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Begoniaceae, Edition 2

Part I: Annotated Species List
Part II: Illustrated Key, Abridgment and Supplement

by
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and
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National Museum of Natural History
Washington, DC
2002

ABSTRACT

Golding, Jack and Dieter C. Wasshausen. Begoniaceae, Edition 2. Part I: Annotated Species List. Part II: Illustrated Key, Abridgment and Supplement. *Smithsonian Contributions from the United States National Herbarium*, volume 43: 289 pages (including 57 plates).- Part I, lists in alphabetical order, all verified species and infraspecific taxa, including complete synonymy, literature citation, assignment to the sections, and geographical distributions. All recognized species are cross referenced to the subkeys in Part II by the illustration numbers. In Part II, all the known taxa of Begoniaceae (exclusive of hybrids and cultivars) are initially keyed into 34 subkeys. They are abridged and subsequently the new taxa are keyed to recognized species. The new species are illustrated from a photo of the available holotype or type specimen.
KEY WORDS: Begoniaceae, Nomenclature, Species List, Illustrated Key, Taxonomy.

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Cover Design and Illustration by Alice Tangerini: front habit of *Begonia leptostyla* Irmscher from a photograph and specimen by D.C.Wasshausen; back detail of *B. buddleiifolia* A. DC.

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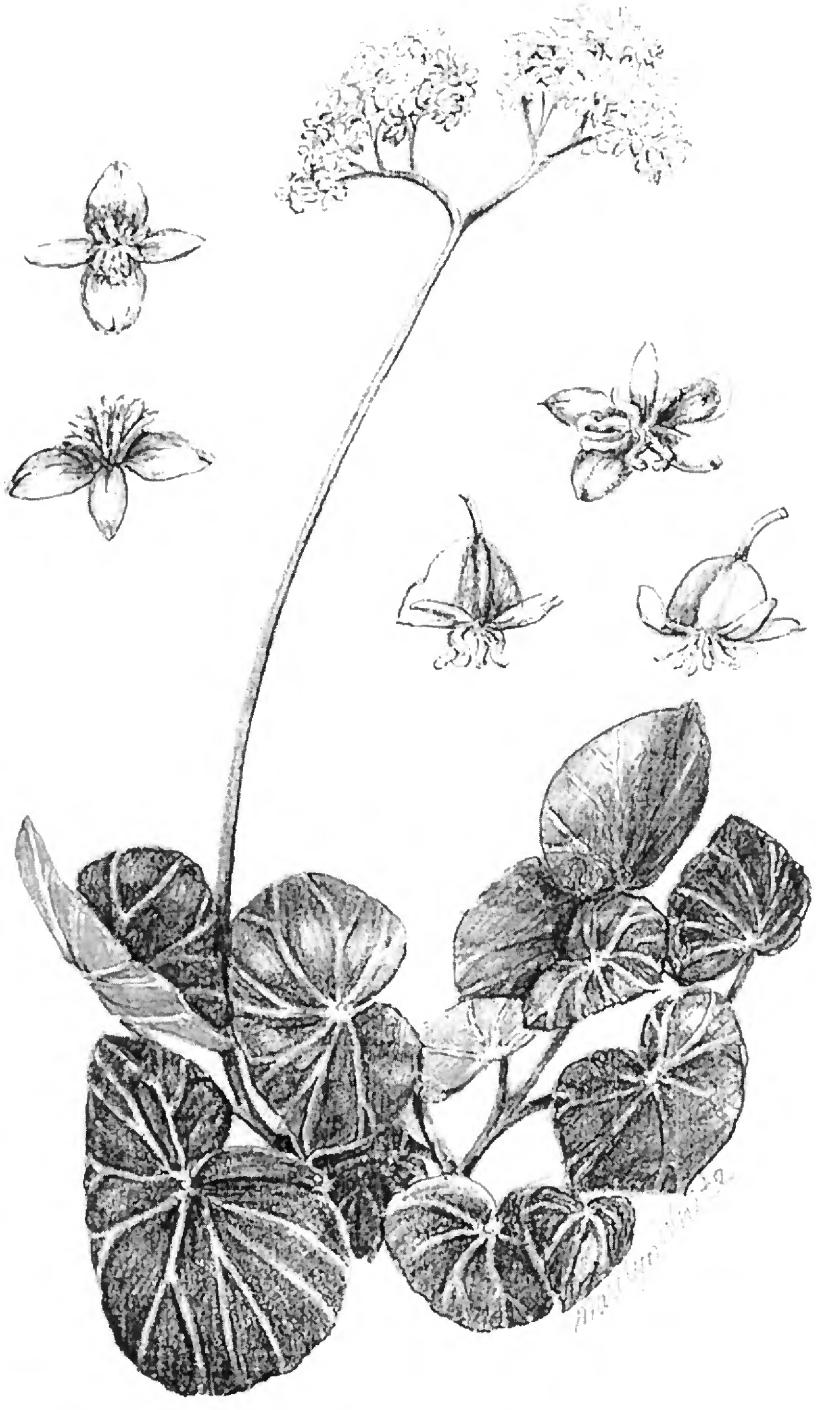


Begonia acetosa Vellozo, 1831
Emend. J. Golding, 1996

Begoniaceae, Edition 2

Jack Golding & Dieter C. Wasshausen [1]

Dedicated to the memory of Lyman B. Smith in appreciation of his excellent work with Begoniaceae, his inspiration, encouragement, and guidance to continue adding to the knowledge of Begoniaceae.

INTRODUCTION

The publication of *Begoniaceae, Part I: Illustrated Key, Part II: Annotated Species List*, Lyman B. Smith, Dieter C. Wasshausen, Jack Golding & C. Karegeannes, SMITHSONIAN CONTRIBUTIONS TO BOTANY, 60, 1986, [*Begoniaceae Ed. 1*] was to be followed in a few years by a simple supplement, with an errata and the new species, but now that is not practical.

For this new edition, the **Annotated Species List**, now **Part I**, has been completely revised to include the many new taxa and the changes in status. The **Illustrated Key**, now **Part II**, with the errata for Edition 1, has been abridged and supplemented to include the new changes.

The *Begoniaceae Ed. 1, Species List* was evolved from *The Species of the Begoniaceae*, Fred A. Barkley, 1972, and *The Species of the Begoniaceae,* Ed. 2, Fred A. Barkley and Jack Golding.

Fred Barkley's species list is a compendium of published names and published synonymy. Most of the data for his entries came from *Index Kewensis, the Gray Herbarium Card Index,* and the Jan Doorenbos *Check List of Begonia Names*, 1971, ined. The original intent for *Begoniaceae Ed. 1*, was to continue the revisions of the Barkley list that Jack Golding started for the 1974, Ed. 2. It soon became evident that a new method of compiling the list was necessary, because many inaccuracies in the literature — of priority, spelling, and synonymy — had been transmitted throughout the years by authors copying the errors of previous authors.

To ensure the accuracy of the listing, all the literature, that could be located, has been examined to verify the correct spelling, author, and place of citation.

The authors who determined the synonymy are noted, and the citations for the names that were transferred through one or more interim names are recorded.

The citation of the names, authors, and literature have followed Chapter IV, Section 3, and Section 4, of *The International Code of Botanical Nomenclature, 2000.*

The abbreviated short-titles of books are from Stafleu and Cowan et al, *Taxonomic Literature,* Ed. 2, volumes I, 1976 to VII, 1988, plus Stafleu and Mennega, Supplements I, 1992 to VI, 2000.

For periodicals, the adopted abbreviations in Lawrence, Buchheim, Daniels, and Dolezal, *Botanico-Periodcum-Huntianum,* 1968, and the Bridson & E.R. Smith Supplement, 1991, are used.

The orthography of the names conforms to the rules and recommendations of the *International Code of Botanical Nomenclature, 2000.* Incorrect original epithet spellings are within quotation marks, after the date of publication.

In accordance with the *I.C.B.N., 2000*, Rec. 60C1d, the orthography of adjectival epithets formed from personal names ending in "er" now have been corrected by adding an "i" before the adjectival suffix. e.g. **hookeriana**.

1 *Jack Golding, Nomenclature Editor of the American Begonia Society's Begonian, 33 Ingram drive, Monroe Twp. NJ 08831-4641. Dieter C. Wasshausen, Department of Systematic Biology- Botany, National Museum of Natural History, Smithsonian Institution, Washington, DC 20560.*

Part I: Annotated Species List

FORMAT

The completely revised **Annotated Species List** includes all of the known new species and infraspecific taxa, the corrections and the major revisions since the publication of *Begoniaceae Ed. 1*, in 1986. The new species and infraspecific taxa are marked with an **"N"**. The major revisions of status or citation are marked with an **"R"**.

The verified species and infraspecific epithets, with the synonyms, are listed in alphabetical order for the present and synonymous genera of the **Begoniaceae**.

Each citation includes: the name, the author, the place of publication, the section, the geographic distribution, and the figure number with its location in the keys.

The correct names are listed in **Bold Roman Type**, the synonyms and incorrect names are listed in *italic type*.

SECTIONS OF BEGONIA

In *Begoniaceae Ed. 1*, the sections of the **Begonia** species were not specified, because the delineation of the sections were confused, overlapping, deficient, or inaccurate.

Now the excellent work by J. Doorenbos, M.S.M. Sosef, and J.J.F.E. de Wilde, *The Sections of Begonia*, Wageningen Agric. Univ. Papers, 98(2), 1998, has given very definitive descriptions of the sections and placed the species in the revised sections of **Begonia.**

Their assignments are followed, after each citation of a correct species, the section is listed between [ ] in ***bold italic*** type. e.g.

aberrans Irmscher, Webbia, 9:483, 1953. [***Bracteibegonia***]. Indonesia: Sumatra. Fig. 14.23.

For those species whose membership in a section is doubtful, the section name is followed by a "?". e.g.

lucidissima J. Golding & C. Karegeannes, Phytologia, 54:496, 1984. [***Begonia*** *?*]. Paraguay. Sine figura.

For those species not attributable to any existing section, the citation is followed by a [*?*], e.g.

angilogensis Merrill, Philipp. J. Sci., 26:477, 1925. [*?*] Philippines. Fig. 12.15.

GEOGRAPHY

The geographic locations of the natural distribution of a species have been changed to their modern equivalents.

FIGURE NUMBERS

The figure numbers at the end of a citations are an index. For the illustrations in *Begoniaceae Ed. 1, Part I: Illustrated Key* the first part of the figure number is that of the subkey, the second part is its first sequential position in that subkey. e.g. Fig. 5.26

The supplemental figures are identified by an "S" and a number. It is followed (within parenthesis) by their location in **Part II, Illustrated Key**, consisting of the subkey number, plus the dichotomous couplet branch number, with either -1 for the first branch or -2 for the second branch. For the insertion of the new and revised species, an original couplet is ramified as a tree. The new branches are identified by adding a letter "a" or "b" etc.. e.g. Fig. S43, (2;6-1a); Fig. S44, (2;11-2a); Fig. S45, (11-2b).

When a good photo had been put in the wrong place in a subkey of *Begoniaceae Ed. 1*, the original number is still used, but is followed by its new location.
e.g. Fig. 25.8, (9;39-2a)

The figure number is for a photograph of the holotype or type specimen. Except when followed by one of these notations:

non typus — not the type.

icon — illustration from a plate in the original or subsequent citation.

(Fig 30.1) — a figure number within parentheses ( ) following a correct citation, is the photograph of a synonym in the listing after that name, e.g.

dietrichiana Irmscher, Bot. Jahrb. Syst., 76:60, 1953. [***Pritzelia***]. Brazil. (Fig. 30.1, icon) .

fischeri Otto & Dietrich, 1836, non Schrank, 1820. Fig. 30.1, icon.

Pritzelia fischeri (Otto & Dietrich) Klotzsch, 1854.

LATIN TERMINOLOGY

Latin terminology is used as in the *International Code of Botanical Nomenclature* with the following additions:

descriptione inchoata.	The description is unfinished, or imperfect, or rudimentary, and is insufficient for identification.
Editus sero pro clave	Published too late for key. The preceding citation was published too late for the information to be used for the key.
fide ... in litteris	According to ...in correspondence, to indicate an acceptable determination not previously published.
fide...in manuscriptum	According to ... in an unpublished manuscript.
fide...in schedula	According to ... written on a herbarium specimen.
nomen nudum	a name unaccompanied by a description or reference to a published description
non visus	The preceding citation was not seen by the author.
pro parte	in part, partly.
pro syn	as synonym.
sine figura	without a figure, no herbarium specimen or illustration was available.
sphalmate	by mistake, mistakenly.

MISIDENTIFICATIONS

Misidentifications are no longer indicated by "sensu" but will be indicated in accordance with Recommendation 50D.1, of the International Code of Botanical Nomenclature, 1994, "... A misapplied name should be indicated by the words "auct. non" followed by the name of the original author and the bibliographic references of the misidentification." In this list, the bibliographic0 references will also be followed by the citation of the author who determined the misidentification and the correct name. e.g.

scapigera auct. non J.D. Hooker: Wilczek, Fl. Congo, Rwanda, Burundi,:33, 1969; Lewalle, Bull. Jard. Bot. Nat. Belg, 42:179, 1972; Troupin, Fl. Rwanda-Spermatoph., II:450, fig. 142.1, 1983. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):183, 1994. **N** = **pulcherrima** M. Sosef, 1992.

The name *Begonia scapigera* used by authors, Wilczek., Lewalle, and Troupin, in the publications listed, was not the same taxa as the correct species **Begonia scapigera** by the author J.D. Hooker, 1871. M. Sosef, Wageningen Agric. Univ. Papers, 94(1):183, 1994, determined that they had misidentified the species and that its correct name is **Begonia pulcherrima** M. Sosef, 1992.

EXAMPLES OF THE FORMAT

Begonia

agusanensis Merrill, Philipp. J. Sci., 6:377, "1911," 1912. [***Petermannia***]. Philippines. Fig. 20.33.

Merrill is the author of the **Begonia** epithet **agusanensis** that was published in the Philippine Journal of Science, volume 6, on page 377, in 1912. It is classified in section ***Petermannia***, its natural distribution is in the Philippines, and

Figure 20.33 is its type photo in the **Key**.

Note: when the date on the cover is different from the actual date of publication it is included between quotation marks.

ciliobracteata Warburg, Bot. Jahrb. Syst., 22:40, 1895. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):222, pl. 17.3, 1994. [***Scutobegonia***]. Cameroon. Fig. 22.6. **R**

dielsiana Gilg, 1904, non E. Pritzel, 1900.

hookeriana Gilg ex Engler, 1921, non Gardner, 1845.

raynaliorum Wilczek, 1969.

cameroonensis L.B. Smith & D.C. Wasshausen, 1983.

The epithet **ciliobracteata** was published by Warburg in Bot. Jahrb. Syst., volume 22, page 40, in 1895. Additional pertinent information about this species was published later by M. Sosef in the Wageningen Agric. Univ. Papers, volume 94, part 1, on page 222, with an illustration plate 17.3, in 1994. It is classified in Section **Scutobegonia**. Its natural distribution is in Cameroon. Fig. 22.6 in the **Key** is a photo of the type, this is a revised citation.

After the citation of the correct name, the synonymous epithets, their authors, and date of publication are listed in chronological order.

In the appropriate alphabetical place, the complete citation for the synonymous epithets are listed together with the author, and the publication in which they were synonymized.

dielseiana Gilg, Bot. Jahrb. Syst., 34:91, 1904, non E. Pritzel, 1900. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:442, 1983, [= *Begonia cameroonensis* L.B. Smith & D.C. Wasshausen, 1983]. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):222, 1994.

= **ciliobracteata** Warburg, 1895.

Begonia dielsiana was published by Gilg in 1904. However it was a later homonym [a different species with the same name] that was published by E. Pritzel in 1900. Therefore, L.B. Smith & D.C. Wasshausen, Phytologia, 52:442, 1983, gave it a new name *Begonia cameroonensis* L.B. Smith & D.C. Wasshausen, 1983. But M. Sosef, Wageningen Agric. Univ. Papers, 94(1):222, 1994, determined that it was the same species as **Begonia ciliobracteata** Warburg, 1895.

hookeriana Gilg ex Engler, Veg. Erde, 9(3.2):617, 1921, non Gardner, 1845, —L.B. Smith, D.C. Wasshausen, J. Golding, & C. Karegeannes, Smithsonian Contr. Bot., 60:180, 1986, [= **scutulum** J.D. Hooker, 1871, sphalmate]. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):222, 1994. **R**

= **ciliobracteata** Warburg, 1895.

Begonia hookeriana, named by Gilg, but published by Engler in 1921, was a later homonym of the species published by Gardner in 1845. L.B. Smith, D.C. Wasshausen, J. Golding, & C. Karegeannes, Smithsonian Contr. Bot., 60:180, 1986, listed it as a synonym of **Begonia scutulum** J.D. Hooker, 1871, by mistake. This error was corrected by, M. Sosef, Wageningen Agric. Univ. Papers, 94(1):222, 1994, who determined that it was the same species as **Begonia ciliobracteata** Warburg, 1895.

raynaliorum Wilczek, Bull. Jard. Bot. Nat. Belg., 39:93, 1969. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):222, 1994. **R**

= **ciliobracteata** Warburg, 1895.

Begonia raynaliorum Wilczek, was published, as noted, in 1969 . M. Sosef, Wageningen Agric. Univ. Papers, 94(1):222, 1994, determined that it was the same species as **Begonia ciliobracteata** Warburg, 1895.

boucheana (Klotzsch) A. de Candolle, Prodr., 15(1):373, 1864. [***Pritzelia***]. Venezuela.

Gurltia boucheana Klotzsch, 1856.

The epithet **boucheana** was originally published by Klotzsch in the [rejected] genus *Gurltia* and was transferred to **Begonia** by the publishing author A. de Candolle.

maxima hort. Berol. ex Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :125, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :223, 1855; Begoniac., :103, 1855, pro syn. *Magnusia maxima* Klotzsch, 1854. —A. de Candolle, Prodr., 15(1):334, 1864 [= *maxima* hort. ex A. de Candolle, 1864]. —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:167, 1961.

= **fusca** Liebmann, 1853.

Begonia maxima from the garden of Berlin was cited by Klotzsch as a synonym of *Magnusia maxima*. A. de Candolle did not accept the genus name *Magnusia* and transferred

the epithet back to *Begonia maxima* hort. ex A de Candolle, 1864. Later, L.B. Smith & B.G. Schubert in 1961 determined it to be the same as **Begonia fusca** Liebmann, 1853.

Note: In some publications there are no volume numbers. This is indicated by a blank space before the colon preceding the page numbers, as in the above citations by Klotzsch and others.

ACKNOWLEDGMENTS

This publication was made possible by a very generous grant from the American Begonia Society.

There are many who helped us to obtain the information needed for this edition.

Members of the American Begonia Society: especially Carrie E. Karegeannes for her work with the *Begoniaceae Ed. 1*, and her many suggestions and continuing exchange of information; Edgar and Phyllis Bates for their proofreading of an early copy of the manuscript; also Thelma O'Reilly, Mildred L. Thompson, Howard Berg and Rudolf Ziesenhenne.

Jan Doorenbos of the Wageningen University for the many years of sharing his knowledge of Begonia, correcting, suggesting improvements and finding rare citations for us. Also Marc Sosef and J.J.F.E. deWilde for their work with the African species.

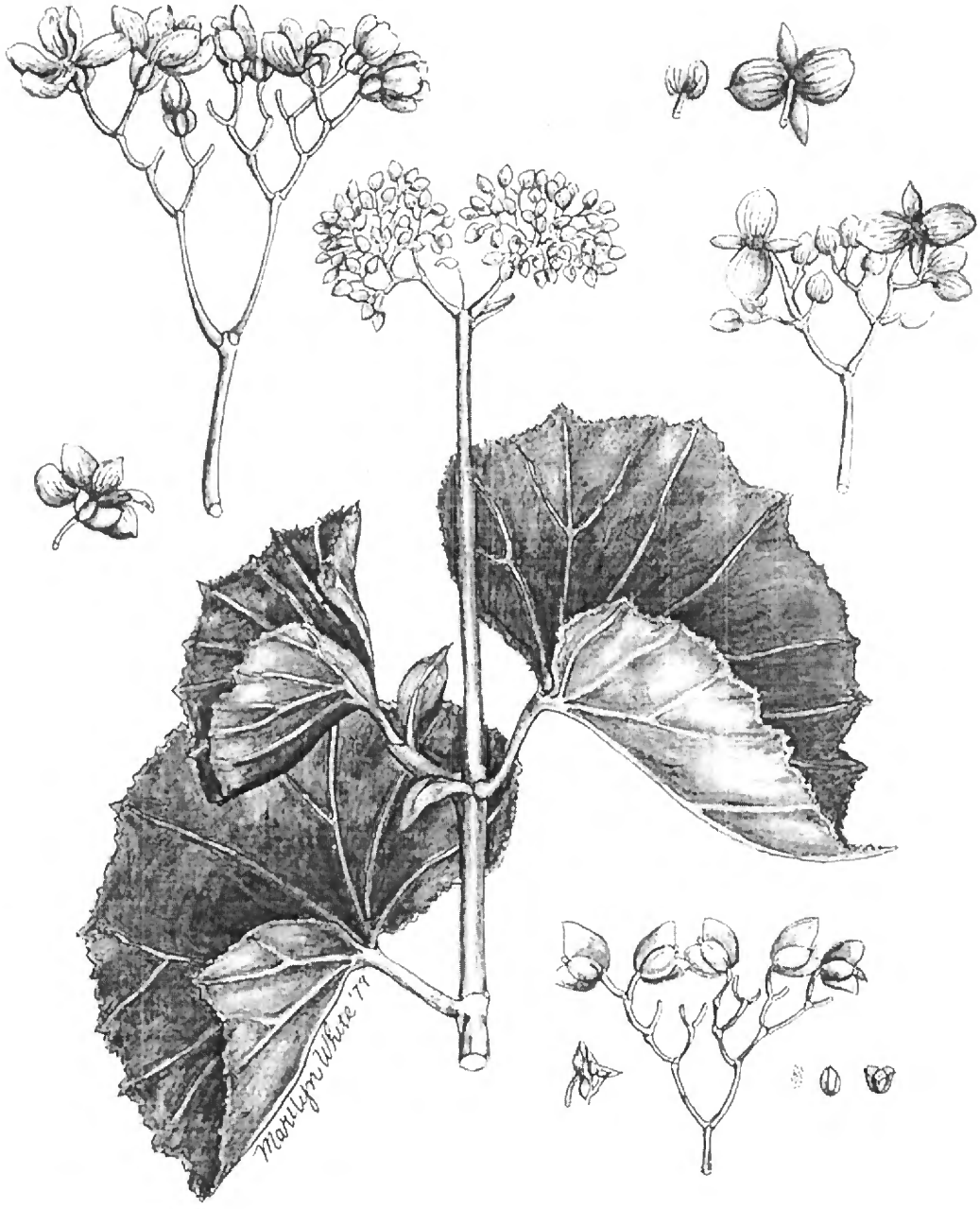
Kathleen Burt-Utley of the University of New Orleans; Martin J.S. Sands of Kew, UK; Su-Hua Huang, Yu-Min Shui, Tsue-Chih Ku, Cheng-Yhi-Wu, Kai-Yun Guan and Dai-Ke-Tian of China; Jorge Sierra Calzado of Cuba; Mark Tebbitt of the Brooklyn Botanic Garden; and the many others, who sent us information and copies of their publications about Begonia.

To the librarians from the Libraries of the Smithsonian Institution, the New York Botanical Garden, the Missouri Botanical Garden, and the Hunt Institute of Botanical Documentation for their assistance finding many original citations for us.

The junior author is especially indebted to the director and the staff of the Botanischer Garten und Botanisches Museum Berlin - Dahlem, Germany for the privilege of examining and photographing their Begonia type specimens. Their acknowledgment was inadvertently omitted from *Begoniaceae Ed. 1*. Also, we wish to thank the directors and the staff of the Royal Botanic Gardens, Kew, Great Britain; the Museum National d'Histoire Naturelle, Paris, France; the Conservatoire et Jardin botanique, Geneva, Switzerland and the Instituto de Botanica Sao Paulo, Brazil for making loans of Begonia specimens available to us and also for permitting us to photograph their Begonia type specimens. We wish to thank Dr. Marc Sosef for making available to us a set of photographs of the newly described Begonia type photographs deposited in the Herbarium of the Wageningen Agricultural University, Wageningen, The Netherlands.

Our special thanks to Marilyn White, who skillfully prepared the line drawings in the text.

Finally to we are grateful to the late Jan Doorenbos and Mark Tebbitt for their review, editorial comments, and critique of our manuscript.



Begonia obliqua Linnaeus, 1753
Emend. J. Golding, 1980.

Annotated Species List

Begonia

abaculoides R. Ziesenhenne, Begonian, 35,257, 1968; Begonian, 36:39, 1969. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:441, 1983.
= **boissieri** A. de Candolle, 1859.

abbottii Urban in Fedde, Repert., 18:192, 1922. [***Begonia***]. Haiti. Fig. 30.22, non typus.

aberrans Irmscher, Webbia, 9:483, 1953. [***Bracteibegonia***]. Indonesia: Sumatra. Fig. 14.23.

aborensis Dunn, Bull. Misc. Inform., :109, 1920. [***Sphenanthera***]. India: Himalaya. Fig. S168, (23;41-2) it replaces Fig. 23.21, that photo is of **arborescens**. **R**
gigantea Wallich, no. 3677B, 1831, nomen nudum.

abyssinica Cufodontis, Senck. Biol., 41:382, pl. 64, :fig. 9, 1960. —Doorenbos, Sosef & de Wilde, Wageningen Agric. Univ. Papers, 98(2):227, 1998. Ethiopia. Fig. 27.28. **R**
= **wollastonii** E.G. Baker, 1908.

acaulis Merrill & Perry, J. Arnold Arbor., 24:43, pl. 1, 1–q, 1943. [***Diploclinium III***]. New Guinea. Fig. 23.3.

acerifolia Kunth in Humboldt, Bonpland & Kunth, Nov. Gen. Sp., 7:folio 142, quarto 186, pl. 644, 1825. [***Knesebeckia***]. Ecuador. Fig. 4.22, icon.
dolabrifera C. de Candolle, 1908.

aceroides Irmscher, Bot. Jahrb. Syst., 76:100, 1953. [***Diploclinium III***]. Siam. Fig. 5.26.
burkillii Irmscher, 1929, non Dunn, 1920.

acetosa Vellozo, Fl. Flum., icon., 10:pl. 50, "1827," 1831; descr, Arch., Mus. Nat. Rio de Janeiro, 5:406, 1881. —Emend. J. Golding, Begonian 63:49-51, pl. 1996. [***Pritzelia***]. Brazil. Fig. 10.3, icon (11;28-1a) **R**.
cantareira hort, 1950.

acetosella Craib var. **acetosella,** Bull. Misc. Inform., :153, 1912. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 6:347, 1927. [***Sphenanthera***]. Siam, China, Burma. Fig. S198, (27;49-1a). **R**

acetosella Craib var. **hirtifolia** Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:515, 1939. China.

acida Vellozo, Fl. Flum., icon., 10:pl. 49, "1827," 1831; descr., Arch. Mus. Nat. Rio de Janeiro, 5:406, 1881. [***Pritzelia***]. Brazil. Fig. 10.4, icon.
ecuadorensis hort. ex Buxton, 1932.
brasiliensis hort. ex Everett, 1939, non Klotzsch, 1855

acida Martius ex A. de Candolle in Martius, Fl. Bras., 4(1):366, 1861, non Vellozo, 1831. —Irmscher, Bot. Jahrb. Syst., 78:183, 1959.
= **subacida** Irmscher, 1959.

aconitifolia A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:127, 1859; in Martius, Fl. Bras., 4(1):352, 1861. [***Knesebeckia***]. Brazil. Fig. 4.8.
sceptrum hort. ex Rodigas, 1884.
faureana Linden ex Garnier, 1895.
faureana Linden *ex* Garnier var. *argentea* Linden, 1896.

aconitifolia 'Hildegard Schneider' Everett, J. New York Bot. Gard., 41:2, 6, pl, 1940. —Weber & Dress, Baileya, 16:59, 1968.
faureana Linden ex Garnier var. *metallica* Rodigas, 1895.
aconitifolia 'Metallica' Weber & Dress, 1968.

aconitifolia 'Metallica' Weber & Dress, Baileya, 16:61, 1968.
= **aconitifolia** 'Hildegard Schneider' Everett, 1940.

acrensis Irmscher, Bot. Jahrb. Syst., 74:605, 1949. —L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 45:114, 1955 [= *williamsii* Rusby

& Nash, 1906, non x *williamsii* Williams, 1892]; —Revista Univ. (Cuzco), 33(87):84, 1944.
= **wollnyi** Herzog, 1909.

aculeata Walpers, Nov. Actorum Acad. Caes. Leop.–Carol, Nat. Cur., 16, suppl. 2(19, suppl. 1):409, 1843; Repert. Bot. Syst, 5:767, 1846. —A. de Candolle in Martius, Fl. Bras., 4(1):354, 1861.
= **maculata** Raddi var. **argentea** (Van Houtte) A. de Candolle, 1861.

acuminata Dryander, Trans. Linn. Soc., 1:166, pl. 14, figs. 5–6, 1791. —O.E. Schulz in Urban, Symb. Antil., 7:13. 1911.
= **acutifolia** Jacquin, 1787.

acuminatissima Merrill, Philipp. J. Sci., 6:395, "1911," 1912. [***Diploclinium I***]. Philippines. Fig. 26.22.
camiguinensis Elmer, 1915.

acutifolia Jacquin, Coll., 1:128, "1786," 1787. —W.J. Hooker, Bot. Mag., 69:pl. 4025, 1843. –J. Sierra, Flora de Cuba, 3:22, pl. 3, fig. 1, 2000. [***Begonia***]. Cuba, Jamaica. Fig. 29.19, icon.
Aceris fructu herba anomala, flore tetrapetalo albo Sloane, 1696.
acuminata Dryander, 1791.
halmiltoniana Lehmann, 1850.
Platycentrum hamiltonianum Miquel, 1856.
Tittelbachia hamiltonianum Regel, 1860.
malabarica auct. non Lamarck: F. Hamilton ex Walpers, 1852.
obliqua auct. non Linnaeus: Van den Heede, 1903.

acutifolia Swartz, Flor. Ind. Occ., 2:994, 1800; non Jacquin, 1787. —O.E. Schulz in Urban, Symb. Antil., 7:17, 1911 [= *purpurea* Swartz, 1788]. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:445, 1983.
= **jamaicensis** A. de Candolle, 1859.

acutifolia auct. non Jacquin: Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :145, 1855; Begoniac., :25, 1855. —A. de Candolle, Prodr., 15(1):295, 1864 [= *portoricensis* A. de Candolle, 1864]. —O.E. Schulz in Urban, Symb. Antil., 7:8, 1911.
= **decandra** Pavon ex A. de Candolle, 1859.

acutifolia auct. non Jacquin: herb. Vindob. ex A. de Candolle in Martius, Fl. Bras., 4(1):380, 1861, pro syn. **dentatiloba** A. de Candolle, 1859.

acutiloba Liebmann, Vid. Medd. Naturh. For. Kjöbenhavn 1852, :14, 1853. —emend. L.B. Smith & B.G. Schubert, Contr. Gray Herb., 161:28, pl. 3, 1946. [***Weilbachia***]. Mexico, Guatemala. Fig. 4.37.
Knesebeckia acutiloba (Liebmann) Klotzsch ex Walpers, 1858.

acutitepala K.Y. Guan & D.K. Tian Acta Bot. Yunnanica, 22(2):129, pl. 1, 2000. [***Begonia***] China: Yunnan. Fig. S234, icon (8;6-1b). **N**

adenodes Irmscher, Webbia, 9:478, pl. 2, 1953. [***Petermannia***]. Borneo: Sarawak. Fig. 26.15.

adenopoda Lemaire, Jard. Fleur., 2, Misc. :17, 1852. —A. de Candolle, Prodr., 15(1):353, 1864. [***Lauchea***]. Burma. Fig. 15.4, icon.
verticillata W.J. Hooker, 1851, non Vellozo, 1831.
Lauchea verticillata (W.J. Hooker) Klotzsch, 1855.

adenostegia Stapf, Trans. Linn. Soc. London, Bot., II, 4:164, 1894. [***Platycentrum***].Borneo: Sabah. Fig. 26.14.

adiantiformis Toledo, Arq. Bot. Estado São Paulo, n.s., 2(3):62, pl. 17, 1946. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):59, 1971.
= **itatinensis** Irmscher ex Brade, 1944.

admirabilis Brade, Arq. Jard. Bot. Rio de Janerio, 10:136, pl. 6, 1950. [***Begonia***]. Brazil. Fig. 30.44, icon.

adolfi–friderici Gilg in Mildbraed, Wiss. Erg. Deut. Zentr. Afr. Exp. Bot., 2:574, 1913. S14; (14;38-2). —J.J. de Wilde & J.C. Arends, Misc. Pap. Landbouwhogesch. Wageningen, 19:398, 1980. **R**
= **poculifera** J.D. Hooker var. **poculifera,** 1871.

adpressa M. Sosef, Wageningen Agric. Univ. Papers, 91(4): 126, Fig. 2, "1991," 1992;

Wageningen Agric. Univ. Papers, 94(1):149, fig. 16.1, 1994. [***Loasibegonia***]. Cameroon. Fig.S50, (2;24-1a). **N**
schaeferi auct. non Engler: van den Berg, 1985.

adscendens C.B. Clarke, J. Linn. Soc., Bot., 25:26, pl. 13, 1890. [***Diploclinium II***]. India: Himalaya. Fig. 8.4, icon.

adscendens auct. non C.B. Clarke: H. Hara, Fl. E. Himalaya, 2:83, 1971; in H. Ohashi, Fl. E. Himalaya, 3:85,1975.
= **leptoptera** H. Hara, 1973.

aenea Linden & André, Linden Cat., :2, 1871, "*oenea*."; Gartenfl., 20:213, 1871. [***Platycentrum***]. Assam. Descriptione inchoata.

aequata A. Gray, U.S. Expl. Exped. Phan., 15:658, 1854. —Merrill, Philipp. J. Sci., 4:84, pl. 4, 1908. [***Petermannia***]. Philippines. Fig. 14.35.

aequatorialis L.B. Smith & B.G. Schubert, Lloydia, 13:85, pl, 1950. [***Eupetalum***]. Ecuador. Fig. 8.29.

aequilateralis Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:134, pl. 7, 1929. [***Platycentrum***]. Malaya. Fig. S131, (13;18-1)&(14;8-2)). **R**

aeranthos L.B. Smith & B.G. Schubert, Mem. New York Bot. Gard., 8:36, pl. 2a–e, 1952. [***Wageneria***]. Ecuador. Fig. 3.27.
grandibracteolata Irmscher, 1953.

affinis Merrill, Philipp. J. Sci., 7:308, 1912. [***Petermannia***]. Philippines. Fig. 19.15.

aggeloptera N. Hallé, Adansonia, II, 12:371, pl.8, 1972. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):216, fig. 17.1, pl. 1a,b, 1994. [***Scutobegonia***].Gabon. Fig. 14.54, icon.

agrial Rojas, Le Monde des Plantes, 74:24, 1913. —L.B. Smith & B.G. Schubert, Darwiniana, 5:101, 1941 [= *cucullata* auct. non Willdenow, L.B. Smith & B.G. Schubert, 1941]. —J. Golding, Phytologia, 50:335, 1982.
= **cucullata** Willdenow var. **spatulata** (Loddiges) J. Golding, 1982.

agusanensis Merrill, Philipp. J. Sci., 6:377, "1911," 1912. [***Petermannia***]. Philippines. Fig. 20.33.

alba–coccinea hort., Horticulturalist, 1:378, 1847, non visus, sphalmate pro **albo-coccinea** W.J. Hooker, 1845.

alba Merrill, Philipp. J. Sci., 10:45, 1915. [***Diploclinium I***]. Philippines. Fig. 9.6.

albido–setulosa Hasskarl, Hort. Bogor. Descr., :313, 1858. —Doorenbos, Sosef & de Wilde, Wageningen Agric. Univ. Papers, 98(2):227, 1998. **R**
= **hirtella** Link var. **hirtella,** 1822.

albidula Brade, Arq. Jard. Bot. Rio de Janerio, 10:137, pl. 7, 1950. [***Begonia***]. Brazil. Fig. 29.27, icon.

albiflora hort. ex Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :126, 1854, pro syn. *Tittelbachia albiflora* Klotzsch, 1854, nomen nudum.

albo–coccinea W.J. Hooker, Bot. Mag., 71:pl. 4172, 1845. [***Reichenheimia I***]. India. Fig. 2.22, icon.
wightiana Wallich, 1831, nomen nudum.
grahamiana Wight, 1852.
Mitscherlichia albo–coccinea (W.J. Hooker) Klotzsch, 1854.
Mitscherlichia grahamiana Hasskarl, 1858.

albo–picta W. Bull, Rare Plants Catalog, London, 210:13, 1885; Gartenfl., 35:402, 1886. —Irmscher, Pareys Blumengart., ed.2:79, 1960. —Thompson & Thompson, Begonias, :71, pl., 1981. —L.B. Smith & D.C. Wasshausen, Phytologia, 55:112, 1984. [***Gaerdtia***]. Brazil. Fig.S245, icon (15; 22-1a)
maculata Raddi var. *maculata* auct. non Raddi: L.B. Smith & D.C. Wasshausen, 1984.

albobracteata Ridley, Trans. Linn. Soc. London, Bot., II, 9:60, 1916. [***Petermannia***]. New Guinea. Fig. 14.2.

albomaculata C. de Candolle in Huber, Bol. Mus. Paraense Hist. Nat., 4:593, 1906. —emend. L.B. Smith & D.C. Wasshausen, Phytologia, 54:465, 1984. [***Cyathocnemis ?***]. Ecuador, Peru. Fig. S222, (34;16-2). **R**

alcarrasica J. Sierra, Revista Jard. Bot. Nac. Univ. Habana, 10:104, "1989" 1990. – Flora de Cuba, 3:12, pl. 3, fig.4, 2000. [***Begonia***]. Cuba. Sine figura, (11;12-2a). **N**

alchemilloides Meisner ex A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:125, 1859; in Martius, Fl. Bras., 4(1):344, 1861. [***Begonia***]. Brazil. Fig. 28.25.

alemanii Brade, Rodriquesia, 18:30, pl. 1, 1945. [***Doratometra***]. Brazil. Fig. 17.24, icon.

alepensis A. Chevalier, Bull. Soc. France, 58 (Mem. 8d):174, "1911," 1912. —Wilczek, Fl. Congo, Rwanda, Burundi, :30, Fig. 3, 1969. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:97, 2002. **R**
= **fusialata** Warburg var **fusialata**, 1895.

algaia L.B. Smith & D.C. Wasshausen, Phytologia, 52:441, 1983. [***Platycentrum***]. China. Fig. 5.29.
calophylla Irmscher, 1927, non Gilg ex Engler, 1921.

alice–clarkiae R. Ziesenhenne, Begonian, 43:65, pl, 1976. "*alice–clarkae.*" [***Weilbachia***]. Mexico. Fig. 12.17.

aliciae C.E.C. Fischer, Bull. Misc. Inform., :247, 1939. [***Parvibegonia***]. India. Fig. 8.26.

alicida C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:637, 1879. "*alaecida.*" [***Alicida***]. India. Fig. 10.6.

allenii Standley, Ann. Missouri Bot. Gard., 25:830, 1938. —L.B. Smith & B.G. Schubert, Ann. Missouri Bot.Gard., 45:62, 1958.
= **tonduzii** C. de Candolle, 1896.

almedana Burt-Utley & Utley, Novon 9:485, pl. 2, 1999. [***Weilbachia***]. Mexico. Fig. S72, icon (4;39-1a), **N**

alnifolia A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:133, 1859. [***Ruizopavonia***]. Colombia. Fig. 16.12.

alpina L.B. Smith & D.C. Wasshausen, Phytologia, 54:469, 1984. [***Platycentrum***]. Malaya. Fig. 8.14
monticola Ridley, 1914, non C. de Candolle, 1908.

altamiroi Brade, Arq. Jard. Bot. Rio de Janerio, 8:230, pl. 4, 1948. [***Pritzelia***]. Brazil. Fig. 4.7, icon.

altissima Ridley, J. Fed. Malay States Mus., 8(4):39, 1917. [***Petermannia***]. Indonesia: Sumatra. Fig. 34.12.

altoperuviana A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:123, 1859. [***Cyathocnemis***]. Peru, Bolivia. Fig. 30.43.

alvarezii Merrill, Philipp. J. Sci., 6:405, "1911," 1912. [***Diploclinium I***]. Philippines. Fig. 22.39

alveolata Te–Tsun Yü, Bull. Fan. Mem. Inst. Biol., n.s.,1:121, 1948. [***Diploclinium II***]. China. (Fig. 9.22). **R**
anceps Irmscher, 1951. Fig. 9.22

amabilis Linden, Hort. Linden, 1:pl. 1, 1859. [***Platycentrum***]. India: Assam [perhaps a cultivar ?]. **N**

amoena Wallich, Num. List, 129, :no. 3682, 1831, nomen nudum. —Wallich ex A. de Candolle, Prodr., 15(1):327, 1864. —H. Hara in H. Ohashi, Fl. E. Himalaya, 3:85, 1975.
= **dioica** F. Hamilton ex D. Don, 1825.

amphioxus Sands, Kew Magazine, 7:77, pl. 149, 1990. —Kiew, Gardens' Bull. Singapore 53:247, 2001. [***Petermannia***]. Borneo: Sabah. Fig. S64, icon (3;30-1a). **N**

ampla J.D. Hooker in Oliver, Fl. Trop. Afr., 2:574, 1871. [***Squaibegonia***] Tropical Africa. Fig. 25.1.
duruensis De Wildeman, 1908.

anaimalaiensis Beddome, Madras J. Lit. Sci., III,

1:48, 1864. [*?*]. India. Fig. S28, (26;51-1). **R**
reniformis Beddome, 1861, non Dryander, 1791.
anamalayana Beddome, 1865.

anamalayana Beddome, Trans. Linn. Soc. London, 25:217, 1865. —J. Golding & C. Karegeannes, Phytologia, 54:493, 1984.
= **anaimalaiensis** Beddome, 1864.

anceps Irmscher, Notes Roy. Bot. Gard. Edinburgh, 21:35, 1951. —Doorenbos, Sosef & de Wilde, Wageningen Agric. Univ. Papers, 98(2):228, 1998. China. Fig. 9.22 **R**
= **alveolata** Te–Tsun Yü, 1948.

andamensis Parish ex C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:650, 1879. [***Parvibegonia***]. India: Andaman Island, Burma. Fig. S112, (10;17-2),

andersonii hort, Begonian, 16:104, pl. 5, 1949, nomen nudum.

andina Rusby, Bull. New York Bot. Gard., 8:108, 1912. [***Hydristyles***]. Bolivia. Fig. 29.31.

andreana Sprague, Trans. & Proc. Bot. Edinburgh, 22:433, 1905. —L.B. Smith & B.G. Schubert, Caldasia, 4:185, 1946 [= *guaduensis* Kunth in Humboldt, Bonpland & Kunth var. *andreana* L.B. Smith & B.G. Schubert, 1946]. —L.B. Smith & D.C. Wasshausen, Fl. Venezuela, 4(1):29, 1989. **R**
= **guaduensis** Kunth in Humboldt, Bonpland & Kunth, 1825.

androrangensis Humbert ex Keraudren-Aymonin & Bosser, Bull. Mus. Hist. Nat. (Paris), III, 47:76, pl. 1, 1972 [***Erminea***]. Madagascar. Fig. 24.1, icon.

anemoniflora Irmscher, Bot. Jahrb. Syst., 76:76, 1953. [***Eupetalum***]. Peru. Fig. 1.5.

anemonoides Azara, Voy., 2:503, 1809. —Steudel, Nom. Bot., ed. 1, 1:104, 1821. [*?*]. Descriptione inchoata.

angilogensis Merrill, Philipp. J. Sci., 26:477, 1925. [*?*]. Philippines. Fig. 12.15.

angolensis Irmscher, Bot. Jahrb. Syst., 81:176, 1961.—emend. Fernandes, Bol. Soc. Brot., II, 44:10, pl. 4, 1970. [***Augustia***]. Angola. Fig. 30.3.

angraensis Brade, Arq. Serv. Florest., 2:22, pl. 2, 1943. [***Trachelocarpus***]. Brazil. Fig. 13.9, icon.

angularis Raddi var. **angularis,** Mem. Mat. Fis. Soc. Ital. Sci., Modena, 18:407, 1820. —J.D. Hooker, Bot. Mag., 128:pl. 7842, 1902. [***Pritzelia***]. Brazil. Fig. 30.31.
hastata Vellozo, 1831.
Pritzelia zebrina Klotzsch, 1854, nomen nudum.
zebrina hort. angl. ex Klotzsch, 1854.
crenulata Schott ex A. de Candolle, 1861.

angularis Raddi var. **angustifolia** A. de Candolle in Martius, Fl. Bras, 4(1):358, 1861. Brazil.

angularis Raddi cv. Compta hort. T.H. Everett, 1939. **N**

angulata Vellozo var. **angulata** Fl. Flum., icon., 10:pl. 52, "1827," 1831; descr., Arch. Mus. Nat. Rio de Janeiro, 5:407, 1881. —Wawra, Bot. Ergebn., :51, pl. 47, 1866. [***Pritzelia***]. Brazil. Fig. 30.20, icon.
reticulata Gardner, 1845.
Pritzelia angulata Klotzsch ex Wawra, 1866.

angulata Vellozo var. **campos–portoi** Brade, Rodriguesia, 18:17, 1945. Brazil. **R**

angulata Vellozo var. **serrana** Brade, Rodriguesia, 18:17, 1945. Brazil. **R**

angustifolia Blume, Enum. Pl. Javae, 1:97, 1827. —Koorders, Exkurs.–Fl. Java, 2:651, 1912.
= **isoptera** Dryander ex J.E. Smith, 1790.

angustifolia Hemsley, Biol. Cent. Amer., Bot., 1:493, 1880, sphalmate pro **angustiloba** A. de Candolle, 1859.

angustilimba Merrill, J. Straits Branch Roy. Asiat. Soc., 86:344, 1922. [***Petermannia***]. Borneo. Fig. 18.22.

angustiloba A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:126, 1859. [***Quadriperigonia***]. Mexico. Fig. 5.21, non typus.
dentata Pavon ex A. de Candolle, 1864.
bicolor S. Watson, 1887.

anisoptera Merrill, Philipp. J. Sci., 6:398, "1911," 1912. [***Diploclinium I***]. Philippines. Fig. 23.10.

anisosepala J.D. Hooker in Oliver, Fl. Trop. Afr., 2:576, 1871.—M. Sosef, Wageningen Agric. Univ. Papers, 94(1):218, fig. 17.2, 1994. [***Scutobegonia***]. Cameroon, Equatorial Guinea, Gabon. Fig. 2.14.
calophylla Gilg ex Engler, 1921.

anjuanensis Humbert ex Keraudren-Aymonin & Bosser, Bull. Soc. Bot. France, 118:735, pl.1: figs. 19–24, "1971," 1973. [***Quadrilobaria***]. Comoros. Fig. 8.12, icon

ankaranensis Humbert ex Keraudren-Aymonin & Bosser, Bull. Soc. Bot. France, 118:735, pl. 2:figs. 8–12, "1971," 1973. Madagascar. Fig. 7.6.

annobonensis A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:127, 1859. Tropical Africa. Fig. 27.35.
quintasii C. de Candolle, 1892.
monterosae A. Chevalier, 1914, nomen nudum.

annulata K. Koch, Berliner Allg. Gartenzeitung, 10:76, 1857. —Irmscher, Bot. Jahrb. Syst., 78:191, 1959. [***Platycentrum***]. India: Himalayas. Fig. 23.8.(23.8, icon)
barbata Wallich, 1831, nomen nudum.
Platycentrum annulatum K. Koch ex Regel, 1859.
griffithii W.J. Hooker, 1857, Fig. 23.8.
picta hort. ex Henderson, 1857–1859, non J.E. Smith, 1805.
barbata Wallich ex A. de Candolle, 1864.

anodifolia A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:126, 1859. "*anodaefolia*." [***Quadriperigonia***]. Mexico. Fig. 5.23.

antaisaka Humbert ex Keraudren-Aymonin & Bosser, Bull. Mus. Hist. Nat. (Paris), III, 47:76, 1972. —M. Keraudren–Aymonin, Fl. Madagascar, 144:88, pl. 27:figs. 8–13, 1983. [*?*]. Madagascar. Fig. S139, (15;9-1).

anthonyi Kiew, Gardens' Bull. Singapore 53:248, pl. 1, 2001. [***Petermannia***]. Borneo: Sabah. Editus sero pro clave. **N**

antioquensis (A. de Candolle) Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894. —L.B. Smith & B.G. Schubert, Caldasia, 4:30, pl. 6, 1946. —L.B. Smith & D.C. Wasshausen, in Harling & Andersson, Fl. Ecuador, 25:29, 1986. Colombia. Fig. 18.27. **R**
= **urticae** Linnaeus f., 1781.

antongilensis Humbert ex Keraudren-Aymonin & Bosser var. **antongilensis**, Bull. Mus. Hist. Nat. (Paris), III, 47:77, pl. 2, 1972. —M. Keraudren–Aymonin, Fl. Madagascar, 144:94, pl. 29:fig. 1, 1983. [***Erminea***]. Madagascar. Fig. 7.2, icon.

antongilensis Humbert var. **cuneata** Humbert ex Keraudren-Aymonin & Bosser, Bull. Mus. Hist. Nat. (Paris), III, 47:79, 1972. —M. Keraudren–Aymonin, Fl. Madagascar, 144:96, pl. 29:fig. 2, 1983. Madagascar.

antsingyensis Humbert ex Keraudren-Aymonin & Bosser, Bull. Soc. Bot. France, 118:735, pl. 1:figs. 19–24, "1971," 1973. [***Quadrilobaria***]. Madagascar. Fig. 8.21.

antsiranensis Aymonin & Bosser, Fl. Madagascar, 144:46, pl. 6:figs. 4–8, 1983. [***Quadrilobaria***]. Madagascar. Fig. S79, (4;55-1a), **R**

apayaoensis Merrill, Philipp. J. Sci., 13:39, 1918. [***Petermannia***]. Philippines. Fig. 19.21.

apparicioi Brade, Arq. Jard. Bot. Rio de Janerio, 8:229, pl. 3, 1948. [***Pritzelia***]. Brazil. Fig. 4.21, icon.

aptera Blume, Enum. Pl. Javae, 1:97, 1827. [***Sphenanthera***]. Indonesia: Sulawesi. Fig. 30.34. **R**
Diploclinium apterum (Blume) Miquel, 1856.

aptera Blume var. *calleryana* Fernandez–Villar

in Blanco & Mercado, Fl. Filip., ed. 3, 4:99, 1880. —Merrill, Philipp. J. Sci., 6:374, "1911," 1912.
= **pseudolateralis** Warburg 1904.

aptera Roxburgh, Flora Ind, 3:650, 1832, non Blume, 1827. —A. de Candolle, Prodr., 15(1):407, 1864 [= *Mezierea salaziensis* Gaudichaud, 1841]. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):139, 1894.
= **salaziensis** (Gaudichaud) Warburg, 1894.

aptera Decaisne, Nouv. Ann. Mus. Hist. Nat. (Paris), III, 3:451, 1834, non Blume, 1827, nec Roxburgh, 1832. —Miquel, Fl. Ned. Ind., 1,1:692, 1856 [= *Diploclinium timorense* Miquel, 1856]. —A. de Candolle, Prodr., 15(1):407, 1864 [= *Mezierea salaziensis* Gaudichaud, 1841]. —Gagnepain, Bull. Mus. Hist. Nat. (Paris), 25:282, 1919 [= *decaiseana* Gagnepain, 1919]. —J. Golding & C. Karegeannes, Phytologia, 54:493, 1984.
= **timorensis** (Miquel) J. Golding & C. Karegeannes, 1984.

aptera Hayata, J. Coll. Sci. Imp. Univ. Tokyo, 30:122, 1911, nec Blume, 1827, nec Roxburgh, 1832, nec Decaisne, 1834. —Gagnepain, Bull. Mus. Hist. Nat. (Paris), 25:282, 1919.
= **hayatae** Gagnepain, 1919.

aptera auct. non Blume: L.B. Smith & D.C. Wasshausen, Phytologia, 54:467, 1984; Phytologia, 55:112, 1984.
= **hayatae** Gagnepain, 1919.

arborescens Raddi var. **arborescens,** Mem. Mat. Fis. Soc. Ital. Sci., Modena, 18:408, 1820. —Wawra, Bot. Ergebn., :53, pl. 48, 1866. [***Pritzelia***]. Brazil Fig. 20.3. (17.16, icon) .
dimidiata Vellozo, 1831, nomen nudum. Fig. 17.16.
Steineria pulchella Klotzsch, 1855.
sylvestris A. de Candolle, 1859.
patens Grisebach ex A. de Candolle, 1861.

arborescens Raddi var. **confertiflora** (Gardner) A. de Candolle in Martius, Fl. Bras., 4(1):378, 1861. Brazil.
confertiflora Gardner, 1845.

arborescens Raddi var. **oxyphylla** (A. de Candolle) S.F. Smith, Selbyana 20(1):28, 1999. (Fig. 16.6). Brazil. **N**
oxyphylla A. de Candolle, 1859. Fig. 16.6.

archboldiana Merrill & Perry, J. Arnold Arbor., 24:42, pl. 1f–k, 1943. [*?*]. New Guinea. Fig. 8.25.

areolata Miquel, Pl. Jungh., 4:417, "1855," 1857. [***Platycentrum***]. Indonesia: Java. Sine figura, (32; 49-1). **R**
Diploclinium areolatum Miquel, 1856.
papillosa Reinwardt ex Koorders, 1912, nec Graham, 1828, nec Lindley, 1841.

argentea Van Houtte ex Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :123, 1854, pro syn. *Gaerdtia argentea* Klotzsch, 1854. —A. de Candolle in Martius, Fl. Bras., 4(1):354, 1861.
= **maculata** Raddi var. **argentea** (Van Houtte) A. de Candolle, 1861.

argentea Linden, Hort. Linden, 2:pl. 2, 1859. [***Platycentrum***]. India. Descriptione inchoata. [perhaps a cultivar ?]

argentinensis Spegazzini, Comun. Mus. Nac. Buenos Aires, 1:53, 1898.
= **boliviensis** A. de Candolle var. **boliviensis,** 1859.

argyrostigma Fischer ex Link & Otto, Icon. Pl. Sel., :23, pl. 10, 1821. —Sprengel, Syst. Veg., 2:626, 1825.
= **maculata** Raddi var. **maculata,** 1820.

aridicaulis R. Ziesenhenne, Begonian, 19:104, pl, 1952. [***Weilbachia***]. Mexico. Fig. 25.10.

arnottiana (Wight) A. de Candolle, Prodr., 15(1):322, 1864. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:641, 1879 [= **cordifolia** (Wright) Thwaites, 1859]. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:441. 1983, nomen legitimum; non **cordifolia** (Wright) Thwaites, 1859. [***Diploclinium I***]. India. Fig. S252, icon (23;11-2). **R**
Diploclinium arnottianum Wight, 1852.

arrogans Irmscher, Bot. Jahrb. Syst., 74:606, 1949. [***Knesebeckia***]. Peru. Fig. 30.18.

articulata Irmscher, Webbia, 9:497, 1953. [***Petermannia***]. Borneo: Sarawak. Fig. 14.45.

artior Irmscher, Webbia, 9:484, pl. 3, 1953. [***Petermannia***]. Borneo: Sarawak. Fig. 21.8, icon.

asarifolia Liebmann, Vid. Medd. Naturh. For. Kjöbenhavn 1852, :8, 1853 [= *Gireoudia hydrocotylifolia* Klotzsch, 1854]. —A. de Candolle, Prodr., 15(1):344, 1864.
= **hydrocotylifolia** Otto ex W.J. Hooker var. **asarifolia** (Liebmann) A. de Candolle, 1864.

asperifolia Irmscher var. **asperifolia,** Mitt. Inst. Allg. Bot. Hamburg, 6:359, 1927. [***Diploclinium II***]. China. Fig. 9.10.

asperifolia Irmscher var. **tomentosa** Te–Tsun Yü, Bull. Fan. Mem. Inst. Biol., n.s., 1:118, 1948. China. **R**

aspleniifolia J.D. Hooker ex A. de Candolle, Prodr., 15(1):392, 1864. [***Filicibegonia***]. Gabon. (Fig. 6.8) Fig. 6.9. **R**
filicifolia N. Hallé, 1972. Fig. 6.8.

assamica Linden ex Pynaert, Rev. Hort. Suisse Romande, :255, 1886. —C. Chevalier, Les Begonias, :242, 1938.
= **beddomei** J.D. Hooker, 1884.

assurgens Irmscher, Beitr. Biol. Pflanzen., 39:444, pl. 3, 1963. [***Weilbachia***]. Central America: El Salvador. Fig. 25.18.

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= **uruapensis** Sessé & Mociño var. **uruapensis,** 1890.

asympeltata L.B. Smith & D.C. Wasshausen, Phytologia, 44:244, pl. 6. 1979. [***Knesebeckia ?***]. Ecuador, Fig. 2.42.

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= **atricha** (Miquel) A. de Candolle, 1864.

atricha (Miquel) A. de Candolle, Prodr., 15(1):321, 1864. [***Petermannia***] Indonesia: Sumatra. Fig. 28.10.
Diploclinium atrichum Miquel, 1858.
atricha Miquel, 1858.

atroglandulosa M. Sosef subsp. **atroglandulosa,** Wageningen Agric. Univ. Papers, 91(4): 88, fig. 1, pl.1, "1991," 1992. [***Loasibegonia***]. Gabon. Fig. S48, (2;22-1a). **N**

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quadrialata auct. non Warburg: De Wildeman & Th. Durand, 1900.
potamophila auct. non Gilg: Wilczek, 1969.

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= **lanceolata** Vellozo, 1831.

aucibifolia hort. ex Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :122, 1854. "*acubaefolia*," pro syn. *Knesebeckia acubifolia* hort. Berol. ex Klotzsch, 1854. —A. de Candolle, Prodr., 15(1):309, 1864.
= **incarnata** Link & Otto var. **incarnata,** 1829.

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augustinei Hemsley, Gard. Chron., III, 28:286, 1900. [***Platycentrum***]. China. Fig. 23.29.

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auriculata J.D. Hooker in Oliver, Fl. Trop. Afr., 2:577, 1871. [***Filicibegonia***]. Gabon. Fig. 21.26.

auriformis Van Houtte ex Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :24, 1854. —Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :189, 1855; Begoniac., :69, 1855, pro syn. *Rachia auriformis* Klotzsch, 1854. —A. de Candolle, Prodr., 15(1):327, 1864 [= *incana* Lindley var. *auriformis* A. de Candolle, 1864]. —J. Golding, Phytologia, 47:292, 1981.
= **peltata** Otto & Dietrich var. **auriformis** (A. de Candolle) J. Golding, 1981.

austrotaiwanensis Yung–Kuan Chen & Ching–I Peng, J. Arnold Arbor., 71:567–573, pl. 1, 1990. [***Platycentrum ?***]. Taiwan Fig, S171, icon (24;8-1a). **N**

awongii Sands, Check List Flowering Pl of Brunei Darussalam, App. 2: 432, 1997. Brunei. Editus sero pro clave. **N**

axillaris Ridley, J. Roy. Asiat. Soc. Straits Br., 46:249, 1906. [***Petermannia***]. Indonesia: Lingga Arch. Fig. 27.23.

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bagotiana Humbert var. **acutialata** Humbert ex Keraudren-Aymonin & Bosser, Bull. Soc. Bot. France, 118:737, pl. 1:fig. 8, "1971," 1973. Madagascar.

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= **cardiocarpa** Liebmann, 1853.

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balansae C. de Candolle var. **glabrior** C. de Candolle, Bull. Herb. Boissier, II, 3:404, 1903. Paraguay.

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balansana Gagnepain var. **rubropilosa** S.H. Huang, & Y.M. Shui, Acta Bot. Yunnanica, 21(1):12, 1999. **R**

balmisiana Balmis var. **balmisiana,** Demostr., :338, pl. 2, 1794. [***Quadriperigonia***]. Mexico. Fig. 28.56, icon.
populifolia Kunth in Humboldt, Bonpland & Kunth, 1825.
monoptera Link & Otto, 1828.
velutina Brongniart ex Neumann, 1844, nec hort. Vindob ex Klotzsch, 1855, nec Parish ex Kurz, 1873.
Knesebeckia balamisiana (Balmis) Klotzsch, 1855.
Knesebeckia monoptera (Link & Otto) Klotzsch, 1855.
velutina hort. Berol. ex Klotzsch, 1855, non hort. Vindob ex Klotzsch, 1855.
reniformis Pavon ex A. de Candolle, 1864, non Dryander, 1791.
syphillitica Sessé & Mociño, 1890.

balmisiana Balmis var. **mitellifolia** A. de Candolle, Prodr., 15(1):308, 1864. Mexico.

banaoensis J. Sierra, Revista Jard. Bot. Nac. Univ. Habana, 10:106, "1989" 1990. Flora de Cuba, 3:20, pl. 3, fig. 2, 2000. [***Begonia***].Cuba. Sine figura: (16;36-1b). **N**

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ulmifolia Bang ex Kuntze, 1898, non Willdenow, 1825.

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= **plumieri** A. de Candolle var. **barahonensis** O.E. Schulz 1911.

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= **strigillosa** Dietrich, 1851.

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= **annulata** K. Koch, 1857.

barbata auct. non Wallich ex A. de Candolle: Wallich, Num. List, 129, :3679 B, 1831, pro parte, nomen nudum. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:646, 1879 [= *rubrovenia* W.J. Hooker, 1853]. —H. Hara, J. Jap. Bot., 47:143, 1972.
= **hatacoa** F. Hamilton ex D. Don var. **hatacoa**, 1825.

barbata Wallich ex A. de Candolle, Prodr., 15(1):348, 1864. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:646, 1879 [= *griffithii* W.J. Hooker, 1857]. —Irmscher, Bot. Jahrb. Syst., 78:191, 1959.
= **annulata** K. Koch, 1857.

barbellata Ridley, J. Fed. Malay States Mus., 10:135, 1920. [***Petermannia***]. Malaya. Fig. 21.43.

barkeri Knowles & Wescott, Flor. Cab., 3:179, pl. 135, 1840.[***Gireoudia***]. Mexico. Fig. 22.31, icon (Fig. 22.33). **R**
peponifolia A.T. Brongniart ex F. Cels, 1842.
peponifolia A.T. Brongniart ex F. Cels var. *beta* A.T. Brongniart ex F. Cels, 1842.
peponifolia hort. ex Schlechtendal, 1851.
Gireoudia barkeri (Knowles & Wescott) Klotzsch, 1854.
Gireoudia macrophylla Klotzsch, 1854.
Gireoudia macrophylla Klotzsch var. *concolor* Klotzsch, 1855.
Gireoudia macrophylla Klotzsch var. *discolor* Klotzsch, 1855.
macrophylla hort. Berol. ex Klotzsch, 1855.
peponifolia hort. Berol. ex Klotzsch, 1855.
megaphylla A. de Candolle, 1859.
peponifolia Visiani ex A. de Candolle, 1864. Fig. 22.33.
macrophylla Sessé & Mociño, 1890, non Lamarck, 1758.
macrophylla Klotzsch var. *concolor* (Klotzsch) J. Doorenbos ex F.A. Barkley & J. Golding, 1974.
macrophylla Klotzsch var. *discolor* (Klotzsch) J. Doorenbos ex F.A. Barkley & J. Golding, 1974.

barkleyana L.B. Smith, Phytologia, 25:418, 1973. [***Knesebeckia***]. Brazil, Fig. 28.17, icon.
dusenii Brade, 1944, non Warburg, 1895.

baronii Baker, J. Linn. Soc., Bot., 22:480, 1887. —M. Keraudren–Aymonin, Fl. Madagascar, 144:70, pl. 21, 1983. [***Nerviplacentaria***]. Madagascar. Fig. 33.8.

barrigae L.B. Smith & B.G. Schubert, Caldasia, 4:185, pl. 15, 1946. [***Ruizopavonia***]. Colombia. Fig. 17.11.

barsalouxiae Standley & Williams, Ceiba, 1:154, 1950. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:466, 1984.
= **plebeja** Liebmann, 1853.

bartlettiana Merrill & Perry, J. Arnold Arbor.,

29:160, 1948. [***Diploclinium I***]. New Guinea. Fig. 9.4.

batesii C. de Candolle, Candollea, 2:228, 1925. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):171, 1994. Fig. 3.11. **R**
= **potamophila** Gilg, 1904.

baturongensis Kiew, Gardens' Bull. Singapore 53:251, 2001. [***Petermannia***]. Borneo: Sabah. Editus sero pro clave. **N**

bauensis Brade, Sellowia, 9:30, pl. 2:figs. 2–6, 1958. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):94, 1971.
= **isopterocarpa** Irmscher, 1953.

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odoratissima hort, 1926.

baviensis Gagnepain, Bull. Mus. Hist. Nat. (Paris), 25:195, 1919; in Lecomte, Fl. Indo-Chine, 2:1109, pl. 130, 1921. [***Platycentrum***]. Vietnam. Fig. 4.43.

beccariana Ridley, J. Roy. Asiat. Soc., Malayan Br., 1(87):62, 1923. [***Platycentrum ?***]. Indonesia: Sumatra. Fig. 31.19.

beccarii Warburg, Repert. Spec. Nov. Regni Veg., 18:329, 1922. [***Diploclinium I ?***]. Borneo. Fig. S177, (25;19-1a). **R**

beddomei J.D. Hooker, Bot. Mag., 110:pl. 6767, 1884. [***Platycentrum***]. India: Assam. Fig. 24.30, icon.
assamica Linden ex Pynaert, 1886.

bekopakensis Aymonin & Bosser, Fl. Madagascar, 144:24, pl. 6:figs. 1–2, 1983. [***Quadrilobaria***]. Madagascar. Fig. S94, (8;43-1a). **R**

bellii Léveillé, Fl. Kouy-Tchéou, :45, 1914. "*belli.*" —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:544, 1939.
= **porteri** Léveillé & Vaniot var. **porteri,** 1910.

bequaertii Robyns & Lawalrée, Bull. Jard. Bot. Etat., 18:286, 1947. [***Rostrobegonia***]. Congo. Fig. S199, (27;63-2). **R**

berhamanii Kiew, Gardens' Bull. Singapore 53:253, pl. 2, 2001. [***Petermannia***]. Borneo: Sabah. Editus sero pro clave. **N**

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beryllae Ridley, Sarawak Mus. J., 2(6):177. 1915. [***Petermannia***]. Borneo: Sarawak. Fig. 27.18.

besleriifolia Schott var. **besleriifolia,** in Sprengel, Syst. Veg., 4(app) :408, 1827, "*besleriaefolia.*" [***Ruizopavonia***]. Brazil. Fig. 20.36.

besleriifolia Schott var. **stuhriana** Brade, Arq. Jard. Bot. Rio de Janerio, 8:235, pl. 8, 1948. Brazil.

betsimisaraka Humbert ex Keraudren-Aymonin & Bosser, Bull. Mus. Hist. Nat. (Paris), III, 47:79, 1972. —M. Keraudren-Aymonin, Fl. Madagascar, 144:91, pl. 28:figs. 1–6, 1983. [***Erminea***]. Madagascar. Fig. 11.13.

bettinae R. Ziesenhenne, Begonian, 32,226, pl. 1965.[***Gireoudia***]. Mexico. Fig. 4.54.

bhotanensis hort, Begonian, 16:110, 1949, nomen nudum.

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= **angustiloba** A. de Candolle, 1859.

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langsdorffii A. de Candolle, 1859.

bidentata Raddi var. **insularum** A. de Candolle

in Martius, Fl. Bras, 4(1):381, pl. 99:fig. 2, 1861. Brazil.

biflora T. C. Ku, Acta Phytotax. Sin., 35(1):43, pl. 25, 1997 [***Coelocentrum***]. China. Fig. S212, icon (31;11-2a). **N**

bifolia Ridley, J. Fed. Malay States Mus., 8(4):40, 1917. [***Petermannia***]. Indonesia: Sumatra. Fig. 31.18.

bifuracata L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 45:113, pl. 1i–n, 1955. [***Knesebeckia***]. Peru. Fig. 31.6.

biguassuensis Brade, Arq. Jard. Bot. Rio de Janerio, 13:84, pl. 8, 1954. [***Pritzelia***]. Brazil. Fig. 3.39.

biliranensis Merrill, Philipp. J. Sci., 10:46, 1915. [***Diploclinium I***]. Philippines. Fig. 24.29.

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= **sinuata** Wallich ex Meisner var. **sinuata,** 1836.

binotii hort. ex C. Chevalier, Begonias, :256, 1938. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,466, 1984.
= **paulensis** A. de Candolle, 1859.

binuangensis Merrill, Philipp. J. Sci., 13:40, 1918. [***Petermannia***]. Philippines. Fig. 14.33.
bulusanensis Elmer ex Merrill, 1923, in obs, nomen nudum.
hemicardia Elmer ex Merrill, 1923, in obs, nomen nudum.

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= **sericoneura** Liebmann, 1853.

bipetala Loddiges in Steudel, Nom. Bot., ed. 2, :193, 1840. —Otto & Dietrich, Allg. Gartenzeitung, 9:59, 1841. errore typographico pro **dipetala** Graham, 1828.

bipindensis Gilg ex Engler, Veg. Erde, 9(3.2):619, 1921. —N. Hallé & A. Raynal, Addisonia, n.s. 6(1):113, 1966, pro syn. **squamulosa** J.D. Hooker, 1871, sphalmate praeter spec. Mann 1654. —N. Hallé, Adansonia, II, 12:365, pl. 4:fig. 1, 1972 [= *squamulosa* J.D. Hooker var. *bipindensis* (Gilg ex Engler) N. Hallé, 1972]. —J.C. Arends, Wageningen Agric. Univ. Papers, 91(6):195, 197, 1992, non rite comb. nova —J..J. de Wilde, Wageningen Univ. Papers, 2001-2:144, 2002. **R**
= **longipetiolata** Gilg, 1904.

bipinnatifida J.J. Smith, Bull. Dep. Agric. Indes Neerl., 2:47, 1906. [***Petermannia***]. New Guinea. Fig. 6.5, icon.

biserrata Lindley var. **biserrata,** J. Hort. Soc. London, 2:313, 1847. —W.J. Hooker, Bot. Mag., 79:pl. 4746, 1853. [***Quadriperigonia***]. Mexico, Guatemala. Fig. 5.8, icon.
Knesebeckia biserrata (Lindley) Klotzsch, 1855.
Knesebeckia crenatiflora Klotzsch & Putzeys, 1855.
palmaris A. de Candolle, 1859.
crenatiflora (Klotzsch & Putzeys) A. de Candolle, 1864.
palmata Pavon in herb. Boissier ex A. de Candolle, 1864, non D. Don, 1825.
palmaris A. de Candolle, var. *jurgensenii* A. de Candolle, 1864.
palmata Sessé & Mociño, 1890, non D. Don, 1825.

biserrata Lindley var. **glandulosa** L.B. Smith & B.G. Schubert, Contr. Gray Herb., 154:23, 1945. Mexico.

bissei J. Sierra, Revista Jard. Bot. Nac. Univ. Habana, 10:105, "1989" 1990. Flora de Cuba, 3:17, pl. 1, 2, 3 fig .12, 2000. [***Begonia***]. Cuba. Fig S125, icon (12;43-2a). **N**

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= **polyandra** Irmscher, 1953.

blumenaviensis Irmscher subsp. *brachyphylla* Irmscher, Bot. Jahrb. Syst, 76:46, 1953. —L.B. Smith & R.C. Smith, Fl. Il. Catarin.,

1(Bego):64, 1971.
= **polyandra** Irmscher, 1953.

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suffruticosa Pavon ex A. de Candolle, 1864, non Meisner, 1840.
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argentinensis Spegazzini, 1898.

boliviensis A. de Candolle var. **volcanensis** L.B. Smith & B.G. Schubert, Darwiniana, 5:84, 1941. Argentina.

boliviensis A. de Candolle var. **latitepala** Irmscher, Bot. Jahrb. Syst, 74:617, 1949. Argentina.

bolleana Urban & Ekman, Ark. Bot., 23A(5):92, 1930. [***Begonia***]. Haiti. Fig. 30.27, non typus.

bolsteri Merrill, Philipp. J. Sci., 6:387, "1911," 1912. [***Petermannia***]. Philippines. Fig. 27.7.

bombycina Blume, Enum. Pl. Javae, 1:97, 1827. —Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :192, 1855; Begoniac., :72, 1855 [= *Diploclinium bombycinum* Klotzsch, 1855]. —A. de Candolle, Prodr., 15(1):321, 1864.
= **isoptera** Dryander ex J.E. Smith, 1790.

bonii Gagnepain, Bull. Mus. Hist. Nat. (Paris), 25:196, 1919; in Lecomte, Fl. Indo–Chine, 2:1115, pl. 131, 1921. [***Reichenheimia I***]. Vietnam. Fig. 24.23.

bonitoensis Brade var. **bonitoensis,** Rodriguesia, 18:18, pl. 1, 1945. [***Pritzelia***]. Brazil. Fig. 16.20.

bonitoensis Brade var. **intermedia** Brade, Rodriguesia, 32:163, 1957. Brazil.

bonthainensis Hemsley, Bull. Misc. Inform., :37, 1896. [***Petermannia***]. Indonesia: Sulawasi. Fig. 5.18.

bonus–henricus J.J. de Wilde, Misc. Pap. Landbouwhogesch. Wageningen, 19:409, pls. 5–6, 1980. [***Squamibegonia***]. Cameroon. Fig.S41, icon; (14; 4-2). **R**

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= **urophylla** W.J. Hooker, 1855.

boraceiensis Handro, Loefgrenia, 27:1, 1968. [***Pritzelia***]. Brazil. Fig. 31.8.

borneensis A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:128, 1859. [***Petermannia***]. Borneo. Fig. S30, (27;17-1). **R**

bosseri Keraudren, Fl. Madagascar, 144:32, pl. 8, 1983. [***Erminea ?***]. Madagascar. Fig. S88, (8;4-1a). **R**

boucheana (Klotzsch) A. de Candolle, Prodr., 15(1):373, 1864. [***Pritzelia***]. Venezuela. Fig. 3.38.
Gurltia boucheana Klotzsch, 1856.

bowerae R. Ziesenhenne var. **bowerae,** Begonian, 17:78, pl, 1950. "*boweri.*" [***Gireoudia***]. Mexico. Fig. 25.19.

bowerae R. Ziesenhenne var. **major** R. Ziesenhenne, Begonian, 40:288, pl, 1973. Mexico.

bowerae R. Ziesenhenne var. **nigramarga** R. Ziesenhenne, Begonian, 40:288, pl, 1973 Mexico.

bowerae R. Ziesenhenne var. **roseiflora** R. Ziesenhenne, Begonian, 40:288, pl, 1973. "*roseflora.*" Mexico.

bowringiana Champion ex Bentham, J. Bot. Kew Gard., Misc., 4:120, 1852. —W.J. Hooker, Bot. Mag., 86:pl. 5182, 1860. China: Hong Kong. Fig. 9.15, icon. —A. de Candolle, Prodr., 15(1):348, 1864 [= *laciniata* Roxburgh var. *bowringiana* A. de Candolle, 1864]. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:533, 1939 [= *laciniata* Roxburgh subsp. *bowringiana* Irmscher, 1939]. —J. Golding & C. Karegeannes, Phytologia, 54:494, 1984. **R**
= **palmata** D. Don var. **bowringiana** (Champion ex Bentham) J. Golding & C. Karegeannes, 1984.

bowringiana hort. Sander, Gard. Chron., III, 33:245, pl., 1903, non Champion, 1852. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:524, 1939.
= **cathayana** Hemsley, 1908.

brachybotrys Merrill & Perry, J. Arnold Arbor., 24:56, pl. 6j–m, 1943. —M.C. Tebbitt & J.H. Dickson, Brittonia, 52(1):114, 2000. [***Petermannia***]. New Guinea. Fig. 28.12, (Fig. 33.15).
brachyptera Merrill & Perry, 1948. Fig. 33.15.

brachyclada Urban & Ekman, Ark. Bot., 23A(5):99, 1930. [***Knesebeckia***]. West Indies: Haiti. Fig. 10.14.

brachypoda O.E. Schulz in Urban, Symb. Antil., 7:15, 1911. [***Begonia***]. Haiti. Fig. 30.26.
Begonia roseo flore, folio aurito, minor et glabra Plumier, 1700.
obliqua Linnaeus var. *beta* Linnaeus, 1753.
repens Lamarck var. *beta* Lamarck, 1785, excl. Plumier, Pl. Amer, 2:34, pl. 45, fig. 3, 1756.

brachyptera Hayata in Kawakami, List Pl. Form., :45, 1910, nomen nudum. —Tang–Shui Liu & Ming–Jou Lai, Fl. Taiwan, 3:796, 1977. **R**
= **hayatae** Gagnepain, 1919.

brachyptera Merrill & Perry, J. Arnold Arbor., 29:160, 1948. —M.C. Tebbitt & J.H. Dickson, Brittonia, 52(1):114, 2000. New Guinea. Fig. 33.15.
= **brachybotrys** Merrill & Perry, 1943.

bracteata Jack var. **bracteata,** Malay Misc., 2(7):13, 1822. —Koorders, Exkurs.–Fl. Java, 2:645. 1912 [= **lepida** Blume, 1827, sphalmate]. —J. Golding & C. Karegeannes, Phytologia, 54:494, 1984, nomen legitimum. [***Bracteibegonia***]. Indonesia: SumatraSine figura (19;13-1) **R**
Diploclinium bracteatum (Jack) Miquel, 1856, pro parte quoad pl. Jack, 1856.

bracteata Jack var. **gedeana** A. de Candolle, Prodr., 15(1):316, 1864. Indonesia: Java.

bracteosa A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:132, 1859. [***Cyathocnemis***]. Peru. Fig. 21.2, (28; 118-1a). **R**

bracteosa auct. non A. de Candolle: Rusby, Bull. New York Bot. Gard., 4:365, 1907. —L.B. Smith & B.G. Schubert, Revista Univ. (Cuzco), 33(87):76, 1944.
= **juntasensis** Kuntze, 1898.

bradei Irmscher, Bot. Jahrb. Syst., 76:60, 1953. [***Pritzelia***]. Brazil. Fig. 29.26. **R**
macrocarpa pubescens H.K. Krauss, 1947.
laetevirides Gilg ex E. Carrell, nomen nudum.

brandbygeana L.B. Smith & D.C. Wasshausen in Harling & Andersson, Fl. Ecuador, 25:54, pl. 11, 1986. [***Knesebeckia ?***]. Ecuador. Fig. S150, (17;32.2a). **N**

brandisiana Kurz, J. Asiat. Soc. Beng., 40(2):58, 1871; Flora, 54(19):295, 1871. [***Reichenheimia II***]. Burma. Fig. 4.29.

brasila A. de Candolle, Mem. Soc. Phys. Geneve, 7:295, 1836, non Jard. Geneve 34 ; in Martius, Fl. Bras., 4(1):344, 1861.

= **hirtella** Link var. **hirtella,** 1822.

brasiliana Schrank ex Steudel, Nom. Bot. ed 2, 1:193, 1840. nomen nudum. —A. de Candolle, Mem. Soc. Phys. Geneve, 7:295, 1836 ; in Martius, Fl. Bras., 4(1):344, 1861.
= **hirtella** Link var. **hirtella,** 1822.

brasiliensis hort. ex Everett, J. New York Bot. Gard., 40:256-7, pl., 1939, non Klotzsch, 1855.
= **acida** Vellozo, 1831.

brasiliensis Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :122, 1854, nomen nudum ; Abh. Königl. Akad. Wiss. Berlin 1854, :154, 1855; Begoniac., :34, 1855. —L.B. Smith & B.G. Schubert, Darwiniana, 5:110, pl. 15, 1941. —; J. Wash. Acad. Sci., 40:245, 1950 [= *patula* Haworth, 1819]. —Irmscher, Bot. Jahrb. Syst., 76:24, 1953 [= *fischeri* Schrank var. *brasiliensis* Irmscher, 1953]. L.B. Smith & D.C. Wasshausen, Phytologia, 54:466, 1984.
= **fischeri** Schrank var. **fischeri,** May 1820.

brassii Merrill & Perry, J. Arnold Arbor., 24:43, pl. 2a–f, 1943. [***Diploclinium II***]. New Guinea. Fig. 27.39.

breedlovei K. Burt–Utley, Brittonia, 38:336, pl. 3, 1986. [***Gireoudia***]. Mexico. Fig. S187, icon (25;60-2c). **N**

bretschneideriana Hemsley in W.J. Hooker, Icon. Pl. IV, 27:pl. 2635, 1900, Fig. 24.22, icon. —emend. Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:517, 1939. —Woon–Young Chun & Faith Chun, Sunyatsenia, 4:24, pl. 7, 1939. **R**
= **leprosa** Hance, 1883.

brevibracteata Kupicha in Launert, Fl. Zambesiaca, 4:505, pl. 122, 1978. [***Augustia***]. Malawi. Fig. S142, (16;10-1a). **N**

brevicaulis A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:135, 1859. [***Parvibegonia***]. India: Himalaya. Fig. 12.5.

brevicaulis T. C. Ku, Acta Phytotax. Sin., 35(1):53, pl.31, 1997, non A. de Candolle, 1859; Acta Phytotax. Sin., 37(2): 193, 1999 **N**
= **sinobrevicaulis** T.C. Ku, 1999.

brevicordata L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 45:113, pl. 1o–r, 1955. [***Cyathocnemis***]. Peru. Fig. 12.10.

brevicyma C. de Candolle, Smithsonian Misc. Collect., 69(12):3, 1919. [***Weilbachia ?***]. Panama. Fig. 24.12. **R**

brevilobata Irmscher var. **brevilobata,** Bot. Jahrb. Syst., 76:63, 1953. [***Pritzelia***]. Brazil. Fig. 19.20.

brevilobata Irmscher var. **subtomentosa** Irmscher, Bot. Jahrb. Syst., 76:64, 1953. Brazil.

brevipes Merrill, Philipp. J. Sci., 6:378, "1911," 1912. [***Petermannia***]. Philippines. Fig. 16.25.

brevipetala (A. de Candolle) Warburg var. **brevipetala,** in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894. —L. Dorr, Harvard Papers in Botany, 4(1):253, 1999. [***Casparya***]. Venezuela. Fig. 34.13. **R**
Casparya brevipetala A. de Candolle, 1859.

brevipetala (A. de Candolle) Warburg var. *luteynorum* L.B. Smith & D.C. Wasshausen, Phytologia, 64:77, 1987. — L. Dorr, Harvard Papers in Botany 4(1):254, 1999.
= **lipolepis** L.B. Smith var. **luteynorum** (L.B. Smith & D.C. Wasshausen) L. Dorr, 1999.

brevirimosa Irmscher, Bot. Jahrb. Syst., 50:358, 1913. [***Petermannia***]. New Guinea, Fig. 28.58.

brevisetulosa C.Y. Wu, Acta Phytotax. Sin., 33(3):265, pl. 12, 1995. [***Platycentrum***]. Fig. S96, icon (8;69-1a). **N**

bridgesii A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:132, 1859. [***Hydristyles***]. Bolivia. Fig. 30.17. *cuninghamei* Sprague, 1912.

brongniartiana Lemaire, Hort. Universel, 5:355, 1844. —L.B. Smith & D.C. Wasshausen, Phytologia, 55:112, 1984. Descriptione inchoata. [*?*]. **R**

brongniartii Lemaire, Hort. Universel, 5:136, pl, 1843, in icon, **peltata** in text. [?]. Fig. S3; (3;46-1) **R**

brooksii hort, Begonian, 35:53, 1968, nomen nudum.

broussonetiifolia A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:130, 1859, "*broussonetiaefolia.*" [—L.B. Smith & B.G. Schubert, Ann. Missouri Bot, Gard., 45:60, 1958. = **involucrata** Liebmann, 1853, sphalmate]. —K. Burt–Utley, Tulane Studies Zool. Bot., 25(1):49, 1985, nomen legitimum. Guatemala. Fig. 32.8. **R**

bruneelii De Wildeman, Ann. Mus. Congo, V, 2:318, pl. 78:fig. 1, 1908; Ann. Mus. Congo, V, 3:450, 1912.
= **macrocarpa** Warburg, 1895.

bruneiana Sands, Check List Flowering Pl of Brunei Darussalam, App. 2: 433, 1997. Brunei. Editus sero pro clave. **N**

bruneiana Sands, subsp. **bruneiana** Check List Flowering Pl of Brunei Darussalam, App. 2: 433, 1997. Brunei. Editus sero pro clave. **N**

bruneiana Sands, subsp. **retakensis** Sands, Check List Flowering Pl of Brunei Darussalam, App. 2: 433, 1997. Brunei. Editus sero pro clave. **N**

bruneiana Sands, subsp. **labiensis** Sands, Check List Flowering Pl of Brunei Darussalam, App. 2: 433, 1997. Brunei. Editus sero pro clave. **N**

bruneiana Sands, subsp. **angustifolia** Sands, Check List Flowering Pl of Brunei Darussalam, App. 2: 433, 1997. Brunei. Editus sero pro clave. **N**

buchholzii Gilg, Bot. Jahrb. Syst., 34:96, 1904.—, Sosef & de Wilde, Wageningen Agric. Univ. Papers, 98(2):231, 1998. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:196, 2002. Fig. 20.35. **R**
= **preussii** Warburg, 1895.

buchtienii Irmscher, Bot. Jahrb. Syst., 74:595, 1949. [***Ruizopavonia***]. Bolivia. Fig. 29.25.

buddleiifolia A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:141, 1859. "*buddleiaefolia.*" —L.B. Smith & B.G. Schubert, Caldasia, 4:100, pl. 12, 1946. [***Pilderia***]. Venezuela to Peru. Fig. 18.19.
urticifolia hort. Berol. ex Klotzsch, 1854.
Pilderia urticifolia Klotzsch, 1854, nomen nudum.
lantanifolia A. de Candolle, 1859.
pilderia A. de Candolle, 1864.
urticifolia (Klotzsch) Warburg 1894.

bufoderma L.B. Smith & D.C. Wasshausen, Phytologia, 52:445, 1983. Fig. S35, (29;50-1). **R**
papillosa Lindley, 1841, non Graham, 1828.

bui–montana Yamamoto, J. Soc. Trop. Agric., 5:353, 1933. Taiwan. Sine figura; (27;77-2) & (29;43-2). **R**
fenchihuensis Shao-Shun Ying, 1988.

bulbifera hort. ex Steudel, Nom. Bot., 1:104, 1821, pro syn. *evansiana* Andrews, 1811. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:492, 1939.
= **grandis** Dryander subsp. **evansiana** (Andrews) Irmscher, 1939,

bulbifera Loddiges ex Otto & Dietrich, Allg. Gartenzeitung, 9:59, 1841, sphalmate pro **bulbillifera** Link & Otto, 1831.

bulbifera Moricand ex A. de Candolle, Prodr., 15(1):310, 1864, non Link & Otto, 1831, pro syn. **gracilis** Kunth in Humboldt, Bonpland & Kunth var. **martiana** A. de Candolle, 1864.

bulbillifera Link & Otto, Icon. Pl. Rar., (7–8):89, pl. 45, 1831. [***Quadriperigonia***]. Mexico. Fig. 27.16.
bulbifera Loddiges ex Otto & Dietrich, 1841.
Knesebeckia bulbifera (Link) Klotzsch, 1854.
tuberosa Pavon ex A. de Candolle, 1864, non Lamarck, 1785.

bulbosa Léveillé, Repert. Nov. Sp., 7:21, 1909.

—Gagnepain, Bull. Mus. Hist. Nat. (Paris), 25:282, 1919 [= *sinensis* A. de Candolle, 1859]. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:494, 1939.
= **grandis** Dryander subsp. **sinensis** (A. de Candolle) Irmscher, 1939.

bullata J. Linden ex Van den Heede, Begonia, :163, 1903, nomen nudum. Mexico.

bullata Urban & Ekman, Ark. Bot., 23A(5):98, 1930. [***Begonia***]. West Indies: Haiti. Fig. 23.30.

bulusanensis Elmer ex Merrill, Enum. Philipp. Fl. Pl., 3:120, 1923, in obs., nomen nudum.
= **binuangensis** Merrill, 1918.

burbidgei Stapf, Trans. Linn. Soc. London, Bot., II, 4:165, 1894. [***Petermannia***]. Borneo: Sabah. Fig. 28.5.

burkei hort, Veitchs' Cat., :39, 1894, non visus. [*?*]. Burma. Descriptione inchoata.

burkillii Dunn, Bull. Misc. Inform., :110, 1920. "*burkilli.*" India: Himalaya. Sine figura; (23;4-1) & (24;26-1)

burkillii Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:116, pl. 4, 1929, non Dunn, 1920; Bot. Jahrb. Syst., 76:100, 1953.
= **aceroides** Irmscher, 1953.

burle–marxii Brade, Arq. Jard. Bot. Rio de Janerio, 15:37, pl. 6:figs. 1–11, 1957. [***Donaldia***]. Brazil. Fig. 18.3.

burmensis L.B. Smith & D.C. Wasshausen, Phytologia, 52:445, 1983. [***Lauchea***]. Burma. Fig. S118, (11;22-2). **R**
macgregorii W.W. Smith, 1914, non Merrill, 1912.

buseyi K. Burt–Utley, Brittonia, 34:189, pl. 1, 1982. [***Gireoudia***]. Central America: Panama. Fig. 9.8.

buttonii Irmscher, Bot. Jahrb. Syst., 81:178, pl. 11:fig. 1, 1961. Natal. Fig. 5.19. —Hilliard in Ross, Fl. South Afr., 22:141, 1976 [= *sutherlandii* J.D. Hooker var. *sutherlandii*, 1868]. —Kupicha in Launert, Fl. Zambesiaca, 4:503, 1978. **R**
= **sutherlandii** J.D. Hooker subsp. **sutherlandii**, 1868.

caespitosa Jack, Malay Misc., 2(7):8, 1822. [***Diploclinium I ?***]. Indonesia: Sumatra. Fig. 24.7.
Diploclinium caespitosa Miquel, 1856.

cacauicola L.B. Smith ex S.F. Smith & D.C. Wasshausen, Selbyana 20(1):16, pl.1, 1999. [***Begonia ?***] Brazil. Fig. S221, (34;10-2a) **N**

caffra Meisner, Linnaea, 14:502, "1840," 1841. —A. de Candolle, Prodr., 15(1):384, 1864 [= *dregei* Otto & Dietrich var. *caffra* A. de Candolle, 1864]. —Irmscher, Bot. Jahrb. Syst., 81:136, pl. 4:fig. 1g–i, 1961. —Burtt, Notes Roy. Gard. Edinburgh, 32:274, 1973.
= **homonyma** Steudel, 1840.

caffra Meisner var. *favargeri* (Rechinger) Irmscher, Bot. Jahrb. Syst., 81:137, 1961. —Hilliard in Ross, Fl. South Afr., 22:141, 1976.
= **homonyma** Steudel, 1840.

caffra Drege ex A. de Candolle, Prodr., 15(1):384, 1864, pro syn. *caffra* Meisner var. *caffra* A. de Candolle, 1864. —Irmscher, Bot. Jahrb. Syst., 81:136, 1961 [= *caffra* Meisner, 1841]. —Burtt, Notes Roy. Gard. Edinburgh, 32:274, 1973.
= **homonyma** Steudel, 1840.

caffra J.B. Davy, Man. Pl. Transvaal, :232, 1926, non visus. —Hilliard in Ross, Fl. South Afr., 22:137, 1976.
= **sonderiana** Irmscher, 1961.

calabarica Stapf, Bull. Misc. Inform., :20, 1906. —Fotsch, Begonien, :41, 1933 [= *modica* Stapf, 1908], —Engler, Veg. Erde, 9(3.2):617, 1921 [= *whytei* Stapf, 1905], —Keay in Hutchinson & Dalziel, Fl. W. Trop. Afr., ed. 2, 1:218, 1954. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):186, 1994. **R**
= **quadrialata** Warburg subsp. **quadrialata** var. **quadrialata** M. Sosef, 1994.

calabarica auct. non Stapf: Wilczek, Fl. Congo, Rwanda, Burundi, :35, 1969. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):259, fig. 17.13, 1994. **N**
= **mildbraedii** Gilg 1913.

calcarea Ridley, J. Roy. Asiat. Soc., Straits Br., 46:260, 1906. [***Diploclinium I ?***]. Borneo: Sarawak. Sine figura.

calciphylla hort. ex J. Houlston, Florist Fruitist Gard. Misc., :92, 1853, nomen nudum.

calderonii Standley, Field Mus. Nat. Hist., Bot. Ser., 8:27, 1930. [***Weilbachia***]. Central America. Fig. 2.41. (2.41, icon) .
falcata L.B. Smith & B.G. Schubert, 1939. Fig. 2.41

calcicola Merrill, Philipp. J. Sci., 6:400, "1911," 1912. [***Diploclinium I***]. Philippines. Fig. 24.16.

californica T.S. Brandegee, Proc. Calif. Acad. Sci., 3:104, 1891. —L.B. Smith & D.C. Wasshausen, Phytologia, 4,466, 1984.
= **palmeri** S. Watson, 1886.

calliantha Merrill & Perry, J. Arnold Arbor., 24:47, pl. 3a–b, 1943. [***Petermannia***]. New Guinea. Fig. 16.30, icon.

calophylla Gilg ex Engler, Veg. Erde, 9(3.2):617, 1921. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):219, 1994.
= **anisosepala** J.D. Hooker, 1871.

calophylla Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 6:351, 1927, non Gilg ex Engler, 1921. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:441, 1983.
= **algaia** L.B. Smith & D.C. Wasshausen, 1983.

cameroonensis L.B. Smith & D.C. Wasshausen, Phytologia, 52:443, 1983. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):222, 1994. **R**
= **ciliobracteata** Warburg, 1895.

camiguinensis Elmer, Leafl. Philipp. Fl., 7:2553, 1915. —Merrill, Enum. Philipp. Fl, :pl. 119, 1923.
= **acuminatissima** Merrill, 1912.

campos–portoana Brade, Arq. Jard. Bot. Rio de Janerio, 13:85, pl. 9, 1954. [***Pritzelia***]. Brazil. Fig. 3.42.

canaliculata Brade, Arq. Jard. Bot. Rio de Janerio, 10:132, pl. 1, 1950. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:441, 1983.
= **sylvatica** Meisner ex A. de Candolle, 1859.

canarana Miquel, Ann. Bot. Ind., 3:18, 1852. [***Parvibegonia***]. India. Fig. 11.8, non typus.
rubella Miquel, 1852, non F. Hamilton, 1825.

candicans Graham, Edinburgh New Philos. J., :185, 1827, non **Begonia** sed **Bignonia**.

candollei R. Ziesenhenne, Begonian, 36:35, pl. 1969. [***Parietoplacentalia***]. Mexico. Fig. 30.9.

cantareira hort. Begonian, 17:175, 258, 1950; Begonian, 19:180, 1952.
= **acetosa** Vellozo, 1831.

capanemae Brade, Arq. Jard. Bot. Rio de Janerio, 13:73, pl. 2, 1954. [***Pritzelia***]. Brazil. Fig. 31.21, icon.

capensis Linnaeus f., Suppl., :420, 1781. —Dryander, Trans. Linn. Soc., 1:170, 1791. —M. Keraudren–Aymonin, Fl. Madagascar, 144:105, 1983. [*?*]. Brazil, Comoros? India? Descriptione inchoata. **R**
obliqua Linnaeus, 1771, non Linnaeus, 1753.
diptera Dryander, 1791.

capensis Blanco, Fl. Filip., :724, 1837., non Linnaeus f., 1781. —Naves, Fl. Filip., ed. 3, 3:127, pl. 413, 1879, Fig. 23.26, icon. —Merrill, Philipp. J. Sci., 6:393, "1911," 1912.
= **nigritarum** (Kamel) Steudel, 1821.

capillipes Gilg, Bot. Jahrb. Syst., 34:96, 1904. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:45, pl. 1, 2002. [***Tetraphila***]. Cameroon, Equatorial Guinea, Gabon. Fig. 14.51, (14.52). **R**
cultrata Irmscher, 1921. Fig, 14.52

capituliformis Irmscher, Bot. Jahrb. Syst., 50:354, 1913. [***Petermannia***]. Indonesia: Sulawasi. Fig. 27.31.

caraguatatubensis Brade, Arq. Jard. Bot. Rio de Janerio, 13:87, pls. 10–11, 1954. [***Pritzelia***]. Brazil. Fig. 32.19.

cardiocarpa Liebmann, Vid. Medd. Naturh. For. Kjöbenhavn 1852, :13, 1853. [***Gireoudia***]. Central America: Nicaragua. Fig. 22.23.
Gireoudia cardiocarpa (Liebmann) Klotzsch, 1854.
bakeri C. de Candolle, 1908.

cardiophora Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:104, pl. 2, 1929. [***Reichenheimia II***]. Siam. Fig. 11.9.

cariocana Brade ex L.B. Smith & D.C. Wasshausen, Phytologia, 52:442, pl. 1, 1983. [***Pritzelia ?***]. Brazil. Fig. S71, (4;25-1), it replaces Fig. 4.19, that photo is of **coriacea**. **R**
cariocana Brade, 1945, nomen nudum.
riedelii A. de Candolle var. *latifolia* Brade, 1945.

cariocana Brade, Rodriguesia, 18:26. 1945, nomen nudum. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:442, 1983. **R**
= **cariocana** Brade ex L.B. Smith & D.C. Wasshausen, 1983.

carletonii Standley, J. Wash. Acad. Sci., 17:314, 1927. [***Weilbachia ?***]. Central America: Panama. Fig. 26.17.

carnosa Teijsmann & Binnendijk, Epim. Lugd. Bat., :4, 1863, non visus. [***Petermannia***]. Indonesia: Moluccas. Fig. 25.3.
Diploclinium carnosum Teijsmann & Binnendijk, 1863.

carnosula Ridley, J. Fed. Malay States Mus., 4:20, 1909. [***Diploclinium I ?***].Malaya. Fig. 12.24.

carolineifolia Regel, Gartenfl., 1:259, pl. 25, 1852. "*caroliniaefolia.*" [***Gireoudia***].Mexico, Guatemala. Fig. 5.2
Gireoudia carolineifolia (Regel) Klotzsch, 1854.
Gireoudia rotata (Regel) Klotzsch, 1855.
rotata Liebmann, 1853.

carollina in F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2:18, 1974, sphalmate pro **corallina** Carriere, 1875.

carpinifolia Liebmann, Vid. Medd. Naturh. For. Kjöbenhavn 1852, :20, 1853. [***Ruizopavonia***]. Central America: Costa Rica, Panama. Fig. S157, (20;41-1), it replaces Fig. 20.23, that photo is of **udisilvestris**. **R**
Gireoudia carpinifolia (Liebmann) Klotzsch, 1854.

carpinifolia Liebmann var. *rubro–involucrata* hort, Begonian, 8:122, 241, 1946, nomen nudum. Costa Rica.

carrieae R. Ziesenhenne, Begonian, 43:134, pl, 1976. [***Gireoudia***]. Mexico. Fig.S23, (22; 42-2), (25;61-2)

casiguranensis Quisumbing & Merrill, Philipp. J. Sci., 37:172, 1928. [***Petermannia***]. Philippines. Fig. 21.34.

caslerima F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2:18, 1974, sphalmate pro **consobrina** Irmscher, 1937.

castaneifolia hort. Petrop. ex Otto & Dietrich, Allg. Gartenzeitung, 4:356, 1836. Brazil. Descriptione inchoata..
Tittelbachia castaneifolia (Otto & Dietrich) Klotzsch, 1854.

castaneifolia auct. non Otto & Dietrich: hort. Boissier ex A. de Candolle in Martius, Fl. Bras., 4(1):377, 1861, "*castaneaefolia*"; Schott ex A. de Candolle in Martius, Fl. Bras., 4(1):377, 1861, pro syn. **fruticosa** A. de Candolle, 1861.

castilloi Merrill, Philipp. J. Sci., 13:38, 1918. [***Diploclinium I ?***]. Philippines. Fig. 25.20.

cataractarum J. Braun & K. Schumacher, Mitth. Forschungsreisenden Gel. Deutsch. Schutzgeb., 2:167, 1889. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:187, 2002. **R**

= **polygonoides** J.D. Hooker 1871

catharinensis Brade, Rodriguesia, 18:31, pl. 3, 1945. [***Pritzelia***]. Brazil. Fig. 30.39, icon.

cathayana Hemsley, Bot. Mag., 134:pl. 8202, 1908. [***Platycentrum***]. China: Yunnan. Fig. 12.13, icon.
bowringiana hort. Sander, 1903, non Champion, 1852.

cathcartii J.D. Hooker & Thomson, Il. Himal, Pl., :pl. 13, 1855. [***Platycentrum***]. India: Sikkim. Fig. 28.2.
Platycentrum cathcartii (J.D. Hooker & Thomson) Klotzsch, 1855.
nemophila Kurz, 1877.

caudata Merrill, Philipp. J. Sci., 13:41, 1918. [***Petermannia***]. Philippines. Fig. 25.15.

caudilimba C. de Candolle, Smithsonian Misc. Collect., 69(12):9, 1919.—L.B. Smith & B.G. Schubert, Caldasia, 4:15, pl. 2, 1946.
= **nelumbiifolia** Schlechtendal & Chamisso, 1830.

cauliflora Sands, Kew Magazine, 7:68, pl. 147, 1990. [***Petermannia***]. Sabah. Fig. S144, icon (16;36-1a). **N**

cavalerici Léveillé var. **cavalerici,** Repert. Nov. Sp., 7:20, 1909. [***Diploclinium I***]. China. Fig. 3.21. *esquirolii* Léveillé, 1912.

cavalerici Léveillé var. **pinfaensis** Léveillé, Repert. Nov. Sp., 7:20, 1909. China.

cavallyensis A. Chevalier, Bull. Soc. Bot. France, 58(Mem.8d):176, "1911," 1912. —M.L. Thompson, Begonian, 44:295, 1977..—J.J. de Wilde, Wageningen Univ. Papers, 2001-2:52, pl.2, 2002. [***Tetraphila***]. Ivory Coast & Guinea to Ghana. Fig.S136; (15;4-2a). **R**
rubromarginata auct. non Gilg: Hutchinson & Dalziel, 1927.
eminii auct. non Warburg: Keay in Hutchinson & Dalziel, 1954
fusicarpa auct. non Irmscher: Adam, 1971.

cavum R. Ziesenhenne, Begonian, 15:20, 1948. [***Knesebeckia***]. Mexico. Fig. 28.30.

cebadillensis Houghton ex L.B. Smith & B.G. Schubert, Contr. Gray Herb., 161:26, pl. 3, 1946. [***Knesebeckia***]. Central America. Fig. 27.5. **R**
cebadillensis Houghton 1925, nomen nudum.

cehengensis T.C. Ku, Acta Phytotax. Sin., 33(3):254, pl. 3, 1995. [***Diploclinium II***]. China: Guizhou. Fig S137, icon (15; 4-2c). **N**

cebadillensis Houghton in Standley & Calderon, Lista Prelim. Pl. Salvad., :156, 1925, nomen nudum.—L.B. Smith & B.G. Schubert, Contr. Gray Herb., 161:26, pl. 3, 1946. **R**
= **cebadillensis** Houghton ex L.B. Smith & B.G. Schubert, 1946.

celebica Irmscher, Bot. Jahrb. Syst., 50:353, 1913; Bot. Jahrb. Syst., 50:573, pl. 4:figs. 25a–b, 1914. [***Petermannia***]. Indonesia: Sulawasi. Fig. 28.4.

cerasiphylla L.B. Smith & D.C. Wasshausen, Phytologia, 52,446, 1983. Brazil. Fig. 14.1, icon.
scandens Vellozo, 1831.

ceratocarpa S.H. Huang, & Y.M. Shui, Acta Bot. Yunnanica, 21(1):13, pl. 2, 1999. [***Sphenanthera***]. China: Yunnan. Fig. S236, icon (9;35-1c). **N**

chaetocarpa Kuntze var. **chaetocarpa,** Revis. Gen. Pl., 3(2):105, 1898. [***Ruizopavonia***]. Bolivia. Fig. 19.23. **R**

chaetocarpa Kuntze var. **glabriflora** L.B. Smith & B.G. Schubert, Revista Univ. (Cuzco), 33(87):76, 1944.

chapecoensis Brade, Sellowia, 9:33, pl. 4, 1958. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):106, 1971.
= **per–dusenii** Brade, 1952.

charadrophila Tutin, J. Bot., 78:251, 1940.—L.B. Smith & D.C. Wasshausen, Phytologia, 52:442, 1983.
= **filipes** Bentham, 1844.

chepoensis C. de Candolle, Smithsonian Misc.

Collect., 69(12):8, 1919.—L.B. Smith & B.G. Schubert, Ann. Missouri Bot. Gard., 45:56, 1958.
= **filipes** Bentham, 1844.

chevalieri Warburg ex A. Chevalier, Bull. Soc. Bot. France, 58(Mem.8d):177, "1911," 1912. —Keay in Hutchinson & Dalziel, Fl. W. Trop. Afr., ed. 2, 1:219, 1954.
= **rostrata** Welwitsch ex J.D. Hooker var. **rostrata,** 1871.

chevalieri auct. non Warburg ex A. Chevalier: Exell, J. Bot., 67, suppl., 1:197. 1929. —Fernandes, Bol. Soc. Brot., I, 44:10, pls. 5–6, 1970.
= **rostrata** Welwitsch ex J.D. Hooker var. **brachyptera** Fernandes, 1970.

chiapensis K. Burt–Utley, Brittonia, 38:333, pl. 1, 1986. [***Gireoudia***]. Mexico. Fig. S186, icon (25;60-2b). **N**

chimborazo hort, Begonian, 17:18, 1950, nomen nudum. Guatemala. .

chingii Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:519, 1939. [***Reichenheimia III***]. China. Fig. 8.40.

chiriquensis Standley, Ann. Missouri Bot. Gard., 27:321, 1940.—L.B. Smith & B.G. Schubert, Caldasia, 4:34, 1946.
= **urticae** Linnaeus f., 1781.

chiriquina C. de Candolle, Smithsonian Misc. Collect., 69(12):8, 1919.—L.B. Smith & B.G. Schubert, Ann. Missouri Bot. Gard., 45:66, 1958.
= **seemanniana** A. de Candolle var. **seemanniana,** 1859.

chishuiensis T.C. Ku, Acta Phytotax. Sin., 33(3):267, 1995. [***Platycentrum***]. China: Guizhou. Sine figura; (8;43-1b). **N**

chitoensis Tang–Shui Liu & Ming–Jou Lai, Fl. Taiwan, 3:793, pl. 820, 1977. [***Platycentrum ?***]. Taiwan. Fig. S39, icon (34; 65-2 & 34;86-2). **R**

chivatoa R. Ziesenhenne, Begonian, 17:54, pl, 1950. [***Gireoudia***]. Mexico. Fig. 4.32.

chlorandra Sands, Check List Flowering Pl of Brunei Darussalam, App. 2: 432, 1997. Brunei. Editus sero pro clave. **N**

chlorolepis L.B. Smith & B.G. Schubert, Caldasia, 4:16, pl. 3, 1946. [***Casparya***]. Colombia. Fig. 17.1.

chloroneura P. Wilkie & Sands, New Plantsman, 6(3):132, pls., 1999. [***Diploclinium***]. Philippines. Fig. S193, icon (26; 93-1a). **N**

chlorosticta Sands, Bot. Mag., n.s., 183(4):134, pl. 827, 1982. [***Petermannia***]. Borneo: Sarawak. Fig. S207, icon (30;30-1b). **R**

chuniana C.Y. Wu, Acta Phytotax. Sin., 33(3):267, pl. 13, 1995. [***Parvibegonia***]. China: Hainan. Fig. S189, icon (26;29-1a). **N**
handelii auct. non Irmscher: Fl. Hainan, 1964.

cilatobracteata Engler, Veg. Erde, 9(3.2):616, 1921, sphalmate pro **ciliobracteata**, Warburg, 1895.

ciliata Kunth in Humboldt, Bonpland & Kunth, Nov. Gen. Sp., 7:folio 136, quarto 178, 1825. —A. de Candolle in Martius, Fl. Bras., 4(1):344, 1861.
= **hirtella** Link var. **hirtella,** 1822.

ciliata Kunth in Humboldt, Bonpland & Kunth var. *nana* Klotzsch ex A. de Candolle in Martius, Fl. Bras., 4(1):345, 1861, pro syn. **hirtella** Link var. **nana** A. de Candolle, 1861.

ciliata hort. ex Steudel, Nom. Bot., ed. 2, 1:193, 1840, non Kunth in Humboldt, Bonpland & Kunth, 1825, pro syn. *insignis* Graham, 1829. —Walpers, Repert. Bot. Syst., 2:213, 1843.
= **incarnata** Link & Otto var. **incarnata,** 1829.

ciliata Pavon ex A. de Candolle, Prodr., 15(1):331, 1864, non Kunth in Humboldt, Bonpland & Kunth, 1825, pro syn. **subciliata** A. de Candolle var. **subciliata**, 1859.

cilibracteata C. de Candolle, Smithsonian Misc.

Collect., 69(12):5: 1919. —L.B. Smith & B.G. Schubert, Ann. Missouri Bot. Gard., 45:57, 1958 [= *fischeri* Schrank var. *tovarensis* Irmscher, 1953] —L.B. Smith & D.C. Wasshausen, Phytologia, 54,466, 1984.
= **fischeri** Schrank var. **fischeri**, May 1820.

ciliifera Merrill, Philipp. J. Sci., 6:376, "1911," 1912. [***Petermannia***]. Philippines. Fig. S18, (18;58-2). **R**

ciliobracteata Warburg, Bot. Jahrb. Syst., 22:40, 1895. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):222, pl. 17.3, 1994. [***Scutobegonia***]. Cameroon. Fig. 22.6. **R**
dielsiana Gilg, 1904, non E. Pritzel, 1900.
hookeriana Gilg ex Engler, 1921, non Gardner, 1845.
raynaliorum Wilczek, 1969.
cameroonensis L.B. Smith & D.C. Wasshausen, 1983.

ciliobracteata auct. non Warburg: Mildbraed, Wiss. Wiss. Erg. Zweiten Deutschen Zentr. Afr. Exp. 2, Bot.,:88, 1922; — De Wildeman, Ann. Mus. Congo, V, 3:451, 1912; — Hutchinson, Dalziel & Keay, Fl. W. Trop. Afr., ed. 2, 1(1):218, 1954; — Wilczek, Fl. Congo, Rwanda & Burundi :40, 1969; — J. Doorenbos, Begonian, 47:34, 1980; Reitsma, Meded. Landbouwhogesch. Wageningen 83(9):45,47, fig. 10D, 1984; — van den Berg, Agric. Univ. Wageningen Papers, 84(3): 38, 1985. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):242, 1994. **N**
= **hirsutula** J.D. Hooker 1871.

cincinnifera Irmscher, Webbia, 9:494, pl. 5, 1953. [***Petermannia***]. Borneo: Sarawak. Fig. 21.49.

cinnabarina W.J. Hooker, Bot. Mag., 75:pl. 4483, 1849. [***Eupetalum***]. Bolivia. Fig. 29.2, icon.
aurantiaca hort. ex Planchon, 1849.

circumlobata Hance, J. Bot., 21:203, 1883. [***Platycentrum***]. China. Fig. 4.46.

circumlobata auct. non Hance: Yü in Bull. Fan. Mem. Inst. Biol. 1(2):124, 1948, pro parte. quoad C. W. Wang 831611.—S.H. Huang, & Y.M. Shui, Acta Bot. Yunnanica, 21(1):16, 1999. **N**
= **laminariae** Irmscher, 1951.

cirrosa L.B. Smith & D.C. Wasshausen, Phytologia, 52:442, 1983. [***Coelocentrum***]. China. Sine figura; (9;42-1), (26;74-2 & (26;97-2). **R**
crispula Te-Tsun Yü ex Irmscher, 1951, non Brade, 1950.

cladocarpa Baker, J. Bot., 20:113, 1882. —M. Keraudren–Aymonin, Fl. Madagascar, 144:97, pl. 30, 1983. —Kazenga, J.J. deWilde & Quené, Bull. Jard. Bot. Belg., 63:288, 1994. Fig. 4.51
= **oxyloba** Welwitsch ex J.D. Hooker, 1871.

cladocarpoides Humbert ex Aymonin & Bosser, Fl. Madagascar, 144:82, pl. 25:figs. 4–7, 1983. [***Nerviplacentaria***]. Madagascar. Fig.84, (5;23-2a).**R**

clarkei J.D. Hooker Bot. Mag., 93:pl. 5675, 1867. —L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:186, 1941 [= **cinnabarina** W.J. Hooker, 1849]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:466, 1984, nomen legitimum. [***Eupetalum***]. Peru, Bolivia. Fig. 28.32.

clavicaulis Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:500, 1939. [***Diploclinium II***]. China. Fig. 29.14.

clemensiae Merrill & Perry, J. Arnold Arbor., 29:161, 1948. [***Petermannia***]. New Guinea. Fig. 6.12.

clivalis Ridley, J. Roy. Asiat. Soc., Straits Br., 54:43, 1909, pro parte. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:144, pls. 8–9, 1929. **R**
= **martabanica** A. de Candolle var. **pseudoclivalis** Irmscher, 1929.

clivalis Ridley, J. Roy. Asiat. Soc., Straits Br., 54:43, 1909, pro parte. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:144, pls. 8–9, 1929. **R**
= **sinuata** Wallich ex Meisner var. **clivalis** Irmscher, 1929.

clypeifolia J.D. Hooker in Oliver, Fl. Trop. Afr., 2:576, 1871. —M. Sosef, Wageningen Agric.

Univ. Papers, 94(1):227, fig. 17.4, pl. 2b, c & d, 1994. [***Scutobegonia***]. Gabon, Congo. Fig. 2.13. **R**
scutulum auct. non W.J. Hooker: van den Berg, 1985.

clypeifolia auct. non J.D. Hooker: Wilczek, Fl. Congo, Rwanda, Burundi, :37, 1969. —M. Sosef, Wageningen Agric. Univ. Papers, 91(4):145, "1991," 1992; Wageningen Agric. Univ. Papers, 94(1):283, 1994. **N**
= **zairensis** M. Sosef var. **zairensis,** 1992.

cobana C. de Candolle, Bull. Herb. Boissier, II, 8:322, 1908. —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:181, 1961. **R**
= **sartorii** Liebmann, 1853.

coccinea W.J. Hooker, Bot. Mag., 69:pl. 3990, 1843. [***Pritzelia***]. Brazil. Fig. 30.40, icon.
Pritzelia coccinea (W.J. Hooker) Klotzsch, 1854.
rubra hort. ex Irmscher, 1960.

coccinea W.J. Hooker var. *A. de Liming* Regel, Gartenflora, 17:194, 1868. —Irmscher, Bot. Jahrb. Syst., 76:29, 1953 [= *limmingheana* Morren, 1866]. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):14, 1971 [= *procumbens* Vellozo, 1831]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,469, 1984.
= **radicans** Vellozo, 1831.

coccinea W.J. Hooker var. *Comte Alfred de Limering* Regel, Gartenflora, 17:191, pl. 584, 1868. —Irmscher, Bot. Jahrb. Syst., 76:29, 1953 [= *limmingheana* Morren, 1866]. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):14, 1971 [= *procumbens* Vellozo, 1831].
= **radicans** Vellozo, 1831.

coccinea Ruiz ex Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :127, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :248, 1855; Begoniac., :128, 1855, pro syn. *Casparya coccinea* Klotzsch, 1855. —A. de Candolle, Prodr., 15(1):274, 1864, [= *Casparya columnaris* (Bentham) A. de Candolle var. *glabra*, A. de Candolle, 1864]. —L.B. Smith & B.G. Schubert, Caldasia, 4:33, 1946, pro parte.
= **urticae** Linnaeus f., 1781.

coccinea Ruiz & Pavon ex Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :247, 1855; Begoniac., :127, 1855, pro syn. *Casparya hirta* Klotzsch, 1855; non W.J. Hooker, 1843. —A. de Candolle, Prodr., 15(1):273, 1864 [= *Casparya cordifolia* A. de Candolle var. *hirta* A. de Candolle, 1864]. —L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:192, 1941. **R**
= **hirta** (Klotzsch) L.B. Smith & B.G. Schubert var. **hirta,** 1941.

cognata Irmscher, Webbia, 9:447, 1953. [***Petermannia***]. Borneo: Sarawak. Fig. 28.61.

collaris Brade, Bol. Mus. Nac. Rio de Janeiro, Bot, n.s, 1:14, pl. 5, 1944. [***Pritzelia***]. Brazil. Fig. 29.28, icon.

collina Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:135, 1929. [***Platycentrum***]. Malaya. Fig. 13.18.

collisiae Merrill, Philipp. J. Sci., 14:424, 1919. [***Diploclinium I***]. Philippines. Fig. 4.30.

colombiana L.B. Smith & B.G. Schubert, Caldasia, 4:29, pl. 6, 1946. —L.B. Smith & D.C. Wasshausen, Phytologia, 44:242, 1979 [= **longirostris** Bentham, 1845]; Phytologia, 55:112, 1984, nomen legitimum. [***Casparya***]. Colombia. Fig. 14.40.

colorata Warburg in Perkins, Fragm. Fl. Philipp., :51, 1904. [***Diploclinium I***]. Philippines. Fig. 25.6.

columnaris Bentham, Pl. Hartw., :131, 1844. —A. de Candolle, Prodr., 15(1):274, 1864 [= *Casparya columnaris* (Bentham) A. de Candolle, 1864]. —L.B. Smith & B.G. Schubert, Caldasia, 4:33, 1946.
= **urticae** Linnaeus f., 1781.

columnaris Bentham var. *glabra* (A. de Candolle) L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:187, 1941; Caldasia, 4:34, 1946.
= **urticae** Linnaeus f., 1781.

columnaris herb. Ruiz ex Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :127, 1854, pro syn. *Casparya columnaris* Klotzsch, 1855. —A. de Candolle, Prodr., 15(1):273, 1864 [= *Casparya cordifolia,* A. de Candolle, 1864]. —L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:192, 1941. **R**
= **hirta** L.B. Smith & B.G. Schubert var. **cordifolia** (A. de Candolle) L.B. Smith & B.G. Schubert, 1941.

columnaris Pavon in herb. Boissier ex A. de Candolle, Prodr., 15(1):274, 1864, pro syn. *Casparya columnaris*(Bentham) A. de Candolle var. *glabra*, A. de Candolle, 1864. —L.B. Smith & B.G. Schubert Field Mus. Nat. Hist., Bot. Ser., 13:187, 1941 [= *columnaris* Bentham var. glabra (A. de Candolle) L.B. Smith & B.G. Schubert,1941]; Caldasia, 4:34, 1946.
= **urticae** Linnaeus f., 1781.

comata Kuntze, Revis. Gen. Pl., 3(2):105, 1898. [***Warburgina***]. Bolivia. Fig. 20.25.

comorensis Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A) :139, 1894, nomen nudum; Bot. Jahrb. Syst., 22:38, 1895. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,466, 1984 [= *salaziensis* Gaudichaud var. *comorensis* L.B. Smith & D.C. Wasshausen, 1984]. —M. Keraudren–Aymonin, Fl. Madagascar, 144:98, pl. 31, 1983, nomen legitimum.—Kazenga, J.J. deWilde & Quené, Bull. Jard. Bot. Belg., 63:272, fig. 1, 1994. [***Mezierea***]. Comoros. Fig. S219, (33;5-2a). **R**
Mezierea salaziensis Gaudichaud var. *comorensis* A. de Candolle, 1864.
salaziensis Warburg var. *comorensis* (Warburg) L.B. Smith & D.C. Wasshausen, 1984.

compacticaulis Irmscher, Bot. Jahrb. Syst., 74:612, 1949. —L.B. Smith & D.C. Wasshausen, Phytologia, 44:244, 252, pl. 5, 1979. [***Knesebeckia***]. Ecuador. Fig. 1.4, non typus, Fig. S224, (1;4-2). **R**
griseocaulis auct. non Irmscher: L.B. Smith & B.G. Schubert, 1952, pro parte.

comperei Wilczek, Bull. Jard. Bot. Nat. Belg., 39:92, 1969. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):242, 1994. Fig. 22.8.
= **hirsutula** J.D. Hooker, 1871.

complicata (Hasskarl) A. de Candolle, Prodr., 15(1):399, 1864. [***Lepsia ?***]. Descriptione inchoata.

compta Bull, Cat., :7, 1886, non visus. [***Pritzelia***]. —T.H. Everett, J. New York Bot. Gard., 40:56, 1939. —H. Krauss, Begonias, :58, 1947. **R**
= **angularis** cv. Compta hort., T.H. Everett, 1939.

concanensis A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:126, 1859. [***Diploclinium II ?***]. India. Fig. 34.2.

conchifolia Dietrich var. **conchifolia,** Allg. Gartenzeitung, 19:258, 1851. "*conchaefolia*".[***Gireoudia***]. Costa Rica, Panama. Fig. 2.2, non typus. **R**
warscewitzii Neuman, 1847.
scutellata Liebmann, 1853.
Gireoudia conchifolia (Dietrich) Klotzsch, 1854.*Gireoudia conchifolia* (Dietrich) Klotzsch var. *scutellata* (Liebmann) Klotzsch, 1855.
Gireoudia conchifolia (Dietrich) Klotzsch var. *warscewicziana* Klotzsch, 1855.
Gireoudia warscewicziana Klotzsch, 1855.
pumilio Standley, 1940.

conchifolia Dietrich var. **rubrimacula** J. Golding, Begonian, 40:173–179, 188–190, 1973. Costa Rica.
'Zip' hort, 1959.

concinna Schott in Sprengel, Syst. Veg., 4(app) :408, 1827. [***Pritzelia***]. Brazil. Fig. 2.26, Fig. 2.44, non typus.
peltata A. de Candolle, 1859, non Otto & Dietrich, 1841.

confertiflora Gardner, Lond. J. Bot., 4:134, 1845. —A. de Candolle in Martius, Fl. Bras., 4(1):378, 1861.
= **arborescens** Raddi var. **confertiflora** (Gardner) A. de Candolle, 1861.

confinis L.B. Smith & D.C. Wasshausen, Phytologia, 53:297, pl. 2, 1983. — L. Dorr,

Harvard Papers in Botany 4(1):256, 1999. [***Lepsia***]. Venezuela. Fig. 18.24.

confusa L.B. Smith & B.G. Schubert, Contr. Gray Herb., 161:27, pl. 3, 1946. [***Weilbachia ?***]. Guatemala. Fig. 9.24, icon.

congesta Ridley, J. Roy. Asiat. Soc., Straits Br., 46:253, 1906. [***Petermannia***]. Sarawak. Fig. 16.21.

conraui Gilg, Bot. Jahrb. Syst., 34:87, 1904. —Engler, Veg. Erde, 9(3.2):614, 1921.
= **oxyloba** Welwitsch ex J.D. Hooker 1871.

consanguinea Merrill, Sarawak Mus. J., 3:531, 1928. [***Petermannia***]. Sarawack. Fig. 18.10.

consobrina Irmscher, Biblioth. Bot., 116:111, 1937. [***Ruizopavonia***]. Ecuador. Fig. 20.6.

contracta Warburg in Perkins, Fragm. Fl. Philipp., :54, 1904. [***Petermannia***]. Philippines. Fig. 21.51. **R**

convallariodora C. de Candolle, Bot. Gaz., 20:538, 1895. [***Ruizopavonia***]. Mexico, Central America. Fig. 20.30.

convolvulacea (Klotzsch) A. de Candolle in Martius, Fl. Bras., 4(1):367, 1861. [***Wageneria***]. Brazil. Fig. 26.21, non typus.
geniculata Vellozo, 1831, non Jack, 1822.
rugosa hort. Schoenbrun ex Klotzsch, 1854.
Wageneria rugosa Klotzsch, 1854.
scandens hort. Schoenbrun ex Klotzsch, 1855.
Wageneria convolvulacea Klotzsch, 1855.
Wageneria schottiana Klotzsch, 1855.
repens Schott ex A. de Candolle, 1864, non Lamarck, 1785.
unialata C. de Candolle 1901.

cooperi C. de Candolle, Bot. Gaz., 20:539, 1895. [***Ruizopavonia***]. Costa Rica. Fig. 17.13.

copelandii Merrill, Philipp. J. Sci., 6:401, "1911," 1912. [***Diploclinium I***]. Philippines. Fig. 26.19.

copeyana C. de Candolle, Bull. Herb. Boissier, II, 8:316, 1908. [***Weilbachia ?***]. Costa Rica. Fig. 22.14.

coptidi-montana C.Y. Wu, Acta Phytotax. Sin., 33(3):251, fig.1, 1995. [***Diploclinium II***]China: Yunnan. Fig. S163, icon (21;44-1a). **N**

corallina Carriere, Rev. Hort., 47:89, 1875. [***Gaerdtia***]. Brazil. Fig. 30.49, non typus.

cordata Vellozo, Fl. Flum., icon., 10:pl. 34, "1827," 1831; descr., Arch. Mus. Nat. Rio de Janeiro, 5:403, 1881.[***Pritzelia ?***]. Brazil. Fig. 24.2, icon.

cordifolia (Wight) Thwaites var. **cordifolia**, Enum. Pl. Zeyl., :129, 1859. [***Diploclinium I***]. India, Ceylon. Fig. 8.6, icon.
Diploclinium cordifolium Wight, 1852.

cordifolia (Wight) Thwaites var. **insularis** A. de Candolle, Prodr., 15(1):329, 1864. Ceylon.

cordifolia (Wight) Thwaites var. *hirta* Buxton Check List Begonias, :42, 1957, sphalmate, nomen nudum.

cordifolia (A. de Candolle) Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A) :146, pl. 48F, 1894, non Thwaites 1859. —L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:192, 1941.
= **hirta** L.B. Smith & B.G. Schubert var. **cordifolia** (A. de Candolle) L.B. Smith & B.G. Schubert, 1941.

coriacea Hasskarl, Cat. Hort. Bogor. Alt., 192:311, 1844 ; Pl. Jav. Rar., :239, 1848; Hort. Bogor. Descr., :328, 1858. [***Reichenheimia I***]. Indonesia: Java. (Fig.2.30) .
peltata Hasskarl, 1843
hasskarlii Zollinger & Moritzi, 1846.
hernandiifolia W.J. Hooker, 1852. Fig. 2.30, icon.
umbilicata hort. ex Planchon, 1853.
Mitscherlichia coriacea (Hasskarl) Klotzsch, 1855.
Mitscherlichia junghuhniana Miquel, 1856.
junghuhniana Miquel, 1857.
junghuhniana Miquel for. *acutifolia* Miquel ex Koorders, 1912.
hernandiifolia auct. non W.J. Hooker:

Seemann, 1854

coriacea A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:122, 1859, non Hasskarl, 1844; Prodr., 15(1):286, 1864. —J. Golding, Phytologia, 47:295, 1981.
= **tominana** J. Golding, 1981.

coriacea auct. non A. de Candolle: Grisebach, Abh. Königl. Ges. Wiss. Gottingen, 24:136, 1879. —Lindau, Bot. Jahrb. Syst., 19(Suppl. 18):14, 1894, [= *hieronymi* Lindau, 1894]. —L.B. Smith & B.G. Schubert, Darwiniana, 5:96, pl. 7, 1941. **R**
= **micranthera** Grisebach var. **hieronymi** (Lindau) L.B. Smith & B.G. Schubert, 1941.

corneri Kiew, Bot. Jahrb. Syst., 113:271, pl. 1, 1991. [***Reichenheimia I***]. Malaysia. Fig. S106, icon (9;16-1a). **N**

cornitepala Irmscher, Bot. Jahrb. Syst., 76:41, 1953. [***Pritzelia***]. Brazil. Fig. 20.47.

cornuta L.B. Smith & B.G. Schubert, Caldasia, 4:25, pl. 5, 1946. [***Casparya***]. Colombia. Fig. 30.46.

coronensis Merrill, Philipp. J. Sci., 26:480, 1925. [***Diploclinium III***]. Philippines. Fig. 8.48.

corredorana C. de Candolle, Candollea, 2:227, 1925. [***Gireoudia***]. Costa Rica. (Fig. 32.6) .Fig. 32.31. **R**
valerioi Standley, 1927, Fig. 32.6.

corzoensis R. Ziesenhenne, Begonian, 38:55, pl, 1971. [***Gireoudia***]. Mexico. Fig. 2.34.

coursii Humbert ex M. Keraudren, Fl. Madagascar, 144:66, pl. 18:figs. 9–14, 1983. [***Nerviplacentaria***]. Madagascar. Fig.S147 (16;52-2a). **R**

cowellii Nash, Addisonia, 1:9, pl. 5, 1916. .— J. Sierra, Flora de Cuba, 3:6, pl.3, fig 8, 2000. [***Begonia***]. Cuba. Fig. 5.24.
ekmanii Houghton ex L.B. Smith & B.G. Schubert, 1945.

crassicaulis Lindley, Edwards's Bot. Reg., 28, Misc., :22, pl. 44, 1842. [***Gireoudia***]. Guatemala. Fig. 1.1.
Gireoudia crassicaulis (Lindley) Klotzsch, 1854.

crassicaulis (A. de Candolle) Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):149, 1894, non Lindley, 1842. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:442, 1983.
= **pachyrhachis** L.B. Smith & D.C. Wasshausen, 1983.

crassipes Gilg ex Engler, Veg. Erde, 9(3.2):619, 1921. —L.B. Smith, D.C. Wasshausen, J. Golding, & C. Karegeannes, Begoniaceae, Smithsonian Contr. Bot., 60:382, Fig. 14.17, 1986. —J.C. Arends, Wageningen Agric. Univ. Papers, 91(6):195, 1992. —J..J. de Wilde, Wageningen Univ. Papers, 2001-2:144, 2002. **R**
= **longipetiolata** Gilg, 1904.

crassirostris Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:513, 1939. China. Fig. 30.53.

crassisetulosa F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2, :24, 1974, sphalmate pro *laciniata* Roxburgh subsp. *crassisetulosa* Irmscher,1939.

crateris Exell, Cat. Pl. S. Tomé, :189, pl. 9A, 1944. —Ferreira, Garcia de Orta, 13:533, 1965.[= **baccata** J.D. Hooker, 1866, sphalmate].— Reitsma, Agric. Univ. Wageningen Papers 84(3):104, pl. 1, phot.1, "1984", 1985. nomen legitimum. [***Baccabegonia***]. São Tomé. Fig. S66, icon (3;45-1a). **R**

crenata Dryander, Trans. Linn. Soc., 1:162, pl. 14:fig. 3, 1791. [***Parvibegonia***]. India. Fig. 8.18, icon.
Saueria crenata Hasskarl, 1855.
minima Beddome, 1864.

crenata Fischer ex Walpers, Repert. Bot. Syst., 2:217, 1843, pro syn. *finlaysoniana* Wallich, 1831, nomen nudum.

crenata auct. non Dryander: Maycock, Fl. Barbad., :357, 1830. —O.E. Schulz in Urban, Symb. Antil., 7:22, 1911 [= *macrophylla* Lamarck, 1785, probabiliter apud O.E. Schulz]. —J.

Golding, Phytologia, 44:246, 1980.
= **obliqua** Linnaeus 1753.

crenatiflora (Klotzsch & Putzeys) A. de Candolle, Prodr., 15(1):306, 1864. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:466, 1984.
= **biserrata** Lindley var. **biserrata**, 1847.

crenatifolia Hemsley, Biol. Cent. Amer., Bot., 1:494, 1880 sphalmate pro *crenatiflora* A. de Candolle, 1864.

crenulata Schott ex A. de Candolle, in Martius, Fl. Bras., 4(1):358, 1861, pro syn. **angularis** Raddi var. **angularis**, 1820.

crinita Oliver ex J.D. Hooker, Bot. Mag., 97:pl. 5897, 1871. [***Knesebeckia***]. Bolivia. Fig. 29.3, icon.

crispipila Elmer, Leafl. Philipp. Bot., 2:737, 1910. [***Petermannia***]. Philippines. Fig. 21.42.

crispula Brade, Arq. Jard. Bot. Rio de Janerio, 10:134, pls. 3–4, 1950. [***Pritzelia***]. Brazil. Fig. 7.12, icon.

crispula Te-Tsun Yü ex Irmscher, Notes Roy. Bot. Gard. Edinburgh, 21:38, 1951, non Brade, 1950. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:442, 1983. **R**
= **cirrosa** L.B. Smith & D.C. Wasshausen, 1983.

cristata Warburg ex Koorders, Natuurw. Tijdschr. Ned. Indie, 63:90, 1904, nomen nudum.—A. Koorders- Schumacher, Suppl. Fl. Celebes, 3:45, pl. 93, 1922. **R**
= **cristata** Warburg ex L.B. Smith & D.C. Wasshausen, 1983.

cristata Warburg ex L.B. Smith & D.C. Wasshausen, Phytologia, 52:442, pl.2, 1983. [***Sphenanthera***]. Indonesia: Sulawasi. Fig. 27.24 (30; 116-1a). **R**
cristata Warburg ex Koorders, 1904, nomen nudum.

cristobalensis R. Ziesenhenne, Begonian, 38:82, pl, 1971. [***Gireoudia***]. Mexico. Fig. 22.16.

croatii K. Burt–Utley, Brittonia, 34:196, pl. 5, 1982. [***Gireoudia***]. Panama. Fig. 25.22, icon.

cruenta Graham ex Steudel, Nom. Bot., ed 2, 1:193, 1840. nomen nudum.

cryptocarpa L.B. Smith & B.G. Schubert, Caldasia, 4:90, pl. 10, 1946. [***Cyathocnemis***]. Colombia. Fig. 30.47.

cuatrecasiana L.B. Smith & B.G. Schubert, Caldasia, 4:104, pl. 13, 1946. "*cuatrecasana*." [***Ruizopavonia***]. Colombia. Fig. 16.18. **R**

cubensis Hasskarl, Hort. Bogor. Descr., :342, 1858. –J. Sierra, Flora de Cuba, 3:15, pl. 3, fig. 3, 2000 [***Begonia***]. West Indies: Cuba. Fig. 12.16.
cubincola A. de Candolle, 1859.
lindeniana A. de Candolle, 1859.
plagioneura Milne–Redhead, 1930.

cubincola A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:124, 1859. —O.E. Schulz in Urban, Symb. Antil., 7:12, 1911
= **cubensis** Hasskarl, 1858.

cubincola var., Grisebach, Cat. Pl. Cub., :117, 1866. —O.E. Schulz in Urban, Symb. Antil., 7:17, 1911.
= **wrightiana** A. de Candolle, 1859.

cucullata Willdenow var. **cucullata**, Sp. Pl., 4:414, 1805. —J. Golding, Phytologia, 50:330. 1982. [***Begonia***]. Brazil. Fig. 12.25, non typus. **R**
semperflorens Link & Otto, 1828.
dispar Reichenbach, 1829.
sellovii hort. ex W.J. Hooker, 1829.
setaria hort. anglicis ex Graham, 1829.
hookeri Sweet, 1830.
sellowii Klotzsch, 1855.
cucullifolia Hasskarl, 1858.
sellowii hort. anglicis ex A. de Candolle, 1861.
semperflorens Link & Otto var. *hookeri* A. de Candolle, 1861.
semperflorens Link & Otto var. *sellowii* A. de Candolle, 1861.
semperflorens Link & Otto f. *flavescens* C. de Candolle, 1903.
paludicola C. de Candolle, 1914.
cucullata Willdenow var. *hookeri* (A. de Candolle) L.B. Smith & B.G. Schubert, 1941.

cucullata Willdenow var. **arenosicola** C.. de Candolle) L.B. Smith & B.G. Schubert, Darwiniana, 5:106, 1941. —J. Golding, Phytologia, 50:350, 1982. Argentina, Paraguay.
subcucullata C. de Candolle var. *arenosicola* C. de Candolle, 1903.
subcucullata C. de Candolle var. *subcucullata*, 1903
cucullata auct. non Willdenow: Bettfreund, 1900.

cucullata Willdenow var. **spatulata** (Loddiges) J. Golding, Phytologia, 50:350, 1982. Brazil.
spatulata Loddiges, 1818.
spathulata Hornemann, 1819.
spathulata Willdenow ex Sprengel, 1825.
cuneata Walpers, 1843.
nervosa Desfontaines ex Klotzsch, 1854.
agrial Rojas, 1913.

cucullata auct. non Willdenow: Klotzsch, 1855; A. de Candolle, 1861.
cucullata auct. non Willdenow: L.B. Smith & B.G. Schubert, 1941.
cucullata auct. non Willdenow var. *typica*: L.B. Smith & B.G. Schubert, 1941.

cucullata auct. non Willdenow: Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :147, 1855; Begoniac., :27, 1855; A. de Candolle in Martius, Fl. Bras., 4(1):342, 1861. —J. Golding, Phytologia, 50:349, 1982.
= **cucullata** Willdenow var. **spatulata** (Loddiges) J. Golding, 1982.

cucullata Ruiz ex Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :254, 1855; Begoniac., :134, 1855, pro syn. *Sassea glabra* Klotzsch, 1854. —A. de Candolle, Prodr., 15(1):274, 1864 [= *Casparya columnaris* (Bentham) A. de Candolle var. *glabra* A. de Candolle, 1864]. —L.B. Smith & B.G. Schubert, Caldasia, 4:34, 1946.
= **urticae** Linnaeus f., 1781.

cucullata auct. non Willdenow: Bettfreund, Fl. Argentina, 2:94, pl. 58, 1900. —J. Golding, Phytologia, 50:354, 1982.
= **cucullata** Willdenow var. **arenosicola** C. de Candolle) L.B. Smith & B.G. Schubert, 1941.

cucullata Willdenow var. *hookeri* (A. de Candolle) L.B. Smith & B.G. Schubert, Darwiniana, 5:104, 1941. —J. Golding, Phytologia, 50:347. 1982.
= **cucullata** Willdenow var. **cucullata,** 1805.

cucullata auct. non Willdenow: L.B. Smith & B.G. Schubert, Darwiniana, 5:101, 1941; et var. *typica* Darwiniana, 5:101, 1941 —J. Golding, Phytologia, 50:350, 1982.
= **cucullata** Willdenow var. **spatulata** (Loddiges) J. Golding, 1982.

cucullifolia Hasskarl, Hort. Bogor. Descr., :311, 1858. —A. de Candolle in Martius, Fl. Bras., 4(1):342, 1861 [= semperflorens Link & Otto, 1828]. —J. Golding, Phytologia, 50:347. 1982.
= **cucullata** Willdenow var. **cucullata,** 1805.

cucurbitifolia C.Y. Wu, Acta Phytotax. Sin., 33(3):268, pl. 14, 1995. [***Platycentrum***]. China: Yunnan. Fig. S75, icon (4;53-1a). **N**

cuernavacensis R. Ziesenhenne, Begonian, 26:9, pl, 1959. [***Knesebeckia***]. Mexico. Fig. 27.9.

cultrata Irmscher, Bot. Jahrb. Syst., 57:243, 1921.—J.J. de Wilde, Wageningen Univ. Papers, 2001-2:45, 2002. Gabon. Fig. 14.52. **R**
= **capillipes** Gilg 1904.

cumingiana A. de Candolle, Prodr., 15(1):320, 1864. [***Petermannia***]. Philippines. Fig. 16.10.
Petermannia cumingiana Klotzsch, 1855.
Diploclinium cumingianum (Klotzsch) Miquel, 1856.

cumingii A. Gray, U.S. Expl. Exped. Phan., 15:658, 1854. —A. de Candolle, Prodr., 15(1):320, 1864. —Merrill, Philipp. J. Sci., 3:84, pl. 3, 1908; Philipp. J. Sci., 6:384, "1911," 1912. [***Petermannia***]. Philippines. [Delete Fig. 27.11, that photo is of **cumingiana**]. Fig. S196, (27;23-2). **R**
philippinensis A. de Candolle, 1864.

cuneata Walpers, Repert. Bot. Syst., 2:214, 1843, pro *spathulata* Willdenow ex Sprengel, 1825. —J. Golding, Phytologia, 50:347,1982.
= **cucullata** Willdenow var. **spatulata**

(Loddiges) J. Golding, 1982.

cuneatifolia Irmscher, Bot. Jahrb. Syst., 50:370, 1913. [***Petermannia***]. Indonesia: Sulawasi. Fig. 21.4.

cuninghamei Sprague, Bull. Misc. Inform., :340, 1912. —L.B. Smith & B.G. Schubert, Revista Univ. (Cuzco), 33(87):80, pl. 23, 1944.
= **bridgesii** A. de Candolle, 1859.

cupreata hort. ex Herincq, Horticulteur Franc., 8:68, 1858, nomen nudum; Horticulteur Franc., 11:147, 1861.

curtii L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 45:114, 1955. [***Pritzelia***]. Brazil. Fig. 32.25, icon.
velata Brade, 1950, non L.B. Smith & B.G. Schubert, 1941.

curtisii Ridley, J. Roy. Asiat. Soc., Straits Br., 59:106, 1911. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:149, 1929. [***Parvibegonia***]. Siam. Fig. 28.52.

cuspidata C. de Candolle, Bull. Soc. Roy. Bot. Belgique, 35:260, 1896. —Standley, Field Mus. Nat. Hist., Bot. Ser., 18:744, 1937.
= **multinervia** Liebmann, 1853.

cyanescens Sands, Check List Flowering Pl of Brunei Darussalam, App. 2: 433, 1997. Brunei. Editus sero pro clave. **N**

cyathophora Poeppig & Endlicher, Nov. Gen. Sp. Pl., 1:7, pl. 14, 1835. [***Cyathocnemis***]. Peru. Fig. 33.4. **R**
obliqua Ruiz ex Klotzsch, 1855, non Linnaeus, 1753.
Cyathocnemis obliqua (Ruiz) Klotzsch, 1855.
roezlii Lynch, 1879, non Regel, 1876.
lynchiana J.D. Hooker, 1884.

cyathophora auct. non Poeppig & Endlicher: L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:188, 1941. —Irmscher, Bot. Jahrb. Syst., 74:586, 1949.
= **subciliata** A. de Candolle var. **subciliata,** 1859.

cyclophylla J.D. Hooker, Bot. Mag., 113:pl. 6926, 1887. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:508, 1939, emend. —Woon-Young Chun & Faith Chun, Sunyatsenia, 4:23, 1939. **R**
= **fimbristipula** Hance, 1883.

cylindrata L.B. Smith & B.G. Schubert, Contr. Gray Herb., 127:25, 1939. [***Knesebeckia***]. Mexico. Fig. 27.2.

cylindrica D.R. Liang & X.X. Chen, Bull. Res., 13(3):217-9, pl. 1, 1993. [***Sphenanthera***]. China. **N**

cylindricaulis Brade, Arq. Jard. Bot. Rio de Janerio, 13:169, 1954, nomen in index [= *similis* Brade, 1944]. —Irmscher, Pareys Blumengart., ed. 2:75, 1960.
= **pulchella** Raddi, 1820.

cymbalifera L.B. Smith & B.G. Schubert var. **cymbalifera,** Caldasia, 4:106, pl. 13, 1946. [***Ruizopavonia***]. Colombia. Fig. 16.16.

cymbalifera L.B. Smith & B.G. Schubert var. **recta** L.B. Smith & B.G. Schubert, Caldasia, 4:106, 1946. Colombia.

daedalea Lemaire, Ill. Hort., 7, Misc., :54, 1860; Ill. Hort., 8:pl. 269, 1861. —A. de Candolle, Prodr., 15(1):342, 1864.
= **strigillosa** Dietrich, 1851.

dasycarpa A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:127, 1859; in Martius, Fl. Bras., 4(1):341, 1861. [***Donaldia***]. Brazil. Fig. 19.4.

dasypoda Meisner ex A. de Candolle in Martius, Fl. Bras., 4(1):345, 1861, pro syn. **hirtella** Link var. **hirtella**, 1822.

davidsoniae Standley ex L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 40:242, pl. l, l–o, 1950, "*davidsonae*". [***Weilbachia ?***]. Panama. Fig. 24.14.

davisii hort. Veitch ex J.D. Hooker, Bot. Mag., 102:pl. 6252, 1876, pro syn. **davisii** J.D. Hooker, 1876.

davisii J.D. Hooker, Bot. Mag., 102:pl. 6252,

1876. [*Eupetalum*]. Peru. Fig. 8.41, icon.
davisii hort. Veitch ex J.D. Hooker, 1876.
weddelliana auct. non A. de Candolle: Britton, 1890.

daweishanensis S.H. Huang & Y.M. Shui, Acta Bot. Yunnanica, 16(4):337, pl. 5, 1994. [*Platycentrum*]. China: Yunnan. Fig. S110, icon (9;35-1b). **N**

daxinensis T. C. Ku, Acta Phytotax. Sin., 35(1):45, pl. 26, 1997 [*Coelocentrum*]. China. Fig. S214, icon (32;54-1). **N**.

dayi hort, Begonian, 14:174, pl. 183, 1947. —R. Ziesenhenne, Begonian, "49," 48:178, 1981 [= *nigrovenia* hort. Linden ex W.J. Hooker, 1861]. —J. Golding, Phytologia, 40:458, 1978 [= **pinetorum** A. de Candolle, 1859, sphalmate]. —K. Burt–Utley, Brittonia, 36:233, 1984. —J. Golding, Begonian, 57:62, 1990. **R**
= **glandulosa** W.J. Hooker, 1861.

dealbata Liebmann, Vid. Medd. Naturh. For. Kjöbenhavn 1852, :5, 1853. [*Quadriperigonia*]. Mexico. Fig. S31, (27;28-2). **R**

debilis King, J. Asiat. Soc. Beng., pt. 2, Nat. Hist., 71:60, 1902. [*Parvibegonia*]. Malaya. Fig. 30.14.

decaisneana Gagnepain, Bull. Mus. Hist. Nat. (Paris), 25:282, 1919. —J. Golding & C. Karegeannes, Phytologia, 54:494, 1984.
= **timorensis** (Miquel) J. Golding & C. Karegeannes, 1984.

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portoricensis A. de Candolle, 1864.
decandra Sessé & Mociño, 1894
acutifolia auct. non Jacquin: Klotzsch, 1855..

decandra Sessé & Mociño, Fl. Mex., ed. 2, :219, 1894. —L.B. Smith & B.G. Schubert, Contr. Gray Herb., 154:27, 1945.
= **decandra** Pavon ex A. de Candolle, 1859.

decaryana Humbert ex Keraudren-Aymonin & Bosser, Bull. Soc. Bot. France, 118:737, pl. 3: figs. 6–10, "1971," 1973. [*Quadrilobaria*]. Madagascar. Fig. 2.1.

declinata Vellozo, Fl. Flum., icon., 10:pl. 44, "1827," 1831; descr., Arch. Mus. Nat. Rio de Janeiro, 5:405, 1881. [*Pritzelia* ?]. Brazil. Fig. 14.21, icon.

decora Stapf, Gard. Chron., III, 12:621, 1892. —Ridley, Fl. Malay Penins. 1:863, 1922. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:121, 1929. [*Platycentrum*]. Malaya. Fig. S175, (24;100-2). **R**
praeclara King, 1902.

delavayi Gagnepain, Bull. Mus. Hist. Nat. (Paris), 25:197, 1919. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 6:346, 1927.
= **henryi** Hemsley, 1887.

delicatula Parish ex C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:652, 1879. [*Apterobegonia*]. Burma. Fig. 10.7.

deliciosa Linden ex Fotsch, Begonien, :81, pl. 33, 1933. [*Platycentrum*]. Descriptione inchoata.

demissa Craib, Bull. Misc. Inform., :409, 1930. [*Parvibegonia*]. Siam. Fig. 11.16.

densifolia Irmscher, Bot. Jahrb. Syst., 76:42, 1953. [*Pritzelia*]. Brazil. Fig. 17.28.

densiretis Irmscher, Webbia, 9:490, 1953. [*Petermannia*]. Borneo: Sarawak. Fig. 18.14.

dentata Pavon ex A. de Candolle, Prodr., 15(1):307, 1864, pro syn. **angustiloba** A. de Candolle, 1859.

dentatiloba A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:140, 1859. [*Pritzelia* ?]. Brazil. Fig. 16.5.
acutifolia herb. Vindob. ex A. de Candolle, 1861, non Jacquin, 1787.

dentatobracteata C.Y. Wu, Acta Phytotax. Sin., 33(3):254, pl. 4, 1995."dentato-bracteata" [*Diploclinium III*]. China: Yunnan. Fig. S128,

icon (13;11-2a). **N**

denticulata Kunth in Humboldt, Bonpland & Kunth, Nov. Gen. Sp., 7:folio 139, quarto 182, 1825. [***Cyathocnemis ?***]. Venezuela. Fig. 25.16.
fagopyroides Kunth & Bouché, 1849.
Moschkowitzia fagopyroides (Kunth) Klotzsch, 1854.
fagopyroides Kunth & Bouché var. *fendleriana* A. de Candolle, 1864.

depauperata Schott in Sprengel, Syst. Veg., 4(app) :408, 1827. —Wawra, Bot. Ergebn. :53, pl. 49, 1866. [***Trachelocarpus***]. Brazil. Fig. 13.3, icon.
rhizocarpa Fischer ex Otto & Dietrich, 1843, nomen nudum.
Trachelanthus rhizocarpus Klotzsch, 1855.
Trachelocarpus rhizocarpus C. Mueller in Walpers, 1858.
rhizocarpa Fischer ex A. de Candolle, 1861.

deryckxiana Lemaire, Hort. Universel, 5:355, 1844. —A. de Candolle, Prodr., 15(1):343, 1864.
= **nelumbiifolia** Schlechtendal & Chamisso, 1830.

descoleana L.B. Smith & B.G. Schubert, Lilloa, 23:143, pl, 1950. [***Begonia***]. Argentina. Fig. 16.15, icon.

dewildei M. Sosef, Wageningen Agric. Univ. Papers, 91(4): 93, fig. 3, pl.2a, "1991," 1992; Wageningen Agric. Univ. Papers, 94(1): 232, fig. 17.5, pl. 6a, 1994. [***Scutobegonia***]. Gabon. Fig. S43, (2;6-1a).**N**

diadema Linden ex Rodigas, Ill. Hort., 29:43, pl. 446, 1882. [***Platycentrum***]. Fig. 5.9, icon.

diamantina hort. ex Lescuyer, Horticulteur Franc., II, 3:147, 1861, nomen nudum.

dichotoma Jacquin, Coll., 3:250, "1789," 1790; Icon. Pl. Rar., 3(8):pl. 619, "1786–1793," 1792. [***Pritzelia***]. Colombia, Venezuela. Fig. 31.11, non typus.
sulcata Scheidweiler 1848.
Sauria sulcata (Scheidweiler) Klotzsch, 1854.
Wageneria dichotoma (Jacquin) Klotzsch, 1854.
sucrensis L.B. Smith & B.G. Schubert, 1952.

dichroa T.A. Sprague, Bull. Misc. Inform., :251, 1908; Bot. Mag., 138:pl. 8412, 1912. [***Gaerdtia***]. Brazil. Fig. 30.15, icon.

dielsiana E. Pritzel Bot. Jahrb. Syst., 29:479, 1900. [***Platycentrum***]. China. Fig. 24.9.

dielseiana Gilg, Bot. Jahrb. Syst., 34:91, 1904, non E. Pritzel, 1900. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:442, 1983, [= *cameroonensis* L.B. Smith & D.C. Wasshausen, 1983]. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):222, 1994.
= **ciliobracteata** Warburg, 1895.

dietrichiana Irmscher, Bot. Jahrb. Syst., 76:60, 1953. [***Pritzelia***]. Brazil. (Fig. 30.1, icon) .
fischeri Otto & Dietrich, 1836, non Schrank, 1820. Fig. 30.1 icon.
Pritzelia fischeri (Otto & Dietrich) Klotzsch, 1854.

difformis F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2, :29, 1974, sphalmate pro *lacinata* Roxburgh subsp. *difformis* Irmscher, 1939.

diffusa L.B. Smith & B.G. Schubert, Caldasia, 4:32, pl. 6, 1946. [***Casparya***]. Colombia. Fig. 18.6.

diffusiflora Merrill & Perry, J. Arnold Arbor., 24:46, pl. 2m–n, 1943. [***Petermannia***]. New Guinea. Fig. 17.14.

digitata hort. ex Lemaire, Jard. Fleur., 1, Misc. :15, 1851, non Raddi, 1820.
= **pentaphylla** Walpers, 1843.

digitata Raddi var. **digitata,** Mem. Mat. Fis. Soc. Ital. Sci., Modena, 18:406, 1820. —Irmscher, Webbia, 12:448, 1957. [***Scheidweileria***]. Brazil. Fig. 4.4.
verticillata Vellozo, 1831.
Scheidweileria digitata (Raddi) Klotzsch, 1854.

digitata Raddi var. **rufescens** Irmscher, Webbia, 12:475, 1957. Brazil.

digyna Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 6:352, 1927. [***Platycentrum***]. China. Fig. 4.45.

dimidiata Vellozo, Fl. Flum., icon., 10:pl. 46, "1827," 1831, nomen nudum, ; descr., Arch. Mus. Nat. Rio de Janeiro, 5:406, 1881. —A. de Candolle in Martius, Fl. Bras., 4(1):378, 1861. Fig. 17.16, icon.
= **arborescens** Raddi var. **arborescens,** 1820.

dioica F. Hamilton ex D. Don, Prodr. Fl. Nepal, :223, 1825. [***Diploclinium III***]. India. Fig. 8.44, non typus.
amoena Wallich, 1831, nomen nudum.
erosa Wallich, 1831, pro parte; nomen nudum.
tenella D. Don, 1825.

dipetala Graham, Bot. Mag., 55:pl. 2849, 1828. —Wight, Icon. Pl. Ind. Orient., 5(2):9, pl. 1813, 1852. [***Haagea***]. India. Fig. 30.35, icon. **R**
tuberosa herb. Wight ex Wallich, 1831, nomen nudum, non Lamarck, 1785.
Haagea dipetala (Graham) Klotzsch, 1854.
malabarica Lamarck var. *dipetala* Thwaites, 1859.
malabarica A. de Candolle, 1864, non Lamarck 1785.
tuberosa hort Heyne ex A. de Candolle, 1864, non Lamarck, 1785.

diptera Dryander, Trans. Linn. Soc., 1:170, 1791. —Poiret, Encyc. Meth. Bot. Suppl., 1:605, 1811.
= **capensis** Linnaeus f., 1781.

discolor R. Brown in Aiton, Hort. Kew, ed. 2, 5:284, 1813. —Steudel, Nom. Bot., ed. 1, 1:104, 1821 [= *evansiana* Andrews, 1811]. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:492, 1939.
= **grandis** Dryander subsp. **evansiana** (Andrews) Irmscher, 1939.

discolor Sprengel, Syst. Veg., 2:625, 1825, quoad pl. Sieber. —O.E. Schulz in Urban, Symb. Antil., 7:22, 1911 [= *macrophylla* Lamarck, 1785]. —J. Golding, Phytologia, 45:246, 1980.
= **obliqua** Linnaeus 1753.

discolor auct. non R. Brown, nec Sprengel: Blume, Enum. Pl. Javae, 1:96, 1827. —Koorders, Exkurs.-Fl. Java, 2:646, 1912.
= **multangula** Blume var. **multangula,** 1827.

discrepans Irmscher, Bot. Jahrb. Syst., 76:100, 1953. [***Platycentrum***]. China. Fig. 31.20.
tenuicaulis Irmscher, 1939, non A. de Candolle, 1859.

discreta Craib, Bull. Misc. Inform., :410, 1930. [***Diploclinium II***]. Siam. Fig. 8.5.

dispar Reichenbach, Mitth. Landw., ;54, 1829, non visus; Icon. Bot. Exot., :12, 1830 [= *semperflorens* Loddiges, 1829]. —J. Golding, Phytologia, 50:340. 1982.
= **cucullata** Willdenow var. **cucullata,** 1805.

dissecta Irmscher, Bot. Jahrb. Syst., 81:178, pl. 11:fig. 2, 1961. —Hilliard in Ross, Fl. South Afr., 22:141, 1976 [= *sutherlandii* J.D. Hooker var. *sutherlandii*, 1868]. —Kupicha in Launert, Fl. Zambesiaca, 4:503, 1978. **R**
= **sutherlandii** J.D. Hooker subsp. **sutherlandii,** 1868.

disticha hort. Berol. ex Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :122, 1854, non Link, 1822 [= *suaveolens* Loddiges, 1817]. —O.E. Schulz in Urban, Symb. Antil., 7:19, 1911.
= **odorata** Willdenow, 1813.

disticha Link, Enum. Pl. Hort. Berol., 2:396, 1822. —Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :122, 1854.
= **stipulacea** Willdenow, 1805.

divaricata Irmscher var. **divaricata,** Webbia, 9:473, 1953.
Indonesia: Sumatra. Fig. 21.14.
divaricata Irmscher f. *typica* Irmscher, 1953.

divaricata Irmscher f. **minor** Irmscher, Webbia, 9:473, 1953. Indonesia: Sumatra.

divaricata Irmscher f. *typica* Irmscher, Webbia, 9:473, 1953.
= **divaricata** Irmscher var. **divaricata,** 1953.

diversifolia Graham, Edinburgh New Philos. J.,:183, 1829; Bot. Mag, 57:pl. 2966, 1830. —Liebmann, Vid. Medd. Naturh. For. Kjöbenhavn 1852, :4, 1853 [= *martiana* Link & Otto, 1829]. —A. de Candolle, Prodr., 15(1):310, 1864.
= **gracilis** Kunth in Humboldt, Bonpland & Kunth var. **diversifolia** A. de Candolle, 1864.

diversifolia Graham var. *nana* Walpers, Nov. Actorum Acad. Caes. Leop.–Carol, Nat. Cur., 16, suppl. 2(19, suppl. 1):408, 1843. —A. de Candolle in Martius, Fl. Bras., 4(1):345, 1861.
= **hirtella** Link var. **nana** A. de Candolle, 1861.

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= **gracilis** Kunth in Humboldt, Bonpland & Kunth var. **diversifolia** A. de Candolle, 1864.

diversistipulata Irmscher, Bot. Jahrb. Syst., 74:622, pl. 5, 1949. [***Casparya***]. Colombia. Fig. 17.12.

diwolii Kiew, Gardens' Bull. Singapore 53:254, pl. 3, 2001. [***Diploclinium I***]. Borneo: Sabah. Editus sero pro clave. **N**

djamuensis Irmscher, Bot. Jahrb. Syst., 50:364, 1913. [***Petermannia***]. New Guinea. Fig. 16.1.

dodsonii L.B. Smith & D.C. Wasshausen, Phytologia, 44:241, pl. 3, 1979. [***Gobenia***]. Ecuador. Fig. 3.16.

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= **acerifolia** Kunth in Humboldt, Bonpland & Kunth, 1825.

dolichotricha Merrill, Philipp. J. Sci., 17:292, 1920. [***Petermannia***]. Philippines. Fig. 21.35.

domingensis A. de Candolle var. **domingensis,** Ann. Sci. Nat. Bot., IV, 11:124, 1859. [***Begonia***]. West Indies: Haiti, Dominican Republic. Fig. 32.28.

domingensis A. de Candolle var. **oligostemon** Urban in Fedde, Repert., 18:192, 1922. Santo Domingo.

domingensis auct. non A. de Candolle: Grisebach, Fl. Brit. W.I., :304, 1860, excl. patr. Haiti. —O.E. Schulz in Urban, Symb. Antil., 7:19, 1911. **R**
= **dominicalis** A. de Candolle ex Grisebach, 1860, excl. syn, et patr. Guad.

domingensis auct. non A. de Candolle: Boldingh, Fl. St. Eust. Sab. St. Mart., :139, 1909. —O.E. Schulz in Urban, Symb. Antil., 7:20. 1911.
= **retusa** O.E. Schulz 1911.

dominicalis A. de Candolle ex Grisebach, Fl. Brit. W.I., :304, 1860, excl. syn. et patr. Guad. —A. de Candolle, Prodr., 15(1):366, 1864, excl. syn. [***Begonia***]. Lesser Antilles: Dominica. Fig.S209; (30;114-2a). **R**
domingensis auct. non A. de Candolle: Grisebach, 1860, excl. patr. Haiti.
suaveolens auct. non Loddiges: A. de Candolle, 1864, quoad pl. herb monac.

dominicalis auct. non A. de Candolle ex Grisebach: Grisebach, Fl. Brit. W.I., :304, 1860, quoad pl. Guad. —O.E. Schulz in Urban, Symb. Antil., 7:19, 1911. **N**
= **odorata** Willdenow, 1813.

dominicalis auct. non A. de Candolle: Duss, Fl. Phan. Antil. Franc., 2:320, 1897, excl. specim. Mart. —O.E. Schulz in Urban, Symb. Antil., 7:19, 1911.
= **odorata** Willdenow, 1813.

donkelaariana Lemaire, Jard. Fleur., 1, Misc. :34, 1851. [*?*] Mexico? Sine figura, (27;84-1). **R**

dosedlae Gilli, Ann. Naturhist. Mus. Wien, 83:421, "1979," 1980. [***Petermannia***]. Paupua-New Guinea. Sine figura, (21; 63-1a). **R**

dregei Otto & Dietrich var. **dregei,** Allg. Gartenzeitung, 4:357, 1836. —Hilliard in Ross, Fl. South Afr., 22:142, pl. 46:fig. 2, 1976. [***Augustia***]. South Africa. (Fig. 5.13)

.(Fig. 5.14) .Fig. 28.44. **R**
parvifolia E. Meyer ex Otto & Dietrich, 1836.
suffruticosa Meisner, 1841. Fig. 5.13.
reniformis hort. Berol. ex Klotzsch, 1854, non Dryander, 1791.
Augustia dregei (Otto & Dietrich) Klotzsch, 1854.
Augustia natalensis (W.J. Hooker) Klotzsch, 1855.
Augustia suffruticosa (Meisner) Klotzsch, 1854.
natalensis W.J. Hooker, 1855.
rubicunda hort. Turic. ex A. de Candolle, 1864.
richardsiana T. Moore, 1871.
richardsoniana Houllet, 1872.
partita Irmscher, 1961. Fig. 5.14.
suffruticosa Meisner f. *bolusii* Irmscher, 1961.
suffruticosa Meisner f. *worsdellii* Irmscher, 1961.
parvifolia auct. non Schott: Graham, 1839.

dregei Otto & Dietrich var. **macbethii** L.H. Bailey, Gentes. Herb., 1:127, 1923.
macbethii hort. Shepherd, 1891.

dregei Otto & Dietrich var. *caffra* A. de Candolle, Prodr., 15(1):384, 1864. Irmscher, Bot. Jahrb. Syst., 81:136, 1961 [= *caffra* Meisner, 1841]. —Burtt, Notes Roy. Gard. Edinburgh, 32:274, 1973.
= **homonyma** Steudel, 1840.

dregei Otto & Dietrich var. *sinuata* A. de Candolle, Prodr., 15(1):384, 1864. —Irmscher, Bot. Jahrb. Syst., 81:136, 1961 [= *caffra* Meisner, 1841]. —Burtt, Notes Roy. Gard. Edinburgh, 32:274, 1973.
= **homonyma** Steudel, 1840.

dregei J.B. Davy, Man. Pl. Transvaal, :232, 1926, non visus. —Hilliard in Ross, Fl. South Afr., 22:137, 1976.
= **sonderiana** Irmscher, 1961.

dressleri K. Burt–Utley, Brittonia, 34:191, pl. 2, 1982. [***Gireoudia***]. Panama. Fig. 21.40, icon.

dryadis Irmscher, Notes Roy. Bot. Gard. Edinburgh, 21:41, 1951. [***Platycentrum***]. China: Yunnan. Fig. 32.29.

dubia Haworth, Succ. Pl. Suppl., :101, 1819; Saxifr. Enum., :196, 1821. [*?*] Brazil. Descriptione inchoata.
pauciflora Lindley, 1820.

dubia Vellozo, Fl. Flum., icon., 10: pl. 42, "1827," 1831, nomen nudum; descr., Arch. Mus. Nat. Rio de Janeiro, 5:405, 1881, non Haworth, 1819. —Walpers, Repert. Bot. Syst., 2:216, 1843. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,466, 1984.
= **radicans** Vellozo, 1831.

duclouxii Gagnepain, Bull. Mus. Hist. Nat. (Paris), 25:198, 1919, pro parte quoad specimen Delavay No. 184 in herb. Paris. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:551, pl. 17, 1939. [***Platycentrum***]. China. Fig. 23.5.

duclouxii Gagnepain, Bull. Mus. Hist. Nat. (Paris), 25:198, 1919, pro parte quoad specimen Ducloux No. 4438 in herb. Paris. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:538, 1939. **R**
= **gagnepainiana** Irmscher, 1939.

dugandiana L.B. Smith & B.G. Schubert, Caldasia, 4:179, pl. 14, 1946. [***Ruizopavonia***]. Colombia. Fig. 16.2.

duncan–thomasii M. Sosef, Wageningen Agric. Univ. Papers, 91(4): 129, fig. 3, "1991," 1992; Wageningen Agric. Univ. Papers, 94(1):156, fig. 16.4, 1994. [***Loasibegonia***]. Cameroon. Fig. S44, (2;11-2a). **N**

duruensis De Wildeman, Ann. Mus. Cong., V, 2:318, 1908. —Wilczek, Fl. Congo, Rwanda, Burundi, :8, 1969.
= **ampla** J.D. Hooker 1871.

dusenii Brade, Bol. Mus. Nac. Rio de Janeiro, Bot, n.s, 1:15, pl. 6, 1944, non Warburg, 1895. —L.B. Smith, Phytologia, 25:418, 1973.
= **barkleyana** L.B. Smith, 1973.

dusenii Warburg, Bot. Jahrb. Syst., 22:44, 1895. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):194, 1994.

= **quadrialata** Warburg subsp. **dusenii** (Warburg) M. Sosef, 1994.

dux C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:637, 1879. —M.C. Tebbitt & J.H. Dickson, Brittonia, 52(1)116, 2000. [***Platycentrum***]. Burma. Fig. 27.33.

ealensis Irmscher, Bot. Jahrb. Syst., 57:241, 1921. —Wilczek, Fl. Congo, Rwanda, Burundi, :27, 31, 1969, pro parte. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:74, 2002. **R**
= **eminii** Warburg, 1895.

eberhardtii Gagnepain, Bull. Mus. Hist. Nat. (Paris), 25:198, 1919. [***Petermannia***]. Vietnam: Annam. Fig. 23.22.

ebolowensis Engler, Veg. Erde, 9(3.2):619, 1921. 1977.1921.—J.J. de Wilde, Wageningen Univ. Papers, 2001-2:59, pl.3, 2002. [***Tetraphila***]. Cameroon, to Congo. (Fig. 14.10), (Fig. 16.35). Fig. 18.1. **R**
lethomasiae Wilczek, 1969. Fig. 14.10.
sanjeensis Wilczek, 1969. Fig. 16.35.

echinata Royle, Illustr. Bot. Himal., :313, pl. 80:fig. 1, 1839. —A. de Candolle, Prodr., 15(1):312, 1864.
= **picta** J.E. Smith, 1805.

echinosepala Regel var. **echinosepala,** Acta Hort. Petrop., 1:91, 1871. [***Pritzelia***]. Brazil. Fig. 19.17, icon.
itajaiensis Brade, 1954.

echinosepala Regel var. **elongatifolia** Irmscher, Bot. Jahrb. Syst., 76:66, 1953. Brazil.

echinosepala Regel var. *tapesca* hort, Begonian, 13:252, 1946, nomen nudum.

eciliata O.E. Schulz in Urban, Symb. Antil., 7:26, 1911. [***Begonia***]. West Indies: Trinidad. Fig. 34.15.

ecuador E.K. Gray, Begonias, :16, 1931. "*ecquador*," [= *ecuadoriensis* hort. ex Everett,1940, non Buxton, 1932]. —F. Carrell, Begonian, 17:128, 1950.
= **ludwigii** Irmscher, 1937.

ecuadorensis hort. ex Buxton, Begonias, :29, 1932. —Everett, J. New York Bot. Gard., 40:256-7, pl. 1939.
= **acida** Vellozo, "1827," 1831.

ecuadoriensis hort. ex Everett, J. New York Bot. Gard., 41:18, 1940, non Burton, 1932. —A. Clarke, Begonian, 14:150, 1947 [= *rigida* auct. non Linden ex Regel: A. Clarke, 1947]. —F. Carrell, Begonian, 17,128, 1950.
= **ludwigii** Irmscher, 1937.

edanoi Merrill, Philipp. J. Sci., 13:134, 1918. "*edanoii*." [***Petermannia***]. Philippines. Fig. 16.38.

edmundoi Brade, Rodriguesia, 18:33, pl. 6, 1945. [***Gaerdtia***]. Brazil. Fig. 16.32.

edulis Léveillé, Repert. Nov. Sp., 7:20, 1909. [***Platycentrum***]. China. Fig. 4.52. **R**

edulis Léveillé var. *henryi* Léveillé, Repert. Nov. Spec., 7:20, 1909. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:530, 1939 [= *laciniata* Roxburgh subsp. *principalis* Irmscher, 1939]. —J. Golding & C. Karegeannes, Phytologia, 54,495, 1984.
= **palmata** D. Don var. **principalis** (Irmscher) J. Golding & C. Karegeannes, 1984.

edulis Gilg ex Engler, Veg. Erde, 9(3.2):619, 1921, nomen nudum, pro syn. *excelsa* J.D. Hooker, 1871. —Keay in Hutchinson & Dalziel, Fl. W. Trop. Afr., ed. 2, 1:220, 1954. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:164, 2002. **R mannii** J.D. Hooker, 1864.

egleri Brade, Arq. Jard. Bot. Rio de Janerio, 15:38, pl. 6:figs. 12–20, 1957. [***Donaldia***]. Brazil. Fig. 17.22, icon.

egregia N.E. Brown, Gard. Chron., III, 1:346, 1887. [***Tetrachia***]. Brazil. Fig. 3.45.
petropolitana Glaziou, 1909, nomen nudum.
quadrilocularis Brade, 1945.

eiromischa Ridley, J. Roy. Asiat. Soc., Straits Br., 75:36, 1917; Fl. Malay Penins, 1:860, pl. 70, 1922. [***Ridleyella***]. Malaya. Fig. 2.36.

ekmanii Houghton ex L.B. Smith & B.G. Schubert, Contr. Gray Herb., 154:23, pl. 1, 1945. J. Sierra, Flora de Cuba, 3:6, pl. 3.8, 2000. Fig. 7.15.
= **cowellii** Nash 1916

elaeagnifolia J.D. Hooker in Oliver, Fl. Trop. Afr., 2:579, 1871.—J.C. Arends, Wageningen Agric. Univ. Papers, 91(6):186, pl. 1, "1991," 1992. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:66, pl.4, 2002. [***Tetraphila***]. Cameroon, to Congo.. (Fig. 3.7), (Fig. 9.19), Fig. 14.15. **R**
schultzei Engler, 1921. Fig. 3.7
wilczekiana N. Hallé 1969. Fig. 9.19

elaeagnifolia auct. non J.D. Hooker: De Wildeman & Th. Durand, Ann. Mus. Cong. Bot., II, 1(2):25, 1900; Th. & H. Durand, Syll. Fl. Congol., 233, 1909; Mildbraed, Wiss. Ergebn. Zweit. Deutsch, Zentr.-Afr.-Exp. 1910-1911, 2:97, 1922; Wilczek, Fl. Congo, Rwanda, Burundi, :20, 1969. —J.C. Arends, Wageningen Agric. Univ. Papers, 91(6):8,189, "1991," 1992. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:68, 250, 2002. **R**
= **longipetiolata** Gilg, 1904.

elata Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :122, 1854, nomen nudum ; Abh. Königl. Akad. Wiss. Berlin 1854, :155, 1855; Begoniac., :35, 1855. —L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 40:245, 1950 [= *patula* Haworth, 1819]. —Irmscher, Bot. Jahrb. Syst., 76:24, 1953 [= *fischeri* Schrank var. *elata* Irmscher, 1953]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,466, 1984.
= **fischeri** Schrank var. **fischeri,** May 1820.

elatior hort. ex Steudel, Nom. Bot., ed 2, 1:193, 1840, pro syn. **reniformis** Dryander, 1791.

elatostematoides Merrill, Philipp. J. Sci., 7:309, 1912. [***Petermannia***]. Philippines. Fig. 16.26.

elatostemma Ridley, J. Roy. Asiat. Soc., Straits Br., 46:255, 1906. [***Petermannia***].Borneo: Sarawak. Sine figura; (15;8-1). **R**

elatostemmoides J.D. Hooker in Oliver, Fl. Trop. Afr., 2:576, 1871. [***Filicibegonia***]. Tropical Africa. Fig. 21.41, (Fig. 21.47). **R**
loloensis Gilg, 1904. Fig. 21.47.

elegans Kunth in Humboldt, Bonpland & Kunth, Nov. Gen. Sp., 7:folio 139, quarto 182, 1825. —L.B. Smith & B.G. Schubert, Caldasia, 4:192, pl. 17, 1946. [= *foliosa* Kunth in Humboldt, Bonpland & Kunth var. *australis* L.B. Smith & B.G. Schubert, 1946]. — L. Dorr, Harvard Papers in Botany 4(1):258, 1999.
= **foliosa** Kunth in Humboldt, Bonpland & Kunth var. **foliosa** 1825.

elegens Elmer, Leafl. Philipp. Bot., 7:2554, 1915, non Kunth in Humboldt, Bonpland & Kunth, 1825. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:443, 1983.
= **sarmentosa** L.B. Smith & D.C. Wasshausen, 1983.

elianii Warburg ex Th. Durand & Jackson, Index Kew., suppl., 1:53, 1902, sphalmate pro **eliasii** Warburg, 1891.

eliasii Warburg, Bot. Jahrb. Syst., 13:287, 1891."*eliassii*" [***Petermannia***]. New Guinea. Fig. S158, (20;47-2). **R**

elliotii Gilg ex Engler, Veg. Erde, 9(3.2):620, 1921. —Keay in Hutchinson & Dalziel, Fl. W. Trop. Afr., ed. 2, 1:219, 1954.
= **rostrata** Welwitsch ex J.D. Hooker var. **rostrata,** 1871.

elliptica Kunth in Humboldt, Bonpland & Kunth, Nov. Gen. Sp., 7:folio 138, quarto 180, pl. 641, 1825. —A. de Candolle, Prodr., 15(1):362, 1864 [= *scandens* Swartz, 1788]. —O.E. Schulz in Urban, Symb. Antil., 7:5, 1911.
= **glabra** Aublet var. **glabra,** 1775.

elmeri Merrill, Philipp. J. Sci., 13:39, 1918. [***Diploclinium I***]. Philippines. Sine figura, (2;55-1). **R**
peltata Elmer, 1915, non Otto & Dietrich, 1841.

elongata Wallich, Num. List, 213, :no. 6291, 1832, nomen nudum. —C.B. Clarke in J.D.

Hooker, Fl. Brit. Ind., 2:650, 1879.
= **sinuata** Wallich ex Meisner var. **sinuata**, 1836.

emeiensis C.M. Hu ex C.Y. Wu & T.C. Ku. Acta Phytotax. Sin., 33(3):273, pl. 19, 1995. [***Platycentrum***]. China: Sichuan. Fig. S76, icon (4;53-2a). **N**

eminii Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):141, 1894, nomen nudum; in Engler, Pflanzenw. Ost. Afrikas C., :282, 1895. —Wilczek, Fl. Congo, Rwanda, Burundi, :27, pl. 3, 1969 .—J.J. de Wilde, Wageningen Univ. Papers, 2001-2:71, pl. 5, 2002. [***Tetraphila***].Nigeria to Angola. **R**
macrostyla Warburg, 1895.
poggei Warburg 1895.
poggei Warburg var. *flore albo* C. de Candolle ex De Wildeman & Th. Durand, 1908.
poggei Warburg var. *albiflora* Th. Durand & H. Durand, 1909.
ealensis Irmscher, 1921.
eminii subsp. *eminii* Fernandes, 1970

eminii subsp. *eminii* Fernandes, Consp. Fl. Angola, 4:295, 1970; Bol. Soc. Brot., II, 44:9, pl. 2, 1970.—J.J. de Wilde, Wageningen Univ. Papers, 2001-2:71, 2002.
= **eminii** Warburg, 1895.

eminii Warburg subsp. *ambacensis* Fernandes, Bol. Soc. Brot., II, 44:9, pl. 1, 1970. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:71, 237, 2002. **R**
= **tatoniana** Wilczek, 1969.

eminii auct. non Warburg: Keay in Hutchinson & Dalziel, Fl. W. Trop. Afr., ed. 2, 1:220, 1954. —Wilczek, Fl. Congo, Rwanda & Burundi, :31, 1969. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:74, 2002.
= **cavallyensis** A. Chevalier, 1912.

emirnea Humbert ex Keraudren-Aymonin & Bosser, Bull. Soc. Bot. France, 118:734, "1971," 1973, sphalmate pro **erminea** l'Héritier, 1786.

engleri Gilg var. **engleri,** Bot. Jahrb. Syst., 34:97, 1904. —Irmscher, Bot. Jahrb. Syst., 81:148, 1961. [***Rostrobegonia***]. Tropical Africa. Fig. 29.18.

engleri Gilg var. **nuda** Irmscher, Bot. Jahrb. Syst., 81:149, 1961. Tanganyika.

engleriana Gilg, Gartenweldt, 8:538, 1904. East Africa. .Descriptione inchoata.

epibaterium Martius ex A. de Candolle var. **epibaterium,** in Martius, Fl. Bras., 4(1):362, 1861. [***Wageneria***]. Brazil. Fig. 9.12.
Wageneria fagifolia (Fischer) Klotzsch, 1854, pro parte.

epibaterium Martius ex A. de Candolle var. **angustialata** A. de Candolle in Martius, Fl. Bras., 4(1):363, 1861.

epibaterium Martius ex A. de Candolle var. *ipomoeifolia* Brade, Rodriguesia, 18:27, 1945, nomen nudum.

epilobioides Warburg, Bot. Jahrb. Syst., 22:34, 1895. —Engler, Veg. Erde, 9(3.2):618, 1921. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:188, 2002. **R**
= **polygonoides** J.D. Hooker 1871.

epiphytica J.D. Hooker in Oliver, Fl. Trop. Afr., 2:580, 1871. —Keay in Hutchinson & Dalziel, Fl. W. Trop. Afr., ed. 2, 1:220, 1954.—J..J. de Wilde, Wageningen Univ. Papers, 2001-2:164, 2002. **R** .
= **mannii** J.D. Hooker, 1864.

epiphytica auct. non J.D. Hooker: Engler in Engler.& Drude, Veg, der Erde 9, 3(2):620, 1921. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:97, 2002. **R**
= **fusialata** Warburg var **fusialata**, 1895.

epipsila Brade, Arq. Jard. Bot. Rio de Janerio, 8:227, pl. 1, 1948. [***Pritzelia***]. Brazil. Fig. 29.34, icon.

episcopalis C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:644, 1879. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):142, 1894
= **griffithiana** (A. de Candolle) Warburg 1894.

erecta Vellozo, Fl. Flum., icon., 10:pl. 43, "1827,"

1831; descr., Arch. Mus. Nat. Rio de Janeiro, 5:405, 1881. [***Pritzelia ?***]. Brazil. Fig. 15.9, icon.

erectocaulis M. Sosef, Wageningen Agric. Univ. Papers, 91(4): 96, fig. 4, pl. 3a, "1991," 1992; Wageningen Agric. Univ. Papers, 94(1):234, fig. 17.6, pl. 7a, 1994. [***Scutobegonia***]. Gabon. Fig. S126, (13;3-2a). **N**

erectotricha M. Sosef, Wageningen Agric. Univ. Papers, 91(4): 98, fig. 5, pl. 2b,c, "1991," 1992; Wageningen Agric. Univ. Papers, 94(1):237, fig. 17.7, pl. 6b,c, 1994. [***Scutobegonia***]. Gabon. Fig. S51, (2;24-1b). **N**

eriocaulis Visiani, Orto Bot. Padova, :135, 1843. —Walpers, Bot. Repert. Syst., 5:769, 1846 [= *meyeri* Otto & Dietrich, 1836]. —A. de Candolle in Martius, Fl. Bras., 4(1):376, 1861.
= **tomentosa** Schott var. **eriocaulis** A. de Candolle, 1861.

eriocaulon Neumann, Rev. Hortic., III, 1:166, 1847. Descriptione inchoata. [?].

ermanii Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :155, 1855; Begoniac., :35, 1855, "*ermani*." —A. de Candolle in Martius, Fl. Bras., 4(1):347, 1861. [= *uliginosa* Schott ex Klotzsch var. *ermanii* (Klotzsch) A. de Candolle, 1861]. —Irmscher, Bot. Jahrb. Syst., 76:24, 1953.
= **fischeri** Schrank var. **ermanii** (Klotzsch) Irmscher, 1953.

erminea l'Héritier var. **erminea,** Stirp. Nov, 4:97, pl. 47, 1788. [***Erminea***]. Madagascar, Fig. 11.19, icon. **R**

erminea l'Héritier var. **obtusa** A. de Candolle, Prodr., 15(1):393, 1864. Madagascar.

erosa Blume, Enum. Pl. Javae, 1:96, 1827. [***Platycentrum ?***].
Indonesia: Java. Fig. S161,(21;35-1a). **R**
Platycentrum erosum (Blume) Miquel, 1856.
Sphenanthera erosa Hasskarl ex Klotzsch, 1857.
Casparya erosa (Blume) A. de Candolle, 1864.

erosa Wallich, Num. List, 129, :no. 3688, 1831, pro parte, non Blume, 1827, nomen nudum. —A. de Candolle, Prodr., 15(1):327, 1864 [= *amoena* Wallich ex A. de Candolle, 1864]. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:642, 1879 [= *tenella* D. Don, 1825]. —H. Hara in H. Ohashi, Fl. E. Himalaya, 3:85, 1975.
= **dioica** F. Hamilton ex D. Don, 1825.

erosa Wallich, Num. List, 129, :no. 3688, 1831, pro parte, non Blume, 1827, nomen nudum. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:642, 1879.
= **picta** J.E. Smith, 1805.

erubescens Léveillé, Repert. Nov. Sp., 7:21, 1909. —Gagnepain, Bull. Mus. Hist. Nat. (Paris), 25:283, 1919 [= *sinensis* A. de Candolle var. *haemaloneura* Franch ex Gagnepain, 1919]. —Irmscher in Handel–Mazzetti, Symb. Sin., 7:388, 1931 [= *evansiana* Andrews, 1811]; Mitt. Inst. Allg. Bot. Hamburg, 10:492, 1939.
= **grandis** Dryander subsp. **evansiana** (Andrews) Irmscher, 1939.

erythrocarpa A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:121, 1859. [***Knesebeckia***]. Ecuador, Peru, Bolivia. Fig. 1.3
griseocaulis Irmscher, 1937.
pennellii L.B. Smith & B.G. Schubert, 1941.
lobato–peltata Irmscher, 1953.
macbrideana Irmscher, 1953.
pennellii L.B. Smith & B.G. Schubert subsp. *lobato–ovata* Irmscher, 1953.
pennellii L.B. Smith & B.G. Schubert var. *longiloba* Irmscher, 1953.
pennellii L.B. Smith & B.G. Schubert f. *macrantha* Irmscher, 1953.

erythrogyna Sands, Kew Magazine, 7:81, pl. 150, 1990. [***Petermannia***]. Borneo: Sabah. Fig. S204, icon (28;120-1a). **N**

erythrotricha C. de Candolle, Bull. Herb. Boissier, II, 8:321, 1908, "*erythrotrica*." —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:184, 1961.
= **trichosepala** C. de Candolle, 1895.

esculenta Merrill, Philipp. J. Sci., 6:389, "1911," 1912. [***Petermannia***]. Philippines. Fig. 20.16.

esquirolii Léveillé, Bull. Acad. Inst. Geogr. Bot., 22:228, 1912. Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:512, 1939.
= **cavaleriei** Léveillé var. **cavaleriei**, 1909.

estrellensis C. de Candolle, Bot. Gaz., 20:540, 1895. [***Ruizopavonia***]. Costa Rica, Panama. Fig. 20.37.

euryphylla L.B. Smith ex S.F. Smith & D.C. Wasshausen, Selbyana 20(1):16, pl.2, 1999. [***Pritzelia ?***]. Brazil. Fig. S111, (10;9-1a). **N**

eutricha Sands, Check List Flowering Pl of Brunei Darussalam, App. 2: 434, 1997. Brunei. Editus sero pro clave. **N**

evansiana Andrews, Bot. Repos., 10: pl. 627, 1811. Fig. 12.21, icon. —J. Sims, Bot. Mag., 36:pl. 1473. 1812. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:492, 1939.
= **grandis** Dryander subsp. **evansiana** (Andrews) Irmscher, 1939.

evansiana Andrews var. *simsii* F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2:36, 1974, sphalmate pro **grandis** Dryander subsp. **evansiana** Andrews var. **simsii**.

evansiana Andrews var. *sinensis* F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2:36, 1974, sphalmate pro **grandis** Dryander subsp. **sinensis** Irmscher, 1939.

evansiana Andrews var. *unialata* F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2:36, 1974, sphalmate pro **grandis** Dryander subsp. **evansiana** Andrews var. **unialata** Irmscher, 1939.

everettii Merrill, Philipp. J. Sci., 6:390, "1911," 1912. [***Petermannia***]. Philippines. Fig. 21.23.

exalata C. de Candolle, Bull. Herb. Boissier, II, 8:326, 1908. [***Knesebeckia***]. Ecuador. Fig. 31.4.

excelsa J.D. Hooker in Oliver, Fl. Trop. Afr., 2:571, 1871.—Keay in Hutchinson & Dalziel, Fl. W. Trop. Afr., ed. 2, 1:220, 1954.—J..J. de Wilde, Wageningen Univ. Papers, 2001-2:164, 2002. **R**
= **mannii** J.D. Hooker, 1864.

exigua Irmscher, Bot. Jahrb. Syst., 76:93, 1953. [***Begonia***]. Brazil. Fig. 28.18.

exilis O.E. Schulz in Urban, Symb. Antil., 7:7, 1911. [***Begonia***]. Haiti. Fig. 34.1.

extensa L.B. Smith & B.G. Schubert, Caldasia, 4:103, pl. 13, 1946. [***Ruizopavonia***]. Colombia. Fig. 16.11.
thermarum L.B. Smith & B.G. Schubert, 1950.

extranea L.B. Smith & B.G. Schubert, Contr. Gray Herb., 127:27, pl. 2, 1939. [***Knesebeckia***]. Mexico. Fig. 28.19.

fabulosa L.B. Smith & D.C. Wasshausen, Phytologia, 52:445, 1983. [*?*]. Brazil. (Fig. 3.24, icon) .
reniformis Vellozo, 1831, non Dryander, 1791. Fig. 3.24, icon.

fagifolia hort. Petrop. ex Otto & Dietrich, Allg. Gartenzeitung, 4:356, 1836. [***Wageneria***]. Brazil. Fig. 11.10.
Wageneria fagifolia (Fischer) Klotzsch, 1854, pro parte.

fagopyroides Kunth & Bouché, Ind. Sem. hort. Berol. 1848 Coll., :16, 1849. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:443, 1983.
= **denticulata** Kunth in Humboldt, Bonpland & Kunth, 1825.

fagopyroides Kunth & Bouché var. *fendleriana* A. de Candolle, Prodr., 15(1):289, 1864. —L.B. Smith & B.G. Schubert, Caldasia, 4:92, 1946 [= *fagopyroides* Kunth & Bouché, 1845].
= **denticulata** Kunth in Humboldt, Bonpland & Kunth, 1825.

falcata L.B. Smith & B.G. Schubert, Contr. Gray Herb., 127:28, 1939. Fig. 2.41. ; Contr. Gray Herb., 161:28, 1946.
= **calderonii** Standley, 1930.

falcifolia J.D. Hooker, Bot. Mag., 94:pl. 5707, 1868. [***Pritzelia***]. Peru. Fig. 30.2, icon.

falciloba Liebmann, Vid. Medd. Naturh. For. Kjöbenhavn 1852, :15, 1853. —L.B. Smith & B.G. Schubert, Contr. Gray Herb., 165:91, pl. 1, 1947. [***Knesebeckia***]. Mexico. Fig. 5.7, icon.
Knesebeckia falciloba (Liebmann) Klotzsch, 1855.

fallax A. de Candolle, Prodr., 15(1):329, 1864. —J. Doorenbos, Begonian. 67:170, 2000. India. Fig. 20.7. **R**
= **malabarica** Lamarck var. **malabarica,** 1785, non A. de Candolle 1864.

fasciculata Jack, Malay Misc., 2(7):12, 1822. [***Petermannia***]. Indonesia: SumatraSine figura; (12;33-1), (19; 14-1), ((19; 22-1),(21; 12-1).& (21;84-1). **R**
Petermannia fasciculata (Jack) Klotzsch, 1854.
Diploclinium fasciculatum (Jack) Miquel, 1856.

fasciculiflora Merrill, Philipp. J. Sci., 6:376, "1911," 1912. [***Petermannia***]. Philippines. Fig. S160, (21;17-2).

faureana Linden ex Garnier, Ill. Hort., 42:152, pl. 34, 1895. —Everett, J. New York Bot. Gard., 41:16, pl, 1940.
= **aconitifolia** A. de Candolle, 1859.

faureana Linden ex Garnier var. *metallica* Rodigas, Ill. Hort., 42:298, pl. 43, 1895. —Everett, J. New York Bot. Gard., 41:16, pl, 1940, [= **aconitifolia** A. de Candolle, 1859]. —Weber & Dress, Baileya, 16:61, 1968.
= **aconitifolia 'Hildegard Schneider'** Everett, 1940.

faureana Linden ex Garnier var. *argentea* Linden, Cat., :7, 1896. —Everett, J. New York Bot. Gard., 41:16, 1940.
= **aconitifolia** A. de Candolle, 1859.

faustinoi Burt-Utley & Utley, Novon 9:486, pl. 3, 1999. [***Weilbachia***]. Mexico. Fig. S191, icon(26;34-1a). **N**

favargeri Rechinger, Ann. K. K. Naturhist. Hofmus., 20:33, 1905. —Irmscher, Bot. Jahrb. Syst., 81:136, 1961 [= *caffra* Meisner var. *favargeri* Irmscher, 1961]. —Hilliard in Ross, Fl. South Afr., 22:141, 1976.
= **homonyma** Steudel, 1840.

fellereriana Irmscher, Bot. Jahrb. Syst., 78:187, 1959. [***Pritzelia ?***]. Brazil. Fig. 2.40.
parvipeltata A. de Candolle var. *bahiensis* A. de Candolle, 1861.

fenchihuensis Shao-Shun Ying, Coloured Illustr. Pl. Taiwan, 3:618,1988. —Doorenbos, Sosef & de Wilde, Wageningen Agric. Univ. Papers, 98(2):236, 1998. **N**
= **bui-montana** Yamamoto, 1933.

fengii T.C. Ku, Acta Phytotax, Sin., 33(3):269, pl. 15, 1995. [***Diploclinium I***]. Fig. S104, icon (9;16-1b). **N**

fenicis Merrill, Philipp. J. Sci., 3:421, 1908. [***Diploclinium I***]. Philippines. Fig. 24.10.
kotoensis Hayata, 1911.

fernaldiana L.B. Smith & B.G. Schubert, Contr. Gray Herb., 165:93, 1947. [***Knesebeckia***]. Mexico. Fig. 5.31.

fernando–costae Irmscher var. **fernando–costae,** Bot. Jahrb. Syst., 76:52, 1953. "*fernandoi–costae.*" [***Pritzelia***]. Brazil. Fig. 32.34.

fernando–costae Irmscher subsp. **proxima** Irmscher, Bot. Jahrb. Syst., 76:53, 1953. Brazil.

ferramica N. Hallé, Adansonia, II, 7:511, pl. 2, 1967. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):237, fig. 17.8, 1994. [***Scutobegonia***]. Gabon. Fig. 3.10. **R**

ferruginea Linnaeus f. var. **ferruginea,** Suppl., :419, 1781. —J.E. Smith, Pl., icon 2:pl. 44, 1790. [***Casparya***]. Colombia. Fig. 32.21, non typus.
magnifica Warscewicz ex Klotzsch, 1854, nomen nudum.
Stiradotheca ferruginea Klotzsch, 1854.
Stiradotheca magnifica Klotzsch, 1854.

magnifica Linden, 1855.
Stibadotheca ferruginea Klotzsch, 1855.
Stibadotheca magnifica Klotzsch, 1855.
Casparya ferruginea (Linnaeus f) A. de Candolle var. *holtonis* A. de Candolle, 1864.
Casparya ferruginea (Linnaeus f) A. de Candolle, 1864.

ferruginea Linnaeus f. var. **dilatata** L.B. Smith & B.G. Schubert, Caldasia, 4:22, 1946. Colombia.

ferruginea H. Hara, J. Coll. Sci. Imp. Univ. Tokyo, 30:123, 1911, non Linnaeus f., 1781. —Tang–Shui Liu & Ming–Jou Lai, Fl. Taiwan, 3:796, 1977 [= *randaiensis* Sasaki, 1928]; fide Ming-Jou Lai in schedula. **R**
= **palmata** D. Don var. **palmata,** 1825.

festiva Craib, Bull. Misc. Inform., :411, 1930. [***Diploclinium I***]. Siam. Sine figura; (26;22-1). **R**

fibrosa C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:652, 1879. [***Reichenheimia I ?***]. Burma. Fig. 10.8.

ficicola Irmscher, Bot. Jahrb. Syst., 76:213, 1954. Fig. 2.5. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):166, 1994. **R**
= **microsperma** Warburg, 1895.

fiebrigii C. de Candolle, Bull. Soc. Bot. Genève, II, 6:123, pl. 5, 1914. [***Pritzelia***]. Paraguay. Fig. 30.8. **R**

filibracteosa Irmscher, Bot. Jahrb. Syst., 50:361, 1913; Bot. Jahrb. Syst., 50:565, pl. 2:figs. 6a–b, 1914. [***Petermannia***]. New Guinea. Fig. 21.36.

filicifolia N. Hallé, Adansonia, II, 12:363, pl. 2:fig. 3–3a; pl. 3, 1972. —Doorenbos, Sosef & de Wilde, Wageningen Agric. Univ. Papers, 98(2):236, 1998.
Fig. 6.8. **R**
= **aspleniifolia** J.D. Hooker ex A. de Candolle, 1864.

filiformis Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:521, 1939. [***Reichenheimia I***]. China. Fig. 24.32.

filipes Bentham, Bot. Voy. Sulph., :101, 1844. —L.B. Smith & B.G. Schubert, Caldasia, 4:79, pl. 8, 1946. [***Doratometra***]. Nicaragua, Costa Rica, Panama to Surinam, Colombia, Venezuela. Fig. 20.22.
hygrophila C. de Candolle, 1896.
hygrophila C. de Candolle var. *puberula* C. de Candolle, 1896.
chepoensis C. de Candolle, 1919.
leptopoda C. de Candolle, 1919.
mameiana C. de Candolle, 1919.
heterodonta Rusby, 1920.
charadrophila Tutin, 1940.

fimbriata Liebmann, Vid. Medd. Naturh. For. Kjöbenhavn 1852, :18, 1853. [***Weilbachia***]. Mexico. Fig. 22.40.
Gireoudia fimbriata (Liebmann) Klotzsch, 1854.

fimbristipula Hance, J. Bot., 21:202, 1883. —Woon–Young Chun & Faith Chun, Sunyatsenia, 4:23, pl. 6, 1939. [***Diploclinium II***]. China. Fig. 8.1. **R**
cyclophylla J.D. Hooker, 1887.

finlaysoniana Wallich, Num. List, 129, :no. 3684, 1831, nomen nudum. —J. Golding, Phytologia, 40:16, 1978.

fischeri Schrank var. **fischeri,** Pl. Rar. Hort. Acad. Monac., 2:pl. 59, May 1820. —A. de Candolle in Martius, Fl. Bras., 4(1):345, 1861 [= *macroptera* Klotzsch, 1855]. —Irmscher, Bot. Jahrb. Syst., 76:98, 1953 [= *fischeri* Schrank var. *eufischeri* Irmscher, 1953]. —L.B. Smith & D.C. Wasshausen, Phytologia, 44:246, 1979; Phytologia, 54,466, 1984.— J. Sierra, Flora de Cuba, 3:25:13, pl.3, fig 13, 2000.[***Begonia***]. Central and South America. (Fig. 11.2). **R**
patula Haworth, May 1819.
patula Fischer ex Hornemann, 1819.
obliqua Vellozo, 1831, non Linnaeus, 1753.
brasiliensis Klotzsch, 1855.
elata Klotzsch, 1855.
moritziana Klotzsch, 1855.
setosa Klotzsch, 1855.
tovarensis Klotzsch, 1855. Fig. 11.2
tovarensis Moritz ex Klotzsch, 1855.

uliginosa Schott ex Klotzsch, 1855.
vellerea Klotzsch, 1855.
tovarensis Klotzsch var. *ocanensis* A. de Candolle, 1864.
lacustris Wright ex Grisebach, 1866.
ulei C. de Candolle, 1908.
cilibracteata C. de Candolle, 1919.
kaietukensis Tutin, 1940.
roraimensis Tutin, 1940.
fischeri Schrank var. *brasiliensis* (Klotzsch) Irmscher, 1953.
fischeri Schrank var. *elata* (Klotzsch) Irmscher, 1953.
fischeri Schrank var. *eufischeri* Irmscher, 1953.
fischeri Schrank var. *moritziana* (Klotzsch) Irmscher, 1953.
fischeri Schrank var. *tovarensis* (Klotzsch) Irmscher, 1953.
populifolia auct. non Kunth in Humboldt, Bonpland & Kunth: Liebmann, 1853.
patula auct. non Haworth: Klotzsch, 1855.

fischeri Schrank var. **brevipilosa** Irmscher, Bot. Jahrb. Syst., 76:24, 98, 1953.

fischeri Schrank var. **crenato–glabra** Irmscher, Bot. Jahrb. Syst., 76:24, 98, 1953.

fischeri Schrank var. **crenulato–glabra** Irmscher, Bot. Jahrb. Syst., 76:24, 99, 1953.

fischeri Schrank var. **ermanii** (Klotzsch) Irmscher, Bot. Jahrb. Syst., 76:24, pl. 1:fig. 6, 1953.
ermanii Klotzsch, 1855.
uliginosa Schott ex Klotzsch var. *ermanii* (Klotzsch) A. de Candolle 1861.

fischeri Schrank var. **klugii** Irmscher, Bot. Jahrb. Syst., 76:24, 99, pl. 1:fig. 9, 1953. Fig. 11.2.

fischeri Schrank var. **macroptera** (Klotzsch) Irmscher, Bot. Jahrb. Syst., 76:24, pl. 1:fig. 5, 1953. **R**
macroptera Klotzsch, 1855.
pohliana Klotzsch, 1855.
macroptera Klotzsch var. *paludum* A. de Candolle, 1861.
macroptera Klotzsch var. *pohliana* (Klotzsch) A. de Candolle, 1861
villosa auct. non Lindley: Gardner, 1842..
fischeri Schrank var. *fischeri* auct. non Schrank: Brade, 1957.

fischeri Schrank var. **malvacea** (Klotzsch) Irmscher, Bot. Jahrb. Syst., 76:24, pl. 2:fig. 2, 1953. Brazil. *malvacea* Klotzsch, 1855.
intercedens Irmscher, 1953.

fischeri Schrank var. **palustris** (Bentham) Irmscher, Bot. Jahrb. Syst., 76:24, pl.1:fig. 7, 1953. Colombia.
palustris Hartweg ex Bentham, 1845.
parvifolia Klotzsch, 1855, non Schott 1827.
tovarensis Klotzsch var. *palustris* Bentham) L.B. Smith & B.G. Schubert, 1946.

fischeri Schrank var. *brasiliensis* (Klotzsch) Irmscher, Bot. Jahrb. Syst., 76:24, pl. 1:fig. 4, 1953. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,467, 1984.
= **fischeri** Schrank var. **fischeri,** May 1820.

fischeri Schrank var. *elata* (Klotzsch) Irmscher, Bot. Jahrb. Syst., 76:24, pl. 1:fig. 3, 1953. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,467, 1984.
= **fischeri** Schrank var. **fischeri,** May 1820.

fischeri Schrank var. *eufischeri* Irmscher, Bot. Jahrb. Syst., 76:24, 98, 1953. —L.B. Smith & D.C. Wasshausen, Phytologia, 44:246, 1979.
= **fischeri** Schrank var. **fischeri,** May 1820.

fischeri Schrank var. *moritziana* (Klotzsch) Irmscher, Bot. Jahrb. Syst., 76:24, pl. 2:fig. 1, 1953. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,467, 1984.
= **fischeri** Schrank var. **fischeri,** May 1820.

fischeri Schrank var. *tovarensis* (Klotzsch) Irmscher, Bot. Jahrb. Syst., 76:24, pl. 1:fig. 1, 1953. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,467, 1984.
= **fischeri** Schrank var. **fischeri,** May 1820.

fischeri Schrank var. *fischeri* auct. non Schrank: Brade, Rodriguesia, 32:155, 1957. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,467, 1984.
= **fischeri** Schrank var. **macroptera** (Klotzsch) Irmscher, 1953.

fischeri Otto & Dietrich, Allg. Gartenzeitung, 4:354, 1836, non Schrank, 1820. —Graham, Bot. Mag., 63:pl. 3532, 1836. Fig. 30-1, icon. —Irmscher, Bot. Jahrb. Syst., 76:60, 1953.
= **dietrichiana** Irmscher, 1953.

fissisepala C. de Candolle, Bull. Herb. Boissier, II, 8:319, 1908. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,467, 1984.
= **umbellata** Kunth in Humboldt, Bonpland & Kunth, 1825.

fissistyla Irmscher, Bot. Jahrb. Syst., 76:591, 1949. [***Hydristyles***]. Bolivia. Fig. 33.14.

fissurarum C. de Candolle, Smithsonian Misc. Collect., 69(12):2, 1919. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:467, 1984. —K. Burt–Utley, Tulane Studies Zool. Bot., 25(1):102, 1985.
= **plebeja** Liebmann, 1853.

flacca Irmscher, Webbia, 9:486, pl. 4, 1953 [***Petermannia***]. Indonesia: Sulawasi. Fig. 25.13.

flaccidissima Kurz, J. Asiat. Soc. Beng., 41:308, 1872. [***Parvibegonia***]. Burma. Sine figura; (10;15-2). **R**

flagellaris H. Hara, J. Jap. Bot., 48, 4:358, pl. 3, 1973. [***Diploclinium I***]. Nepal. Fig S238, icon (9;15-2). **R**

flava W. Marais in Dyer, Fl. Pl. Africa, :31, pl. 1233, 1956. —Kupicha in Launert, Fl. Zambesiaca, 4:503, 1978. Portuguese East Africa. Fig. 28.9. **R**
= **sutherlandii** J.D. Hooker subsp. **latior** Kupicha 1978.

flava Binns, H.C.L.M., :23, 1968, non visus, non W. Marais, 1956. —Kupicha in Launert, Fl. Zambesiaca, 4:503, 1978. **N**
= **sutherlandii** J.D. Hooker subsp. **sutherlandii**, 1868.

flava F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2:40, 1974, sphalmate pro *lacinata* Roxburgh var. *flava* C.B. Clarke, 1879.

flavescens hort. ex Otto, Hamburger Garten–Blumenzeitung, 8:8, 1852, nomen nudum.

flaviflora H. Hara var. **flaviflora,** J. Jap. Bot., 45:91, 1970; Fl. E. Himalaya, 2:84, pl. 3b, 1971. [***Platycentrum***]. India. Fig. S95, (8;70-1a). **R**
laciniata Roxburgh var. *flava* C.B. Clarke 1879, pro parte.
laciniata Roxburgh subsp. *flava* (Clarke) Irmscher, 1939.

flaviflora H. Hara var. **gamblei** (Irmscher) J. Golding & C. Karegeannes, Phytologia, 54:496, 1984. India, Burma, China.
laciniata Roxburgh var. *flava* C.B. Clarke 1879, pro parte.
laciniata Roxburgh subsp. *gamblei* Irmscher, 1939.
palmata D. Don var. *gamblei* (Irmscher) H. Hara, 1966.

flaviflora H. Hara var. **vivida** J. Golding & C. Karegeannes, Phytologia, 54:496, 1984. Burma.
laciniata Roxburgh subsp. *flaviflora* Irmscher, 1939.

flexicaulis Ridley, Trans. Linn. Soc. London, Bot., II, 9:59, 1916. [***Petermannia***]. New Guinea. Fig. 21.3.

flexula Ridley, J. Roy. Asiat. Soc., Malayan Br., 1(87):63, 1923. [***Petermannia***]. Indonesia: Sumatra. Fig. 16.27.

flexuosa A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:142, 1859. —Standley, Field Mus. Nat. Hist., Bot. Ser., 18:745, 1937.
= **semiovata** Liebmann, 1853.

floccifera Beddome, Icon. Pl. Ind. Or., 1:23, pl. 111, 1874. [***Reichenheimia I***]. India. Fig. 7.5, icon.

floribunda Carrière, Rev. Hortic., 47:420, 1875. — L. Dorr, Harvard Papers in Botany 4(1):262, 1999. **N**
= **foliosa** Kunth in Humboldt, Bonpland & Kunth var. **miniata** (Planchon) L.B. Smith & B.G. Schubert, 1946.

floribunda T.C. Ku, Acta Phytotax. Sin., 35(1):48, pl. 29, 1997. S68, icon (3,61-2a).non Carrière, 1875. — L. Dorr, Harvard Papers in Botany 4(1):265, 1999.
= **sinofloribunda** L. Dorr, 1999.

fluminensis Brade, Rodriguesia, 18:30, pl. 2, 1945. [***Pritzelia***]. Brazil. Fig. 24.24, icon **R**

foliosa Kunth in Humboldt, Bonpland & Kunth var. **foliosa,** Nov. Gen. Sp., 7:folio 140, quarto 183, pl. 642, 1825. —L.B. Smith & B.G. Schubert, Caldasia, 4:191, 1946. — L. Dorr, Harvard Papers in Botany 4(1):258, 1999. [***Lepsia***]. Colombia, Venezuela, Ecuador. Fig. 17.19, icon.
elegans Kunth in Humboldt, Bonpland & Kunth, 1825.
Casparya elegans (Kunth in Humboldt, Bonpland & Kunth) Klotzsch, 1854.
microphylla herb. Willdenow ex Klotzsch, 1855.
Lepsia foliosa (Humboldt, Bonpland & Kunth) Klotzsch, 1855.
Lepsia poeppigiana Klotzsch, 1855.
foliosa Poeppig ex A. de Candolle, 1864.
jamesoniana A. de Candolle, 1859.
poeppigiana (Klotzsch) A. de Candolle, 1864.
splendens hort. Turicensis ex A. de Candolle, 1864.
foliosa Kunth in Humboldt, Bonpland & Kunth var. *australis* L.B. Smith & B.G. Schubert, 1946.
foliosa Kunth in Humboldt, Bonpland & Kunth var. *putzeysiana* (A. de Candolle) L.B. Smith & B.G. Schubert
foliosa Kunth in Humboldt, Bonpland & Kunth var. *rotundata* L.B. Smith & B.G. Schubert, 1946.

foliosa Kunth in Humboldt, Bonpland & Kunth var. *australis* L.B. Smith & B.G. Schubert, Caldasia, 4:198, pl. 17, 1946. — L. Dorr, Harvard Papers in Botany 4(1):259, 1999.
= **foliosa** Kunth in Humboldt, Bonpland & Kunth var **foliosa**, 1825.

foliosa Kunth in Humboldt, Bonpland & Kunth var. **microphylla** (Klotzsch). — L. Dorr, Harvard Papers in Botany, 4(1):261, 1999.
microphlla A. de Candolle, Prodr., 15(1):375, 1864, non Willdenow ex Klotzsch, 1855. **N**

foliosa Kunth in Humboldt, Bonpland & Kunth var. **major** (L.B. Smith) L. Dorr, Harvard Papers in Botany, 4(1): 260, 1999
microphylla A. de Candolle var. *major* L.B. Smith, 1976.

foliosa Kunth in Humboldt, Bonpland & Kunth var. **miniata** (Planchon) L.B. Smith & B.G. Schubert, Caldasia, 4:196, pl. 17, 1946. —L.B. Smith & D.C. Wasshausen, Fl. Venezuela, 4(1):37, 1989 [= **fuchsioides** W.J. Hooker, 1847]. nomen legitimum, L. Dorr, Harvard Papers in Botany, 4(1):261, 1999.
multiflora Bentham, 1845.
fuchsioides W.J. Hooker, 1847.
miniata Planchon & Linden, 1853.
Tittelbachia fuchsioides (W.J. Hooker) Klotzsch, 1854.
Tittelbachia miniata (Planchon & Linden) Klotzsch, 1854.
putzeysiana A. de Candolle, 1859.
fuchsioides W.J. Hooker var. *miniata* A. de Candolle, 1864.
floribunda Carrière, Rev. Hortic. 1875, non T.C. Ku, 1997.
fuchsioides W.J. Hooker f. *miniata* (Planchon) Voss, 1894.
fuchsioides W.J. Hooker var. floribunda (Carrière) Irmscher, 1960.

foliosa Kunth in Humboldt, Bonpland & Kunth var. *putzeysiana* (A. de Candolle) L.B. Smith & B.G. Schubert, Caldasia, 4:192, pl. 17, 1946. — L. Dorr, Harvard Papers in Botany 4(1):259, 1999.
= **foliosa** Kunth in Humboldt, Bonpland & Kunth var **foliosa**, 1825.

foliosa Kunth in Humboldt, Bonpland & Kunth var. *rotundata* L.B. Smith & B.G. Schubert, Caldasia, 4:192, pl.17, 1946. — L. Dorr, Harvard Papers in Botany 4(1):259, 1999.
= **foliosa** Kunth in Humboldt, Bonpland & Kunth var **foliosa**, 1825.

foliosa Poeppig ex A. de Candolle, Prodr., 15(1):376, 1864. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:469, 1984; in Harling & Andersson, Fl. Ecuador, 25:12,

1986. [= *foliosa* Kunth in Humboldt, Bonpland & Kunth var. *australis* L.B. Smith & B.G. Schubert, 1946]. — L. Dorr, Harvard Papers in Botany 4(1):259, 1999.
= **foliosa** Kunth in Humboldt, Bonpland & Kunth var **foliosa**, 1825.

foliosa Kunth in Humboldt, Bonpland & Kunth var. *amplifolia* L.B. Smith & B.G. Schubert, Caldasia, 4:198, pl. 17, 1946. —L.B. Smith & D.C. Wasshausen, Phytologia, 44:239, 1979.
= **holtonis** A. de Candolle var. **holtonis**, 1859.

fonsecae Standley, Ceiba, 3:150, 1952.—L.B. Smith & D.C. Wasshausen, Phytologia, 54:467, 1984. [= **polygonata** Liebmann, 1853, sphalmate].—K. Burt–Utley, Tulane Studies Zool. Bot., 25(1):111, 1985, nomen legitimum. [***Gireoudia***]. Honduras. Fig. S57, (3;5-2a). **R**

forbesii King, J. Asiat. Soc. Beng., pt. 2, Nat. Hist., 71:58, 1902. [***Reichenheimia I ?***]. Malaya. Fig. 8.16.

forbesii Vuijck ex Koorders, Exkurs.–Fl. Java, 2:649, 1912, pro syn. **muricata** Blume, 1853.

fordii Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:501, 1939. [***Diploclinium II***]. China. Fig. 31.24.

forgetiana Hemsley, Gard. Chron., III, 30:66, 1901. [***Pritzelia***]. Brazil. Fig. 17.31.

formosana (Hayata) Masamune var. **formosana,** J. Goeobot., 9 (3–4), :frontis, pl.41, 1961. —Tang–Shui Liu & Ming–Jou Lai Fl. Taiwan, 3:795, 1977. [***Platycentrum***]. Taiwan. Fig. S92, icon (8;10-1a). **R.**
laciniata Roxburgh var. *formosana* Hayata, 1911.
laciniata auct. non Roxburgh: Forbes & Hemsley, 1888.
sinensis auct. non A. de Candolle: Henry 1896
laciniata auct. non Roxburgh: Hayata 1906,

formosana (Hayata) Masamune f. **albomaculata** Tang–Shui Liu & Ming–Jou Lai, Fl. Taiwan, 3:795, 1977. Taiwan. **R**

formosissima Sandwith, Bull. Misc. Inform., :223, "1941," 1942. —emend. L.B. Smith, Phytologia, 27:212, pl. 1, 1973. — L. Dorr, Harvard Papers in Botany 4(1):254, 1999. [***Casparya***] Venezuela. Fig. 18.5.

forrestii Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:548, 1939. [***Platycentrum***]. China. Fig. 26.10.

foveolata Irmscher, Bot. Jahrb. Syst., 78:193, pl. 9:fig. 2, 1959. [***Platycentrum***]. India: Bengal. Fig. 32.5.

foxworthyi Burkill ex Ridley, Fl. Malay Penins., 5, suppl, :311, 1925. [***Reichenheimia I***]. Malaya. Fig. 22.36.

fragilis Baker, J. Linn. Soc., Bot., 22:479, 1887. Fig. 22.2, (22; 31). —M. Keraudren–Aymonin, Fl. Madagascar, 144:30, 1983. **R**
= **goudotii** A. de Candolle, 1859.

francisiae R. Ziesenhenne, Begonian, 49,63, pl. 1950. "*francisii.*" [***Weilbachia***]. Mexico. Fig. 3.12.

francoisii Guillaumin var. **francoisii,** Bull. Mus. Hist. Nat. (Paris), 31:477, 1925. [***Quadrilobaria***]. "*francoisi.*" Madagascar. Fig. 9.9.

francoisii Guillaumin var. **glabra** M. Keraudren, Fl. Madagascar, 144:53, 1983. Madagascar.

franconis Liebmann, Vid. Medd. Naturh. F. Kjöbenhavn 1852, :21, 1853. Fig. 28.22, non typus. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:443, 1983.
= **wallichiana** Lehmann, 1850, non Steudel, 1840.

fraseri Kiew, Sandakania, 6:64, pl. 1, 1995. [***Platycentrum***]. Peninsular Malaysia.. Sine figura, (28;108-1a). **N**

friburgensis Brade, Arq. Jard. Bot. Rio de Janerio, 15:31, pl. 1, 1957. [***Pritzelia***]. Brazil. Fig. 24.25, icon.

frigida hort. ex A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:143, 1859. —W.J. Hooker, Bot. Mag., 86:pl. 5160, 1860. [***Pritzelia***]. [perhaps a cultivar ?]. Fig. 34.3, icon.

fritz–muelleri Brade, Bol. Mus. Nac. Rio de Janeiro, Bot., n.s., 1:12, pl. 3, 1944. —Irmscher, Bot. Jahrb. Syst., 76:29, 1953 [= *limmingheana* Morren, 1866]. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):14, 1971 [= *procumbens* Vellozo, 1831]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:469, 1984.
= **radicans** Vellozo, 1831.

froebelii A. de Candolle, Gard. Chron., II, :552, 1874. [***Eupetalum***]. Ecuador. Fig. 8.38, non typus. **R**

fruticella Ridley, Trans. Linn. Soc. London, Bot., II, 9:60, 1916. [***Petermannia***]. New Guinea. Fig. 21.6.

fruticosa A. de Candolle in Martius, Fl. Bras., 4(1):377, 1861. —L.B. Smith & B.G. Schubert, Darwiniana, 5:114, pl. 17, 1941. [***Trendelenburgia***]. Brazil, Argentina. Fig. 14.3, non typus.
Trendelenburgia fruticosa Klotzsch, 1855.
castaneifolia hort. Boissier ex A. de Candolle, 1861,
splendens hort. Boissier ex A. de Candolle, 1861.

fuchsiiflora (A. de Candolle) A. Baranov & F.A. Barkley, Phytologia, 26:220, 1973. [***Casparya***]. Ecuador. Fig. 29.20. **R**
Casparya fuchsiiflora A. de Candolle, 1859.
fuchsiifolia Warburg 1894.
Stibadotheca fuchsiifolia (A. de Candolle) ex auctoribus, 1902.
mariae auct. non L.B. Smith: L.B. Smith & D.C. Wasshausen, 1979.

fuchsiifolia Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A) :146, 1894, sphalmate. —A. Baranov & F.A. Barkley, Phytologia, 26:220, 1973.
= **fuchsiiflora** (A. de Candolle) A. Baranov & F.A. Barkley, 1973.

fuchsioides W.J. Hooker, Bot. Mag., 73:pl. 4281, 1847. —L.B. Smith & B.G. Schubert, Caldasia, 4:197, 1946 [= *foliosa* var. *miniata* (Planchon) L.B. Smith & B.G. Schubert, 1946] —L.B. Smith & D.C. Wasshausen, Fl. Venezuela, 4(1):36, 1989.— L. Dorr, Harvard Papers in Botany, 4(1): 262, 1999. Fig. 17.18, icon. **R**
= **foliosa** Kunth in Humboldt, Bonpland & Kunth var. **miniata** (Planchon) L.B. Smith & B.G. Schubert, 1946.

fuchsioides hort. ex Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :126, 1854, pro syn. *Tittelbachia albiflora* Klotzsch, 1854, nomen nudum.

fuchsioides W.J. Hooker var. floribunda (Carrière) Irmscher in Pareys Blumengärtnerei. 80, 1960. — L. Dorr, Harvard Papers in Botany 4(1):262, 1999.
= **foliosa** Kunth in Humboldt, Bonpland & Kunth var. **miniata** (Planchon) L.B. Smith & B.G. Schubert, 1946.

fuchsioides W.J. Hooker var. *miniata* A. de Candolle, Prodr., 15(1):291, 1864. —L.B. Smith & B.G. Schubert, Caldasia, 4:197, 1946. —L.B. Smith & D.C. Wasshausen, Fl. Venezuela, 4(1):37, 1989. Bolivia. [= *fuchsioides* W.J. Hooker, 1847]. — L. Dorr, Harvard Papers in Botany, 4(1): 262, 1999. **R**
= **foliosa** Kunth in Humboldt, Bonpland & Kunth var. **miniata** (Planchon) L.B. Smith & B.G. Schubert, 1946.

fuchsioides W.J. Hooker f. *miniata* (Planchon) Voss, Vilm. Blumengärtnerei. ed. 3, 1:360, 1894. — L. Dorr, Harvard Papers in Botany, 4(1): 262, 1999. **R**
= **foliosa** Kunth in Humboldt, Bonpland & Kunth var. **miniata** (Planchon) L.B. Smith & B.G. Schubert, 1946.

fulgens hort. Lemoine, Cat. No., 123, 1893, non visus. Descriptione inchoata. [***Eupetalum ?***]. Bolivia. Sine figura.

fulvo–setulosa Brade, Arq. Serv. Florest., 2:22, pl. 3, 1943. [***Trachelocarpus***]. Brazil. Fig. 13.7, icon.

fulvo–villosa Warburg, Bot. Jahrb. Syst., 13:386, 1891; in Schumann & Lauterbach, Fl. Deutsch. Schutzgeb. Südsee, :459, 1901.
= **Symbegonia fulvo–villosa** Warburg 1894.

furfuracea J.D. Hooker in Oliver, Fl. Trop. Afr., 2:571, 1871. —J..J. de Wilde, Wageningen Univ. Papers, 2001-2:84, 2002.. [***Tetraphila***]. Cameroon, Bioko: Fernando Póo. Fig. 16.23.

fusca Liebmann, Vid. Medd. Naturh. F. Kjöbenhavn 1852, :7, 1853. [***Gireoudia***]. Mexico. Fig. 22.37. **R**
maxima hort. Berol. ex Klotzsch, 1854.
Magnusia maxima hort. ex Klotzsch, 1854.
Magnusia fusca (Liebmann) Klotzsch, 1855.
maxima hort. ex A. de Candolle, 1864.
johnstonii Standley ex J.R. Johnston, 1938, nomen nudum, non Oliver ex J.D. Hooker, 1866.

fuscisetosa Sands, Check List Flowering Pl of Brunei Darussalam, App. 2: 433, 1997. Brunei. Editus sero pro clave. **N**

fuscocaulis Brade, Arq. Jard. Bot. Rio de Janerio, 15:34, pl. 4, 1957. [***Pritzelia***]. Brazil. Fig. 19.26, icon.

fusialata Warburg var **fusialata** Bot. Jahrb. Syst., 22:37, 1895. —J..J. de Wilde, Wageningen Univ. Papers, 2001-2:89, pl. 7A, 7B, 2002 [***Tetraphila***]. Liberia to Angola. Fig. 21.30. **R**
alepensis A. Chevalier,1912.
epiphytica auct. non J.D. Hooker: Engler, 1921.

fusialata Warburg var **parviflora** J.J. de Wilde, Wageningen Univ. Papers, 2001-2:102, pl. 7B, 2002. Ghana, to Congo. **N**

fusialata Warburg var **parviflora** J.J. de Wilde, Wageningen Univ. Papers, 2001-2:103, pl. 7B, 2002. Principe. **N** .

fusibulba C. de Candolle, Candollea, 2:227, 1925. [***Quadriperigonia***]. Mexico. Fig. 28.20.

fusicarpa Irmscher, Bot. Jahrb. Syst., 76:212, 1954. —J..J. de Wilde, Wageningen Univ. Papers, 2001-2:103, pl. 8, 2002 [***Tetraphila***]. Liberia. Fig. 13.11. **R**

fusicarpa auct. non Irmscher: Adam, Mus. Nat. Hist. nat. nouv. B (Bot) 20:322, pl.77, 1971. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2: 54, 2002. **N**
= **cavallyensis** A. Chevalier, 1912.

gabonensis J..J. de Wilde, Wageningen Univ. Papers, 2001-2:107, pl.9, 2002. [***Tetraphila***]. Gabon. Editus sero pro clave. **N**

gagnepainiana Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:538, 1939. [***Platycentrum***]. China. Fig. 26.28.
duclouxii Gagnepain, 1919, pro parte quoad specimen Ducloux No. 4438 in herb. Paris.

galeottiana Lemaire, Jard. Fleur., 1, Misc. :14, 1851, nomen nudum.

galeottii hort. Berol. ex Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :174, 1855; Begoniac., :54, 1855, pro syn. *Ewaldia lobulata* Klotzsch, 1855. [= *lobata* Schott 1827]. —Doorenbos, Sosef & de Wilde, Wageningen Agric. Univ. Papers, 98(2):243, 1998.
= **Begonia rufa** Thunberg, 1821.

gamblei F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2, :44, 1974, sphalmate pro *laciniata* Roxburgh subsp. *gamblei* Irmscher, 1939.

gamolepis L.B. Smith & B.G. Schubert, Caldasia, 4:23, pl. 5, 1946. [***Casparya***]. Colombia. Fig. 21.9, icon.

garagarana C. de Candolle, Smithsonian Misc. Collect., 69(12):2, 1919. [***Gireoudia***]. Panama. Fig. 23.1.

gardneri A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:138, 1859. [***Pritzelia***]. Brazil. Fig. 4.24.

garrettii Craib, Bull. Misc. Inform., :411, 1930. [***Diploclinium II***]. Siam. Fig. 4.35.

garuvae L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):91, pl. 28, 1971. [***Pritzelia ?***]. Brazil. Fig. 19.12.

gaudichaudii Walpers, Repert. Bot. Syst., 5:769, 1846; Ann. Bot. Syst., 4:875, 1858 [= *Eupetalum petalodes* Lindley, 1836]. —L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:189, 1941
= **geraniifolia** W.J. Hooker, 1835.

gehrigeri L.B. Smith, Phytologia, 27:214, pl. 4. 1973. Venezuela. L.B. Smith & D.C. Wasshausen, Phytologia, 56:16, 1984. [= *trapa* L.B. Smith & B.G. Schubert var. *trapa*, 1945]. — L. Dorr, Harvard Papers in Botany, 4(1):264, 1999.
=**montana** (A. de Candolle) Warburg in Engler & Prantl, 1894.

gehrtii Irmscher, Bot. Jahrb. Syst., 78:188, pl. 9:fig. 1, 1959. [***Pritzelia***]. Brazil. Fig. 32.23.

gemella Warburg ex Koorders, Natuurw. Tijdschr. Ned. Indie, 63:91, 1904, nomen nudum. —A. Koorders-Schumacher, Suppl. Fl. Celebes,3: 46, pl. 94, 1922. — L.B. Smith & D.C. Wasshausen, Phytologia, 52:443, pl. 3, 1983. [***Petermannia***]. New Guinea. Fig. 25.8; (9;39-2a). **R**

geminiflora L.B. Smith & D.C. Wasshausen, Phytologia, 44:241, pl. 4, 1979. [***Gobenia***]. Ecuador. Fig. 3.15.

gemmipara J.D. Hooker & Thomson, Il. Himal. Pl., :pl. 14, 1855. [***Putzeysia***]. India: Sikkim. Fig. 5.6.
Putzeysia gemmipara (W.J. Hooker & Thomson) Klotzsch, 1855.

gemmirhiza Léveillé, Repert. Spec. Nov. Regni Veg., 9:450, 1911. China. [***?***]. Descriptione inchoata.

geniculata Jack, Malay Misc., 2(7):15, 1822. —Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :124, 1854 [= *Petermannia geniculata* Klotzsch, 1854]. —A. de Candolle, Prodr., 15(1):321, 1864.
= **isoptera** Dryander ex J.E. Smith, 1790.

geniculata Vellozo, Fl. Flum., icon., 10:pl. 51, "1827," 1831, non Jack, 1822; descr., Arch. Mus. Nat. Rio de Janeiro, 5:407, 1881. —A. de Candolle in Martius, Fl. Bras., 4(1):367, 1861.
= **convolvulacea** (Klotzsch) A. de Candolle, 1861.

gentilii De Wildeman, Ann. Mus. Cong., V, 1:294, 1906. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):165, fig. 16.5, 1994. [***Loasibegonia***]. Zaire. Fig. 2.17. **R**

geoffrayi Gagnepain, Bull. Mus. Hist. Nat. (Paris), 25:199, 1919. [***Diploclinium II ?***]. Cambodia. Fig. 20.48.

geraniifolia W.J. Hooker, Bot. Mag., 62:pl. 3387, 1835. [***Eupetalum***]. Peru. Fig. 10.13, icon.
petalodes Lindley, 1836.
Eupetalum petalodes Lindley, 1836.
Eupetalum lindleyanum Gaudichaud, 1842.
guadichaudii Walpers, 1846.
tuberosa Ruiz ex Klotzsch, 1854, non Lamarck, 1785.
Eupetalum geraniifolium (W.J. Hooker) Klotzsch, 1854.
Eupetalum kunthianum Klotzsch, 1855.
Eupetalum lindleyanum herb. Kunth ex Klotzsch, 1855.
Eupetalum tuberosum herb. Ruiz ex Klotzsch, 1855.

geranioides J.D. Hooker, Bot. Mag., 92:pl. 5583, 1866. [***Augustia***]. South Africa. Fig. 7.18, icon.

gesnerioides L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:190, 1941. [***Ruizopavonia ?***]. Peru. Fig. 17.4.

gesnerioides S.H. Huang & Y.M. Shui, Acta Bot. Yunnanica, 16(4):341, pl. 9, 1994., non L.B. Smith & B.G. Schubert, 1941. —S.H. Huang, Acta Bot. Yunnanica, 21(1):21, 1999. Fig. .S140, (15;9-1a). **N**
= **hekouensis** S.H. Huang, 1999.

gigantea Wallich, Num. List, 129, :no. 3677, 1831, pro parte, nomen nudum. —A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:144, 1859, nomen nudum; Prodr.,15(1):406, 1864 [= *Mezierea nepalensis* A. de Candolle, 1864]. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:643, 1879 [= *gigantea* Wallich ex C.B. Clarke, 1879; sphalmate]. —Warburg in

Engler & Prantl, Nat. Pflanzenfam., 3(6A):142, 1894.
= **nepalensis** (A. de Candolle) Warburg var. **nepalensis,** 1894.

gigantea Wallich, Num. List, 129, :no. 3677B, 1831, nomen nudum. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:636, 1879. [= *silletensis* (A. de Candolle) C.B. Clarke, 1879. M.C. Tebbitt & K.-Y. Guan, Novon 12: 133-6, 2002. **R**
= **aborensis** Dunn, 1920.

gilgiana Irmscher, Bot. Jahrb. Syst., 50:340, 1913; Bot. Jahrb. Syst. 50:565, pl. 2:fig. 7, 1914. [***Petermannia***]. New Guinea. Fig. 18.15, icon.

gilgii Engler, Veg. Erde, 9(3.2):616, 1921. —Doorenbos, Sosef & de Wilde, Wageningen Agric. Univ. Papers, 98(2):238, 1998. Fernando Po. Fig. 3.8. **R**
= **sessilifolia** J.D. Hooker in Oliver, 1871.

gitingensis Elmer, Leafl. Philipp. Bot., 2:738, 1910. [***Diploclinium I***]. Philippines. Fig. 14.37.

glaberrima Urban & Ekman, Ark. Bot., 23A(5):99, 1930. [***Begonia***]. West Indies: Haiti. Fig. 34.4.

glabra Aublet var. **glabra,** Hist. Pl. Guiane, 2:916, pl. 349, 1775.— J. Sierra, Flora de Cuba, 3:8, pl.3, fig.7, 2000. [***Wageneria***]. West Indies, Mexico to Ecuador. Fig. 14.7, non typus; Fig. S226, icon (14;14-2).
Rumex sylvestris scandens, foliis cordato–angulatis ab altera parte majoribus Browne, 1756, pro parte, synonymo excluso.
scandens Swartz, 1788.
elliptica Kunth in Humboldt, Bonpland & Kunth, 1825.
populifolia Schott 1827, non Kunth in Humboldt, Bonpland & Kunth, 1825.
lucida Otto & Dietrich, 1848.
moritziana Kunth & Bouché 1849.
physalifolia Liebmann, 1853.
Wageneria glabra (Aublet) Klotzsch, 1854.
Wageneria lucida (Otto & Dietrich) Klotzsch, 1854.
Wageneria deflecta Klotzsch, 1855.
Wageneria montana Klotzsch, 1855.
locellata A. de Candolle, 1859.
Pritzelia deflexa A. de Candolle, 1864.
Pritzelia glabra A. de Candolle, 1864.
Pritzelia lucida A. de Candolle, 1864.
Pritzelia montana A. de Candolle, 1864.
hoegeana Regel & Schmidt, 1886.
repens Sessé & Mociño, 1894, non Lamarck, 1785.

glabra Aublet var. **amplifolia** (A. de Candolle) L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:191, 1941. Colombia.
scandens Swartz var. *amplifolia* A. de Candolle, 1864.

glabra Aublet var. **coralipetiolis** hort. Begonian, 13:153, 1946. Costa Rica.

glabra Aublet var. **cordifolia** C.. de Candolle) Irmscher, Pareys Blumengart., ed. 2, :72, 1960.
scandens Swartz var. *cordifolia* C. de Candolle, 1908.

glabra Aublet var. *physalifolia* Liebmann ex Buxton Check List Begonias, :78, 1957, nomen nudum.

glabra herb. Ruiz ex Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :128, 1854, pro syn. *Sassea glabra* Klotzsch, 1855. —A. de Candolle, Prodr., 15(1):274, 1864 [= *Casparya columnaris* (Bentham) A. de Candolle var. *glabra* A. de Candolle, 1864]. —L.B. Smith & B.G. Schubert, Caldasia, 4:34, 1946.
= **urticae** Linnaeus f., 1781.

glabra Vuijck ex Koorders, Exkurs.–Fl. Java, 2:647, 1912, pro syn. **vuijckii** Koorders, 1812, non Aublet 1775.

glabricaulis Irmscher var. **glabricaulis,** Bot. Jahrb. Syst., 50:374, 1913. [***Petermannia***]. New Guinea. Fig. 18.11.

glabricaulis Irmscher var. **brachyphylla** Irmscher, Bot. Jahrb. Syst., 50:373, 1913. New Guinea.

gladiifolia Engler, Veg. Erde, 9(3.2):619, 1921.

—emend. Wilczek, Bull. Jard. Bot. Nat. Belg., 39:84, 1969. —L.B. Smith, D.C. Wasshausen, J. Golding, & C. Karegeannes, Smithsonian Contr. Bot., 60:382, Fig. 14.16, 1986. —J.C. Arends, Wageningen Agric. Univ. Papers, :196, 1992 .—J..J. de Wilde, Wageningen Univ. Papers, 2001-2:146, 2002. **R**
= **longipetiolata** Gilg, 1904.

glandulifera Grisebach, Fl. Brit. W.I., :304, 1860. [***Begonia ?***]. —W.J. Hooker, Bot. Mag., 94:pl. 5695, 1868. [***Gireoudia***].Trinidad. Fig. 23.27, icon. **R**

glandulosa W.J. Hooker, Bot. Mag., 87:pl. 5256, 1861. —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:178, 1961. —J. Golding, Phytologia, 40:456, 1978 [nomen confusum, sphalmate]. —R. Ziesenhenne, Begonian, "49," 48:178, 1981 [non **pinetorum** A. de Candolle, 1859, sed sphalmate = *nigrovenia* hort. Linden ex W.J. Hooker, 1861]. —K. Burt–Utley, Brittonia, 36:233, 1984, nomen legitimum. [***Platycentrum***] Mexico. Fig.S231, icon (22;60-1a). **R**
nigrovenia hort. Linden ex W.J. Hooker, 1861.
nigrovenia Regel, 1867.
dayi hort, 1947.
hidalgensis L.B. Smith & B.G. Schubert, 1950.

glandulosa auct. non W.J. Hooker: A. de Candolle, Prodr., 15(1):339, 1864. —Standley, Field Mus. Nat. Hist., Bot. Ser., 18:744, 1937. —J. Golding, Phytologia, 40:456, 1978.
= **multinervia** Liebmann, 1853.

glandulosa auct. non W.J. Hooker: J.D. Smith, Enum. Pl. Guat., 4:182, 1895. --L.B. Smith & B.G. Schubert, Ann. Missouri Bot., Gard. 45:46, 1958. **R**
= **plebeja** Liebmann, 1853.

glauca (Klotzsch) Ruiz & Pavon ex A. de Candolle, Prodr., 15(1):330, 1864. [***Cyathocnemis***]. Peru. Fig. 20.28.
glauca Ruiz ex Klotzsch, 1854.
Pritzelia glauca Klotzsch, 1855.

glauca Ruiz ex Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854, pro syn. *Pritzelia glauca* Klotzsch, 1855. —A. de Candolle, Prodr., 15(1):330, 1864.
= **glauca** (Klotzsch) Ruiz & Pavon ex A. de Candolle, 1864.

glaucoides Irmscher, Bot. Jahrb. Syst., 74:582, 1949. [***Ruizopavonia***]. Peru. Fig. S250, (33;31-2). **R**

glaucophylla J.D. Hooker, Bot. Mag., 118:pl. 7219, 1892. —Irmscher, Bot. Jahrb. Syst., 76:29, 1953 [= *limmingheana* Morren, 1866]. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):14, 1971 [= *procumbens* Vellozo, 1831]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:469, 1984.
= **radicans** Vellozo, 1831.

glaucophylla J.D. Hooker var. *scandens* hort. ex Fotsch, Begonien, :26, 1933, pro syn. *glaucophylla* J.D. Hooker, 1892. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):14, 1971 [= *procumbens* Vellozo, 1831]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:469, 1984.
= **radicans** Vellozo, 1831.

glaucophylla J.D. Hooker var. *splendens* hort. ex Fotsch, Begonien, :26, 1933, pro syn. *glaucophylla* J.D. Hooker, 1892. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):14, 1971 [= *procumbens* Vellozo, 1831]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:469, 1984.
= **radicans** Vellozo, 1831.

glechomifolia C.M. Hu ex C.Y. Wu & T.C. Ku, Acta Phytotax, Sin., 33(3):255,1995. [***Diploclinium II***]. China: Guangxi. Sine figura, (10; 23-2a).& (11; 11-2a). **N**

goegoensis N.E. Brown, Gard. Chron., II, :71, 1882. —Fotsch, Begonien, :38, pl. 14, 1933. —Graf, Exotica, 3:306, pl, 1963. [***Reichenheimia I***]. Indonesia: Sumatra. Fig. 2.29, icon. **R**

gomantongensis Kiew, Gardens' Bull. Singapore 50:164, 1998. [***Petermannia***]. Borneo: Sabah. Sine figura, (28:9-2a). **N**

goniotis C.B. Clarke in J.D. Hooker, Fl. Brit. Ind.,

2:648, 1879. [***Platycentrum***]. Burma. Fig. 21.11.

gossweileri Irmscher, Bot. Jahrb. Syst., 81:184, 1961. [***Filicibegonia***]. Angola. Fig. S16, (14;62-2). **R**

goudotii A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:131, 1859. —M. Keraudren–Aymonin, Fl. Madagascar, 144:30, pl. 7, 1983.—Sands, Curtis's Bot Mag. 18(1):12-7, pl. 407, 2001. [***Quadrilobaria***]. Madagascar. Fig. S165, (22;31-2a). (Fig. 22.21).
fragilis Baker, 1887. Fig. 22.21.

gouroana A. Chevalier, Bull. Soc. Bot. France, 58(Mem.8d):176, "1911," 1912. —Keay in Hutchinson & Dalziel, Fl. W. Trop. Afr., ed. 2, 1:219, 1954.
= **macrocarpa** Warburg, 1895.

gracilicaulis Irmscher, Bot. Jahrb. Syst., 57:244, 1921. —Doorenbos, Sosef & de Wilde, Wageningen Agric. Univ. Papers, 98(2):238, 1998. Cameroon. Fig.S20, (18; 28-2). **R**
= **macrocarpa** Warburg, 1895.

gracilipes Merrill, Philipp. J. Sci., 6:405, "1911," 1912. [***Petermannia***]. Philippines. Fig. 9.20.

gracilipetiolata De Wildeman, Ann. Mus. Cong., V, 2:319, 1908. —emend. Fernandes, Bol. Soc. Brot., II, 44:9, pl. 3, 1970. —L.B. Smith, D.C. Wasshausen, J. Golding, & C. Karegeannes, Smithsonian Contr. Bot., 60:381, Fig. 14.11, 1986. —J.C. Arends, Wageningen Agric. Univ. Papers, 91(6):195, 1992. —J..J. de Wilde, Wageningen Univ. Papers, 2001-2:144, 2002. **R**
= **longipetiolata** Gilg, 1904.

gracilis Kunth in Humboldt, Bonpland & Kunth var. **gracilis,** Nov. Gen. Sp., 7:folio 141, quarto 184, 1825. [***Quadriperigonia***]. Mexico. (Fig. 28.29).

gracilis Kunth in Humboldt, Bonpland & Kunth var. **annulata** A. de Candolle, Prodr., 15(1):309, 1864. Mexico

gracilis Kunth in Humboldt, Bonpland & Kunth var. **depauperata** A. de Candolle, Prodr., 15(1):309, 1864. Mexico.

gracilis Kunth in Humboldt, Bonpland & Kunth var. **diversifolia** A. de Candolle, Prodr., 15(1):310, 1864. Mexico. Fig. (28.29) .
diversifolia Graham, 1829.
diversifolia Knowles & Wescott, 1837.

gracilis Kunth in Humboldt, Bonpland & Kunth var. **martiana** A. de Candolle, Prodr., 15(1):309, 1864. Mexico.
Totoncaxoxo coyollin Hernandez, 1651.
martiana Link & Otto, 1825.
heterophylla hort. Schoenbr. ex Klotzsch, 1854.
Knesebeckia martiana (Link & Otto) Klotzsch, 1854.
bulbifera Moricand ex A. de Candolle, 1864, non Link & Otto, 1831.
tuberosa Sessé & Mociño, 1890.

gracilis Kunth in Humboldt, Bonpland & Kunth var. **membracea** A. de Candolle, Prodr., 15(1):309, 1864. Mexico.

gracilis var. **nevipilosa** A. de Candolle, Prodr., 15(1):309, 1864. Mexico.

gracillima A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:120, 1859. [***Eupetalum***]. Peru. Fig. 8.31.

grahamiana Wight, Icon. Pl. Ind. Orient., 5(2):9, pl. 1811, 1852. —A. de Candolle, Prodr., 15(1):389, 1864.
= **albo–coccinea** W.J. Hooker, 1845.

grandibracteolata Irmscher, Bot. Jahrb. Syst., 76:91, 1953. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:467, 1984.
= **aeranthos** L.B. Smith & B.G. Schubert, 1952.

grandiflora Jacquin, Coll., 1:128. "1786," 1787, excl. syn. Brown [= *macrophylla* Lamarck, 1785]. —J. Golding, Phytologia, 45:246, 1980.
= **obliqua** Linnaeus 1753.

grandiflora Knowles & Wescott, Fl. Cab., 1:51, pl. 25, 1837. —Steudel, Nom. Bot., ed. 2, , 1:194, 1840.
= **octopetala** l'Héritier var. **octopetala,** 1788.

grandipetala Irmscher, Bot. Jahrb. Syst., 50:377, 1913. [***Petermannia***]. Indonesia: Sulawasi. Fig. 4.9.

grandis Dryander var. **grandis,** Trans. Linn. Soc., 1:163, 1791. [***Diploclinium II***]. China: Japan. Fig. 12.21.icon)

grandis Dryander subsp. **evansiana** (Andrews) Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:492, 1939, "*grandis* conta. *evansiana*." China. (Fig. 12.21., icon) . **R**
Sjukaido Kaempfer, 1712.
evansiana Andrews, 1811. Fig. 12.21, icon.
discolor R. Brown 1813.
bulbifera hort. ex Steudel, 1821.
Diploclinium evansianum (Andrews) Lindley, 1846.
Knesebeckia discolor ®. Brown) Klotzsch, 1854.
Platycentrum discolor ®. Brown) Miquel, 1856.
erubescens Léveillé, 1909.
sinensis A. de Candolle var. *haemaloneura* Franch ex Gagnepain, 1919.
obliqua auct. non Linnaeus: Thunberg, 1784.

grandis Dryander subsp. **evansiana** (Andrews) Irmscher var. **simsii** Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:493, 1939, "*grandis* conta. *evansiana* var. *simsii*." China.

grandis Dryander subsp. **evansiana** (Andrews) Irmscher var. **unialata** Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:493, pl. 12, 1939, "*grandis* conta. *evansiana* var. *unialata*." China.

grandis Dryander subsp. **holostyla** Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:498, pls. 14–15, 1939. "*grandis* conta. reg. *holostyla*."China.
sinensis auct. non A. de Candolle: J.D. Hooker, 1899.

grandis Dryander subsp. **sinensis** (A. de Candolle) Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:494, pl. 13, 1939, "*grandis* conta. *sinensis*." China.
sinensis A. de Candolle, 1859.
martinii Léveillé, 1904.
bulbosa Léveillé, 1909.

grandis Dryander subsp. **sinensis** (A. de Candolle) Irmscher var. **puberula** Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:496, 1939, "*grandis* conta. *sinensis* var. *puberula*." China.

grandis Otto, Allg. Gartenzeitung, 4:349, 1836, non Dryander, 1791, pro syn. *vitifolia* Schott, 1827. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:446, 1983.
= **reniformis** Dryander, 1791.

grandis auct. non Dryander: Reinwardt ex Koorders, Exkurs.–Fl. Java, 2:646, 1912, pro syn. **multangula** Blume var. **multangula,** 1827.

grantiana Craib, Gard. Chron., III, 83:66, 1928. [***Parvibegonia***]. Siam. Fig. 30.54.

grata Geddes ex Craib, Gard. Chron., III, 83:66, 1928. [***Parvibegonia***]. Siam. Fig. 8.3.

grewiifolia (A. de Candolle) Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894, "*grewiaefolia*." —L.B. Smith & D.C. Wasshausen, Phytologia, 44:242, 1979.
= **longirostris** Bentham, 1845.

griffithiana (A. de Candolle) Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):142, 1894. [***Monopteron***]. India: Himalaya. Fig. S154, (19;20-1). **R**
Mezierea griffithiana A. de Candolle, 1859.
episcopalis C.B. Clarke 1879.

griffithii W.J. Hooker, Bot. Mag., 83:pl. 4984, 1857, Fig. 23.8. —Regel, Gartenfl., 8:15, 1859 [= *Platycentrum annulatum* K. Koch ex Regel 1857]. —A. de Candolle, Prodr., 15(1):350, 1864 [= *griffithii* W.J. Hooker, 1857]. —Irmscher, Bot. Jahrb. Syst., 78:191, 1959.
= **annulata** K. Koch, 1857.

grisea A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:138, 1859. [***Pritzelia***]. Brazil. Fig. 10.2, non typus.
ragozinii Schwacke, 1900.

griseocaulis Irmscher, Biblioth. Bot., 116:112, 1937. —L.B. Smith & D.C. Wasshausen, Phytologia, 44,244, 1979. Ecuador.
= **erythrocarpa** A. de Candolle, 1859.

griseocaulis auct. non Irmscher: L.B. Smith & B.G. Schubert, Mem. New York Bot. Gard., 8:38, 1952, pro parte. —L.B. Smith & D.C. Wasshausen, Phytologia, 44,244, 1979.
= **compacticaulis** Irmscher, 1949.

groenewegensis hort. ex K. Koch & G.A. Fintelmann, Wochensch. Gartneirei Pflanzenk., 2:15, 1860. [*?*]. Indonesia: Java. Sine figura.

guaduensis Kunth in Humboldt, Bonpland & Kunth, Nov. Gen. Sp., 7:folio 137, quarto 178, 1825. —L.B. Smith & B.G. Schubert, Caldasia, 4:183, pl. 14, 1946. —L.B. Smith & D.C. Wasshausen, Fl. Venezuela, 4(1):29, 1989. [***Ruizopavonia***]. Panama, Colombia, Venezuela. Fig. 20.34, icon. **R**
ottonis Walpers, 1843.
walpersii Heynhold, 1846.
Donaldia ottonis (Walpers) Klotzsch, 1854, nomen nudum.
laurina hort. ex A. de Candolle, 1864.
andreana Sprague, 1905.
serratifolia C. de Candolle, 1919.
guaduensis Kunth in Humboldt, Bonpland & Kunth var. *andreana* (Sprague) L.B. Smith & B.G. Schubert, 1946.

guaduensis Kunth in Humboldt, Bonpland & Kunth var. *andreana* (Sprague) L.B. Smith & B.G. Schubert, Caldasia, 4:185, 1946. —L.B. Smith & D.C. Wasshausen, Fl. Venezuela, 4(1):29, 1989. **R**
= **guaduensis** Kunth in Humboldt, Bonpland & Kunth, 1825.

guangxiensis C.Y. Wu, Acta Phytotax. Sin., 35(1):45, pl. 27, 1997 [***Coelocentrum***].China. Fig.S176, icon (24;101-2a). **N**

guantosii F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2, :49, 1974, sphalmate pro *quintasii* C. de Candolle, 1892.

guatemalensis Van Houtte ex Galeotti, J. Hort. Prat. Belgique, 11:5, 1853. Descriptione inchoata. [*?*].

gueinziana Irmscher, Bot. Jahrb. Syst., 81:177, 1961. South Africa. Fig. 6.1. —Hilliard in Ross, Fl. South Afr., 22:141, 1976 [= *sutherlandii* J.D. Hooker var. *sutherlandii*, 1868]. —Kupicha in Launert, Fl. Zambesiaca, 4:503, 1978. **R**
= **sutherlandii** J.D. Hooker subsp. **sutherlandii**, 1868.

gueritziana L.S. Gibbs, J. Linn. Soc., Bot., 42:82, 1914. —Kiew, Gardens' Bull. Singapore 53:260, 2001. [**Platycentrum**]. Borneo: Sabah. Fig. 23.7, icon. **R**

guishanensis S.H. Huang & Y.M. Shui, Acta Bot. Yunnanica, 16(4):336, pl. 4, 1994. [***Diploclinium III***]. China: Yunnan. Fig. S93, icon (8;14-2a). **N**

gulinqingensis S.H. Huang & Y.M. Shui, Acta Bot. Yunnanica, 16(4):334, pl. 2, 1994. [***Diploclinium I***]. China: Yunnan. Fig. S100, icon (9:10-2a). **N**

gungshanensis C.Y. Wu, Acta Phytotax, Sin., 33(3):270, pl. 16, 1995. [***Platycentrum ?***]. China: Yunnan. Fig. S143, icon (16;34-1a). **N**

gunnerifolia Linden, Cat., 93:3, 1875. —Linde & Andre, Ill. Hort., 22:106, pl. 212, 1875. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:467, 1984 [= **parviflora** Poeppig & Endlicher, 1835, sphalmate]. —fide J. Golding & L.B. Smith in litteris, nomen legitimum. Colombia. **R**

guttata Wallich, Num. List, 129, :no. 3671A, 1831, nomen nudum. —A. de Candolle, Prodr. 15(1):352, 1864. **R**
= **guttata** Wallich ex A. de Candolle var. **guttata**, 1864.

guttata Wallich, Num. List, 129, :no. 3671B, 1831, nomen nudum. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:650, 1879, non Wallich ex A. de Candolle, 1864.
= **sinuata** Wallich ex Meisner var. **sinuata**, 1836.

guttata Wallich ex A. de Candolle var. **guttata**, Prodr., 15(1):352, 1864. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:648, 1879. [***Parvibegonia***]. Malaya. Fig. 12.18. **R**
guttata Wallich, no. 3671A, 1831, nomen nudum.
integrifolia Dalzell var. *guttata* Gagnepain 1921.

guttata Wallich ex A. de Candolle var. **angopensis** Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:154, 1929. Siam.

guttata Wallich ex A. de Candolle f. **elongata** Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:154, 1929. Malaya.

guyanensis A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:142, 1859. —Standley, Field Mus. Nat. Hist., Bot. Ser., 18:746, 1937.
= **semiovata** Liebmann, 1853.

guyanensis A. de Candolle var. *cearensis* C. de Candolle in Huber, Bull. Herb. Boissier, II, 1:315, 1901. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,467, 1984.
= **humilis** Dryander var. **humilis**, 1789.

guyanensis A. de Candolle var. *glaberrima* C. de Candolle, Bot. Gaz., 20:540, 1895. —L.B. Smith & B.G. Schubert, Caldasia, 4:78, 1946.
= **semiovata** Liebmann, 1853.

haageana Watson, Gard. Chron., III, 6:388, 1889; Gard. Chron., III, 16:632, pl. 81, 1894. —Irmscher, Pareys Blumengart., ed. 2:74, 1960.
= **scharffii** J.D. Hooker, 1888.,

haematotricha hort. Boissier ex A. de Candolle in Martius, Fl. Bras., 4(1):344, 1861, pro syn. **humilis** Dryander var. **porteriana** A. de Candolle, 1861.

hainanensis Woon–Young Chun & Faith Chun, Sunyatsenia, 4:20, pl. 8:fig. 4, 1939. [***Petermannia ?***]. China. Fig. 21.31. **R**

halconensis Merrill, Philipp. J. Sci., 6:385, "1911," 1912. [***Petermannia***]. Philippines. Fig. 19.9.

halmiltoniana Lehmann, Neue Allg. Deutsche Garten–Blumenzeitung, 6:456, 1850. —Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :122, 1854 [= *acuminata* Dryander, 1791]. —O.E. Schulz in Urban, Symb. Antil., 7:13, 1911.
= **acutifolia** Jacquin, 1787.

hammoniae Irmscher, Bot. Jahrb. Syst., 76:54, 1953. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):109, 1971.
= **hispida** Schott var. **hispida**, 1827.

handelii Irmscher, Akad. Wiss. Wein. Math. Natur. Wis. K. Anz., 58:24, 1921; Mitt. Inst. Allg. Bot. Hamburg 6 (3): 348, 1927. —Woon–Young Chun & Faith Chun, Sunyatsenia, 4:22, pl. 9, fig. 5, 1939, Fig. 26.6.—S.H. Huang, & Y.M. Shui, Acta Bot. Yunnanica, 21(1):11, 1999. [= **balansana** Gagnepain, sphalmate]. [***Sphenanthera***] Vietnam, **R**

handelii auct. non Irmscher: Fl. Hainan. 1:487, 1964. — L. Liou in Iconogr. Corm. Sin. Suppl. 2:541, pl. 8913, in clave. 1983.pro parte quoad pl. Hainan, —C.Y. Wu, Acta Phytotax. Sin., 33(3):267, pl. 13, 1995. **N**
= **chuniana** C.Y. Wu, 1995.

handroi Brade, Arq. Jard. Bot. Rio de Janerio, 13:79, pl. 5, 1954. [***Pritzelia***]. Brazil. Fig. 27.38.

haniffii Burkhill, J. Asiat. Soc., Straits Br., 79:103, 1918. —Ridley, Fl. Malay Penins., 1:856, 1922 [= *curtisii* Ridley, 1911; non fide Irmscher, 1929]. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:151, 1929. [***Parvibegonia***]. Siam. Fig. 28.53. **R**

harlingii L.B. Smith & D.C. Wasshausen, Phytologia, 44:246, pl. 9, 1979. [***Begonia***]. Ecuador. Fig. 16.22.

harmandii Gagnepain, Bull. Mus. Hist. Nat. (Paris), 25:200, 1919. [***Reichenheimia III***]. South Vietnam. Fig. 8.36.

harrowiana Diels, Notes Roy. Gard. Edinburgh, 5:166, 1912. —Gagnepain, Bull. Mus. Hist. Nat. (Paris), 25:282, 1919.

= **labordei** Léveillé, 1904.

hasskarliana (Miquel) A. de Candolle, Prodr., 15(1):329, 1864. [***Diploclinium I***]. Indonesia: Sumatra. Sine figura; (24;111-1). **R**
hasskarliana Miquel in herb. Teysm. 1858.
Diploclinium hasskarlianum Miquel, 1858.

hasskarliana Miquel in herb. Teysm. Fl. Ned. Ind., 1,1:1091, 1858, pro syn. *Diploclinium hasskarlianum* Miquel, 1858. —A. de Candolle, Prodr., 15(1):329, 1864.
= **hasskarliana** (Miquel) A. de Candolle, 1864.

hasskarlii Zollinger & Moritzi, Syst. Verzeich., :31, 1846 [= *peltata* Hasskarl, 1843, non Otto & Dietrich, 1841]. —Hasskarl, Pl. Jav. Rar., :240, 1848
= **coriacea** Hasskarl, 1844

hasskarlii auct. non Zollinger & Moritzi: King, J. Asiat. Soc. Beng., pt. 2, Nat. Hist., 71:62, 1902; Ridley, Fl. Malay Penins., 1:860, 1922. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:106, 1929.
= **kingiana** Irmscher, 1929.

hasskarlii Zollinger & Moritzi var. *hirsuta* Ridley, Fl. Malay Penins., 1:860, 1922. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:97, 1929. **R**
= **ignorata** Irmscher, 1929.

hassleri C. de Candolle, Bull. Soc. Bot. Genève, II, 8:22, pl. 1, 1916. [***Begonia***]. Argentina. Fig. 29.13, icon.

hastata Vellozo, Fl. Flum., icon., 10:pl. 54, "1827," 1831; descr, Arch. Mus. Nat. Rio de Janeiro, 5:407, 1881. —A. de Candolle in Martius, Fl. Bras., 4(1):358, 1861.
= **angularis** Raddi var. **angularis**, 1820.

hatacoa F. Hamilton ex D. Don var. **hatacoa**, Prodr. Fl. Nepal, :223, 1825. [***Platycentrum***]. Nepal. Fig. 16.7.
rubrovenia W.J. Hooker, 1853.
rubronervia hort. ex Klotzsch, 1855.
Platycentrum rubrovenium (W.J. Hooker) Klotzsch, 1855.
barbata auct. non Wallich ex A. de Candolle: Wallich, 1831, pro parte, nomen nudum.

hatacoa F. Hamilton ex D. Don var. **meisneri** (C.B. Clarke) J. Golding, Phytologia, 40:19, 1978. India.
meisneri Wallich, 1832, nomen nudum.
rubrovenia W.J. Hooker var. *meisneri* C.B. Clarke 1879.

haullevilleana De Wildeman, Ann. Mus. Cong., V, 2:320, 1908. —Wilczek, Fl. Congo, Rwanda, Burundi, :9, pl. 1, 1969. —J.J. de Wilde & J.C. Arends, Misc. Pap. Landbouwhogesch. Wageningen, 19:398, 1980. Fig. 27.1, icon. **R**
= **poculifera** J.D. Hooker var. **poculifera**, 1871.

havilandii Ridley, J. Roy. Asiat. Soc., Straits Br., 46:258, 1906. [***Diploclinium I***]. Borneo: Sarawak. Fig. 26.4.

hayatae Gagnepain, Bull. Mus. Hist. Nat. (Paris), 25:282, 1919. —Tang–Shui Liu & Ming–Jou Lai, Fl. Taiwan, 3:796, pl. 821, 1977. Taiwan. Fig. S195, icon (27;12-1a). **R**
brachyptera Hayata 1910, nomen nudum.
aptera Hayata, 1911, nec Blume, 1827, nec Roxburgh, 1832, nec Decaisne, 1834.
aptera auct. non Blume: L.B. Smith & D.C. Wasshausen, 1984.

heddei Warburg, Gartenfl., 49:1, pl. 1470, 1900. —Engler, Veg. Erde, 9(3.2):614, 1921, pro syn. **oxyloba** Welwitsch ex J.D. Hooker, 1871. **R**

hederacea A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:120, 1859. —L.B. Smith & B.G. Schubert, Caldasia, 4:96, 1946.
= **maurandiae** A. de Candolle, 1859.

hederifolia Linden ex A. de Candolle, Prodr., 15(1):401, 1864, nomen nudum. "*hederaefolia*." Mexico.

heineri Brade, Arq. Jard. Bot. Rio de Janerio, 12:11, pls. 4, 5:figs, 15–21, 1952. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):102, 1971.
= **subvillosa** Klotzsch var. **subvillosa**, 1855.

hekouensis S.H. Huang, Acta Bot. Yunnanica,

21(1):21, 1999. [*Platycentrum*]. China: Yunnan. [Fig. S140, (15;9-1a)] **N**
gesnerioides S.H. Huang & Y.M. Shui, 1994, Fig. S140, icon (15;9-1a), non L.B. Smith & B.G. Schubert, 1941.

heloisana Brade, Rodriguesia, 18:32, pl. 5, 1945. [*Donaldia*]. Brazil. Fig. 17.20, icon.

heliostrophe Kiew, Gardens' Bull. Singapore 53:262, pl. 4, 2001. [*Petermannia*]. Borneo: Sabah. Editus sero pro clave. **N**

hemicardia Elmer ex Merrill, Enum. Philipp. Fl. Pl., 3:120, 1923, in obs, nomen nudum.
= **binuangensis** Merrill, 1918.

hemsleyana J.D. Hooker var. **hemsleyana,** Bot. Mag., 125:pl. 7685, 1899. [*Platycentrum*]. China. Fig. 4.1, icon.

hemsleyana J.D. Hooker var. **kwangsiensis** Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:538, 1939. China.

henriquesii C. de Candolle, Bol. Soc. Brot., 10:123, 1892. —Ferreira, Garcia de Orta, 13:540, 1965 [= *loranthoides* J.D. Hooker, 1871]. —J.J. de Wilde & J.C. Arends, Acta Bot. Neerl, 28:359, 1979. —J..J. de Wilde, Wageningen Univ. Papers, 2001-2:157, 2002. **R**
= **loranthoides** J.D. Hooker subsp. **loranthoides,** 1871.

henryi Hemsley, J. Linn. Soc., Bot., 23:322, 1887. [*Reichenheimia III*]. China. Fig. 8.22.
mairei Léveillé, 1912.
delavayi Gagnepain, 1919.

henryi x sinensis? Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 6:356, 1927, non visus. ; Mitt. Inst. Allg. Bot.Hamburg, 10:503, 1939.
= **labordei** Léveillé, 1904.

hepatica-maculata hort. ex R. Ziesenhenne, Cat., 1952. —Weber & Dress, Baileya, 16:67, 1968.
= **squarrosa** Liebmann, 1853.

heracleifolia Schlechtendal & Chamisso var. **heracleifolia,** Linnaea, 5:603, 1830. [*Gireoudia*]. Mexico, Guatemala, Honduras, El Salvador. (Fig. 5.10) .Fig. 5.11. **R**
radiata Graham, 1833.
tanacetifolia hort. ex Graham, 1833.
nigrescens Van Houtte ex Otto, 1852.
Gireoudia heracleifolia (Schlechtendal & Chamisso) Klotzsch, 1854.
jatrophifolia hort. ex Klotzsch, 1855.
Gireoudia heracleifolia (Schlechtendal & Chamisso) Klotzsch var. *viridis* Klotzsch, 1855.
trigonoptera Sprague, 1921. Fig. 5.10.

heracleifolia Schlechtendal & Chamisso var. **punctata** F. Cels, Ann. Fl. Pomone, :104, 1842. —A. de Candolle, Prodr., 15(1):335, 1864. Mexico.
punctata Klotzsch in Link, Klotzsch, & Otto, 1840.
Gireoudia punctata Klotzsch, 1854.
nigricans hort. Berol. ex Klotzsch, 1855.
Gireoudia heracleifolia (Schlechtendal & Chamisso) Klotzsch var. *punctata* Klotzsch, 1855.

heracleifolia Schlechtendal & Chamisso var. **nigricans** J.D. Hooker, Bot. Mag., 83:pl. 4983, 1857. Mexico, Guatemala, Honduras, El Salvador.

heracleifolia Schlechtendal & Chamisso var. **longipila** A. de Candolle, Prod., 15(1):335, 1864. Mexico, Guatemala, Honduras, El Salvador.
longipila Lemaire, 1860.

heracleifolia Schlechtendal & Chamisso var. **sunderbruckii** hort. ex C. Chevalier, Begonias, :286, 1938.

heracleifolia Schlechtendal & Chamisso var. **paramadilio** hort. Begonian, 13:241, 1946.

herbacea Vellozo var. **herbacea,** Fl. Flum., icon., 10:pl. 53, "1827," 1831; descr., Arch. Mus. Nat. Rio de Janeiro, 5:407, 1881. —A. de Candolle in Martius, Fl. Bras., 4(1):382, 1861. —J.D. Hooker Bot. Mag., 99:pl. 6039, 1873. [*Trachelocarpus*]. Brazil. Fig. 13.6, icon.
herbacea Vellozo var. *typica* Irmscher, 1953.

herbacea var. **ellipticfolia** Irmscher, Bot. Jahrb. Syst., 76:38, 99, 1953. Brazil.

herbacea Vellozo var. *typica* Irmscher, Bot. Jahrb. Syst., 76:38, 1953.
= **herbacea** Vellozo var. **herbacea,** 1831.

heringeri Brade, Arq. Jard. Bot. Rio de Janerio, 13:77, pl.4, 1954. [***Pritzelia***]. Brazil. Fig. 16.17, icon.

hernandiifolia W.J. Hooker, Bot. Mag., 70:pl. 4676, 1852. Fig. 3.30, icon. —Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :194, 1855; Begoniac., :74, 1855, pro syn. *Mitscherlichia coriacea* Klotzsch, 1855. —A. de Candolle, Prodr., 15(1):390, 1864 [= *peltata* Hasskarl, 1843]. —J. Golding, Phytologia, 47:293, 1981.
= **coriacea** Hasskarl, 1844

hernandiifolia auct. non W.J. Hooker: Seemann, Bot. Voy. Herald, :128, 1854; Bot. Voy. Herald, :254, 1857.
= **coriacea** Hasskarl, 1844

hernandiifolia hort. Berol. ex Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin,:125, 1854, "*hernandiaefolia*," non W.J. Hooker, 1852, pro syn. *Gireoudia nelumbiifolia* Klotzsch, 1854. —A. de Candolle, Prodr., 15(1):343, 1864.
= **nelumbiifolia** Schlechtendal & Chamisso, 1830.

hernandioides Merrill, Philipp. J. Sci., 6:392, "1911," 1912. [***Diploclinium I***]. Philippines. Fig. 2.25.

herrerae L.B. Smith & B.G. Schubert, Revista Univ. (Cuzco), 33(87):91, pl. 15, 1945. [***Eupetalum***]. Peru. Fig. 8.39.

herteri Irmscher, Bot. Jahrb. Syst., 76:94, 1953. [?]. Brazil. Fig. 25.12.

herveyana King var. **herveyana,** J. Asiat. Soc. Beng., pt. 2, Nat. Hist., 71:63, 1902. [***Petermannia***]. Malaya. Fig.S17, (8;34-1). **R**

herveyana King var. **barnesii** Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:131, 1929. Malaya.

herveyana King var. *robusta* Ridley, Fl. Malay Penins., 1:861, 1922. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:132, 1929.
= **rheifolia** Irmscher, 1929.

hetacoa H. Hara, J. Jap. Bot., 47:143, 1972, errore typographico pro **hatacoa** F. Hamilton ex D. Don, 1825.

heterochroma M. Sosef, Wageningen Agric. Univ. Papers, 91(4): 102, fig. 6, pl. 3b,c, "1991," 1992; Wageningen Agric. Univ. Papers, 94(1):160, fig. 16.6, pl. 7b,c, 1994.[***Loasibegonia***]. Cameroon, Gabon. Fig. S63, (3;28-1a). **N**

heteroclinis Miquel ex Koorders, Meded. Lands Plantentuin, 19:484, 1898. [***Sphenanthera***]. Indonesia: Sulawasi. Sine figura.

heterodonta Rusby, Descript. New Spec. S. Amer. Pl., :66, 1920. —L.B. Smith & B.G. Schubert, Caldasia, 4:80, 1946.
= **filipes** Bentham, 1844.

heterophylla hort. Schoenbr. ex Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :122, 1854, pro syn. *Knesebeckia martiana* (Link & Otto) Klotzsch, 1854. —A. de Candolle, Prodr., 15(1):310, 1864.
= **gracilis** Kunth in Humboldt, Bonpland & Kunth var. **martiana** A. de Candolle, 1864.

heteropoda Baker, J. Linn. Soc., Bot., 21:347, 1884. —M. Keraudren–Aymonin, Fl. Madagascar, 144:48, pl. 14:figs. 1–3, 1983. [***Quadrilobaria***]. Madagascar. Fig. 7.1.

hexandra Irmscher, Bot. Jahrb. Syst., 74:625, pl. 6, 1949. [***Semibegoniella***]. Colombia. Fig. 6.14.

hexaptera Sands, Check List Flowering Pl of Brunei Darussalam, App. 2: 434, 1997. Brunei. Editus sero pro clave. **N**

heydei C. de Candolle, Bot. Gaz., 20:540, 1895. [***Urniformia***]. Guatemala, Costa Rica, Panama. Fig. 20.50.
pittieri C. de Candolle, 1908.

triloba C. de Candolle, 1908.

hidalgensis L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 40:241, pl. 1b–g, 1950. —R. Ziesenhenne, Begonian, "49," 48:178, 1981 —L.B. Smith & D.C. Wasshausen, Phytologia, 52:443, 1983 [= **pinetorum** A. de Candolle, 1859, sphalmate]. —K. Burt-Utley, Brittonia, 36:233, 1984. —J. Golding, Begonian, 57:62, 1990. **R**
= **glandulosa** W.J. Hooker, 1861.

hieronymi Lindau, Bot. Jahrb. Syst., 19(Beibl. 18):14, 1894. —L.B. Smith & B.G. Schubert, Darwiniana, 5:96, 1941.
= **micranthera** Grisebach var. **hieronymi** (Lindau) L.B. Smith & B.G. Schubert, 1941.

hieronymi Lindau var. *rhacophylla* Irmscher, Bot. Jahrb. Syst., 74:619, 1949. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,467, 1984.
= **micranthera** Grisebach var. **rhacophylla** (Irmscher) L.B. Smith & D.C. Wasshausen, 1984.

hilariana A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:125, 1859. [***Pritzelia***]. Brazil. Fig. 24.17.
raulinii Brade, 1948.

hintoniana L.B. Smith & B.G. Schubert, Contr. Gray Herb., 127:29, 1939. [***Knesebeckia***]. Mexico. Fig. 28.27.

hirsuta Aublet, Hist. Pl. Guiane, 2:913, pl. 348, 1775. [***Doratometra***]. French Guiana. Fig. 20.10, icon.
Begonia hirsuta, flore albo, folio aurito, fructu cornato, Barrere, 1741.
obliqua Linnaeus var. *zeta* Linnaeus, 1753.
humilis auct. non Dryander: Bonpland, 1817.

hirsuta herb. Ruiz ex Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :127, 1854, pro syn. *Pilderia hirsuta* Klotzsch, 1854. —A. de Candolle, Prodr., 15(1):381, 1864 [= *pavoniana* A. de Candolle, 1859]. —O.E. Schulz in Urban, Symb. Antil., 7:27, 1911.
= **humilis** Dryander var. **humilis,** 1789.

hirsuta hort. Kew, 1857 ex A. de Candolle in Martius, Fl. Bras., 4(1):343, 1861, pro syn. **humilis** Dryander var. humilis, 1789.

hirsuta Pavon ex A. de Candolle, Prodr., 15(1):381, 1864, pro syn. *pavoniana* A. de Candolle, 1859. —O.E. Schulz in Urban, Symb. Antil., 7:27, 1911.
= **humilis** Dryander var. **humilis,** 1789.

hirsuta Brace ex Ridley, J. Roy. Asiat. Soc., Straits Br., 46:254, 1906, pro syn. **pubescens** Ridley, 1906.

hirsuticaulis Irmscher, Bot. Jahrb. Syst., 50:346, 1913; Bot. Jahrb. Syst., 50:565, pl. 2:figs. 5a–c, 1914. [***Petermannia***]. New Guinea. Fig. 18.16, icon.

hirsutula J.D. Hooker in Oliver, Fl. Trop. Afr., 2:575, 1871. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):242, fig. 17.9, pl. 2a, 1994. [***Scutobegonia***]. Gabon. Fig. 2.12, 2.20, (22.8). **R**
subfalcata De Wildeman, 1905.
klainei Pierre ex Pellegrin, 1924.
comperei Wilczek, 1969, Fig. 22.8.
ciliobracteata auct. non Warburg: Mildbraed, 1922.

hirta (Klotzsch) L.B. Smith & B.G. Schubert var. **hirta**, Field Mus. Nat. Hist., Bot. Ser., 13:192, 1941. [***Casparya***]. Peru. (Fig. 29.15) . **R**
coccinea Ruiz & Pavon ex Klotzsch, 1855.
Casparya hirta Klotzsch, 1855.
Casparya cordifolia A. de Candolle var. *hirta* A. de Candolle, 1864.

hirta L.B. Smith & B.G. Schubert var. **cordifolia** (A. de Candolle) L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:192, 1941. Peru. Fig. 29.15.
columnaris herb. Ruiz ex Klotzsch, 1854.
Casparya columnaris Klotzsch, 1855.
Casparya cordifolia A. de Candolle, 1864.
cordifolia (A. de Candolle) Warburg 1894, non Thwaites, 1859.

hirta Wallich ex W.J. Hooker, Exotic. Fl., 2:89, 1825, pro syn. **picta** J.E. Smith, 1805.

hirtella Link var. **hirtella,** Enum. Hort. Berol.,

2:396, 1822. —L.B. Smith & B.G. Schubert, Caldasia, 4:82, pl. 8, 1946. [***Doratometra***]. West Indies, Brazil, Peru. Fig. 28.26. **R**
ciliata Kunth in Humboldt, Bonpland & Kunth, 1825.
villosa Lindley, 1829.
brasila A. de Candolle, 1836.
brasiliana Schrank ex Steudel, 1840. nomen nudum.
albido–setulosa Hasskarl, 1858.
dasypoda Meisner ex A. de Candolle, 1861.
humilis auct. non Dryander: Duss, 1897.

hirtella Link var. **nana** A. de Candolle in Martius, Fl. Bras., 4(1):345, 1861. Brazil.
diversifolia Graham var. *nana* Walpers, 1843.
ciliata Kunth in Humboldt, Bonpland & Kunth, var. *nana* Klotzsch ex A. de Candolle, 1861.
villosa Lindley var. *nana* Klotzsch ex A. de Candolle, 1861.

hispida Schott var. **hispida,** in Sprengel, Syst. Veg., 4(app) :407, 1827. [***Pritzelia***]. Brazil. Fig. 29.11, icon.
Wageneria tomentosa (Schott) Klotzsch, 1854.
Wageneria hispida Klotzsch ex A. de Candolle, 1861.
hammoniae Irmscher, 1953.
reitzii Brade, 1958.

hispida Schott var. **cucullifera** Irmscher, Bot. Jahrb. Syst., 76:51, 1953. Brazil.

hispidissima Zippal ex Koorders, Meded. Lands Plantentuin, 19:485, 1898. —A. Koorders-Schumacher, Suppl. Fl. Celebes,3:46, pl. 95, 1922. — emend. L.B. Smith & D.C. Wasshausen, Phytologia, 52:444, pl. 4, 1983. [***Petermannia***]. Indonesia: Sulawasi. Fig. 14.53, (15; 4-2b). **R**

hispidivillosa R. Ziesenhenne f. **hispidivillosa,** Begonian, 17:12, pl, 1950. "*hispidavillosa.*" [***Gireoudia***]. Mexico. Fig. 22.25.

hispidivillosa R. Ziesenhenne f. **nigramarga** R. Ziesenhenne Begonian, 49:63, 1982. **R**

hitchcockii Irmscher, Bot. Jahrb. Syst., 74:620, 1949. [***Gobenia***]. Ecuador. Fig. 3.17.

hochbaumii hort. ex E. Otto, Hamburger Garten–Blumenzeitung, 19:196, 1863. [?]. Indonesia: Java. Descriptione inchoata.

hoegeana Regel & Schmidt, Gartenfl., 35:398, 1886. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:467, 1984.
= **glabra** Aublet var. **glabra,** 1775.

hoehneana Irmscher, Bot. Jahrb. Syst., 76:69, pl. 2:figs. 3–5, 1953. [?]. Brazil. Fig. 9.2, icon.

holmnielseniana L.B. Smith & D.C. Wasshausen in Harling & Andersson, Fl. Ecuador, 25:62, pl. 16, 1986. [***Semibegoniella***]. Ecuador. Fig. S151, (17;32-2b). **N**

holosericea Teijsmann & Binnendijk, Epim. Lugd. Bat., :5, 1863, non visus. [***Petermannia ?***]. Indonesia: Mollucas. Fig. 22.1.
Diploclinium holosericeum Teijsmann & Binnendijk, 1863.

holostyla F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. , :55, 1974, sphalmate pro **grandis** subsp. holostyla Irmscher, 1939.

holtonis A. de Candolle var. **holtonis,** Ann. Sci. Nat. Bot., IV, 11:141, 1859. —L.B. Smith & B.G. Schubert, Caldasia, 4:186, pl. 15, 1946. —L.B. Smith & D.C. Wasshausen, Phytologia, 44:239, 1979. [***Ruizopavonia***]. Colombia. Fig. 14.47.
umbrata hort. ex A. de Candolle, 1864.
foliosa Kunth in Humboldt, Bonpland & Kunth var. *amplifolia* L.B. Smith & B.G. Schubert, 1946.
schimpffii Irmscher, 1949.

holtonis A. de Candolle var. **macrophylla** L.B. Smith & B.G. Schubert, Caldasia, 4:187, 1946. Colombia.

holttumii Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:113, 1929. [***Petermannia***]. Malaya. Fig. 28.35.
isoptera auct. non Dryander: Ridley, 1922, pro parte.

homblei De Wildeman, Bull. Jard. Bot. Etat., 5:51,

1915. —Irmscher, Bot. Jahrb. Syst., 81:120, 1961 [= *princeae* Gilg var. *princeae* f. *vulgata* Irmscher, 1961]. —Wilczek, Fl. Congo, Rwanda, Burundi, :44, 1969.
= **princeae** Gilg, 1901.

homonyma Steudel, Nom. Bot., ed. 2, 1:194, 1840. —A. de Candolle, Prodr., 15(1):384, 1864 [= *dregei* Otto & Dietrich var. *sinuata* A. de Candolle, 1861]. —Irmscher, Bot. Jahrb. Syst., 81:136, 1961 [= *caffra* Meisner, 1841]. —Burtt, Notes Roy. Gard. Edinburgh, 32:274, 1973, nomen legitimum. —Hilliard in Ross, Fl. South Afr., 22:141, pl. 46:fig. 1, 1976. [***Augustia***]. South Africa. Fig. 33.3.(33.3).
sinuata E. Meyer ex Otto & Dietrich, 1836, non Wallich ex Meisner, 1836.
sinuata Graham, 1839, non Wallich ex Meisner, 1836.
caffra Meisner, 1841.
uncinata hort. ex Klotzsch, 1854.
Augustia caffra (Meisner) Klotzsch, 1854.
caffra Drege ex A. de Candolle, 1864.
dregei Otto & Dietrich var. *caffra* A. de Candolle, 1864.
dregei Otto & Dietrich var. *sinuata* A. de Candolle, 1864.
favargeri Rechinger, 1905.
caffra Meisner var. *favargeri* (Rechinger) Irmscher, 1961.
rudatisii Irmscher, 1961.

hondurensis Burt-Utley & Utley, Novon 9:483, pl. 1, 1999. [***Weilbachia***]. Honduras. Fig. S194, icon (26;73-2a). **N**

hookeriana Gardner, Lond. J. Bot., 4:135, 1845. —Saunders, Refug. Bot., 5:pl. 341, 1880. [***Pritzelia***]. Brazil. Fig. 19.10, icon. **R**
Riessia ferruginea Klotzsch, 1855.
Steineria ferruginea Klotzsch, 1855.

hookeriana Gilg ex Engler, Veg. Erde, 9(3.2):617, 1921, non Gardner, 1845, —L.B. Smith, D.C. Wasshausen, J. Golding, & C. Karegeannes, Smithsonian Contr. Bot., 60:180, 1986, "*hookerana*," [= **scutulum** J.D. Hooker, 1871, sphalmate]. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):222, 1994. **R**
= **ciliobracteata** Warburg, 1895.

hookeri Sweet, Hort. Brit., ed. 2, :437, 1830. —A. de Candolle in Martius, Fl. Bras., 4(1):342, 1861 [= *semperflorens* Link & Otto var. *hookeri* A. de Candolle, 1861]. —J. Golding, Phytologia, 50:347, 1982.
= **cucullata** Willdenow var. **cucullata,** 1805.

horsfieldii Miquel ex A. de Candolle, Prodr., 15(1):397, 1864. [***Petermannia***]. Indonesia: Sumatra. Fig. 8.10.
horsfieldii Miquel, 1856.
Diploclinium horsfieldii Miquel, 1856.

horsfieldii Miquel, Fl. Ned. Ind., 1,1:691, 1856, pro syn. *Diploclinium horsfieldii* Miquel, 1856.
= **horsfieldii** Miquel ex A. de Candolle, 1864.

horticola Irmscher, Bot. Jahrb. Syst., 57:242, 1921. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:113, pl.10, 2002. [***Tetraphila***]. Congo: Brazzaville, Congo: Kinshasa, Uganda. Fig. 11.1.
parva Sprague, Sept. 1912, non Merrill, Jan. 1912.
spraguei C. Weber, Baileya, 16:126, 1968.

houttuynioides Te-Tsun Yü in Wen-Pei Fang, Icon. Pl. Omeiensium, 2:pl. 152, 1946. [***Platycentrum***]. China. Fig. 9.16, icon. **R**

howii Merrill & Woon-Young Chun, Sunyatsenia, 5:138, pl. 20, 1940. [***Diploclinium H ?***]. China. Fig. 12.9. **R**

huberi C. de Candolle in Huber, Bull. Herb. Boissier, II, 1:315, 1901. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:444, 1983.
= **reniformis** Dryander, 1791.

huberti R. Ziesenhenne, Begonian, "48," 47;308, pl, 1980. [***Gireoudia***]. Mexico. Fig. 28.57. **R**

hugelii (Klotzsch)A. de Candolle in Martius, Fl. Bras., 4(1):366, 1861. [***Pritzelia***]. Brazil. Fig. 29.6. **R**
Wageneria hugelii, Klotzsch 1855.

hullettii Ridley, J. Roy. Asiat. Soc., Straits Br., 46:255, 1906. "*hulletti.*" [***Petermannia***]. Borneo: Sarawak. Fig. 14.30.

humbertii M. Keraudren, Fl. Madagascar, 144:100, pl. 32, 1983. —Klazenga, J.J. de Wilde & Quené, Bull. Jard. Bot. Belg., 63:276, fig. 3, 1994. [*Mezierea*]. Madagascar. Fig. S206, (30;30-1a). **R**

humboldtiana L.S. Gibbs, Fl. Arfak. Mts., :215, 1917. [*Petermannia*]. New Guinea. Fig. 21.16.

humilicaulis Irmscher, Bot. Jahrb. Syst., 50:356, 1913. [*Petermannia*]. Indonesia: Sulawasi. Fig. 6.11.

humilis Dryander var. **humilis,** in Aiton, Hort. Kew, 3:353, 1789; Trans. Linn. Soc., 1:166, pl. 15, 1791. [*Doratometra*]. West Indies to Peru and Brazil. Fig. 27.36, icon.
lucida Haworth, 1821.
meyeniana Walpers, 1843.
hirsuta herb. Ruiz ex Klotzsch, 1854.
Pilderia hirsuta Klotzsch, 1854, nomen nudum.
pavoniana A. de Candolle, 1859.
subhumilis A. de Candolle, 1859.
hirsuta hort. Kew, 1857 ex A. de Candolle, 1861.
hirsuta Pavon ex A. de Candolle, 1864,
guyanensis A. de Candolle var. *cearensis* C. de Candolle 1901.
lokobeënsis Humbert ex Keraudren-Aymonin & Bosser, 1972.

humilis Dryander var. **porteriana** (Fischer, Meyer & Ave–Lallemant) A. de Candolle in Martius, Fl. Bras., 4(1):344, 1861. Brazil.
porteriana Fischer, Meyer & Ave–Lallemant, 1842.
haematotricha hort. Boissier ex A. de Candolle, 1861.
Pilderia erythrotricha Klotzsch in herb. Berol. ex A. de Candolle, 1861.

humilis Dryander var. *glabrata* Seemann, Bot. Voy. Herald, :128, 1854. —A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:142, 1859 [= *flexuosa* A. de Candolle, 1859]. —Standley, Field Mus. Nat. Hist., Bot. Ser., 18:745, 1937.
= **semiovata** Liebmann, 1853.

humilis auct. non Dryander: Ker–Gawler, Bot. Reg., 4:pl. 284, 1818. —Haworth, Succ. Pl. Suppl., :100, 1819 [= *suaveolens* Loddiges, 1817]. —O.E. Schulz in Urban, Symb. Antil., 7:19, 1911. **R**
= **odorata** Willdenow, 1813.

humilis auct. non Dryander: Bonpland, Descr. Pl. Malmasion, :11, pl. 62, 1817. —Sprengel, Syst. Veg., 2:626, 1825.
= **hirsuta** Aublet, 1775.

humilis auct. non Dryander: Duss, Fl. Phan. Antil. France, 2:321, 1897. —O.E. Schulz in Urban, Symb. Antil., 7:28, 1911.
= **hirtella** Link var. **hirtella,** 1822.

humillima L.B. Smith & D.C. Wasshausen, Phytologia, 53:297, pl. 1, 1983. [?]. Venezuela. Fig. 26.29.

hydrocotylifolia Otto ex W.J. Hooker var. **hydrocotylifolia,** Bot. Mag., 69:pl. 3968, 1842. [*Gireoudia*]. Mexico. Fig. 7.3, icon. **R**
hydrocotylifolia Graham ex Klotzsch, 1854.
Gireoudia hydrocotylifolia (Otto ex W.J. Hooker) Klotzsch, 1854.

hydrocotylifolia Otto ex W.J. Hooker var. **asarifolia** (Liebmann) A. de Candolle, Prodr., 15(1):344, 1864. Mexico.
asarifolia Liebmann, 1853.
Gireoudia asarifolia (Liebmann) Klotzsch, 1854.

hydrocotylifolia Graham ex Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :125, 1854, pro syn. Gireoudia hydrocotylifolia (Otto ex W.J. Hooker) Klotzsch, 1854. N
= **hydrocotylifolia** Otto ex W.J. Hooker var. **hydrocotylifolia,** 1842.

hydrophila Miquel, Ann. Bot. Ind., 3:18, 1852. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:655, 1879.
= **malabarica** Lamarck var. **hydrophila** C.B. Clarke 1879.

hydrophylloides L.B. Smith & B.G. Schubert, Caldasia, 4:7, pl. 1, 1946. [*Knesebeckia*]. Colombia. Fig. 4.44, icon.

hygrophila C. de Candolle, Bull. Soc. Roy. Bot. Belgique, 35:265, 1896. —L.B. Smith & B.G.

Schubert, Caldasia, 4:80, 1946.
= **filipes** Bentham, 1844.

hygrophila C. de Candolle var. *puberula* C. de Candolle, Bull. Soc. Roy. Bot. Belgique, 35:266, 1896. —L.B. Smith & B.G. Schubert, Caldasia, 4:80, 1946.
= **filipes** Bentham, 1844.

hymenocarpa C.Y. Wu, Acta Phytotax, Sin., 33(3):256, pl. 5, 1995. [***Diploclinium II***]. China: Guangxi. Fig. S172, icon (24;11-2a). **N**

hymenophylla Gagnepain, Bull. Mus. Hist. Nat. (Paris), 25:200, 1919. [***Reichenheimia III***]. Laos. Fig. 4.26.

hymenophylloides F.K. Ward, Gard. Chron., III, 104:474, 1938, in obs. —F.K. Ward ex L.B. Smith & D.C. Wasshausen, Phytologia, 54:467, 1984, nomen legitimum; Phytologia, 55:112, 1984. [***Diploclinium III ?***]. Tibet, Burma. Fig.S9, (6; 16-1).

hypogaea Winkler, Bot. Jahrb. Syst., 38:261, 1906. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):254, 1994. **R**
= **laporteifolia** Warburg, 1895.

hypolipara Sandwith, Bull. Misc. Inform., :99, 1931. Fig. 7.8. —K. Burt–Utley, Phytologia, 54:488, 1984. **R**
= **sericoneura** Liebmann, 1853.

ignea Warscewicz ex A. de Candolle var. **ignea,** Prodr., 15(1):306, 1864. [***Knesebeckia***]. Guatemala. Fig. 4.10.
Knesebeckia ignea Klotzsch, 1855.

ignea Warscewicz ex A. de Candolle var. **tuberosa** C. de Candolle, Bull. Soc. Roy. Bot. Belgique, 35:267, 1896. Costa Rica.

ignorata Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:97, 1929. [***Reichenheimia I***]. Malaya. Fig. 2.47.
haskarlii Zollinger & Moritzi var. *hirsuta* Ridley, 1922.

imbricata Sands, Kew Magazine, 7:64, pl. 146, 1990. [***Petermannia***]. Borneo: Sabah. Fig. S119, icon (11;27-1a). **N**

imitans Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:511, 1939. [***Diploclinium II***]. China. Fig. S8, (4;46-2). **R**

imperfecta Irmscher, Bot. Jahrb. Syst., 50:367, 1913. [***Petermannia***]. Indonesia: Sulawasi. Fig. 30.29.

imperialis Lemaire var. **imperialis,** Ill. Hort., 7, Misc. :53, 1860; Ill. Hort., 8:pl. 274, 1861. [***Weilbachia***]. Mexico. Fig. 8.35, icon.
imperialis Lemaire var. *brunnea* Lemaire, 1861.

imperialis Lemaire var. **smaragdina** Lemaire, Ill. Hort., 7, : pl. 262, 1860. Mexico.

imperialis Lemaire var. *brunnea* Lemaire, Ill. Hort., 8:sub. pl. 274, 1861.
= **imperialis** Lemaire var. **imperialis,** 1860.

inanis Irmscher, Bot. Jahrb. Syst., 74:616, 1949. —L.B. Smith, Phytologia, 27:212, 1973 [pro parte = *rosacea* auct. non Putzeys: L.B. Smith, 1973]. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:444, 1983 [= *quetamensis* L.B. Smith & B.G. Schubert, 1946]; Phytologia, 54:468, 1984.
= **novogranatae** A. de Candolle, 1864.

incana Lindley, Edwards's Bot. Reg., 27, Misc., :39, May 1841. —J. Golding, Phytologia, 47:291, 1981.
= **peltata** Otto & Dietrich var. **peltata,** Feb. 1841.

incana Lindley var. *auriformis* A. de Candolle, Prodr., 15(1):327, 1864. —J. Golding, Phytologia, 47:292, 1981.
= **peltata** Otto & Dietrich var. **auriformis** (A. de Candolle) J. Golding, 1981.

incarnata Link & Otto var. **incarnata,** Icon. Pl. Rar., (4):37, pl. 19, 1829. [***Knesebeckia***]. Mexico. Fig. 30.19, (30.19).
insignis Graham, date unknown.
ciliata hort. ex Steudel, 1840, non Humboldt, Bonpland & Kunth, 1825.
aucibifolia hort. ex Klotzsch, 1854.
Knesebeckia incarnata (Link & Otto)

Klotzsch, 1854.
Knesebeckia aucubifolia hort. Berol. ex Klotzsch, 1864.
subpetala hort. ex Regel, 1866, non Wight, 1852.
martiana auct. non Link & Otto: Schlechtendal, 1830.

incarnata Link & Otto var. **papillosa** A. de Candolle, Prodr., 15(1):309, 1864. Mexico.
papillosa Graham, 1828.
Knesebeckia papillosa (Graham) Klotzsch, 1854.

incarnata auct. non Link & Otto: Seemann, Bot. Voy. Herald, :128, 1854. —A. de Candolle, Prodr., 15(1):332, 1864.
= **seemanniana** A. de Candolle var. **seemanniana,** 1859.

incerta Craib, Bull. Misc. Inform., :57, 1911. [***Diploclinium III***]. Siam. Fig. 7.23.

incisa A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:129, 1859. [***Petermannia***]. Philippines. Fig. 6.13.

incisoserrata A. de Candolle in Martius, Fl. Bras., 4(1):374, 1861. [***Scheidweileria***]. Brazil. Fig. 4.5.
Scheidweileria incisoserrata Klotzsch, 1855.
Wageneria incisoserrata Klotzsch ex A. de Candolle 1861.

incondita Craib, Bull. Misc. Inform., :412, 1930. [***Diploclinium I***]. Siam. Fig. 34.8.

inconspicua Brade, Rodriguesia, 18:31, pl. 4, 1945. [***Wageneria***]. Brazil. Fig. 17.15, icon.

inculta Irmscher var. **inculta,** Bot. Jahrb. Syst., 76:48, 1953. [***Pritzelia***]. Brazil. Fig. 16.9.

inculta Irmscher var. **vestita** Handro, Loefgrenia, 27:3, 1968.

inermis Irmscher, Bot. Jahrb. Syst., 76:39, 1953. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:444, 1983. Fig.31.17.
= **reniformis** Dryander, 1791.

inflata C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:636, 1879. India. [***Sphenanthera***]. Fig. 30.12.

injoloensis De Wildeman, Ann. Mus. Cong., V, 2:317, pl. 78, 1908; Ann. Mus. Cong., V, 3:451, 1912 [= rhopalocarpa Warburg, 1895]. —J.J. de Wilde & J.C. Arends, Acta Bot. Neerl., 28:367, 1979. —J..J. de Wilde, Wageningen Univ. Papers, 2001-2:160, 2002. **R**
= **loranthoides** J.D. Hooker subsp. **rhopalocarpa** (Warburg) J.J. de Wilde, 1979.

inostegia Stapf, Trans. Linn. Soc. London, Bot., II, 4:166, 1894; Icon. Pl, 24:pl. 2309, 1895. [***Petermannia***]. Borneo: Sabah. Fig. 12.22, icon.

insignis Graham, Edinburgh New Philos. J., 11:date unknown, non visus ; Bot. Mag., 56:pl. 2900, 1829. —Walpers, Repert. Bot. Syst., 2:213, 1843.
= **incarnata** Link & Otto var. **incarnata,** 1829.

insularis Brade, Arq. Jard. Bot. Rio de Janerio, 15:32, pl. 2, 1957. [***Pritzelia***]. Brazil. Fig. 19.7, icon.

insularum Irmscher, Bot. Jahrb. Syst., 50:353, 1913. [***Petermannia***]. Indonesia: Sangir Island. Fig. 21.25.

integerrima Sprengel var. **integerrima,** Neue Entdeck, 2:174, 1820. Brazil. Fig. 12.26.
populnea A. de Candolle, 1859.

integerrima Sprengel var. **cardioides** Irmscher, Bot. Jahrb. Syst., 76:30, 71, 1953. Brazil.

integrifolia Dalzell in W.J. Hooker, J. Bot. Kew Gard. Misc., 3:230, 1851. [***Platycentrum***]. India. Fig. 28.34.

integrifolia Dalzell var. *guttata* Gagnepain in Lecomte, Fl. Indo–Chine, 2:1114, 1921. —Irmscher, Mitt. Inst. Bot. Hamburg, 8:152, 1929.
= **guttata** Wallich ex A. de Candolle var. **guttata,** 1864.

intercedens Irmscher, Bot. Jahrb. Syst., 76:97,

1953. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,468, 1984.
= **fischeri** Schrank var. **malvacea** (Klotzsch) Irmscher, 1953.

intermixta Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:101, pls. 1–2, 1929. [***Reichenheimia III***]. Siam, Malaya. Fig. 7.19.

inversa Irmscher var. **inversa,** Webbia, 9:505, 1953. [***Diploclinium I***]. Indonesia: Sumatra. Fig. S15, (14;58-2). **R**

inversa Irmscher f. **nana** Irmscher, Webbia, 9:507, 1953. Indonesia: Sumatra.

involucrata Liebmann, Vid. Medd. Naturh. F. Kjöbenhavn 1852, :15, 1853. [***Gireoudia***]. Costa Rica, Panama, Fig. 4.55. **R**
Gireoudia involucrata (Liebmann) Klotzsch, 1854.
Gireoudia laciniata Klotzsch, 1855.
laciniosa A. de Candolle, 1864.

involucrata Liebmann var. *purpurascens* hort. ex Fotsch, Begonien, :41, 1933, pro syn. *metachroa* Fotsch, 1933.

ionophylla Irmscher, Bot. Jahrb. Syst., 50:378, 1913. [***Diploclinium III***]. Indonesia: Sumatra. Fig. 23.9.

iridescens Dunn, Bull. Misc. Inform., :110, 1920. [***Platycentrum***]. India: Himalaya. Fig. 23.12.

irmscheri L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 45:112, 1955. [***Semibegoniella***]. Colombia. Fig. 15.3, icon.
Begoniella augustifolia Oliver 1884.

isabelensis Quisumbing & Merrill, Philipp. J. Sci., 37:173, 1928. [***Diploclinium I***]. Philippines. Fig. 24.40.

isalensis Humbert ex Keraudren-Aymonin & Bosser, Bull. Soc. Bot. France, 118:739, pl. 2:figs. 1–7, "1971," 1973. [***Quadrilobaria***]. Madagascar. Fig. 8.8.

isoptera Dryander ex J.E. Smith, Pl. Icon., :pl. 43, 1790. [***Petermannia***]. Indonesia: Java. Fig. 21.22, icon. **R**
geniculata Jack, 1822.
angustifolia Blume, 1827.
bombycina Blume, 1827.
repanda Blume, 1827.
Petermannia geniculata (Jack) Klotzsch, 1854.
Diploclinium bombycinum (Blume) Klotzsch, 1855.
Diploclinium repandum (Blume) Klotzsch, 1855.
Diploclinium angustifolium (Blume) Miquel, 1856.

isoptera auct. non Dryander: Ridley, Fl. Malay Penins., 1:855, 1922. —Irmscher, Bot. Jahrb. Syst., 8:112, 113, 1929. [= **pseudisoptera** Irmscher, 1929, pro parte]. —Kiew, Malayan Nature J, 47:312, 1994. **R**
= **holttumii** Irmscher, 1929, pro parte.
= **wrayi** Hemsley, 1887

isopterocarpa Irmscher, Bot. Jahrb. Syst., 76:57, 1953. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):94, pl. 23, 1971. [***Pritzelia***]. Brazil. Fig. 29.23.
bauensis Brade, 1958.

isopteroidea King, J. Asiat. Soc. Beng., pt. 2, Nat. Hist., 71:59, 1902. [***Petermannia***]. Malaya. Fig. 27.20.

itaguassuensis Brade, Arq. Jard. Bot. Rio de Janerio, 8:234, pl. 7, 1948. [***Pritzelia***]. Brazil. Fig. 24.37, icon. **R**

itajaiensis Brade, Arq. Jard. Bot. Rio de Janerio, 13:76, pl. 3, 1954. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):83, 1971.
= **echinosepala** Regel var. **echinosepala,** 1871.

itatiaiensis Brade, Rodriguesia, 18:18, pl. 2, 1945. [***Pritzelia***]. Brazil. Fig. 26.11.

itatinensis Irmscher ex Brade, Bot. Mus. Nac. Rio de Janeiro, Bot, 1:15, pl. 7, 1944. [***Pritzelia***]. Brazil. Fig. 15.2, icon.
adiantiformis Toledo, 1946.

itupavensis Brade, Arq. Jard. Bot. Rio de Janerio, 12:7, pls. 1, 5:figs. 1–6, 1952. [***Pritzelia***]. Brazil. Fig. 20.46.

iucunda Irmscher, Bot. Jahrb. Syst., 81:186, 1961. [*?*] Congo. Fig. 21.24.

jagorii Warburg in Perkins, Fragm. Fl. Philipp., :54, 1904. "*jagori.*" [***Petermannia***] Philippines. Fig. 19.8.

jairii Brade, Arq. Jard. Bot. Rio de Janerio, 10:135, pl. 5, 1950. "*jairi.*" [***Donaldia***]. Brazil. Fig. 17.5, icon.

jaliscana K. Burt–Utley, Brittonia, 38:335, pl. 2, 1986. [***Gireoudia***]. Mexico. Fig. S183, icon (25;56-2a). **N**

jamaicensis A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:124, 1859. —O.E. Schulz in Urban, Symb. Antil., 7:17, 1911 [= *purpurea* Swartz, 1788, nomen illegitimum fide L.B. Smith & D.C. Wasshausen, 1983]. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:445, 1983. [***Begonia***]. Jamaica. Fig. 30.32.
purpurea Swartz, 1788.
acutifolia Swartz, 1800, non Jacquin, 1787.
suaveolens F. Hamilton 1825, non Loddiges, 1817.

jamesoniana A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:139, 1859. —L.B. Smith & B.G. Schubert, Lloydia, 13:86, 1950. [= *foliosa* Kunth in Humboldt, Bonpland & Kunth var. *australis* L.B. Smith & B.G. Schubert, 1946.[
— L. Dorr, Harvard Papers in Botany 4(1):259, 1999.
= **Begonia foliosa** Kunth in Humboldt, Bonpland & Kunth var **foliosa**, 1825.

jatrophifolia hort. ex Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :215, 1855; Begoniac., :94, 1855. "*jatrophaefolia,*" pro syn. *Gireoudia heracleifolia* Klotzsch var. *viridis* Klotzsch, 1855. —A. de Candolle, Prodr., 15(1):335, 1864.
= **heracleifolia** Schlechtendal & Chamisso var. **heracleifolia**, 1830.

jenmanii Tutin, J. Bot., 78:252, 1940. "*jenmani.*" [***Pilderia ?***]. Guyana. Fig. 28.40.

jocelinoi Brade, Arq. Jard. Bot. Rio de Janerio, 13:71, pl. 1, 1954. [***Pritzelia***]. Brazil. Fig. 4.20, icon.

johnstonii Oliver ex J.D. Hooker f. **johnstonii,** Bot. Mag., 112:pl. 6899, 1886. —Irmscher, Bot. Jahrb. Syst., 81:150, 1961. [***Rostrobegonia***]. Tanganyika, Kenya. Fig. 34.9. **R**

johnstonii Oliver ex J.D. Hooker f. **pilosa** Irmscher, Bot. Jahrb. Syst., 81:151, 1961. Tanganyika.

johnstonii Standley ex J.R. Johnston, Cat. Pl. Guatemala, :12, 1938, nomen nudum, non Oliver ex J.D. Hooker, 1866. —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:167, 1961.
= **fusca** Liebmann, 1853.

josephii A. de Candolle var. **josephii,** Ann. Sci. Nat. Bot., IV, 11:126, 1859. "*josephi.*" [***Diploclinium II***]. India. Fig. 3.3.
scutata Wallich, 1831, pro parte, nomen nudum, non Wallich ex A. de Candolle, 1864.
picta auct. non J.E. Smith: Wallich, 1831, pro parte.

josephii A. de Candolle var. **macrocarpa** A. de Candolle, Prodr., 15(1):314, 1864. India.

josephii A. de Candolle var. **minima** C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:639, 1879.

juliana Loefgren ex Hoehne, Res. Hist. Secc. Bot. Agron. Inst. Biol. São Paulo, :147, 1937, nomen nudum, non visus. —Loefgren ex Irmscher, Bot. Jahrb. Syst., 76:62, 1953. [***Pritzelia***]. Brazil. Fig. 19.16.

junghuhniana Miquel, Pl. Jungh., 4:418, "1855," 1857. —Backer & Van den Brink, Fl. Java, 1:309, 1964.
= **coriacea** Hasskarl, 1844

junghuhniana Miquel f. *acutifolia* Miquel ex Koorders, Exkurs.–Fl. Java, 2:644. 1912, pro syn. *junghuhniana* Miquel, 1857. —Backer & Van den Brink, Fl. Java, 1:309, 1964.
= **coriacea** Hasskarl, 1844

juninensis Irmscher, Bot. Jahrb. Syst., 74:594, 1949. [***Ruizopavonia***]. Peru. Fig. 20.12.

juntasensis Kuntze, Revis. Gen. Pl., 3(2):106, 1898. [***Hydristyles***]. Bolivia. Fig. S36, (30;107-1). **R**
subrectangular Rusby, 1934.
bracteosa auct. non A. de Candolle: Rusby, 1907.

jureiensis S. Gomes da Silva & Mamede, Novon 10:24, pl. 1 figs J-Q, 2000.[***Gaerdtia***] [Not ***Pereira***, fide J. Doorenbos in litteris 12-4-00 to J. G.] Brazil. Fig. S228, icon (3;61-1b). **N**

jussiaeicarpa Warburg, Bot. Jahrb. Syst., 22:33, 1895. ——J.J. de Wilde, Wageningen Univ. Papers, 2001-2:177, 2002. Cameroon. Fig. 14.48. **R**
= **oxyanthera** Warburg, 1895.

kaietukensis Tutin, J. Bot., 78:250, 1940. —L.B. Smith & D.C. Wasshausen, Phytologia, 52,444, 1983.
= **fischeri** Schrank var. **fischeri**, May 1820.

kalabenonensis Humbert ex Keraudren-Aymonin & Bosser, Bull. Soc. Bot. France, 118:739, pl. 1:figs. 9–13, "1971," 1973. [***Muscibegonia***]. Madagascar. Fig. 7.21.

kalbreyeri (Oliver) L.B. Smith & B.G. Schubert var. **kalbreyeri**, J. Wash. Acad. Sci., 45:113, 1955. [***Semibegoniella***]. Colombia. Fig. 18.25, icon.
Begoniella kalbreyeri Oliver in J.D. Hooker, 1881.

kalbreyeri (Oliver) L.B. Smith & B.G. Schubert var. **glabra** L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 45:113, 1955. Colombia.
Begoniella kalbreyeri Oliver var. *glabra* L.B. Smith & B.G. Schubert, 1950

kaniensis Irmscher, Bot. Jahrb. Syst., 50:373, 1913. [***Diploclinium I***]. New Guinea. Fig. 9.11.

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karwinskyana A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:134, 1859. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:468, 1984 [= **fusca** Liebmann, 1853] sphalmate. —K. Burt-Utley, Brittonia, 42:44, 1990, nomen legitimum. [***Gireoudia***]. Mexico. Fig. S178, (25;53-1a). **R**

kautskyana Handro, Loefgrenia, 74:1, 1981. fide D.C. Wasshausen & S.F. Smith in litteris to J. G. July 11, 2000.
= **santos-limae** Brade, 1943.

keeana Kiew, Gardens' Bull. Singapore 53:265, 2001. [***Petermannia***]. Borneo: Sabah. Editus sero pro clave. **N**

keithii Kiew, Garden Bull. Singapore 50:189, pl 4, 1998. [***Petermannia***]. Fig S241, icon (26;42-2a). **N**

kellermanii C. de Candolle, Smithsonian Misc. Collect., 69(12):1, 1919. —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:177, 1961. —J. Golding, Phytologia, 47:293, 1981. [***Gireoudia***]. Guatemala. Fig. 3.44.

kelliana Irmscher, Notizbl. Bot. Gart. Berlin–Dahlem, 7:102, 1917. [***Petermannia***]. New Guinea. Sine figura; (6;7-1). **R**

keniensis Gilg ex Engler, Veg. Erde, 9(3.2):621, 1921. [***Rostrobegonia***]. Kenya, Uganda. Fig. 31.15.

kennedyi F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2, :63, 1974, sphalmate pro *plebeja* var. *kennedyi*, R. Ziesenhenne, 1959.

kenworthyae R. Ziesenhenne, Begonian, 17:148, pl, 1950. "*kenworthyi*." [***Gireoudia***]. Mexico. Fig. 4.33.

keraudrenae Bosser, Fl. Madagascar, 144:59, pl. 3:figs. 2–3, 1983. [***Erminea***]. Madagascar. Fig. S86, (6;16-2a). **R**
keraudremae Pinner et al, 1987.

keraudremae Pinner et al, Index Kew., Suppl., 18:, 1987, sphalmate pro **keraudrenae**, Bosser, 1983. **N**

kerrii Craib, Bull. Misc. Inform., :57, 1911.

[***Diploclinium III***]. Siam. Fig. 7.20.

kerstingii Irmscher, Bot. Jahrb. Syst., 50:345, 1913. [***Petermannia***]. New Guinea. Fig. 14.46.
spilotophylla auct. non F. von Mueller: Schumann & Lauterbach, 1901.

khasiana C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:656, 1879. [*?*]. India: Himalaya. Sine figura. descriptione inchoata
pedunculosa auct. non Wallich, 1830: Wallich, 1831.

khasiana F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2, :63, 1974, sphalmate pro *laciniata* Roxburgh subsp. *khasiana* Irmscher, 1939.

killipiana L.B. Smith & B.G. Schubert, Caldasia, 4:18, pl. 3, 1946. [***Semibegoniella***]. Colombia. Fig. 18.9.

kimusiana C. Chevalier, Begonias, :352, 1938, nomen nudum.

kinabaluensis Sands, Kew Magazine, 7:72, pl. 148, 1990. [***Petermannia***]. Borneo: Sabah. Fig. S116, icon (11;16-1a). **N**

kingiana Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:106, pl. 3, 1929. [***Ridleyella***]. Malaya. Fig. 2.24.
hasskarlii auct. non Zollinger & Moritzi: King, 1902; Ridley, 1922.

kisuluana Büttner, Verh. Bot. Vereins Prov. Brandenburg, 32:45,
1890, non visus.—Wilczek, Fl. Congo, Rwanda, Burundi, :22, 1969.—J.J. de Wilde, Wageningen Univ. Papers, 2001-2:124, pl.12, 2002. [***Tetraphila***].Congo: Kinshasa, Nigeria to Angola. Fig.S135, (14; 78-2c). **R**
zobiaensis De Wildeman, 1908.

klainei Pierre ex Pellegrin, Mem. Soc. Linn. Normandie, 26:124, 1924. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):242, 1994. **R**
= **hirsutula** J.D. Hooker 1871.

klemmei Merrill, Philipp. J. Sci., 6:402, "1911," 1912. [***Diploclinium I***]. Philippines. Fig. 24.38.

klossii Ridley, J. Linn. Soc., Bot., 41:290, 1913. [***Platycentrum***]. Malaya. Fig. 8.13.

knoopii R. Ziesenhenne, Begonian, 49:52, pl, 1982. [***Gireoudia***]. Mexico. Fig. S200, (28;24-1a). **R**

komoensis Irmscher, Bot. Jahrb. Syst., 57:242, 1921.—J.J. de Wilde, Wageningen Univ. Papers, 2001-2:131, pl.13, 2002. [***Tetraphila***]. Gabon, Equatorial Guinea.. Fig. 19.18. **R**

konder–reisiana L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):35, pl. 10, 1971. [***Begonia ?***]. Brazil. Fig. 17.25.

koordersii Warburg ex Koorders, Natuurw. Tijdschr. Ned. Indie, 63:91, 1904, nomen nudum.—A. Koorders Schumacher, Suppl. Fl. Celebes,3: 47, pl. 96, 1922. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:444, pl. 5, 1983. [***Petermannia***]. Indonesia: Sulawasi. Fig. 28.16, (28;27-1a). **R**

kortsiae R. Ziesenhenne, Begonian, 38:29, pl, 1971. "*kortsae*." [***Gireoudia***]. Mexico. Fig. 4.12.

kotoensis Hayata, J. Coll. Sci. Imp. Univ. Tokyo, 30:124, 1911. —Tang–Shui Liu & Ming–Jou Lai, Fl. Taiwan, 3:793, 1977.
= **fenicis** Merrill, 1908.

kouytcheouensis Guillaumin, Bull. Mus. Hist. Nat. (Paris), 31:477, 1925. [***Platycentrum***]. China. Fig. 32.12.

kraussiantha Irmscher, Bot. Jahrb. Syst., 78:183, pl. 8: fig. 2, 1959. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:468, 1984.
= **pringlei** S. Watson, 1891.

kribensis Engler, Veg. Erde, 9(3.2):619, 1921, nomen nudum. Cameroon.

kuhlmannii Brade, Rodriguesia, 18:20, pl. 5, 1945. [***Knesebeckia***]. Brazil. Fig. 32.18.

kummerae Gilg, Bot. Jahrb. Syst., 34:87, 1904. "*kummeriae* ." —Engler, Veg. Erde, 9(3.2):614, 1921.
= **oxyloba** Welwitsch ex J.D. Hooker 1871.

kunstleriana King, J. Asiat. Soc. Beng., pt. 2, Nat. Hist., 71:63, 1902. —Ridley, Fl. Malay Penins., 1:860, 1922. **R**
= **scortechinii** King var. **kunstleriana** Ridley, 1922.

kunthiana Walpers, Ann. Bot. Syst., 2:650, 1852. —W.J. Hooker, Bot. Mag., 87:pl. 5284, 1861. [***Gaerdtia***]. Venezuela. Fig. 16.37, icon.
lucida Kunth & Bouché, 1849, nec Haworth, 1821, nec Otto & Dietrich, 1848.
Gaerdtia kunthiana (Walpers) Klotzsch, 1854.

labordei Léveillé, Bull. Soc. Agric. Sarthe, 39:323, 1904. [***Diploclinium III***]. China. Fig. 24.6.
harrowiana Diels, 1912.
polyantha Léveillé, 1916.
henryi X sinensis? Irmscher, 1927.

laccophora Sands, Check List Flowering Pl of Brunei Darussalam, App. 2: 434, 1997. Brunei. Editus sero pro clave. **N**

lacera Merrill, Philipp. J. Sci., 10:49, 1915. [***Petermannia***]. Philippines. Fig. 6.16.

lacerata Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:535, 1939. [***Platycentrum***]. China. Fig. 5.25.

lachaoensis R. Ziesenhenne, Begonian, 52:87, pl, 1985. [***Knesebeckia***]. Mexico. **N**

laciniata Roxburgh ex Wallich, Num. List, 129, :no. 3678A, 1831, nomen nudum. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:645, 1879 [= *laciniata* Roxburgh, 1832]. —H. Hara, Fl. E. Himalaya, 1:215, 1966.
= **palmata** D. Don var. **palmata,** 1825.

laciniata Roxburgh ex Wallich, Num. List, 129, :No. 3678B, 1831, nomen nudum. —A. de Candolle, Prodr., 15(1):348, 1864 [= *laciniata* Roxburgh var. *nepalensis* A. de Candolle, 1864]. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:526, 1939 [= *laciniata* Roxburgh subsp. *nepalensis* Irmscher, 1939]. —H. Hara, Fl. E. Himalaya, 1:215, 1966.
= **palmata** D. Don var. **palmata,** 1825.

laciniata Roxburgh, Fl. Ind., 3:649, 1832. —W.J. Hooker, Bot. Mag., 83:pl. 5021, 1857. —A. de Candolle, Prodr., 15(1):347, 1864. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:645, 1879. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:525, 1939. —H. Hara, Fl. E. Himalaya, 1: 215, 1966.
= **palmata** D. Don var. **palmata,** 1825.

laciniata Roxburgh var. *bowringiana* A. de Candolle, Prodr., 15(1):348, 1864. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:533, 1939 [= *laciniata* Roxburgh subsp. *bowringiana* Irmscher, 1939]. —J. Golding, Phytologia, 54,494, 1984.
= **palmata** D. Don var. **bowringiana** (Champion ex Bentham) J. Golding & C. Karegeannes,

laciniata Roxburgh var. *nepalensis* A. de Candolle, Prodr., 15(1):348, 1864. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:526, 1939 [= *laciniata* Roxburgh subsp. *nepalensis* Irmscher, 1939]. —H. Hara, Fl. E. Himalaya, 1:215, 1966. —J. Golding, Phytologia, 40:12, 1978, observatio in errore.
= **palmata** D. Don var. **palmata,** 1825.

laciniata Roxburgh var. *flava* C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:645, 1879. —Irmscher Mitt. Inst. Allg. Bot. Hamburg, 10:529, pls. 4, 5, 1939 [= *laciniata* Roxburgh subsp. *flava* Irmscher, 1939, pro parte]. —H. Hara, J. Jap. Bot., 45:91, 1970. —J. Golding & C. Karegeannes, Phytologia, 54,495, 1984.
= **flaviflora** H. Hara var. **flaviflora,** 1970, pro parte.
= **flaviflora** H. Hara var. **gamblei** (Irmscher) J. Golding & C. Karegeannes, 1984, pro parte.

laciniata Roxburgh var. *tuberculosa* C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:645, 1879. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:526, 1939 [= *laciniata* Roxburgh subsp. *nepalensis* Irmscher, 1939]. —H. Hara, Fl. E. Himalaya, 1:215, 1966.
= **palmata** D. Don var. **palmata,** 1825.

laciniata auct. non Roxburgh: Forbes & Hemsley, J. Linn. Soc. Bot., 23:322, 1888. —Tang–Shui Liu & Ming–Jou Lai, Fl. Taiwan, 3:795, 1977. **R**
= **formosana** (Hayata) Masamune var. **formosana,** 1961.

laciniata auct. non Roxburgh: Hayata in Matsumura & Hayata, J. Coll. Sci. Imp. Univ. Tokyo, 22:166, 1906. —Hayata, J. Coll. Sci. Imp. Univ. Tokyo, 30:124, 1911 [= *laciniata* Roxburgh var. *formosana* Hayata, 1911]. —Tang–Shui Liu & Ming–Jou Lai, Fl. Taiwan, 3:795, 1977. **R**
= **formosana** (Hayata) Masamune var. **formosana,** 1961.

laciniata Roxburgh var. *formosana* Hayata, J. Coll. Sci. Imp. Univ. Tokyo, 30:124, 1911. —Tang–Shui Liu & Ming–Jou Lai, Fl. Taiwan, 3:795, 1977. **R**
= **formosana** (Hayata) Masamune var. **formosana,** 1961.

laciniata Roxburgh subsp. *bowringiana* (Champion) Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:533, pl. 11, 1939. —J. Golding & C. Karegeannes, Phytologia, 54,494, 1984.
= **palmata** D. Don var. **bowringiana** (Champion ex Bentham) J. Golding & C. Karegeannes, 1984.

laciniata Roxburgh subsp. *difformis* Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:533, pl. 8, 1939.
= **palmata** D. Don var. **difformis** (Irmscher) J. Golding & C. Karegeannes, 1984.

laciniata Roxburgh subsp. *flava* (Clarke) Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:529, pl. 4, 1939, —H. Hara, J. Jap. Bot., 45:91, 1970.
= **flaviflora** H. Hara var. **flaviflora**, 1970.

laciniata Roxburgh subsp. *flaviflora* Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:531, pl. 9, 1939. —J. Golding & C. Karegeannes, Phytologia, 54,496, 1984.
= **flaviflora** H. Hara var. **vivida** J. Golding & C. Karegeannes, 1984.

laciniata Roxburgh subsp. *gamblei* Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:528, pl. 3, 1939. —H. Hara, Fl. E. Himalaya, 1:215, 1966 [= *palmata* var. *gamblei* H. Hara, 1966]. —J. Golding & C. Karegeannes, Phytologia, 54,496, 1984.
= **flaviflora** H. Hara var. **gamblei** (Irmscher) J. Golding & C. Karegeannes, 1984.

laciniata Roxburgh subsp. *khasiana* Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:529, pl. 6, 1939. —J. Golding & C. Karegeannes, Phytologia, 54:495, 1984.
= **palmata** D. Don var. **khasiana** (Irmscher) J. Golding & C. Karegeannes, 1984.

laciniata Roxburgh subsp. *nepalensis* (A. de Candolle) Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:526, pl. 2, 1939. —H. Hara, Fl. E. Himalaya, 1:215, 1966.
= **palmata** D. Don var. **palmata**, 1825.

laciniata Roxburgh subsp. *principalis* Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:530, pl. 7, 1939. —J. Golding & C. Karegeannes, Phytologia, 54,495, 1984.
= **palmata** D. Don var. **principalis** (Irmscher) J. Golding & C. Karegeannes, 1984.

laciniata Roxburgh subsp. *crassisetulosa* Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:532, pl. 10, 1939.—J. Golding & C. Karegeannes, Phytologia, 54:494, 1984.
= **palmata** D. Don var. **crassisetulosa** (Irmscher) J. Golding & C. Karegeannes, 1984.

laciniata Roxburgh subsp. *laevifolia* Irmscher, Notes Roy. Bot. Gard. Edinburgh, 21:43, 1951. —J. Golding & C. Karegeannes, Phytologia, 54,495, 1984.
= **palmata** D. Don var. **laevifolia** (Irmscher) J. Golding & C. Karegeannes, 1984.

laciniosa A. de Candolle, Prodr., 15(1):340, 1864. —Standley, Field Mus. Nat. Hist., Bot. Ser., 18:743, 1937.
= **involucrata** Liebmann, 1853.

lacunosa Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A) :140, 1894; Bot. Jahrb. Syst., 22:42, 1895. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):249, fig. 17.10, pl. 3a,b, 1994. [***Scutobegonia***]. Cameroon,

Gabon, Congo, Zaire, Angola (Cabinda). (Fig. 2.15) . Fig. 2.7, non typus, Fig. S225, (2;11-1). **R**
mayombensis Irmscher, 1961. Fig. 2.15.

lacunosa auct. non Warburg: Reitsma, Meded. Landbouwsch. Wageningen, 83(9):45, 47, 1964 ; van den Berg, Agric. Univ. Wageningen Papers, 84(3):38-39, pl. 13, 1985, pro parte. —M. Sosef Wageningen Agric. Univ. Papers, 94(1):271, 1994. **N**
= **susaniae** M. Sosef, 1992.

lacustris Wright ex Grisebach, Cat. Pl. Cub., :117, 1866, pro syn. *tovarensis* Klotzsch, 1855. —L.B. Smith & D.C. Wasshausen, Phytologia, 44,246, 1979.
= **fischeri** Schrank var. **fischeri,** May 1820.

lacustris Irmscher ex Peekel, Flora Bismark Archipelago: 391, pl. 629, 1984. [***Petermannia***]. Papua NewGuinea (Bismark Archipelago). Fig. S246, icon (8;59-1a). **N**

laetevirides Gilg ex E. Carrell, Begonian, 17:98, 1950, nomen nudum. —M. Minter, Begonian, 18:137, 1951. --H. Blossfeld, Begonian, 30:35, 1963, "*laeteviridea*". —R. Ziesenhenne, Begonian, 35:254, 1968, ex herb. Univ. Calif., Berkley, No. 91. **R**
= **bradei** Irmscher, 1953.

laevis Ridley, J. Fed. Malay States Mus., 8(4):39, 1917. [***Petermannia***]. Indonesia: Sumatra. Fig. 34.10.

lagunensis Elmer, Leafl. Philipp. Bot., 2:735, 1910. [***Petermannia***]. Philippines. Fig. 14.34.

lambii Kiew, Gardens' Bull. Singapore 53:267, pl. 6, 2001. [***Petermannia***]. Borneo: Sabah. Editus sero pro clave. **N**

laminariae Irmscher, Notes Roy. Bot. Gard. Edinburgh, 21:40, 1951. —S.H. Huang, & Y.M. Shui, Acta Bot. Yunnanica, 21(1):16, pl. 4, 1999. [***Platycentrum***]. China: Yunnan. Fig. S230, icon (4;54-2), (4;64-1). **R**
circumlobata auct, non Hance, Yü, 1948.

lanata Linden & Rodrigas in A. Van Den Heede, Les Begonias, :164, 1903, nomen nudum.

lancangensis S.H. Huang, Acta Bot. Yunnanica, 21(1):13, pl. 1, figs. 7-9, 1999. [***Sphenanthera***] China: Yunnan. Fig S240, icon (26;4-1a). **N**

lanceolata Vellozo, Fl. Flum., icon., 10:pl. 33, "1827," 1831; descr., Arch. Mus. Nat. Rio de Janeiro, 5:420, 1881. [***Trachelocarpus***]. Brazil. (Fig. 13.5) Fig. 13.8, icon. **R**
Trachelanthus attenuatus Klotzsch, 1855.
Trachelocarpus attenuatus C. Mueller 1857.
attenuata (Klotzsch) A. de Candolle, 1861. Fig. 13.5.

lancifolia Merrill, Philipp. J. Sci., 10:48, 1915. [***Petermannia***]. Philippines. Fig. 6.17.

lancilimba Merrill, Philipp. J. Sci., 14:424, 1919. [***Diploclinium I***]. Philippines. Fig. 14.5.

langbianensis E.G. Baker, J. Nat. Hist. Soc. Siam, 4:133, 1921. [***Platycentrum ?***]. Vietnam. Sine figura; (4;19-1), (5; 24-1), (5;43-1). **R** .

langsdorffii A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:140, 1859; in Martius, Fl. Bras., 4(1):380. 1861.
= **bidentata** Raddi var. **bidentata,** 1820.

lansbergeae Linden & Rodigas, Ill. Hort., 40:41, pl. 174, 1893. [***Diploclinium I ?***]. Brazil. Descriptione inchoata.

lanstyakii Brade, Arq. Serv. Florest., 2:23, pl. 4, 1943. [***Begonia***]. Brazil. Fig. 28.47.

lantanifolia A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:141, 1859, "*lantanaefolia*," —L.B. Smith & B.G. Schubert, Caldasia, 4:100, 1946.
= **buddleiifolia** A. de Candolle, 1859.

lanternaria Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:555, [***Coelocentrum***]. China. Fig. 26.18.

lanuginosa A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:131, 1859. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,468, 1984.
= **sericoneura** Liebmann, 1853.

lapistipula Engler, Veg. Erde, 9(3.2):616, 1921, non Merrill, 1915. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:468, 1984. [= **gracilicaulis** Irmscher, 1921], —Doorenbos, Sosef & de Wilde, Wageningen Agric. Univ. Papers, 98(2):238, 1998. **R**
= **macrocarpa** Warburg, 1895.

laporteifolia Warburg, Bot. Jahrb. Syst., 22:41, 1895. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):254, fig. 17.11. 1994. [***Scutobegonia***]. Cameroon. (Fig. 2.10) .Fig. 2.11. **R**
schlechteri Gilg, 1904. Fig. 2.10.
hypogaea Winkler, 1906.

larorum L.B. Smith & D.C. Wasshausen, Phytologia, 52:446, 1983. [***Pritzelia***]. Brazil. Fig. 20.32.
simulans Irmscher, 1953, non Merrill & Perry, 1943.

lateralis Elmer ex Merrill, Enum. Phillip. Fl. Pl., 3:127, 1923, pro syn. **pseudolateralis** Warburg 1904.

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= **guaduensis** Kunth in Humboldt, Bonpland & Kunth, 1825.

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laxa L.B. Smith & B.G. Schubert, Fieldiana: Bot., 28:416, pl. 88, 1952. [***Cyathocnemis***].Venezuela. Fig. 30.50, icon.

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lazat Kiew & Reza, Garden Bull. Singapore, 50: 45, pl. 2, 1998. [***Petermannia***]. Borneo: Sabah. Fig.S243, icon (11;9-1a). **N**

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= **xanthina** W.J. Hooker var. **xanthina,** 1852.

lealii Brade, Arq. Jard. Bot. Rio de Janerio, 13:81, pl. 6, 1954. "*leali.*" [***Pritzelia***]. Brazil. Fig. 3.41, icon.

leandrii Humbert ex Keraudren-Aymonin & Bosser, Bull. Soc. Bot. France, 118:741, "1971," 1973. [***Quadrilobaria***]. Madagascar. Fig. 5.15.

leathermaniae T. O'Reilly & C. Karegeannes, Begonian, 50:113, 141, 146, pl, 1983. [***Knesebeckia***]. Bolivia. Fig. S5, (4;7-1). **R**
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= **wollastonii** E.G. Baker, 1908.

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Begoniella lehmannii Irmscher, 1949.

lehmbachii Warburg, Gartenfl., 49:281, pl. 1476, 1900. —Engler, Veg. Erde, 9(3.2):614, 1921.
= **oxyloba** Welwitsch ex J.D. Hooker 1871.

leichtiana Irmscher ex M. Sosef, Wageningen Agric. Univ. Papers, 94(1):194, 1994, ms name, pro syn. **quadrialata** Warburg subsp. **nimbaensis** M. Sosef, 1994. **N**

leivae J. Sierra, Revista Jard. Bot. Nac. Univ. Habana, 10:103, "1989" 1990., Flora de Cuba, 3:25, pl.3, fig.6, 2000. [***Begonia***]. Cuba. Sine figura: (12;15-2). **N**

lemaoutii hort. ex Vallerand, Jardin, :258, 1889. "*lemahoutii*." ; Ill. Hort., 36:111, 1889. "*Le Maouti*." Descriptione inchoata. [*?*].

lemurica M. Keraudren, Fl. Madagascar, 144:56, pl. 3:fig. 6, 1983. [***Erminea***]. Madagascar. Fig. S82, (5;7-1a). **R**

lepida Blume, Enum. Pl. Javae, 1:98, 1827. —A. de Candolle, Prodr., 15(1):317, 1864. —Koorders, Exkurs.-Fl. Java, 2:645, 1912. —J. Golding & C. Karegeannes, Phytologia, 54:494, 1984. [***Bracteibegonia***]. Indonesia: Java. Fig. 14.43. **R**
Diploclinium lepidum (Blume) Miquel, 1856.
Knesebeckia bracteata Hasskarl, 1858.
resecta Miquel ex Koorders, 1912.

lepidella Ridley, J. Fed. Malay States Mus., 8(4):40, 1917. [***Petermannia***]. Indonesia: Sumatra. Fig. S159, (21;4-2).**R**

lepidota Liebmann, Vid. Medd. Naturh. F. Kjöbenhavn 1852, :17, 1853. —A. de Candolle in Martius, Fl. Bras., 4(1):388, 1861.
= **manicata** Brongniart var. **manicata,** 1842.

leprosa Hance, J. Bot., 21:202, 1883. —Woon-Young Chun & Faith Chun, Sunyatsenia, 4:24, pl. 7, 1939. [***Diploclinium I ?***]. China. (Fig. 24.22, icon) . **R**
bretschneideriana Helmsley 1900. Fig. 24.22, icon.

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= **plebeja** Liebmann, 1853.

leptopoda C. de Candolle, Smithsonian Misc. Collect., 69(12):6, 1919. —L.B. Smith & B.G. Schubert, Ann. Missouri Bot. Gard., 45:56, 1958.
= **filipes** Bentham, 1844.

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adscendens auct. non C.B. Clarke: H. Hara, 1971.

leptostyla Irmscher, Bot. Jahrb. Syst., 74:609, 1949. [***Ruizopavonia ?***]. Bolivia. Fig. 19.25.

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= **subvillosa** Klotzsch var. **leptotricha** C.. de Candolle) L.B. Smith & D.C. Wasshausen, 1983.

letestui J.J. de Wilde, Wageningen Univ. Papers, 2001-2:137, pl.14, 2002. [***Tetraphila***]. Gabon. Editus sero pro clave. **N**

lethomasiae Wilczek, Bull. Jard. Bot. Nat. Belg., 39:85, 1969. .—J.J. de Wilde, Wageningen Univ. Papers, 2001-2:59, 2002. Fig. 14.10. **R**
= **ebolowensis** Engler, 1921.

letouzeyi M. Sosef, Wageningen Agric. Univ. Papers, 94(1):162, fig. 16.7, 1994.[***Loasibegonia***]. Cameroon, Gabon, Congo. Fig. S55, icon (2;25-1b). **N**
schaeferi auct. non Engler: van dem Berg, 1985, pro parte.

leucantha Ridley, J. Roy. Asiat. Soc., Straits Br., 57:49, 1911. [***Parvibegonia***]. Malaya. Fig. 28.37.

leucochlora Sands, Check List Flowering Pl of Brunei Darussalam, App. 2: 432, 1997. Brunei. Editus sero pro clave. **N**

leuconeura Urban & Ekman, Ark. Bot., 23A(5):97, 1930. [***Begonia***]. West Indies: Haiti. Fig. 23.18.

leucostricta Warburg in Perkins, Fragm. Fl. Philipp., :55, 1904. [***Petermannia***]. Philippines. Fig. 20.15.

leucotricha Sands, Check List Flowering Pl of Brunei Darussalam, App. 2: 434, 1997. Brunei. Editus sero pro clave. **N**

leytensis Elmer, Leafl. Philipp. Bot., 2:739, 1910. —Merrill, Philipp. J. Sci., 7:311, 1912.
= **quercifolia** A. de Candolle, 1859.

leytensis Merrill, Philipp. J. Sci., 9:379, 1914, non Elmer, 1910; Philipp. J. Sci., 10:277, 1915.
= **wenzelii** Merrill, 1915.

libanensis Urban, Repert. Spec. Nov. Regni Veg., 21:217, 1925. — J. Sierra, Flora de Cuba, 3:15, pl. 3.fig. 11, 2000 [***Begonia***]. Cuba. Fig. 11.3.

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libonica hort. Berol. ex Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :232, 1855; Begoniac., :112, 1855, pro syn. *Pritzelia princeps* Klotzsch, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):357, 1861.
= **princeps** A. de Candolle var. **princeps**, 1861.

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= **weberbaueri** Irmscher, 1953.

liebmannii A. de Candolle, Prodr., 15(1):345, 1864. " *liebmanni*." —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:174, 1961.
= **ludica** A. de Candolle, 1859.

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= **unduavensis** Rusby, 1920.

liminghi hort. Wein. Ill. Garten–Zeit, 10:426, pl, 1885. —Irmscher, Bot. Jahrb. Syst., 76:29, 1953 [= *limmingheana* Morren, 1866]. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):14, 1971 [= *procumbens* Vellozo, 1831]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,469, 1984.
= **radicans** Vellozo, 1831.

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= **radicans** Vellozo, 1831.

limminghei Pynaert, Rev. Hort. Belge Étrangerè, 1:259, pl, 1875. —Irmscher, Bot. Jahrb. Syst., 76:29, 1953 [= *limmingheana* Morren, 1866]. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):14, 1971 [= *procumbens* Vellozo, 1831]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:469, 1984.
= **radicans** Vellozo, 1831.

limprichtii Irmscher, Repert. Spec. Nov. Regni Veg. Beih., 12:440, 1922. [***Platycentrum***]. China. Fig. 26.12.

lindeniana A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:123, 1859. —O.E. Schulz in Urban, Symb. Antil., 7:12. 1911.
= **cubensis** Hasskarl, 1858.

lindeniana auct. non A. de Candolle: Sauvalle, Fl. Cub., :57, 1869. —O.E. Schulz in Urban, Symb. Antil., 7:18, 1911.
= **wrightiana** A. de Candolle, 1859.

lindleyana Walpers, Repert. Bot. Syst., 2:209, 1843. [***Gireoudia***]. Guatemala. Fig. 2.4.
Gireoudia lindleyana (Walpers) Klotzsch, 1854.
Gireoudia vitifolia (Lindley) Klotzsch, 1855.
vitifolia auct. non Schott: Lindley, 1842.

lindleyana auct. non Walpers: Warscewicz ex Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :122, 1854, nomen nudum.

lindleyana auct. non Walpers: L.B. Smith & B.G. Schubert, Caldasia, 4:11, pl. 2, 1946. —K. Burt–Utley, Phytologia, 54:488, 1984.
= **sericoneura** Liebmann, 1853.

lindmanii Brade, Arq. Jard. Bot. Rio de Janerio, 12:8, pls. 2, 5:figs. 7–14, 1952. [***Begonia***]. Brazil. Fig. 20.4. **R**

linearifolia J. Sierra, Rev. Jard. Bot. Nac. Univ. Habana, 12:43, "1991" 1993. Flora de Cuba, 3:9, pl. 3, fig 5, 2000. [***Begonia***]. Cuba. Sine figura: (11;12-1a). **N**
stenophylla J. Sierra, 1990, non A. de Candolle, 1859.

lineata N.E. Brown, Gard. Chron., II, 18:199, 1882. —Backer & Van den Brink, Fl. Java, 1:308, 1964. —L.B. Smith & D.C. Washhausen, Phytologia, 54:468, 1984. **R**
= **tenuifolia** Dryander, 1791.

lineolata Brade, Sellowia, 9:28, pl. 1, 1958. [***Pritzelia***]. Brazil. Fig. 19.14, icon.

lipingensis Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 6,353, 1927. [***Platycentrum***]. China. Fig. 5.27. *pedatifida* Léveillé var. *kewensis* Léveillé, 1909.

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brevipetala (A. de Candolle) Warburg var. *luteynorum* L.B. Smith & D.C. Wasshausen, 1987.

listada L.B. Smith & D.C. Wasshausen, Begonian, "49," 48:155, pl, 1981. [***Pritzelia***]. Brazil, Paraguay, Argentina. Fig. 14.41. **R**
listada hort, 1961.
Listida hort, 1962

listada hort, Begonian, 28:162, 1961. — Begonian, 29:226, 1962 [= *listida* hort]. —C. Karegeannes, Begonian, 49:157, 1981.
= **listada** L.B. Smith & D.C. Wasshausen, 1981.

lithophila C.Y. Wu, Acta Phytotax, Sin., 33(3):257, pl. 6, 1995. [***Diploclinium III***]. China: Yunnan. Fig. S80, icon (4;68-1). **N**

littleri Merrill, Philipp. J. Sci., 6:379, "1911," 1912. [***Platycentrum***]. Philippines. Fig. 16.34.

lobata Schott in Sprengel, Syst. Veg., ed. 16, 4(app) :408, 1827. —A. de Candolle in Martius, Fl. Bras., 4(1):375, 1861. —Doorenbos, Sosef & de Wilde, Wageningen Agric. Univ. .Papers, 98(2):243, 1998. Brazil. Fig. 4.15, non typus, Fig. S247, (4;18-1a). **R**
= **rufa** Thunberg , 1821.

lobato–peltata Irmscher, Bot. Jahrb. Syst., 76:86, 1953. —L.B. Smith & D.C. Wasshausen, Phytologia, 44:244, 1979.
= **erythrocarpa** A. de Candolle, 1859.

lobbiana A. de Candolle, Prodr., 15(1):355, 1864, pro syn. **parvuliflora** A. de Candolle var. **parvuliflora**, 1859.

lobbii A. de Candolle, Prodr., 15(1):390, 1864. [***Reichenheimia I***]. Indonesia: Java. Sine figura; (2;46-1), (3;72-1) & (22;30.1). **R**
Mitscherlichia lobbii Hasskarl, 1858.

lobulata A. de Candolle, Prodr., 15(1):339, 1864. —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:181, 1961. **R**
= **sartorii** Liebmann, 1853.

locellata A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:137, 1859. —L.B. Smith & B.G. Schubert, Ann. Missouri Bot. Gard., 45:54, 1958. Mexico.
= **glabra** Aublet var. **glabra**, 1775.

loheri Merrill, Philipp. J. Sci., 6:382, "1911," 1912. [***Petermannia***]. Philippines. Fig. 6.19.

lokobeënsis Humbert ex Keraudren-Aymonin & Bosser, Bull. Mus. Hist. Nat. (Paris), III, 47:80, 1972. —M. Keraudren–Aymonin, Fl. Madagascar, 144:62, 1983.
= **humilis** Dryander var. **humilis,** 1789.

loloensis Gilg, Bot. Jahrb. Syst., 34:94, 1904. —Doorenbos, Sosef & de Wilde, Wageningen Agric. Univ. .Papers, 98(2):243, 1998. Cameroon. Fig. 21.47. **R**
= **elatostemmoides** J.D. Hooker in Oliver, 1871.

lomensis Britton & Wilson, Bull. Torrey Bot. Club, 50:43, 1923. – Flora de Cuba, 3:10, pl. 3, fig 10, 2000 [***Begonia***]. Cuba. Fig. S38, (34;11-2). **R**

longanensis C. Y. Wu, Acta Phytotax. Sin., 35(1): 54, pl. 32, 1997. [***Platycentrum***]. Fig. S91, icon (8;8-2a). **N**

longialata K.Y. Guan & D.K. Tian Acta Bot. Yunnanica, 22(2):132, pl. 3, 2000. [***Platycentrum***] China: Yunnan. Fig. S237, icon (4;53-2d). **N**

longibarbata Brade, Arq. Jard. Bot. Rio de Janerio, 8:228, pl. 2, 1948. [***Pritzelia***]. Brazil. Fig. 31.16, icon.

longibractea Merrill, Philipp. J. Sci., 17:293, 1920. [***Petermannia***]. Philippines. Fig. 6.3.

longicarpa K.Y. Guan & D.K. Tian Acta Bot. Yunnanica, 22(2):130, pl. 2, 2000. [***Sphenanthera***] China: Yunnan. Fig. S233, icon (8;28-2a). **N**

longicaulis Ridley, J. Roy. Asiat. Soc., Straits Br., 75:35, 1917. [***Platycentrum***]. Malaya. Fig. 32.17.

longiciliata C.Y. Wu, Acta Phytotax, Sin., 33(3):271,1995. [***Platycentrum***]. China: Guizhou. Fig, S90 icon (8; 6-1a). **N**

longifolia Blume, Catalogus, :102, 1823. [***Sphenanthera***]. Indonesia: Java. Fig. S122 (12;25-2a). **R**
Diploclinium longifolium (Blume) Miquel, 1856.
Diploclinium longifolium (Blume) Miquel var. *luxurians* Miquel ex Koorders, 1912.

longimaculata Irmscher, Bot. Jahrb. Syst., 76:89, 1953. [***Knesebeckia***]. Peru. Fig. 20.31.

longinoda Merrill, Philipp. J. Sci., 6:397, "1911," 1912. [***Diploclinium I***]. Philippines. Fig. 26.24.

longipedunculata J. Golding & C. Karegeannes, Phytologia, 54:496, 1984. [***Platycentrum***]. Indonesia: Sumatra. Descriptione inchoata.
longipetiolata E.G. Baker, 1924, non Gilg, 1904.

longipes W.J. Hooker, Bot. Mag., 57:pl. 3001, 1830.—Irmscher, Webbia, 12:506, 1957. Fig. 29.5, icon.
= **reniformis** Dryander, 1791.

longipes W.J. Hooker var. *laticordata* A. de Candolle in Martius, Fl. Bras., 4(1):368, 1861.
= **reniformis** Dryander, 1791.

longipetiolata Gilg, Bot. Jahrb. Syst., 34:92, 1904. —Engler, Veg. Erde, 9(3.2):620, 1921, pro syn. **squamulosa** J.D. Hooker, 1871, sphalmate, pro parte tantum spec. Kribi region. —J.C. Arends, Wageningen Agric. Univ. Papers, 91(6):195, "1991," 1992.—J..J. de Wilde, Wageningen Univ. Papers, 2001-2:143, pl.15, 2002. [***Tetraphila***]. Nigeria to Congo: Kinshasa. (Fig. 13.17, icon), (Fig. 14.11), (Fig. 14.13), (Fig. 14.16), (Fig. 14.31). **R**
macrura Gilg, 1904. Fig. 14.31.
gracilipetiolata De Wildeman, 1908. Fig. 14.11
bipindensis Gilg ex Engler, 1921.
crassipes Gilg ex Engler, 1921.
gladiifolia Engler, 1921. Fig. 14.16.
nicolai–hallei Wilczek, 1969. Fig. 14.13.
squamulosa J.D. Hooker var. *bipindensis* (Gilg ex Engler) N. Hallé, 1972.
elaeagnifolia auct. non J.D. Hooker: De Wildeman & Th. Durand, 1900.
squamulosa auct. non J.D. Hooker: Keay 1954. Fig. 13.17, icon.

longipetiolata E.G. Baker, J. Bot., 62, suppl.,:44, 1924, "*longepetiolata.*" —J. Golding & C. Karegeannes, Phytologia, 54,496, 1984. **R**
= **longipeduculata** J. Golding & C. Karegeannes, 1984.

longipila Lemaire, Ill. Hort., 8:pl. 307, 1861. —A. de Candolle, Prodr., 15(1):335, 1864. **R**
= **heracleifolia** Schlechtendal & Chamisso var. **longipila** A. de Candolle, 1864.

longirostris Bentham, Pl. Hartw., :185, 1845. —Irmscher, Bot. Jahrb. Syst., 50:573, pl.4:fig. 22, 1914. [***Semibegoniella***]. Colombia, Equador. Fig. 21.12.
Isopteris longirostris (Bentham) Klotzsch, 1854.
Casparya grewiifolia A. de Candolle, 1859.
Casparya grewiifolia A. de Candolle var. *jamesoniana* A. de Candolle, 1859.
Casparya grewiifolia A. de Candolle var. *pavoniana* A. de Candolle, 1864.
Casparya longirostris (Bentham) A. de Candolle, 1864.
grewiifolia (A. de Candolle) Warburg 1894.
Semibegoniella janesonia C. de Candolle, 1908.
Semibegoniella sodiroi C. de Candolle, 1908.

longiscapa Warburg in Perkins, Fragm. Fl. Philipp., :52, 1904. [***Diploclinium I***]. Philippines. Fig. 24.26.

longiseta Irmscher, Webbia, 9:499, pl. 7, 1954. [***Petermannia***]. Borneo: Sarawak. Fig. 14.44.

longistipula Merrill, Philipp. J. Sci., 6:379, "1911," 1912. [***Petermannia***]. Philippines. Fig. S148, (16;56-1). **R**

longovillosa A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:130, 1859. [***Diploclinium I***]. Philippines. Sine figura; (7;20-1). **R**

lopensis M. Sosef & M. Leal, Wageningen Univ. Papers, 2001-2:268, pl. 1, 2002. [***Scutobegonia***]. Gabon. Editus sero pro clave. **N**

lophoptera Rolfe, Bull. Misc. Inform., :28, 1914. [***Cyathocnemis***]. Peru. Fig. 32.9.

loranthoides J.D. Hooker, in Oliver, Fl. Trop. Afr., 2:580, 1871. —J..J. de Wilde, Wageningen Univ. Papers, 2001-2:152, pl.16, 2002. [***Tetraphila***]. **R**

loranthoides J.D. Hooker subsp. **loranthoides** J.J. de Wilde & J.C. Arends, Acta Bot. Neerl., 28:359, 1979. —J..J. de Wilde, Wageningen Univ. Papers, 2001-2:156, 2002. [***Tetraphila***]. Principe, São Tomé. Fig. 16.36. (Fig. 16.14). **N**
henriquesii C. de Candolle, 1892.
mauricei R. Ziesenhenne, 1971. Fig. 16.14.

loranthoides J.D. Hooker subsp. **rhopalocarpa** (Warburg) J.J. de Wilde, Acta Bot. Neerl., 28:367, pl. 1, 1979; J..J. de Wilde, Wageningen Univ. Papers, 2001-2:159, pl.16, 2002. Cameroon to Congo: Brazzaville.(Fig. 16.24). **N**
rhopalocarpa Warburg, 1895. Fig. 16.24.
injoloensis De Wildeman, 1908.

louis–williamsii K. Burt–Utley, Brittonia, 34:194, pl. 4, 1982. [***Gireoudia***]. Guatemala. Fig. 22.26, icon.

lowiana King, J. Asiat. Soc. Beng., pt. 2, Nat. Hist., 71:67, 1902. [***Platycentrum***]. Malaya. Fig. S37, (31;6-1). **R**

lubbersii Morren, Belgique Hort., 33:155, pl. 13, 1883. "*lubbersi.*" [***Gaerdtia***]. Brazil. Fig. 3.22, icon.

lucida Haworth, Saxifr. Enum., :197, 1821. —A. de Candolle in Martius, Fl. Bras., 4(1):343, 1861.
= **humilis** Dryander var. **humilis,** 1789.

lucida Paxton, Paxton's Mag. Bot., 13,77, 1847, nomen sub iconis sphalmate pro *nitida* Dryander, 1789. —O.E. Schulz in Urban, Symb. Antil., 7:19, 1911 [= **odorata** Willdenow, 1813, sphalmate]; in Urban, Symb. Antil., 7:10, 19, 1911.
= **minor** Jacquin, 1787.

lucida Otto & Dietrich, Allg. Gartenzeitung, 16:162, 1848. —A. de Candolle, Prodr.,

15(1):362, 1864 [= *scandens* Swartz, 1788]. —O.E. Schulz in Urban, Symb. Antil., 7:5, 1911.
= **glabra** Aublet var. **glabra,** 1775.

lucida Kunth & Bouché, Index Sem. Hort. Berol. 1848 Coll., :16, No. 30, 1849, nec Haworth, 1821, nec Otto & Dietrich, 1848. —Walpers, Ann. Bot. Syst., 2:650, 1852.
= **kunthiana** Walpers, 1852.

lucida Parodi, Anales Soc. Ci. Argent., 5:208, 1878, nec Haworth, 1821, nec Kunth & Bouché, 1849. —J. Golding & C. Karegeannes, Phytologia, 54:496, 1984.
= **lucidissima** J. Golding & C. Karegeannes, 1984.

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lucida Parodi, 1878, nec Haworth, 1821, nec Kunth & Bouché, 1849.

lucifuga Irmscher, Bot. Jahrb. Syst., 74:608, 1949. [***Cyathocnemis***]. Peru. Fig. 30.5.

lucunda F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2, :72, 1974, sphalmate pro **iucunda** Irmscher, 1961.

ludica A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:133, 1859. [***Weilbachia***]. Mexico. Fig. 25.17.
reptans Liebmann, 1853, non Bentham, 1840.
Weilbachia reptans Klotzsch & Oersted, 1855.
liebmannii A. de Candolle, 1864.
repens Liebmann ex Hemsley, 1880, non Lamarck, 1785.

ludwigii Irmscher, Biblioth. Bot., 116:113, 1937. [***Knesebeckia***]. Ecuador. Fig. 4.34. **R**
ecuador E.K. Gray, 1931.
ecuadoriensis hort. ex Everett, 1940, non Buxton, 1932.
rigida auct. non Linden ex Regel: A. Clarke, 1947.

ludwigsii Gilg ex Wilczek, Bull. Jard. Bot. Nat. Belg., 39:84, 969, pro syn. *gladiifolia* Engler, 1921, nomen nudum. —J.C. Arends, Wageningen Agric. Univ. Papers, 91(6):196, 1992. **R**

lugonis L.B. Smith & D.C. Wasshausen in Harling & Andersson, Fl. Ecuador, 25:55, pl. 13, 1986. [***Knesebeckia ?***]. Ecuador. Fig. S129, (13;12-2a). **N**

lunatistyla Irmscher, Webbia, 9:503, pl. 8, 1953. [***Petermannia ?***]. Borneo: Sarawak. Fig. 14.24.

lushaiensis C.E.C. Fischer, Bull. Misc. Inform., :273, 1928. [***Diploclinium II***]. India. Sine figura (27;37-2). **R**

luzhaiensis T.C. Ku, Acta Phytotax, Sin., 37(3):287, pl.1fig 1-2, 1999. [***Coelocentrum***] China. Fig. S235, icon (23;3-2b). **N**

lutea L.B. Smith & B.G. Schubert, Caldasia, 4:11, pl. 2, 1946. [***Eupetalum ?***]. Colombia. Fig. 8.37, icon.

luxii C. de Candolle, Bot. Gaz., 20:541, 1895. —L.B. Smith & B.G. Schubert, Ann. Missouri Bot. Gard., 45:58, 1958.
= **oaxacana** A. de Candolle var. **oaxacana,** 1859.

luxii C. de Candolle var. *pilosior* C. de Candolle, Bull. Soc. Roy. Bot. Belgique, 35:266, 1896. —Standley, Field Mus. Nat. Hist., Bot. Ser., 18:743, 1937 [= *luxii* C. de Candolle, 1895]. —L.B. Smith & B.G. Schubert, Ann. Missouri Bot. Gard., 45:58, 1958.
= **oaxacana** A. de Candolle var. **oaxacana,** 1859.

luxurians Scheidweiler var. **luxurians,** Allg. Gartenzeitung, 16:131, 1848. —A. de Candolle in Martius, Fl. Bras., 4(1):373, pl. 98, 1861. —Irmscher, Webbia, 12:448, 1957. [***Scheidweileria***]. Brazil. Fig. 4.3.
Scheidweileria luxurians (Scheidweiler) Klotzsch, 1854.

luxurians Scheidweiler var. **sampaioana** Brade, Bot. Mus. Nac. Rio de Janeiro, Bot, 1:10, 1944.

luzonensis Warburg in Perkins, Fragm. Fl. Philipp., :52, 1904. [***Diploclinium I***]. Philippines. Fig. 26.25.
bakeri Elmer, 1939, non C. de Candolle, 1908.

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lyallii A. de Candolle var. **lyallii** f. **masoalensis** Aymonin & Bosser, Fl. Madagascar, 144:76, pl. 23:fig. 4, 1983. Madagascar.

lyallii A. de Candolle var. **lyallii** f. **moratii** Aymonin & Bosser, Fl. Madagascar, 144:76, pl. 23:figs 1–3, 1983. Madagascar.

lyallii A. de Candolle var. **grandiflora** M. Keraudren, Fl. Madagascar, 144:80, 1983. Madagascar.

lyallii A. de Candolle var. **pubescens** M. Keraudren, Fl. Madagascar, 144:78, pl. 22:fig. 10, 1983. Madagascar.

lyallii A. de Candolle var. **urschii** M. Keraudren, Fl. Madagascar, 144:80, pl. 24, 1983. Madagascar.

lyman–smithii K. Burt–Utley & J.F. Utley, Brittonia, 39:59, pl. 1, 1987. [***Gireoudia***]. Mexico. Fig. S179, icon (25;56-1b). **N**

lynchiana J.D. Hooker, Bot. Mag., 110:pl. 6758, 1884, "*lyncheana.*" —L.B. Smith & D.C. Wasshausen, Phytologia, 54:468, 1984.
= **cyathophora** Poeppig & Endlicher, 1835.

lyniceorum K. Burt–Utley, Brittonia, 35:116, pl. 3, 1983. [***Weilbachia***]. Mexico. Fig. S58, icon (3;7-2a). **N**

macahensis Glaziou, Bull. Soc. Bot. France, 56, Mem., 3d:118:324, 1909. nomen nudum. **R**

macambrarensis Exell, Cat. Vas. Pl. S. Tomé, :190, pl. 10, 1944. —J..J. de Wilde, Wageningen Univ. Papers, 2001-2:222, 2002. . Fig. 12.6. **N**
= **subalpestris** A. Chevalier, 1912.

macbethii hort, Shepherd Cat., :18, 1891. "*mcbethii.*" —L.H. Bailey, Gentes. Herb., 1:127, 1923.
= **dregei** Otto & Dietrich var. **macbethii** L.H. Bailey, 1923.

macbrideana Irmscher, Bot. Jahrb. Syst., 76:87, 1953. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,468, 1984.
= **erythrocarpa** A. de Candolle, 1859.

macdanielsii Standley, Field Mus. Nat. Hist., Bot. Ser., 17:266, 1937. [***Quadriperigonia***]. Mexico. Fig. 28.60.

macdougallii R. Ziesenhenne, Begonian, 14,220, 1947. (Fig. 5.3) . —K. Burt–Utley, Begonian, 49:117, 1982. **R**
= **thiemei** C. de Candolle, 1895.

macduffieana L.B. Smith & B.G. Schubert, Begonian, 52:135–136, pl, 1985. [***Gaerdtia***]. Brazil. Fig. S210, (30;117-1a). **N**

macgregorii Merrill, Philipp. J. Sci., 7:310, 1912. [***Petermannia***]. Philippines. Fig. 14.42.

macgregorii W.W. Smith, Rec. Bot. Surv. India, 6(4):99, 1914, non Merrill, 1912. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:445, 1983.
= **burmensis** L.B. Smith & D.C. Wasshausen, 1983.

machrisiana L.B. Smith & B.G. Schubert, Los. Angeles County Mus. Contr. Sci., 47:1, pl, 1961. [***Cyathocnemis ?***]. Brazil. Fig. 3.26.

macra A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:121, 1859. [***Eupetalum***]. Colombia. Fig. 8.24.

macrideana F.A. Barkley & J. Golding, Sp. Begoniaceae, ed.2, :74, 1974, sphalmate pro *macbrideana* Irmscher, 1953.

macrocarpa Warburg, Bot. Jahrb. Syst., 22:43, 1895. [***Filicibegonia***]. Cameroon. (Fig. 27.26), (Fig. S20). **R**
pseudimpatiens Gilg, 1904.

simii Stapf, 1905.
bruneelii De Wildeman, 1908.
romeensis De Wildeman, 1908. Fig. 27.26 icon.
gouroana A. Chevalier, 1912.
gracilicaulis Irmscher, 1921. Fig. S20, (18;28-2).
lapistipula Engler, 1921, non Merrill, 1915.
zenkeri Warburg ex Exell, 1929.

macrocarpa pubescens H.K Krauss, Begonias for American Homes and Gardens, :138, 1947. —Begonian, 17:98, 1950, [= *laetevirides* Gilg ex E. Carrell, 1950]. —M. Minter, Begonian, 18:137, 1951. —H. Blossfeld, Begonia, 30:35, 1963. **N**
= **bradei** Irmscher, 1953.

macrophylla Lamarck, Encyc., 1:394, 1785. —O.E. Schulz in Urban, Symb. Antil., 7:21, 1911. —J. Golding, Phytologia, 45:246, 1980.
= **obliqua** Linnaeus 1753.

macrophylla auct. non Lamarck: Wikstrom, Guadel., in Königl. Vetensk. Akad. Handl., :76, 1827. —O.E. Schulz in Urban, Symb. Antil., 7:19, 1911. **R**
= **odorata** Willdenow, 1813.

macrophylla hort. Berol. ex Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :216, 1855; Begoniac., :96, 1855, pro syn. *Gireoudia macrophylla* Klotzsch var. *concolor* Klotzsch, 1855 —J. Golding & C. Karegeannes, Phytologia, 54:496, 1984.
= **barkeri** Knowles & Wescott, 1840.

macrophylla Sessé & Mociño, Pl. Nov. Hisp., :162, 1890, non Lamarck, 1758, non visus. ; Fl. Mex., ed. 2, :219, 1894. —L.B. Smith & B.G. Schubert, Contr. Gray Herb., 154:28, 1945.
= **barkeri** Knowles & Wescott, 1840.

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= **barkeri** Knowles & Wescott, 1840.

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= **barkeri** Knowles & Wescott, 1840.

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= **potamophila** Gilg, 1904.

macroptera Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :122, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :154, 1855; Begoniac., :34, 1855. —L.B. Smith & B.G. Schubert, Revista Univ. (Cuzco), 33(87):80. 1944 [= *tovarensis* Klotzsch, 1855]; J. Wash. Acad. Sci., 40:245, 1950 [= *patula* Haworth, 1819]. —Brade, Rodriguesia, 32:155, 1957 [= *fischeri* Schrank var. *fischeri* auct. non Schrank: Brade, 1957]. —L.B. Smith & D.C. Wasshausen, Phytologia, 55:112, 1984.
= **fischeri** Schrank var. **macroptera** (Klotzsch) Irmscher, 1953.

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= **fischeri** Schrank var. **macroptera** (Klotzsch) Irmscher, 1953.

macroptera Klotzsch var. *pohliana* (Klotzsch) A. de Candolle in Martius, Fl. Bras., 4(1):346, 1861. —L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 40:245, 1950 [= *patula* Haworth, 1819]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,468, 1984.
= **fischeri** Schrank var. **macroptera** (Klotzsch) Irmscher, 1953.

macrorhiza F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2, :74, 1974, sphalmate pro **porteri** Léveillé & Vaniot var. **macrorhiza** Gagnepain, 1921.

macrostyla Warburg, Bot. Jahrb. Syst., 22:37, 1895. —Keay in Hutchinson & Dalziel, Fl. W. Trop. Afr., ed. 2, 1:220, 1954. —J.J. de

Wilde, Wageningen Univ. Papers, 2001-2:72, 2002
= **eminii** Warburg, 1895.

macrotis Visiani, Atti r Inst. Veneto Sci., III, 4:138. 1859. [*?*]. Sine figura;(3; 53-1). **R**

macrotoma Irmscher, Notes Roy. Bot. Gard. Edinburgh, 21:41, 1951. [***Platycentrum***]. China. Fig. 4.50.

macrura Gilg, Bot. Jahrb. Syst., 34:92, 1904. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:468, 1984 [pro syn. **squamulosa** J.D. Hooker, 1871, sphalmate]. —L.B. Smith, D.C. Wasshausen, J. Golding, & C. Karegeannes, Smithsonian Contr. Bot., 60:236, 386, 1986. Fig. 14.31 [pro **squamulosa** J.D. Hooker, 1871, sphalmate],. —J.C. Arends, Wageningen Agric. Univ. Papers, 91(6):195, 1992.—J..J. de Wilde, Wageningen Univ. Papers, 2001-2:143, 2002. **R**
= **longipetiolata** Gilg, 1904.

maculata Raddi var. **maculata,** Mem. Mat. Fis. Soc. Ital. Sci., Modena, 18:406. 1820. [***Gaerdtia***]. Brazil. Fig. 30.56.
argyrostigma Fischer ex Link & Otto, 1821.
punctata hort. ex Steudel, 1840.
Gaerdtia maculata (Raddi) Klotzsch, 1854.

maculata Raddi var. **argentea** (Van Houtte) A. de Candolle in Martius, Fl. Bras., 4(1):354, 1861. Brazil.

maculata Raddi var. **elegantissima** hort. ex Fotsch, Begonien, :93, 1933.

maculata Raddi var. **wightii** hort. ex Fotsch, Begonien, :93, 1933. "*wrightii*".

maculata Raddi var. *albo–picta* hort. W. Bull ex Fotsch, Begonien, :93, pl. 40, 1933. —Irmscher, Pareys Blumengart., ed. 2, :79, 1960, sphalmate pro '*Argentea–guttata*'.

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= **albo–picta** W. Bull, 1885.

madaiensis Kiew, Gardens' Bull. Singapore 53:273, pl. 14, 2001. [***Petermannia***]. Borneo: Sabah. Editus sero pro clave. **N**

madecassa M. Keraudren, Fl. Madagascar, 144:83, pl. 26, 1983. [***Nerviplacentaria***]. Madagascar. Fig. S197, (27;39-1a). **R**

maestrensis Urban, Repert. Spec. Nov. Regni Veg., 21:216, 1925.— J. Sierra, Flora de Cuba, 3:11, pl. 3.fig 14, 2000. [***Begonia***]. Cuba. Fig. 30.23.

magdalenae L.B. Smith & B.G. Schubert, Caldasia, 4:90, pl. 10, 1946. [***Cyathocnemis***]. Colombia. Fig. S208, (30;65-2). **R**

magdalenensis Brade, Rodriguesia, 18:19, pl. 3, 1945. [***Pritzelia***]. Brazil. Fig. 24.28, icon.

magnifica Noronha, Verh. Batav. Gen., 5, art., 4:8, 1790, nomen nudum. Indonesia: Java..

magnifica Warscewicz ex Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :127, 1854. pro syn. *Stiradotheca magnifica* Klotzsch, 1854, nomen nudum. —Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :249, 1855; Begoniac., :149, 1855. [= *Stibadotheca magnifica* Klotzsch, 1855]. —A. de Candolle, Prodr., 15(1):269, 1864 [= *Casparya ferruginea* A. de Candolle, 1864]. —C. de Candolle, Bull. Herb. Boissier, II, 8:319, 1908. **R**
= **ferruginea** Linnaeus f. var. **ferruginea,** 1781.

magnifica Linden, Cat. Pl. Exot., :2, 1855. non visus, ; Floric. Cab., 23:1855. —Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :249, 1855; Begoniac., :129, 1855. [= *Stibadotheca magnifica* Klotzsch, 1855]. —A. de Candolle, Prodr., 15(1):269, 1864 [= *Casparya ferruginea* A. de Candolle, 1864]. —C. de Candolle, Bull. Herb. Boissier, II, 8:319, 1908. **R**
= **ferruginea** Linnaeus f. var. **ferruginea,** 1781.

maguanensis S.H. Huang & Y.M. Shui, Acta Bot. Yunnanica, 16(4):338, pl. 6, 1994. [***Platycentrum***]. China: Yunnan. Fig. S78, icon (4;53-2c). **N**

mairei Léveillé, Bull. Acad. Inst. Geogr. Bot.,

22:228, 1912. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 6:346, 1927.
= **henryi** Hemsley, 1887.

majungaënsis Guillaumin var. **majungaënsis,** Bull. Mus. Hist. Nat. (Paris), 34:281, 1928. —M. Keraudren–Aymonin, Fl. Madagascar, 144:67, pl. 20, 1983. [***Nerviplacentaria***]. Madagascar. Fig. 30.4.

majungaënsis Guillaumin var. **puberula** Humbert ex M. Keraudren, Fl. Madagascar, 144:70, 1983. Madagascar.

malabarica Lamarck var. **malabarica,** Encyc., 1:393, 1785. India, Ceylon. (Fig. 19.24), Fig. 20.24. **R**
Tsjeria–narinampuli Rheede, 1689.
Diploclinium lindleyanum Wight, 1852.
Mitscherlichia rubrosetulosa Hasskarl, 1858.
fallax A. de Candolle, 1864
malabarica Lamarck var. *rheedii* A. de Candolle, 1864.
rubrosetulosa A. de Candolle, 1864. Fig. 19.24.

malabarica Lamarck var. **hydrophila** C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:655, 1879. India. **R**
tuberosa herb. Wight ex Wallich, 1831, nomen nudum, non Lamarck, 1785.
hydrophila Miquel, 1852.

malabarica A. de Candolle, Prodr., 15(1):392, 1864, non Lamarck, 1785. —J. Doorenbos, Begonian. 67:170, 2000. **N**
=**dipetala** Graham, 1828.

malabarica Lamarck var. *dipetala* Thwaites, Enum. Pl. Zeyl., :128, 1859. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:655, 1979. —Irmscher, Pareys Blumengart., ed. 2, :78, 1960. India.
= **dipetala** Graham, 1828.

malabarica Lamarck var. *rheedii* A. de Candolle, Prodr., 15(1):392, 1864. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:656, 1879. India.
= **malabarica** Lamarck var. **malabarica,** 1785.

malabarica auct. non Lamarck:, 1785, Wallich, Num. List, 129, :no. 3676D, 1831. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:646, 1879.
= **megaptera** A. de Candolle, 1859.

malabarica auct. non Lamarck:, 1785, Roxburgh, Fl. Ind., 3:648, 1832. —A. de Candolle, Prodr., 15(1):399, 1864.
= **roxburghii** A. de Candolle, 1864.

malabarica auct. non Lamarck, 1785, F. Hamilton ex Walpers, Ann. Bot. Syst., 2:650, 1852, pro syn. halmiltoniana Lehmann, 1850. —O.E. Schulz in Urban, Symb. Antil., 7:13, 1911.
= **acutifolia** Jacquin, 1787.

malachosticta Sands, Kew Magazine, 7:61, pl. 145, 1990. [***Petermannia***]. Borneo: Sabah. Fig. S162, icon (21;35-2a). **N**

malindangensis Merrill, Philipp. J. Sci., 6:391, "1911," 1912. [***Petermannia***]. Philippines. Fig. 14.32.

malipoensis S.H. Huang & Y.M. Shui, Acta Bot. Yunnanica, 16(4):333, 1994. [***Diploclinium I***]. China: Yunnan. Fig. S105, icon (9;20-2a). **N**

malmquistiana Irmscher f. **malmquistiana,** Bot. Jahrb. Syst., 50:337, pl. 1, 1913. [***Petermannia***]. New Guinea. Fig. 18.33.

malmquistiana Irmscher f. **angustifolia** Irmscher, Bot. Jahrb. Syst., 50:339, pl. 1E, 1913. New Guinea.

malmquistiana Irmscher f. **latifolia** Irmscher, Bot. Jahrb. Syst. 50:339, pl. 1A, 1913. New Guinea.

malvacea Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :122, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :153, 1855; Begoniac., :33, 1855. —L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 40:245, 1950 [= *patula* Haworth, 1819]. —Irmscher, Bot. Jahrb. Syst., 76:24, 1953.
= **fischeri** Schrank var. **malvacea** (Klotzsch) Irmscher, 1953.

mameiana C. de Candolle, Smithsonian Misc. Collect., 69(12):4, 1919. —Standley, Contr. U.S. Nat. Herb, 27:277, 1928.
= **filipes** Bentham, 1844.

mananjebensis Humbert ex Keraudren-Aymonin & Bosser, Bull. Mus. Hist. Nat. (Paris), III, 47:80, 1972. —M. Keraudren–Aymonin, Fl. Madagascar, 144:37, pl. 10, 1983. [***Quadrilobaria***]. Madagascar. Fig. 4.28.

mangorensis Humbert ex Keraudren-Aymonin & Bosser var. **mangorensis,** Bull. Mus. Hist. Nat. (Paris), III, 47:81, 1972. —M. Keraudren–Aymonin, Fl. Madagascar, 144:89, pl. 28:figs. 7–10, 1983. [***Nerviplacentaria ?***]. Madagascar. Fig. 3.20.

mangorensis Humbert var. **semiglabrescens** Humbert ex Keraudren-Aymonin & Bosser, Bull. Mus. Hist. Nat. (Paris), III, 47:81, 1972. Madagascar.

manhaoensis S.H. Huang & Y.M. Shui, Acta Bot. Yunnanica, 21(1):21, pl.6, figs. 7-8, 1999. [***Platycentrum***]. China: Yunnan. Sine figura, (26;22-1a). **N**

manicata Brongniart var. **manicata,** Herb. Gen. de L'Amateur, 3:pl.46, 1842, non visus. —Lemaire, Hort. Universel, 4:33, pl, 1843. —Cels, J. des Jardins, 1841–2, :104, pl. 32, 1842. —A. de Candolle in Martius, Fl. Bras., 4(1);388, pl. 101, 1861. —Stapf. Bot. Mag., 150:pl. 9055, 1925. [***Gireoudia***]. Mexico. Fig. 29.4, (Fig. 3.2) . **R**
manicata hort. Paris ex Otto & Dietrich, 1843.
lepidota Liebmann, 1853.
schizolepis Liebmann, 1853. Fig. 3.2.
Gireoudia manicata Klotzsch, 1854.
Gireoudia schizolepis (Liebmann) Klotzsch, 1854.
robustior Standley & Williams, 1950.

manicata Brongniart var. **peltata** L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:175, 1961. Guatemala.

manicata Brongniart var. **aureo–maculata** R. Ziesenhenne, Begonian, 55:89, pl, 1988. Mexico. **N**

manicata Brongniart var. **manicativiridi** R. Ziesenhenne, Begonian, 55:89, pl, 1988. Mexico. **N**

manicata Brongniart var. **ocozocoautlaensis** R. Ziesenhenne, Begonian, 55:89, pl, 1988. Mexico. **N**

manicata hort. Paris ex Otto & Dietrich, Allg. Gartenzeitung, 11:35, 1843. —A. de Candolle, Prodr., 15(1):342, 1864. **R**
= **manicata** Brongniart var. **manicata,** 1842.

manillensis A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:129, 1859. [***Diploclinium I***]. Philippines. Fig. 24.41.

mannii J.D. Hooker, Bot. Mag., 90:pl. 5434, 1864. —J..J. de Wilde, Wageningen Univ. Papers, 2001-2:162, pl.17, 2002. [***Tetraphila***]. Guinea to Gabon.. (Fig. 9.17), Fig. 14.20, icon. **R**
epiphytica J.D. Hooker 1871.
excelsa J.D. Hooker 1871.
edulis Gilg ex Engler, 1921, nomen nudum..
ndongensis Engler, 1921. Fig. 9.17

maracayuensis Parodi, Anales Soc. Ci. Argent., 5:209, 1878. [*?*]. Paraguay. Descriptione inchoata.

mariae L.B. Smith, Phytologia, 27:213, pl. 2, 1973. [***Casparya***]. Venezuela. Fig. 26.5.

mariae auct. non L.B. Smith: L.B. Smith & D.C. Wasshausen, Phytologia, 44:237, 1979; in Harling & Andersson, Fl. Ecuador, 25:31, 1986. **N**
= **fuchsiiflora** (A. de Candolle) A. Baranov & F.A. Barkley, 1973.

mariannensis D.C. Wasshausen & T. McClellan, Brittonia, 47(1): 21, pl. 1, 1995. —D.C. Wasshausen, Begonian, 62:117, pls. A,B, 1995. [***Knesebeckia ?***]. Trinidad. Fig. S145, (16;36-1c). **N**

mariti K. Burt-Utley, Brittonia, 42:40, pl. 2, 1990. [***Gireoudia***]. Mexico. Fig S180, icon (25;56-1c). **N**

marnieri M. Keraudren, Fl. Madagascar, 144:64, pl. 19, 1983. [***Nerviplacentaria***]. Madagascar.

Fig. S81, (4;71-2a). **R**

marojejyensis Humbert, Mem. Inst. Sci. Madagascar, Ser. B, Biol. Veg., 6:112, 1955. —M. Keraudren-Aymonin, Fl. Madagascar, 144:60, pl. 17, 1983. [***Erminea***]. Madagascar. Fig. 3.4.

martabanica A. de Candolle var. **martabanica**, Ann. Sci. Nat. Bot., IV, 11:136, 1859. [***Parvibegonia***]. Burma. Fig. 11.4.

martabanica A. de Candolle var. **pseudoclivalis** Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:145, pl. 9, 1929. Malaya.
clivalis Ridley, 1910, pro parte.

martiana Link & Otto, Icon. Pl. Rar., (5):49, pl. 25, 1825. —A. de Candolle, Prodr., 15(1):309, 1864.
= **gracilis** Kunth in Humboldt, Bonpland & Kunth var. **martiana** A. de Candolle, 1864.

martiana auct. non Link & Otto: Schlechtendal, Linnaea, 5:604, 1830. —A. de Candolle, Prodr., 15(1):309, 1864.
= **incarnata** Link & Otto var. **incarnata**, 1829.

martinicensis A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:123, 1859. —O.E. Schulz in Urban, Symb. Antil., 7:21, 1911 [= *macrophylla* Lamarck, 1785]. —J. Golding, Phytologia, 45:246, 1980.
= **obliqua** Linnaeus 1753.

martinii Léveillé, Bull. Soc. Agric. Sarthe, 39:323, 1904, "*martini*." —Irmscher in Handel-Mazzetti, Symb. Sin., 7:388, 1931 [= *sinensis* A. de Candolle, 1859]; Mitt. Inst. Allg. Bot. Hamburg, 10:494, 1939.
= **grandis** Dryander subsp. **sinensis** (A. de Candolle) Irmscher, 1939.

martynia hort. Floric. Cab. & Florist's Mag., 9:259, 1841. Descriptione inchoata.

masarangensis Irmscher, Bot. Jahrb. Syst., 50:368, 1913. [***Petermannia***]. Indonesia: Sulawasi. Fig. 21.45.

mascariensis Bojer, Hortus Maurit., :271, 1837, nomen nudum. —Klazenga, J.J. de Wilde & Quené, Bull. Jard. Bot. Belg., 63:298, 1994 **R**
= **salaziensis** (Gaudichaud) Warburg, 1894.

mascariensis Bojer ex Baker, Fl. Mauritius Seychelles :129, 1877. —Klazenga, J.J. de Wilde & Quené, Bull. Jard. Bot. Belg., 63:299, 1994, dubious name. **N**

masoniana Irmscher var. **masoniana**, Begonian, 26:202,231, 1959. —R. Ziesenhenne, Begonian, 38:52, 1971. [***Coelocentrum***]. China. Fig.S26, (24;89-2), (24;110-3), (26;81-1). **R**

masoniana Irmscher var. **maculata** Shukun Chen, Ruoxian Zheng & Deyun Xia, Acta Botanica Yunnanica, 8(2):222, 1986. China. **N**

matogrossensis L.B. Smith ex S.F. Smith & D.C. Wasshausen, Selbyana 20(1):17, pl.3, 1999. [***Ruizopavonia***]. Brazil. Fig. S141, (15;18-2a). **N**

mattos-silvae L.B. Smith ex S.F. Smith & D.C. Wasshausen, Selbyana 20(1):19, pl.4, 1999. [***Pritzelia***]. Brazil. Fig. S223, (34;27-1a). **N**

maurandiae A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:119, 1859. —L.B. Smith & B.G. Schubert, Caldasia, 4:94, pl. 11, 1946. [***Gobenia***].Colombia, Ecuador. Fig. 3.14, icon. *hederacea* A. de Candolle, 1859.

mauricei R. Ziesenhenne, Begonian, 38:161, pl, 1971. Fig. 16.14. —J.J. de Wilde & J.C. Arends, Acta Bot. Neerl., 28:359, 1979. —J..J. de Wilde, Wageningen Univ. Papers, 2001-2:157, 2002
= **loranthoides** J.D. Hooker subsp. **loranthoides**, 1871.

maxima hort. Berol. ex Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :125, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :223, 1855; Begoniac., :103, 1855, pro syn. *Magnusia maxima* Klotzsch, 1854. —A. de Candolle, Prodr., 15(1):334, 1864 [= *maxima* hort. ex A. de Candolle, 1864]. —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:167, 1961.
= **fusca** Liebmann, 1853.

maxima hort. Schönbr. ex Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :122, 1854, nomen nudum.

maxima hort. ex A. de Candolle, Prodr., 15(1):334, 1864. —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:167, 1961.
= **fusca** Liebmann, 1853.

maxwelliana King, J. Asiat. Soc. Beng., pt. 2, Nat. Hist., 71:66, 1902. [***Platycentrum***]. Malaya. Fig. 24.5.

mayasiana L.B. Smith & B.G. Schubert, Publ. Mus. Hist. Nat. "Javier Prado," Ser. B, Bot., 17:7, pl. 3, 1963. [***Knesebeckia***]. Peru. Fig. 3.36.

maynensis A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:126, 1859. [***Knesebeckia***]. Ecuador, Peru. Fig. 16.8.

mayombensis Irmscher, Bot. Jahrb. Syst., 81:181, 1961, Fig. 2.15. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):249, 1994. **R**
= **lacunosa** Warburg 1894.

mazae R. Ziesenhenne var. **mazae,** Begonian, 14:152, 1947. [***Gireoudia***]. Mexico. Fig. 33.12.

mazae R. Ziesenhenne var. **deminuta** R. Ziesenhenne, Begonian, "48," 47:309, 1980. Mexico **R**

mazae R. Ziesenhenne f. **nigricans** R. Ziesenhenne, Begonian, "48," 47:309, 1980. Mexico. **R**

mazae R. Ziesenhenne f. **viridis** R. Ziesenhenne, Begonian, "48," 47:309, 1980. Mexico **R**

mbangaensis M. Sosef, Wageningen Agric. Univ. Papers, 91(4):133, Fig. 4, "1991," 1992. ; Wageningen Agric. Univ. Papers, 94(1):259, 1994. [***Scutobegonia***]. Cameroon. Fig. S46, icon (2;15-1a). **N**

mearnsii Merrill, Philipp. J. Sci., 6:383, "1911," 1912. [***Petermannia***]. Philippines. Fig. S203, (28;67-2). **R**

media Merrill & Perry, J. Arnold Arbor., 24:54, pl. 6a–c, 1943. [***Petermannia***]. New Guinea. Fig. 21.44.

medusae Linden, Cat., 1861, non visus. Assam.

megacarpa Merrill, Philipp. J. Sci., 9:378, 1914. [***Petermannia***]. Philippines. Fig. 9.21.

megalantha Merrill, Philipp. J. Sci., 10:47, 1915. [***Petermannia***]. Philippines. Fig. 19.28.

megalophyllaria C.Y. Wu, Acta Phytotax, Sin., 33(3):272, pl. 18,1995. [***Platycentrum*** ?]. China: Yunnan. Fig. S89, icon (7;1-1a). **N**

megaphylla A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:133, 1859. —L.B. Smith & B.G. Schubert, Contr. Gray Herb., 154:28, 1945.
= **barkeri** Knowles & Wescott, 1840.

megaptera A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:134, 1859. [***Platycentrum***]. Nepal, China. Fig. 34.11. **R**
malabarica auct. non Lamarck: Wallich, 1831.

megaptera auct. non A. de Candolle, Yü in Bull. Fan. Mem. Inst. Biol. 1(2):122, 1948, quoad F. T. Wang 2523. —S.H. Huang, & Y.M. Shui, Acta Bot. Yunnanica, 21(1):18, 1999 **N**.
= **psilophylla** Irmscher, 1951.

megapteroidea King, J. Asiat. Soc. Beng., pt. 2, Nat. Hist., 71:65, 1902. —Koorders, Exkurs.-Fl. Java, 2:649, 1912 [= *muricata* Blume, 1827]. —Ridley, Fl. Malay Penins., 1:862, 1922. **R**
= **venusta** King, 1902.

meisneri Wallich, Num. List, 129, :no. 6294, 1832, nomen nudum. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:645, 1879 [= *rubrovenia* W.J. Hooker var. *meisneri* C.B. Clarke, 1879]. —J. Golding, Phytologia, 40:19, 1978.
= **hatacoa** F. Hamilton ex D. Don var. **meisneri** (C.B. Clarke) J. Golding, 1978.

melikopia Kiew, Gardens' Bull. Singapore 53:277, 2001. [***Petermannia***]. Borneo: Sabah. Editus sero pro clave. **N**

membranacea A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:139, 1859. [***Pritzelia***]. Brazil. Fig. 22.38.

mengtzeana Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:536, 1939. [***Platycentrum***]. China. Fig. 4.57.

meridensis A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:123, 1859; Prodr., 15(1):292, 1864. [***Ruizopavonia***]. Venezuela. Fig. 20.2.
moritziana Klotzsch, 1854. nec Kunth & Bouché, 1849, nec Klotzsch, 1855, nomen nudum.
Wageneria moritziana Klotzsch, 1854, nomen nudum.

merrillii Warburg in Perkins, Fragm. Fl. Philipp., :53, 1904. —Merrill, Philipp. J. Sci., 6:394, "1911," 1912.
= **nigritarum** (Kamel) Steudel, 1821.

merrittii Merrill, Philipp. J. Sci., 5:365, 1910. [***Petermannia***]. Philippines. Fig. 27.8.

metachroa Fotsch, Begonien, :41, pl. 2, 1933, [a hybrid cultivar fide J. Doorenbos in litteris to J.G. July, 19, 1976] **R**
involucrata Liebmann var. *purpurascens* hort. ex Fotsch, 1933.

metallica W.G. Smith, Fl. Mag. (London), :pl. 197, 1876. —Weber & Dress, Baileya, 16:124, pl. 4, 1968. [***Pritzelia***]. [perhaps a cultivar ?] Brazil. Fig. 4.18.

mexera hort, Floric Cab. & Florist's Mag., 11:65, 1843. [*?*] Descriptione inchoata.

mexiae Standley, Field Mus. Nat. Hist., Bot. Ser., 4:237, 1929. [*?*]. Fig. S166, (22;48-1a). **R**

mexicana Karsten ex Fotsch, Begonien, :27, pl. 7, 1933. [***Weilbachia***]. Mexico. Descriptione inchoata.

meyeniana Walpers, Nov. Actorum Acad. Caes. Leop.–Carol, Nat. Cur., 16, suppl., 2(19, suppl. 1):409, 1843. —O.E. Schulz in Urban, Symb. Antil., 7:27, 1911. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,468, 1984.
= **humilis** Dryander var. **humilis,** 1789.

meyeri Otto & Dietrich, Allg. Gartenzeitung, 4:349, 1836. —Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :123, 1854 [= *Gurltia meyeri* Klotzsch, 1854]. — A. de Candolle in Martius, Fl. Bras., 4(1):376, 1861.
= **tomentosa** Schott var. **eriocaulis** A. de Candolle, 1861.

meyeri W.J. Hooker, Bot. Mag., 70:pl. 4100, 1844, non Otto & Dietrich, 1836. "*meyerii.*" Fig. 2.43, icon. —Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :189, 1855; Begoniac., :69, 1855 [= *Rachia meyeri* Klotzsch, 1855]. —J. Doorenbos, Begonian, 41:168, 1974.
= **sunorchis** C. Chevalier, 1938.

meyeri–johannis Engler, Abh. Königl. Akad. Wiss. Berlin, 2:305, 1892. —Klazenga, J.J. de Wilde & Quené, Bull. Jard. Bot. Belg., 63:278, Fig. 4, 1994. [***Mezierea***]. Zaire, Rwanda, Burundi, Uganda, Kenya & Tanzania. Fig. 12.8. **R**

meyeri–johannis auct. non Engler: Robyns, Fl. Sperm. Parc. Nat. Albert, 18:644, 1947, pro parte. —Wilczek, Fl. Congo, Rwanda, Burundi, :47, 1969.
= **wollastonii** E.G. Baker, 1908.

meysselliana Linden, Ill. Cat., 112:1, 1883. [*?*. Indonesia: Sumatra. Descriptione inchoata.

michoacana L.B. Smith & B.G. Schubert, Contr. Gray Herb., 165:94, 1947. [***Knesebeckia***]. Mexico. Fig. 27.15.

micrantha Steudel, Nom. Bot., ed. 2, 1:194, 1840, nomen nudum. —A. de Candolle, Prodr., 15(1):370, 1864. **R**
= **parviflora** Poeppig & Endlicher, 1835.

micranthera Grisebach var. **micranthera,** Abh. Königl. Ges. Wiss. Gottingen, 19:148, 1874. —L.B. Smith & B.G. Schubert, Darwiniana, 5:90, pl. 4, 1941. [***Eupetalum***]. Argentina, Bolivia. Fig. 28.33.

micranthera Grisebach var. **fimbriata** L.B. Smith & B.G. Schubert, Darwiniana, 5:98, pl. 9, 1941. Bolivia.

micranthera Grisebach var. **foliosa** L.B. Smith

& B.G. Schubert, Darwiniana, 5:92, pl. 5, 1941. Argentina.

micranthera Grisebach var. **hieronymi** (Lindau) L.B. Smith & B.G. Schubert, Darwiniana, 5:96, pl. 7, 1941. Argentina.
hieronymi Lindau, 1894.
coriacea auct. non Hasskarl: Grisebach, 1879.

micranthera Grisebach var. **nana** L.B. Smith & B.G. Schubert, Darwiniana, 5:94, pl. 6, 1941. Argentina.

micranthera Grisebach var. **rhacophylla** (Irmscher) L.B. Smith & D.C. Wasshausen, Phytologia, 54,467, 1984; Phytologia, 55:112, 1984. Argentina.
hieronymi Lindau var. *rhacophylla* Irmscher, 1949.

micranthera Grisebach var. **venturii** L.B. Smith & B.G. Schubert, Darwiniana, 5:97, pl. 8, 1941. Argentina, Bolivia.

microcarpa A. de Candolle, Prodr., 15(1):311, 1864. —L.B. Smith & B.G. Schubert, Caldasia, 4:83, pl. 9, 1946. —L.B. Smith & D.C. Wasshausen, in Harling & Andersson, Fl. Ecuador. 25:53, 1986. [***Knesebeckia***]. Ecuador. Fig. 32.32. **R**
microcarpa A. de Candolle var. *acuta* L.B. Smith & B.G. Schubert, 1946.
microcarpa A. de Candolle var. *villosa* L.B. Smith & B.G. Schubert, 1946.

microcarpa A. de Candolle var. *acuta* L.B. Smith & B.G. Schubert, Caldasia, 4:83, pl. 9, 1946. —L.B. Smith & D.C. Wasshausen, in Harling & Andersson, Fl. Ecuador, 25:53, 1986. **R**
= **microcarpa** A. de Candolle, 1864.

microcarpa A. de Candolle var. *villosa* L.B. Smith & B.G. Schubert, Caldasia, 4:84, pl. 9, 1946. —L.B. Smith & D.C. Wasshausen, in Harling & Andersson, Fl. Ecuador, 25:53, 1986. **R**
= **microcarpa** A. de Candolle, 1864.

microphylla A. de Candolle, Prodr., 15(1):375, 1864, non Willdenow ex Klotzsch, 1855. — L. Dorr, Harvard Papers in Bot. 4(1):261, 1999. Fig. 18.2 **R**
= **foliosa** Kunth in Humboldt, Bonpland & Kunth var. **microphylla** (Klotzsch) L. Dorr, 1999.

microphylla A. de Candolle var. *major* L.B. Smith, Phytologia, 33:441, 1976.— L. Dorr, Harvard Papers in Bot. 4(1):260, 1999. **R**
= **foliosa** Kunth in Humboldt, Bonpland & Kunth var. **major** (L.B. Smith) L. Dorr, 1999.

microphylla herb. Willdenow ex Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :182, 1855; Begoniac., :62, 1855, pro syn. *Lepsia foliosa* (Kunth in Humboldt, Bonpland & Kunth) Klotzsch, 1855. —A. de Candolle, Prodr., 15(1):375, 1864.
= **foliosa** Kunth in Humboldt, Bonpland & Kunth var. **foliosa**, 1825.

microptera W.J. Hooker, Bot. Mag., 83:pl. 4974, 1857. [*?*]. Borneo. Fig. 20.38, icon.

microsperma Warburg, Bot. Jahrb. Syst. 22:42, 1895. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):166, fig. 16.8, 1994. [***Loasibegonia***]. Cameroon. (Fig. 2.5), Fig. 2.60. **R**
ficicola Irmscher, 1954. Fig. 2.5.

mildbraedii Gilg in Mildbraed, Wiss. Erg. Deut. Zentr. Afr. Exp. Bot., 2:574, 1913. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):259, fig. 17.13, 1994. [***Scutobegonia***]. Ivory Coast, Ghana, Cameroon. Gabon, Angola (Cabinda) Congo, Zaire. **R**
calabarica auct. non Warburg: Wilczek, 1969.
quadrialata auct. non Warburg: De Wildeman, 1908

militaris L.B. Smith & B.G. Schubert, Contr. Gray Herb., 154:24, pl. 2, 1945. [*?*]. Guatemala. Fig. 3.5.

mindanaensis Warburg in Perkins, Fragm. Fl. Philipp., :55, 1904. [***Petermannia***]. Philippines. Fig. 21.2.

mindorensis Merrill, Philipp. J. Sci., 6:396, "1911," 1912. [***Diploclinium I***]. Philippines.

Fig. 26.27, (26.27).
sordidissima Elmer, 1915. Fig. 26.27.

miniata Planchon & Linden, Fl. Serres Jard. Eur., I, 8:105, pl. 787, 1853. —A. de Candolle, Prodr., 15(1):291, 1864 [= *fuchsioides* W.J. Hooker var. *miniata* A. de Candolle, 1864]. —L.B. Smith & D.C. Wasshausen, Fl. Venezuela, 4(1):36, 1989, [= fuchsioides W.J. Hooker, 1847]. — L. Dorr, Harvard Papers in Botany, 4(1):262, 1999. **R**
= **foliosa** Kunth in Humboldt, Bonpland & Kunth var. **miniata** (Planchon) L.B. Smith & B.G. Schubert, 1946.

minicarpa H. Hara, J. Jap. Bot., 47:112, pl. 2, 1972. [***Diploclinium II***].Nepal. Fig. 12.7. **R**
parviflora F. Hamilton ex Wallich, 1831, nomen nudum.
parviflora Schott ex Steudel, 1840, nomen nudum.
wallichiana Steudel, 1840, nomen nudum.
Doratometra wallichiana (Steudel) Klotzsch, 1854.
modestiflora auct. non Kurtz: C.B. Clarke 1879, quoad pl. ex Nepal.

minima Beddome, Madras J. Lit. Sci., III, 1:48, pl. 15, 1864; Icon. Pl. Ind. Or., 1:23, pl. 110, 1874. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:651, 1879.
= **crenata** Dryander, 1791.

minjemensis Irmscher, ot. Jahrb. Syst., 50:375, pl. 4, 1913. [***Diploclinium III***]. New Guinea. Fig. 8.42, icon.

minor Jacquin, Coll., 1:126, "1786," 1787; Icon. Pl. Rar., 3(5):18, pl. 618, "1786–1793," 1790. [***Begonia***]. Jamaica. Fig. 30.24, icon (30.24, icon) . **R**
nitida Dryander in Aiton, 1789. Fig. 30.24, icon.
nitida Dryander var. *discolor* Otto & Dietrich, 1836.
lucida Paxton, 1847.
nitida Dryander in Paxton's, 1847.
nitida Dryander var. *speciosa* Regel, 1856.
speciosa hort. Berol. ex Klotzsch, 1856.
pulchra herb. Schreb. ex A. de Candolle, 1864.
speciosa hort. Van Houtte ex A. de Candolle, 1864.
obliqua auct. non Linnaeus: l'Héritier, 1788.
obliqua auct. non Linnaeus: Schneevoogt, 1793.
suaveolens auct. non Loddiges: Klotzsch, 1855
obliqua auct. non Linnaeus: Klotzsch, 1856..

minuta M. Sosef, Wageningen Agric. Univ. Papers, 91(4):135, Fig. 5, "1991," 1992; Wageningen Agric. Univ. Papers, 94(1):170, fig. 16.9, 1994. [***Loasibegonia***]. Cameroon. Fig. S42, (2;5-1a). **N**

minutifolia N. Hallé, Adansonia, II, 12:371, pl. 7, 1972. [***Filicibegonia***]. Gabon. Fig. 6.18.

miranda Irmscher, Notes Roy. Bot. Gard. Edinburgh, 21:36, 1951. [***Diploclinium II***]. China. Fig. 4.36.

modesta Liebmann, Vid. Medd. Naturh. F. Kjöbenhavn 1852, :20, 1853. —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:166, 1961 [= *franconis* Liebmann, 1853]. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:443, 1983; Phytologia, 55:112, 1984.
= **wallichiana** Lehmann, 1850, non Steudel, 1840.

modestiflora Kurz, Flora, 54:296, 1871. —H. Hara, J. Jap. Bot., 47:133, 1972. [***Diploclinium II***]. Burma. Fig. 27.17.

modestiflora auct. non Kurtz: C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:640, 1879, quoad pl. ex Nepal. —H. Hara, J. Jap. Bot., 47:112, 1972.
= **minicarpa** H. Hara, 1972.

modica Stapf, Bull. Misc. Inform., :259, 1908. —Engler, Veg. Erde, 9(3.2):617, 1921 [= *whytei* Stapf, 1905], —Keay in Hutchinson & Dalziel, Fl. W. Trop. Afr., ed. 2, 1:218, 1954. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):186, 1994. **R**
= **quadrialata** Warburg subsp. **quadrialata** var **quadrialata** M. Sosef, 1994.

molinana K. Burt–Utley, Phytologia, 54:486, pl. 1, 1984. [***Knesebeckia ?***]. Honduras. Fig.

S213, icon (32;21-1a). **R**

molleri C.. de Candolle) Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):141, 1894.—J.J. de Wilde, Wageningen Univ. Papers, 2001-2:171, pl.18, 2002. [***Tetraphila***]. São Tomé. Fig. 16.28.
Mezierea molleri C. de Candolle, 1892.

mollicaulis Irmscher, Webbia, 12:507, 1957; Pareys Blumengart., ed. 2, :87, 1960. [***Begonia***]. South America. Fig. 31.23.

mollis A. de Candolle, Prodr., 15(1):391, 1864. [***Reichenheimia I***]. Indonesia. Fig. 2.37.
Empetrum acetosum Rumphius f. *cordifolium* Rumphius, 1747.
repens Blume, 1827, non Lamarck, 1785.
Diploclinium repens (Blume) Miquel, 1856.
Scheidweileria repens Hasskarl, 1858.
Mitscherlichia repens Miquel, 1861.
saxatilis Reinwardt ex Koorders, 1912, non Blume, 1827.

monadelpha Ruiz & Pavon ex A. de Candolle var. **monodelpha**, Prodr., 15(1):286, 1864. [***Barya***]. Peru. Fig. 4.47, non typus.
monadelpha Ruiz ex Klotzsch, 1854.
Barya monadelpha Ruiz ex Klotzsch, 1854.

monadelpha Ruiz & Pavon ex A. de Candolle subsp. **glabriflora** Irmscher, Bot. Jahrb. Syst., 76:73, 1953. Peru.

monadelpha Ruiz ex Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :122, 1854, pro syn. *Barya monadelpha* Klotzsch, 1854. —A. de Candolle, Prodr., 15(1):286, 1864.
= **monadelpha** Ruiz & Pavon ex A. de Candolle var. **monadelpha**, 1864.

monantha Warburg in Schumann & Lauterbach, Fl. Deutsch. Schutzgeb. Südsee, :322, 1905. —Irmscher, Bot. Jahrb. Syst., 50:573, pl.4:figs. 24a-c, 1914. [***Petermannia***]. New Guinea. Fig. S153, (18;26-2). **R**

monicae Aymonin & Bosser, Fl. Madagascar, 144:19, pl. 3:fig. 1, 1983. [***Erminea***]. Madagascar. Fig. S83, (5;17-1a). **R**

monophylla Pavon ex A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:121, 1859. [***Eupetalum*** ?]. Mexico. Fig. 7.9.
unifolia Rose ex Trelease, 1904.

monophylla Pourr. ex A. de Candolle, Prodr., 15(1):403, 1864, non **Begonia** sed **Orchidacea**.

monoptera Link & Otto, Icon. Pl. Rar., (3):27, pl. 14, 1828. —W.J. Hooker, Bot. Mag., 64:pl. 3564, 1837. —C. Karegeannes, Begonian, 50:9, 1983.
= **balmisiana** Balmis var. **balmisiana**, 1794.

montana (A. de Candolle) Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894. — L. Dorr, Harvard Papers in Botany, 4(1):264, 1999. [***Casparya***]. Venezuela. Fig. 14.26, (Fig. 20.43, icon), (Fig. 29.21). **N**
Casparya montana A. de Candolle, 1859.
trapa L.B. Smith & B.G. Schubert var. *trapa*, 1945, Fig 20.43, icon.; Fig. 29.21.
gehrigeri L.B. Smith, 1973.

monterosae A. Chevalier, Sudania, II:51, 1914, nomen nudum, non visus. —Exell, Cat. Vas. Pl. S. Tomé, :187, 1944.
= **annobonensis** A. de Candolle, 1859.

monticola C. de Candolle, Bull. Herb. Boissier, II, 8:325, 1908. — L.B. Smith & B.G. Schubert, Caldasia, 4:34, 1946.
= **urticae** Linnaeus f., 1781.

monticola Ridley, J. Fed. Malay States Mus., 5:34, 1914, non C. de Candolle, 1908.
= **alpina** L.B. Smith & D.C. Wasshausen, 1984.

montis-bismarckii Warburg in Schumann & Lauterbach, Fl. Deutsch. Schutzgeb. Südsee, :322, 1905. [***Petermannia***]. New Guinea. Fig. 18.23. **R**

montis-elephantis J..J. de Wilde, Wageningen Univ. Papers, 2001-2:260, fig.1, pl. 1a, 2a, 2002. [***Scutobegonia***]. Cameroon. Editus sero pro clave. **N**

morelii Irmscher ex C. Karegeannes, Begonian, 43:26, 1976. [***Reichenheimia III***]. Fig. 8.43.
morelii Irmscher, 1962, nomen nudum.

morelii Irmscher, Begonian, 29:47, 56, 1962, nomen nudum. —C. Karegeannes, Begonian, 42:295, 1975.
= **morelii** Irmscher ex C. Karegeannes, 1976.

morifolia Te–Tsun Yü, Bull. Fan. Mem. Inst. Biol., n.s.,1:119, 1948. [***Diploclinium II***]. China. Sine figura, (28;12-1). **R**

morii K. Burt–Utley, Brittonia, 34:192, pl. 3, 1982. [***Gireoudia***] Panama. Fig. 22.41.

moritziana Kunth & Bouché Ind. Sem. hort. Berol. 1848 Coll., :16, 1849. —A. de Candolle, Prodr., 15(1):362, 1864 [= *scandens* Swartz, 1788]. —O.E. Schulz in Urban, Symb. Antil., 7:5, 1911.
= **glabra** Aublet var. **glabra,** 1775.

moritziana Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :122, 1854. nec Kunth & Bouché, 1849, nec Klotzsch, 1855, nomen nudum. —A. de Candolle, Prodr., 15(1):292, 1864.
= **meridensis** A. de Candolle, 1859.

moritziana Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :151, 1855; Begoniac., :31, 1855. —A. de Candolle, Prodr., 15(1):303, 1864 [= *tovarensis* Klotzsch, 1855]. —L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 40:245, 1950 [= *patula* Haworth, 1819]; Ann. Missouri Bot. Gard., 45:57, 1958 [= *fischeri* Schrank var. *tovarensis* Irmscher, 1953] —L.B. Smith & D.C. Wasshausen, Phytologia, 54,469, 1984.
= **fischeri** Schrank var. **fischeri,** May 1820.

morsei Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:554, 1939. [***Coelocentrum***]. China. Fig. 24.33.

moszkowskii Irmscher, Bot. Jahrb. Syst., 50:341, 1913. [***Petermannia***]. New Guinea. Fig. 18.36.

mouhotiana Hosseus, Bot. Centralbl., 28:415, 1911, nomen nudum, Siam.

moulmeinensis C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:643, 1879. [***Diploclinium III***]. Burma. Fig. 8.11.

moysesii Brade, Arq. Bot. Estado São Paulo, n.s., 3:209, pl. 52, 1958. [***Pritzelia***]. Brazil. Fig. 34.5, icon.

mucronistipula C. de Candolle, Smithsonian Misc. Collect., 69(12):3, 1919. [***Gireoudia ?***]. Panama. Fig. S173, (24;34-2), it replaces Fig. 24.15, that photo is of **brevicyma**. **R**

muliensis Te–Tsun Yü, Bull. Fan. Mem. Inst. Biol., n.s., 1:119, 1948. [***Diploclinium III***]. China. Fig. 5.4. **R**

multangula Blume var. **multangula,** Enum. Pl. Javae, 1:96, 1827. —A. de Candolle, Prodr., 15(1):275, 1864 [= *Casparya multangula* (Blume) A. de Candolle, 1864]. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894. [***Sphenanthera***]. Indonesia: Java. Fig. 4.16.
Platycentrum multangulum (Blume) Miquel, 1856.
robusta Zollinger ex Klotzsch, 1857, non Blume, 1827.
Sphenanthera multangula Klotzsch, 1857.
Casparya multangula (Blume) A. de Candolle, 1864
discolor auct. non R. Brown, nec Sprengel: Blume, 1827..
grandis auct. non Dryander: Reinwardt ex Koorders, 1912.

multangula Blume var. **glabrata** Miquel, Fl. Jungh., 4:418, "1855," 1857. —A. de Candolle, Prodr., 15(1):275, 1864 [= *Casparya multangula* (Blume) A. de Candolle var. *glabrata* A. de Candolle, 1864]. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894. Indonesia: Java. **R**
Platycentrum multangulum (Blume) Miquel var. *glabrata* Miquel, 1856.
Sphenanthera multangula Klotzsch var. *glabrata* (Miquel) Klotzsch, 1857.
Casparya multangula (Blume) A. de Candolle var. *glabrata* A. de Candolle, 1864.

multibulbillosa Martius ex Steudel, Nom. Bot., ed 2, 1:194, 1840, nomen nudum. Brazil.

multidentata Warburg in Schumann &

Lauterbach, Fl. Deutsch. Schutzgeb. Südsee, :322, 1905. [***Petermannia***]. New Guinea. Fig. 19.3. **R**

multiflora Bentham, Pl. Hartw., :185, 1845. [***Ruizopavonia***]. Colombia. Fig. 17.32. — L. Dorr, Harvard Papers in Botany, 4(1):261, 1999
= **foliosa** Kunth in Humboldt, Bonpland & Kunth var. **miniata** (Planchon) L.B. Smith & B.G. Schubert. L. Dorr, 1999.

multinervia Liebmann, Vid. Medd. Naturh. F. Kjöbenhavn 1852, :18, 1853. —J. Golding, Phytologia, 40:457, 1978. [***Gireoudia***]. Costa Rica, Panama. Fig. 32.27.
Gireoudia multinervia (Liebmann) Klotzsch, 1854.
cuspidata C. de Candolle, 1896.
glandulosa auct. non W.J. Hooker: A. de Candolle, 1864.

multistaminea K. Burt–Utley, Brittonia, 35:115, pl.2, 1983. [***Gireoudia***]. Mexico. Fig. S181, icon (25;53-1b). **N**

muricata Blume, Catalogus, :103, 1823; Enum. Pl. Javae, 1:95, 1827. [***Reichenheimia I***]. Indonesia. Fig. 22.13, icon. **R**
Empetrum acetosum Rumphius f. *album* Rumphius, 1747.
Empetrum acetosum Rumphius f. *rubrum* Rumphius, 1747
tuberosa Lamarck, 1785, nomen superfluum.
rubra Blume, 1827.
saxatilis Blume, 1827.
Diploclinium rubrum (Blume) Miquel, 1856.
Diploclinium saxatile (Blume) Miquel, 1856.
Diploclinium tuberosum Blume, 1856.
Sphenanthera robusta Hasskarl var. *rubra* Hasskarl, 1858.
Casparya robusta (Hasskarl) A. de Candolle var. *rubra* A. de Candolle, 1864.
robusta Blume var. *rubra* (A. de Candolle) Warburg 1894.
forbesii Vuijck ex Koorders, 1912.
rumphii Vuijck ex Koorders, 1912.

muricata Scheidweiler, Allg. Gartenzeitung, 9:156, 1841. non Blume, 1823. —Walpers, Repert. Bot. Syst., 2:209, 1843.
= **pentaphylla** Walpers, 1843.

murina Craib, Gard. Chron., III, 83:66, 1928. [***Diploclinium II***]. Siam. Fig. 32.16.

muroptera hort, Horticulturist, 14:418, 1857, non visus.

murudensis Merrill, Sarawak Mus. J., 3:530, 1928. [***Petermannia***]. Borneo: Sarawak. Fig. S32, (27;59-2). **R**

mutabilis Harland, J. Roy. Hort. Soc., 1862, non visus. [*?*].

myriantha Britton, Bull. Torrey Bot. Club, 18:35, 1891. —L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:196, 1941.
= **parviflora** Poeppig & Endlicher, 1835.

mystacina L.B. Smith & D.C. Wasshausen, Phytologia, 54,469, 1984. [***Petermannia***]. New Guinea. Fig. S22, (21;107-1). **R**
richardsoniana Merrill & Perry, 1943, non Houllet, 1872.

nana l'Héritier, Stirp. Nov., 4:99, pl. 48, 1788. [***Erminea***]. Madagascar. Fig. 13.14. (Fig. 13.16). **R**
warpurii Hemsley, 1901. Fig. 13.16.

napoensis L.B. Smith & D.C. Wasshausen in Harling & Andersson, Fl. Ecuador, 25:63, pl. 17, 1986. [***Semibegoniella***]. Ecuador. Fig. S149, (17;8-1a). **N**

natalensis W.J. Hooker, Bot. Mag., 81:pl. 4841, 1855. —Hilliard in Ross, Fl. South Afr., 22:142, 1976.
= **dregei** Otto & Dietrich var. **dregei**, 1836.

naumoniensis Irmscher, Bot. Jahrb. Syst., 50:362, pl. 3, 1913. [***Petermannia***]. New Guinea. Fig. 18.13, icon.

ndongensis Engler, Veg. Erde, 9(3.2):619, 1921. —Doorenbos, Sosef & de Wilde, Wageningen Agric. Univ. Papers, 98(2):246, 1998..—J.J. de Wilde, Wageningen Univ. Papers, 2001-2:164, 2002. Cameroon. Fig. 9.17. **R**

= **mannii** J.D. Hooker, 1854.

neglecta A. de Candolle var. **neglecta**, Ann. Sci. Nat. Bot., IV, 11:136, 1859; in Martius, Fl. Bras., 4(1):372, pl. 95:fig. 2, pl. 97:fig. 1, 1861. —Wawra, Bot. Ergebn., :52, pl. 7, 1866. [***Pritzelia***]. Brazil. Fig. 24.31.

neglecta A. de Candolle var. **caulescens** A. de Candolle in Martius, Fl. Bras., 4(1):372, 1861. Brazil.

negrosensis Elmer, Leafl. Philipp. Bot., 2:736, 1910. [***Petermannia***]. Philippines. Fig. 30.52.

nelumbiifolia Schlechtendal & Chamisso, Linnaea, 5:604, 1830. [***Gireoudia***]. Mexico to Colombia. Fig. 2.27.
deryckxiana Lemaire, 1844.
hernandiifolia hort. Berol. ex Klotzsch, 1854, non W.J. Hooker, 1852.
Gireoudia nelumbiifolia (Schlechtendal & Chamisso) Klotzsch, 1854.
peltata Sessé & Mociño 1894, non Otto & Dietrich, 1841.
caudilmba C. de Candolle, 1919.

nemophila Kurz, J. Asiat. Soc. Beng., 46(2):108, 1877. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:646, 1879.
= **cathcartii** J.D. Hooker & Thomson, 1855.

nemoralis L.B. Smith & B.G. Schubert, Contr. Gray Herb., 165:93, 1947. [***Knesebeckia***]. Mexico. Fig. 28.38.

neococcinea (Ruiz & Pavon) Van den Heede, Les Begonia, :86, 1903, nomen nudum.

neocomensium A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:138, 1859. [***Pritzelia***]. Brazil. Fig. 31.9.

neoharlingei L.B. Smith & D.C. Wasshausen, Begonian, 52:11, pl, 1985; in Harling & Andersson, Fl. Ecuador, 25:55, pl. 12, 1986. [***Eupetalum***]. Ecuador. Fig. S202, (28;29-2a). **R**.

neoperrieri Humbert ex Keraudren-Aymonin & Bosser, Bull. Soc. Bot. France, 118:741, pl. 3:figs 11–13, "1971," 1973. [***Quadrilobaria***]. Madagascar. Fig. 7.4.

neopurpurea L.B. Smith & D.C. Wasshausen, Phytologia, 52:445, 1983. [***Diploclinium I ?***]. Philippines. Fig. 26.1.
purpurea Elmer, 1939, non Swartz, 1788.

nepalensis (A. de Candolle) Warburg var. **nepalensis**, in Engler & Prantl, Nat. Pflanzenfam., 3(6A):142, 1894. [***Monopteron***]. Nepal. Fig. S218, (32;84-2). **R**
gigantea Wallich, no. 3677, 1831, pro parte, nomen nudum.
Mezierea nepalensis A. de Candolle, 1864.

nepalensis (A. de Candolle) Warburg var. **micropteron** (A. de Candolle) J. Doorenbos, Check List Begonia Sp., :35, 1971, ined. —J. Doorenbos ex F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2, :85, 1974. India: Sikkim.
Mezierea nepalensis A. de Candolle var. *micropteron* A. de Candolle, 1864.

nevadensis L. Dorr, Harvard Papers in Botany, 4(1):264, 1999. [***Casparya***] Venezuela. Fig S174, (24; 81-1a). **N**
trapa L.B. Smith & B.G. Schubert var. *pilosa* L.B. Smith & D.C. Wasshausen, 1984.

nervidens Irmscher, Bot. Jahrb. Syst., 74:614, 1949. —L.B. Smith & D.C. Wasshausen, Phytologia, 44:244, 1979.
= **parcifolia** C. de Candolle, 1919.

nervipilosa F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2, :85, 1974, sphalmate pro **gracilis** Humboldt, Bonpland & Kunth var. **nervipilosa** A. de Candolle, 1864.

nervosa hort. Paris ex Kunth in Humboldt, Bonpland & Kunth, Nov. Gen. Sp., 7:folio 136, quarto 177, 1825, nomen nudum.

nervosa Desfontaines ex Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :122, 1854, pro syn. **cucullata** Willdenow, 1805. —J. Golding, Phytologia, 50:349, 1982.
= **cucullata** Willdenow var. **spatulata** (Loddiges) J. Golding, 1982.

nicaraguensis Standley, Field Mus. Nat. Hist., Bot. Ser., 4:237, 1929. —K. Burt–Utley, Phytologia, 54:488, 1984.
= **sericoneura** Liebmann, 1853.

nicolai–hallei Wilczek, Bull. Jard. Bot. Nat. Belg., 39:86, 1969. —L.B. Smith, D.C. Wasshausen, J. Golding, & C. Karegeannes, Smithsonian Contr. Bot., 60:381, Fig. 14.13, 1986. —J.C. Arends, Wageningen Agric. Univ. Papers, 91(6):196, 1992. —J..J. de Wilde, Wageningen Univ. Papers, 2001-2:146, 2002. **R**
= **longipetiolata** Gilg, 1904.

nigrescens Van Houtte ex Otto, Hamburger Garten–Blumenzeitung, 8:9. 1852. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:469, 1984.
= **heracleifolia** Schlechtendal & Chamisso var. **heracleifolia,** 1830.

nigricans hort. Berol. ex Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :215, 1855; Begoniac., :95, 1855, pro syn. *Gireoudia heracleifolia* (Schlechtendal & Chamisso) Klotzsch var. *punctata* Klotzsch, 1855. —A. de Candolle, Prodr., 15(1):335, 1864. **R**
= **heracleifolia** Schlechtendal & Chamisso var. **punctata** F. Cels, 1842.

nigricans L.H. Bailey, Gentes Herb., 1:127, 1923. Descriptione inchoata. **R**
subpetala nigricans hort. ex L.H. Bailey, 1923.

nigritarum (Kamel) Steudel, Nom. Bot., 1:104, 1821. [***Diploclinium I***]. Philippines. (Fig. 23.26, icon)
Acetosa nigritarum Kamel 1704.
capensis Blanco, 1837, non Linnaeus f., 1781. Fig. 23.28, icon.
rhombicarpa A. de Candolle, 1859.
rhombicarpa A. de Candolle var. *lobbii* A. de Candolle, 1864.
merrillii Warburg 1904.

nigrovenia hort. Linden ex W.J. Hooker, Bot. Mag., 87:pl. 5256, 1861, pro syn. **glandulosa** W.J. Hooker, 1861. —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:178, 1961. —J. Golding, Phytologia, 40:456, 1978, [= **pinetorum** A. De Candolle, 1859, sphalmate]. —K. Burt–Utley, Brittonia, 36:233, 1984. —J. Golding, Begonian, 57:62, 1990. **R**
= **glandulosa** W.J. Hooker, 1861.

nigrovenia Regel, Gartenfl., 16:163, pl. 456, 1867. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:445, 1983 [= **pinetorum** A. de Candolle, 1859, sphalmate]. —K. Burt–Utley, Brittonia, 36:233, 1984. —J. Golding, Begonian, 57:62, 1990. **R**
= **glandulosa** W.J. Hooker, 1861.

nitida Dryander in Aiton, Hort. Kew, 3:352, 1789. —O.E. Schulz in Urban, Symb. Antil., 7:10. 1911.
= **minor** Jacquin, 1787.

nitida Wikstrom, Guadel, in Königl. Vetensk. Akad. Handl., :76, 1827, non Dryander in Aiton, 1789. —O.E. Schulz in Urban, Symb. Antil., 7:19, 1911. **R**
= **odorata** Willdenow, 1813.

nitida Dryander var. *discolor* Otto & Dietrich, Allg. Gartenzeitung, 4:354, 1836. —O.E. Schulz in Urban, Symb. Antil., 7:10. 1911.
= **minor** Jacquin, 1787.

nitida Dryander in Paxton's, Mag. Bot., 13:77, pl. 1847, nomen iconis sphalmate *lucida,* non **odorata** Willdenow, 1813. —O.E. Schulz in Urban, Symb. Antil., 7:10. 1911.
= **minor** Jacquin, 1787.

nitida Dryander var. *speciosa* Regel, Ind. Sem. Hort. Petrop., ;34, 1856. —O.E. Schulz in Urban, Symb. Antil., 7:10, 1911.
= **minor** Jacquin, 1787.

nitida Grisebach, Syst. Veg. Karaiben., :221, 1857, non visus, quoad pl. Barth., non Dryander, 1789. —O.E. Schulz in Urban, Symb. Antil., 7:20, 1911.
= **retusa** O.E. Schulz 1911.

nitida Dryander var. *pilosula* A. de Candolle, Prodr., 15(1):294, 1864. —J. Golding & C. Karegeannes, Phytologia, 54:497, 1984.
= **obliqua** Linnaeus 1753.

nivea Parish ex Kurz, J. Asiat. Soc. Beng.,

42(2):81, 1873. [***Reichenheimia III***]. Burma. Fig. 13.10.

nobilis hort, Horticulturist, 15:40, 1869, non visus. [*?*].

nomonyma hort, Florist Hort. J., 2:196, 1853, nomen nudum. Brazil.

northiana hort. ex Gentil, Pl. Culti. Serres Jard. Bot. Brux., :33, 1907, non visus. [*?*].

nossibea A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:130, 1859. —M. Keraudren–Aymonin, Fl. Madagascar, 144:44, pl. 13, 1983. [***Quadrilobaria***]. Madagascar. Fig. 22.20.

notata Craib, Gard. Chron., III, 83:66, 1928. [***Diploclinium II***]. Siam. Sine figura; (12;4-1), (12; 30-2), (19; 2-1). **R**

notiophila Urban, Ark. Bot., 23A(5):90, 1930. [***Begonia***]. Haiti. Fig. 30.25.

novogranatae A. de Candolle, Prodr., 15(1):517, 1864. [***Eupetalum***]. Colombia. (Fig. 23.19, icon). **R**

rosacea Linden, 1860, nomen nudum, non Putzeys, 1857.
rosacea Linden ex A. de Candolle, 1864, non Putzeys, 1857.
quetamensis L.B. Smith & B.G. Schubert, 1946. Fig. 23.19, icon.
inanis Irmscher, 1949.
rosacea auct. non Putzeys: L.B. Smith, 1973, pro parte.

novoguineensis Merrill & Perry, J. Arnold Arbor., 24:57, pl. 7a–b, 1943. [***Petermannia***]. New Guinea. Fig. 28.51.

nubicola L.B. Smith & B.G. Schubert, Mem. New York Bot. Gard., 9:354, pl. 65A, 1957. [***Cyathocnemis ?***]. Venezuela. Fig. 27.41.

nuda Irmscher, Bot. Jahrb. Syst., 76:58, 1953. [***Pritzelia***]. Brazil. Fig. 20.26.

nummulariifolia Putzeys, Bot. Zeitung (Berlin), 11(40):716, 1853. "*nummulariaefolia*." [*?*]. Colombia. Descriptione inchoata.

nurii Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:95, 1929. [***Reichenheimia I***]. Malaya. Fig. 7.11.

nyassensis Irmscher, Bot. Jahrb. Syst., 81:155, 1961. [***Rostrobegonia***]. Nyassaland. Fig. 31.13.

nymphaeifolia Te-Tsun Yü, Bull. Fan. Mem. Inst. Biol., n.s., 1:127, 1918. "*nymphaeafolia*." [***Reichenheimia I***]. China. Sine figura, (2;40-2a). **R**

oaxacana A. de Candolle var. **oaxacana,** Ann. Sci. Nat. Bot., IV, 11:127, 1859. [***Parietoplacentalia***]. Mexico. Fig. 30.42.

luxii C. de Candolle, 1895.
luxii C. de Candolle var. *pilosior* C. de Candolle, 1896.
serrulatoala C. de Candolle, 1908.
pubipedicella C. de Candolle, 1919.

oaxacana A. de Candolle var. **pilosula** A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:127, 1859. —L.B. Smith & B.G. Schubert, Ann. Missouri Bot. Gard., 45:58, 1958.

plagiata Linden ex A. de Candolle, 1864.

oaxacana A. de Candolle var. **stenoptera** L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:177, 1961. Costa Rica, Panama.

stenoptera C. de Candolle, 1919.

oblanceolata Rusby, Descript. New Spec. S. Amer. Pl., :65, 1920. [***Ruizopavonia***]. Bolivia. Fig. 27.13.

obliqua Linnaeus Sp. Pl., 2:1056, 1753, excl. syn. Sloane. —Emend. J. Golding, Phytologia, 45:221, 1980. [***Begonia***]. Lesser Antilles: Martinique. Fig. 32.14, icon.

Begonia nivea maxima, folio aurito Plumier, 1700.
Begonia purpurea maxima, folio aurito Plumier, 1700.
macrophylla Lamarck, 1785.
grandiflora Jacquin, 1787, excl. syn. Brown.
discolor Sprengel, 1825, quoad pl. Sieber.
crenata auct. non Linnaeus: Maycock, 1830.
martinicensis A. de Candolle, 1859.

rotundifolia Grisebach, 1860, non Lamarck, 1785.
nitida Dryander var. *pilosa* A. de Candolle, 1864.
obliqua auct. non Linnaeus: Jacquin, 1767.

obliqua Linnaeus var. *beta* Linnaeus, Sp. Pl., 2:1056, 1753. —O.E. Schulz in Urban, Symb. Antil., 7:15. 1911. —J. Golding, Phytologia, 45:247, 1980.
= **brachypoda** O.E. Schulz 1911.

obliqua Linnaeus var. *delta* Linnaeus, Sp. Pl., 2:1056, 1753. —Plumier in Burman, Pl. Amer., 2:pl. 45:main fig, 1756. —J. Golding, Phytologia, 45:247, 1980.
= **rotundifolia** Lamarck, 1785.

obliqua Linnaeus var. *epsilon* Linnaeus, Sp. Pl., 2:1056, 1753. —Plumier in Burman, Pl. Amer., 2:pl. 45:fig. 3, 1756. —A. de Candolle, Prodr., 15(1):295, 1864.
= **plumieri** A. de Candolle var. **plumieri**, 1864.

obliqua Linnaeus var. *gamma* Linnaeus, Sp. Pl., 2:1056, 1753. —Plumier in Burman, Pl. Amer., 2:pl. 45:fig. 2, 1756. —J. Golding, Phytologia, 39:115, 1978.
= **repens** Lamarck 1785.

obliqua Linnaeus var. *zeta* Linnaeus, Sp. Pl., 2:1056, 1753. —Aublet, Hist. Pl. Guiane, 2:913, pl. 348, 1775.
= **hirsuta** Aublet, 1775.

obliqua auct. non Linnaeus: Jacquin, Observ. Bot., 2:11, 1767; Coll., 1:128, "1786," 1787 [= *grandifolia* Jacquin, 1787]. —Dryander, Trans. Linn. Soc., 1:164, 1791 [= *macrophylla* Lamarck, 1785]. —J. Golding, Phytologia, 45:251, 1980.
= **obliqua** Linnaeus 1753.

obliqua Linnaeus, Mantissa Pl. Alt., :502, 1771, non Linnaeus, 1753. —Linnaeus f., Suppl., :420, 1782. **R**
= **capensis** Linnaeus f., 1781.

obliqua auct. non Linnaeus: Thunberg, Fl. Jap., :231, 1784. —Dryander, Trans. Linn. Soc., 1:164, 1791 [= *grandis* Dryander, 1791]. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:492, 1939.
= **grandis** Dryander subsp. **evansiana** (Andrews) Irmscher, 1939.

obliqua auct. non Linnaeus: l'Héritier, Stirp. Nov., 4:95, pl. 46, 1788, —Dryander, Trans. Linn. Soc., 1:159, 1791 [= *nitida* Dryander in Aiton, 1789]; Schneevoogt, Icon. Pl. Rar., :pl. 24, 1793. —O.E. Schulz in Urban, Symb. Antil., 7:10, 1911. **R**
= **minor** Jacquin, 1787.

obliqua Vellozo, Fl. Flum., icon., 10:pl. 48, "1827," 1831, non Linnaeus, 1753; descr., Arch. Mus. Nat. Rio de Janeiro, 5:406, 1881. —L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 40:245, 1950 [= *patula* Haworth, 1819]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:469, 1984.
= **fischeri** Schrank var. **fischeri**, May 1820.

obliqua Ruiz ex Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :221, 1855, non Linnaeus, 1753; Begoniac., :101, 1855, pro syn. *Cyathocnemis obliqua* Klotzsch, 1855. —A. de Candolle, Prodr., 15(1):333, 1864.
= **cyathophora** Poeppig & Endlicher, 1835.

obliqua auct. non Linnaeus: Klotzsch, Ind. Sem. hort. Berol., app. :1, 1856; Ann. Sci. Nat. Bot., IV, 6:350. 1856. —O.E. Schulz in Urban, Symb. Antil., 7:10, 1911.
= **minor** Jacquin, 1787.

obliqua auct. non Linnaeus: Van den Heede, Les Begonia, :7, 59, 65, 145, pl. 6. 1903, [= *acuminata* Dryander, 1791]. —O.E. Schulz in Urban, Symb. Antil., 7:13, 1911.
= **acutifolia** Jacquin, 1787.

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oblongata Merrill, Philipp. J. Sci., 7:310, 1912. [***Petermannia***]. Philippines. Fig. 20.17.

oblongifolia Stapf, Trans. Linn. Soc. London, Bot., II, 4:165, 1894. [***Petermannia***]. Borneo: Sarawak. Fig. S21, (18;52-2). **R**

obovatistipula C. de Candolle, Bull. Soc. Bot. Genève, II, 6:124, pl. 6, 1914. [***Pritzelia ?***]. Paraguay. Fig. 12.23, icon.

obovoidea Craib, Bull. Misc. Inform., :413, 1930. [*?*]. Siam. Fig. 4.39.

obscura Brade, Arq. Jard. Bot. Rio de Janerio, 15:33, pl. 3, 1957. [***Pritzelia***]. Brazil. Fig. 29.1, icon.

obsolescens Irmscher, Notes Roy. Bot. Gard. Edinburgh, 21:37, 1951.—S.H. Huang, & Y.M. Shui, Acta Bot. Yunnanica, 21(1):15, pl. 3, figs. 1-9, 1999. [***Coelocentrum***], fide J. Doorenbos in litteris to J. G, Dec. 4, 2000. China: Yunnan. Fig. S192, icon (26;78-2). **R**

obtecticaulis Irmscher, Bot. Jahrb. Syst., 74:600, 1949. [***Ruizopavonia***]. Peru. Fig. 20.9.

obtusifolia Merrill, Philipp. J. Sci., 14:425, 1919. [***Diploclinium I***]. Philippines. Fig. 26.26.

obversa C.B. Clarke, J. Linn. Soc., Bot., 25:26, pl. 12, 1890. [***Platycentrum***]. India. Fig. 8.2, icon.

occhionii Brade, Arq. Serv. Florest., 2:21, pl. 1, 1943. [***Pritzelia***]. Brazil. Fig. 29.22.

octopetala l'Héritier var. **octopetala,** Stirp. Nov., 4:101, 1788. —W.J. Hooker, Bot. Mag., 64:pl. 3559, 1837. [***Eupetalum***]. Ecuador, Peru. Fig. 4.14, icon.
grandiflora Knowles & Wescott, 1837.
Huszia octopetala (l'Héritier) Klotzsch, 1854.

octopetala l'Héritier subsp. **ovatiformis** Irmscher, Bot. Jahrb. Syst., 76:75, 1953. Peru.

octopetala auct. non l'Héritier: Grisebach, Abh. Königl. Ges. Wiss. Gottingen, 19:148, 1874. —L.B. Smith & B.G. Schubert, Darwiniana, 5:85, 1941.
= **rubricaulis** W.J. Hooker var. **rubricaulis,** 1844.

odeteiantha Handro, Loefgrenia, 39:4, 1969. [***Pritzelia***]. Brazil. Fig. 20.27.

odorata Willdenow, Enum. Hort. Berol., suppl., :64, 1813. [***Begonia***]. Lesser Antilles: Guadeloupe. Fig. 32.35, icon **R**
suaveolens Loddiges, 1817.
nitida Wikstrom, 1827, non Dryander in Aiton, 1789.
disticha hort. Berol. ex Klotzsch, 1854, non Link, 1822
humilis auct. non Dryander in Aiton: Ker–Gawler, 1818.
macrophylla auct. non Lamarck: Wikstrom, 1827..
wageneriana auct. non W.J. Hooker, pl. 4988, 1857: W.J. Hooker.1858.
dominicalis auct. non A.de Candolle ex Grisebach: Grisebach, 1860, quoad pl. Guad.
dominicalis auct. non A. de Candolle: Duss, 1897, excl. specim. Mart.

odoratissima hort, J. Soc. Nat. Hort, France, IV, 27:265, 1926, pro syn. **baumannii**, Lemoine, 1890.

oellgaardii L.B. Smith & D.C. Wasshausen in Harling & Andersson, Fl. Ecuador, 25:59, pl. 14, 1986. [***Knesebeckia***]. Ecuador. Fig. S130, (13;12-2b). **N**

ohlendorfiana Buxton, Check List Begonia, :176, 1957, sphalmate pro *platanifolia* Schott var. *ohlendorffiana*, H.G. Reichenbach, f., 1878.

olbia Kerchove, Rev. Hort. Belge Étrangerè, 9:241, pl, 1883. [***Knesebeckia***]. Brazil. Fig. S40, icon (4:32-2). **R**
platanifolia Schott var. *ohlendorffiana* H.G. Reichenbach f., 1878.

oligandra Merrill & Perry, J. Arnold Arbor., 24:44, pl. 2g–k, 1943. [***Diploclinium II ?***]. New Guinea. Fig. 5.12.

oligantha Merrill, Philipp. J. Sci., 10:50, 1915. [***Petermannia***]. Philippines. Fig. 18.8.

oligocarpa A. de Candolle ex Koorders, Meded. Lands Plantentuin, 19:486, 1898. [*?*. India: Himalaya. Descriptione inchoata. **R**

oliveri L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 45:113, 1955. [***Semibegoniella***].

Colombia. Fig. 17.7, icon.
Begoniella whitei Oliver, 1873.

olsoniae L.B. Smith & B.G. Schubert, Phytologia, 12:250, 1965. [***Pritzelia***]. Brazil. (Fig. 24.20, icon).
vellozoana Brade, 1948, non Walpers, 1843, Fig 2420, icon.

ophiogyna L.B. Smith & B.G. Schubert, Caldasia, 4:84, 0l. 9, 1946. [***Hydristyles*** ?]. Colombia. Fig. 27.6.

opuliflora Putzeys, Fl. des Serres, I, 10:71, 1855. —emend. L.B. Smith & D.C. Wasshausen, Phytologia, 52:445, 1983. [***Ruizopavonia*** ?]. Panama. Fig. 17.23, icon.

opulifolia Loudon, Encyc. Pl.,1840, non visus. [?]

orbiculata Jack, Malay Misc., 2(7):9, 1822. [***Diploclinium I*** ?]. Indonesia: Sumatra. Sine figura; (7;28-1), (10; 9-1). **R**
Diploclinium orbiculatum (Jack) Miquel, 1856.

orchidiflora Griffith, Itin. Pl. Khasyah Mts. (Posthumous Papers), 2:38, 1848. [?]. India. Sine figura, (1;6-2). **R**

oregana hort. ex Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854, pro syn. *Pritzelia ramentacea* (Paxton) Klotzsch, 1854. —A. de Candolle, Prodr., 15(1):357, 1864.
= **ramentacea** Paxton 1846.

oreodoxa Chun & F. Chun ex C.Y. Wu & T.C. Ku, Acta Phytotax, Sin., 33(3):274,1995. [***Platycentrum*** ?]. China: Yunnan. Sine figura,(8; 6-2a). **N**

organensis Brade, Bol. Mus. Nac. Rio de Janeiro, Bot., n.s., 1:13, pl. 4, 1944. [***Begonia***]. Brazil. Fig. 23.28.

ornithocarpa Standley, Field Mus. Nat. Hist., Bot. Ser., 4:238, 1929. [***Quadriperigonia*** ?]. Mexico. Fig. 32.7.

ornithophylla Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:556, 1939. [***Coelocentrum***]. China. Fig. 24.4.

otophora Merrill & Perry, J. Arnold Arbor., 24:46, pl. 2l, 1943. [***Petermannia***]. New Guinea. Fig. 21.10.

otophylla L.B. Smith & B.G. Schubert, Fieldiana: Bot., 28:417, pl. 89, 1952. [***Pritzelia***].Venezuela. Fig. 29.9, icon.

ottonis Walpers, Repert. Bot. Syst., 2:212, 1843. —Heynhold, Nom. Bot., 2:63, 1846 [= *walpersii* Heynhold, 1846]. —L.B. Smith & B.G. Schubert, Caldasia, 4:184, 1946.
= **guaduensis** Kunth in Humboldt, Bonpland & Kunth, 1825.

ottonis hort. Bogor. ex A. de Candolle, Prodr., 15(1):399, 1864, pro syn. **complicata** (Hasskarl) A. de Candolle, 1864.

ovatifolia A. de Candolle var. **ovatifolia,** Ann. Sci. Nat. Bot., IV, 11:132, 1859. [***Diploclinium III***]. India. Fig. 8.19.
subovata Wallich, 1831, nomen nudum.

ovatifolia A. de Candolle var. **cretacea** C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:643, 1879. India.

oxyanthera Warburg, Bot. Jahrb. Syst., 22:35, 1895. —Engler, Veg. Erde, 9(3.2):619, 1921, [= *excelsa* J.D. Hooker, 1871]. —Keay in Hutchinson & Dalziel, Fl. W. Trop. Afr., ed. 2, 1:220, 1954.[= **mannii** J.D. Hooker, 1864, sphalmate] ..—J.J. de Wilde, Wageningen Univ. Papers, 2001-2:177, pl. 19, 2002. [***Tetraphila***]. Nigeria, Cameroon, Equatorial Guinea.: Bioko. (Fig. 14.48). **R**
jussiaeicarpa Warburg, 1895. Fig. 14.48.

oxyloba Welwitsch ex J.D. Hooker in Oliver, Fl. Trop. Afr., 2:573, 1871. —Klazenga, J.J. de Wilde & Quené, Bull. Jard. Bot. Belg., 63:286, fig. 6, 1994. [***Mezierea***]. Tropical Africa, Madagascar. Fig. 4.42, (4.51) . **R**
cladocarpa Baker, 1882. Fig. 4.51.
heddei Warburg, 1900.
lehmbachii Warburg, 1900.
conraui Gilg, 1904.
kummerae Gilg, 1904.
petrophila Gilg, 1904.

togoensis Gilg, 1904.
seretii De Wildeman, 1907.
sassandrensis A. Chevalier, 1912.
pycnocaulis Irmscher, 1961.

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=**arborescens** Raddi var **oxyphylla** (A. de Candolle) S.F. Smith, 1999.

oxysperma A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:122, 1859. [***Baryandra***]. Philippines. Fig. S124, (12;39-2). **R**

oxyura Merrill & Perry, J. Arnold Arbor., 24:49, pl. 4a–b, 1943. [***Petermannia***]. New Guinea. Fig. 21.48.

pachyrhachis L.B. Smith & D.C. Wasshausen, Phytologia, 52:442, 1983. Indonesia: Java? Sine figura. **R**
Casparya crassicaulis A. de Candolle, 1859.
crassicaulis (A. de Candolle) Warburg 1894, non Lindley, 1842.

padangensis Irmscher, Webbia, 9:475, pl. 1, 1953. [***Petermannia***]. Indonesia: Sumatra. Fig. 21.33.

palawanensis Merrill, Philipp. J. Sci., 6:380, "1911," 1912. [***Petermannia***]. Philippines. Fig. 16.29.

paleacea Kurz, Flora, 514:297, 1871. [***Monophyllon***]. Burma. Fig. 28.36.

paleata Schott ex A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:137, 1859. [***Pritzelia***]. Brazil. Fig. 31.10, (10;6-2a). **R**

palmaris A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:126, 1859. —L.B. Smith & B.G. Schubert, Contr. Gray Herb., 154:28, 1945.
= **biserrata** Lindley var. **biserrata,** 1847.

palmaris A. de Candolle, var. *jurgensenii* A. de Candolle, Prodr., 15(1):307, 1864. —L.B. Smith & B.G. Schubert, Contr. Gray Herb., 154:28, 1945.
= **biserrata** Lindley var. **biserrata,** 1847.

palmata D. Don var. **palmata,** Prodr. Fl. Nepal, :223, 1825 —H. Hara, Fl. E. Himalaya, 1:223, 1966; Photo–Album Pl. E. Himalaya:7, pl. 60, 1968. [***Platycentrum***]. India. Fig. 4.58.
laciniata Roxburgh ex Wallich, No. 3678A, 1831, nomen nudum.
laciniata Roxburgh ex Wallich, No. 3678B, 1831, nomen nudum.
laciniata Roxburgh, 1832.
roylei K. Koch, 1857.
laciniata Roxburgh var. *nepalensis* A. de Candolle, 1864.
laciniata Roxburgh var. *tuberculosa* C.B. Clarke 1879.
ferruginea H. Hara, 1911, non Linnaeus f., 1781.
randaiensis Saski, 1928.
laciniata Roxburgh subsp. *nepalensis* (A. de Candolle) Irmscher, 1939.

palmata D. Don var. **bowringiana** (Champion ex Bentham) J. Golding & C. Karegeannes, Phytologia, 54:494. 1984. Hong Kong. (Fig. 9.15) . **R**
bowringiana Champion ex Bentham, 1852. Fig. 9.15, icon.
Doratometra bowringiana Seemann, 1857.
laciniata Roxburgh var. *bowringiana* A. de Candolle, 1864.
laciniata Roxburgh subsp. *bowringiana* (Champion) Irmscher, 1939.

palmata D. Don var. **crassisetulosa** (Irmscher) J. Golding & C. Karegeannes, Phytologia, 54:495, 1984. China.
laciniata Roxburgh subsp. *crassisetulosa* Irmscher, 1939.

palmata D. Don var. **difformis** (Irmscher) J. Golding & C. Karegeannes, Phytologia, 54:495, 1984. China.
laciniata Roxburgh subsp. *difformis* Irmscher, 1939.

palmata D. Don var. *gamblei* (Irmscher) H. Hara, Fl. E. Himalaya, 1:215, 1966. —J. Golding & C. Karegeannes, Phytologia, 54,496, 1984.
= **flaviflora** H. Hara var. **gamblei** (Irmscher) J. Golding & C. Karegeannes, 1984.

palmata D. Don var. **khasiana** (Irmscher) J.

Golding & C. Karegeannes, Phytologia, 54:495, 1984. India. **R**
laciniata Roxburgh subsp. *khasiana* Irmscher, 1939.

palmata D. Don var. **laevifolia** (Irmscher) J. Golding & C. Karegeannes, Phytologia, 54:495, 1984. China.
laciniata Roxburgh subsp. *laevifolia* Irmscher, 1951.

palmata D. Don var. **principalis** (Irmscher) J. Golding & C. Karegeannes, Phytologia, 54:495, 1984. China.
edulis Léveillé var. *henryi* Léveillé, 1909.
laciniata Roxburgh *subsp. principalis* Irmscher, 1939.

palmata Pavon in herb. Boissier ex A. de Candolle, Prodr., 15(1):307, 1864, non D. Don, 1825, pro syn. *palmaris* A. de Candolle, 1859. —L.B. Smith & B.G. Schubert, Contr. Gray Herb., 154:28, 1945.
= **biserrata** Lindley var. **biserrata,** 1847.

palmata Sessé & Mociño, Pl. Nov. Hisp., :162, 1890, non visus. —L.B. Smith & B.G. Schubert, Contr. Gray Herb., 154:27, 1945. **R**
= **biserrata** Lindley var. **biserrata,** 1847.

palmatiloba Linden & André, Linden Cat., :14, 1871. [*?*]. Mexico. Descriptione inchoata.

palmatiloba Liebmann in F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2, :90, 1974, sphalmate pro **palmatiloba** Linden & André. 1971.

palmeri S. Watson, Proc. Amer. Acad. Arts, 21:429, 1886. [***Quadriperigonia***]. Mexico. Fig. 28.24.
californica T.S. Brandegee, 1891.

palmifolia hort. ex Buxton, Begonias, :33, 1932. —J. Doorenbos, Begonian, 46:234, 1979 [= *vitifolia* Schott, 1827]. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:446, 1983.
= **reniformis** Dryander, 1791.

paludicola C. de Candolle, Bull. Soc. Bot. Genève, II, 6:125, pl. 7, 1914, "*palludicola*." —L.B. Smith & B.G. Schubert, Darwiniana, 5:101, 1941 [= *cucullata* Willdenow, 1805]. —J. Golding, Phytologia, 50:355, 1982.
= **cucullata** Willdenow var. **cucullata,** 1805.

palustris Hartweg ex Bentham, Pl. Hartw., :184, 1845. —L.B. Smith & B.G. Schubert, Caldasia, 4:89, pl. 10, 1946 [= *tovarensis* Klotzsch var. *palustris* (Bentham) L.B. Smith & B.G. Schubert, 1946]. —Irmscher, Bot. Jahrb. Syst., 76:24, pl. 1:fig. 7, 1953.
= **fischeri** Schrank var. **palustris** (Bentham) Irmscher, 1953.

panayensis Merrill, Philipp. J. Sci., 14:428, 1919. [***Petermannia***]. Philippines. Fig. 20.18.

paniculata Parodi, Anales Soc. Ci. Argent., 5:209, 1878. [*?*]. Paraguay. Descriptione inchoata.

pantherina Putzeys ex Linden, Cat. Exot. Pl., 17:2, 1862. [*?*]. Mexico. Descriptione inchoata.

papillaris herb. Paris ex F. Cels, Ann. Fl. Pomone, :111, 1842. [*?*]. Descriptione inchoata. **R**

papillosa Graham, Bot. Mag., 55:pl. 2846, 1828. —A. de Candolle, Prodr., 15(1):309, 1864.
= **incarnata** Link & Otto var. **papillosa** A. de Candolle, 1864.

papillosa Lindley, Edwards's Bot. Reg., 27, Misc. :39, 1841, non Graham, 1828. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:445, 1983.
= **bufoderma** L.B. Smith & D.C. Wasshausen, 1983.

papillosa Reinwardt ex Koorders, Exkurs.-Fl. Java, 2:650, 1912, nec Graham, 1828, nec Lindley, 1841, pro syn. **areolata** Miquel, 1857.

papuana Warburg in Schumann & Lauterbach, Fl. Deutsch. Schutzgeb. Südsee, :458, 1901. —Irmscher, Bot. Jahrb. Syst., 50:573, pl. 4:fig. 23, 1914. [***Petermannia***]. New Guinea. Fig. S155, (19;26-2a). **R**

papyraptera Sands, Check List Flowering Pl of Brunei Darussalam, App. 2: 432, 1997. Brunei. Editus sero pro clave. **N**

paraguayensis Parodi, Anales Soc. Ci. Argent., 5:207, 1878. [?]. Paraguay. Descriptione inchoata.

paranaensis Brade, Bol. Mus. Nac. Rio de Janeiro, Bot., n.s., 1:10, pl. 1, 1944. [***Pritzelia***]. Brazil. Fig. S6, (4;21-1). **R**

parcifolia C. de Candolle, Smithsonian Misc. Collect., 69(12):10, 1919. [***Knesebeckia***]. Ecuador. Fig. 1.6.
nervidens Irmscher, 1949.

parcifolia F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2, :91, 1974, sphalmate pro *parvifolia* auct. non Schott: Graham, 1839.

parilis Irmscher, Bot. Jahrb. Syst., 76:47, 1953. [***Pritzelia***]. Brazil. Fig. 14.4.

parishii C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:651, 1879. [***Parvibegonia***]. India. Fig. S13, (10;18-2). **R**

parmata Irmscher, Bot. Jahrb. Syst., 74:611, 1949. —emend.. Irmscher, Bot. Jahrb. Syst., 76:90, 1953. —L.B. Smith & D.C. Wasshausen, Phytologia, 44:244, 1979.
= **serotina** A. de Candolle, 1859.

parodiana L.B. Smith & B.G. Schubert, Darwiniana, 5:88, pl. 3, 1941. [***Knesebeckia***]. Argentina. Fig. 1.2.

partita Irmscher, Bot. Jahrb. Syst., 81:143, pl. 10:fig. 2, 1961. South Africa. Fig. 5.14. —Hilliard in Ross, Fl. South Afr., 22:142, 1976. **R**
= **dregei** Otto & Dietrich var. **dregei**, 1836.

parva Merrill, Philipp. J. Sci., 6:402, "1911," Jan. 1912. [***Diploclinium I***]. Philippines. Fig. 23.16.

parva Sprague, Bull. Misc. Inform., :329, Sept. 1912, non Merrill, Jan. 1912. —C. Weber, Baileya, 16:126, 1968 [= *spraguei* C. Weber, 1968]. —Wilczek, Fl. Congo, Rwanda, Burundi, :30, 1969. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:117, 2002. **R**
= **horticola** Irmscher, 1921.

parviflora F. Hamilton ex Wallich, Num. List, 129, :no. 3674, 1831, nomen nudum. —H.Hara, J. Jap. Bot., 47:112, 1972. **R**
= **minicarpa** H. Hara, 1972.

parviflora Poeppig & Endlicher, Nov. Gen. Sp. Pl., 1:7, pl. 12, 1835. [***Scheidweileria***]. Colombia to Bolivia. Fig. 4.23, icon., S.249, (4;30-1). **R**
micrantha Steudel, 1840, nomen nudum.
Scheidweileria parviflora (Poeppig & Endlicher) Klotzsch, 1855.
myriantha Britton, 1891.

parviflora Schott ex Steudel, Nom. Bot., ed 2, 1:194, 1840, nomen nudum, [= *wallichiana* Steudel, 1840, nomen nudum]. —J. Doorenbos, Begonian, 42:213, 1975 [= *parviflora* auct. non Poeppig & Endlicher: F. Hamilton ex Wallich, 1831]. —H. Hara, J. Jap. Bot., 47:112, 1972. **R**
= **minicarpa** H. Hara, 1972.

parviflora Liebmann in Schouw, Ind. Sem. Herb. Haun. 1847, non visus, non Poeppig & Endlicher, 1835. —A. de Candolle, Prodr., 15(1):383, 1864 [= *franconis* Liebmann, 1853]. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:443, 1983.
= **wallichiana** Lehmann, 1850, non Steudel, 1840.

parvifolia Schott in Sprengel, Syst. Veg., 4(app) :408, 1827. [***Pritzelia***]. Brazil. Fig. 19.5,icon. **R**
schottiana A. de Candolle, 1859.

parvifolia E. Meyer ex Otto & Dietrich, Allg. Gartenzeitung, 4:357, 1836, pro syn. **dregei** Otto & Dietrich var. **dregei**, 1836.

parvifolia auct. non Schott: Graham, Bot. Mag., 66:pl. 3720, 1839. —A. de Candolle, Prodr., 15(1):384, 1864.
= **dregei** Otto & Dietrich var. **dregei**, 1836.

parvifolia Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :122, 1854, nomen nudum, non Schott, 1827; Abh. Königl. Akad. Wiss. Berlin 1854, :153, 1855; Begoniac., :33, 1855. —L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 40:245, 1950 [= *patula*

Haworth, 1819]. —Irmscher, Bot. Jahrb. Syst., 76:20, pl. 1:fig. 8, 1953.
= **fischeri** Schrank var. **palustris** (Bentham) Irmscher, 1953.

parvilimba Merrill, Philipp. J. Sci., 26:481, 1925. [***Petermannia***]. Philippines. Fig. 14.36.

parvipeltata A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:139, 1859; in Martius, Fl. Bras., 4(1):371, 1861.
= **peltifolia** Schott 1827.

parvipeltata A. de Candolle var. *bahiensis* A. de Candolle in Martius, Fl. Bras., 4(1):371, 1861. —Irmscher, Bot. Jahrb. Syst., 78:187, 1959.
= **fellereriana** Irmscher, 1959.

parvistipulata Irmscher, Bot. Jahrb. Syst., 76:49, 1953. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):99, pl. 30, 1971. [***Pritzelia***]. Brazil. Fig. 32.2, icon.

parvula Léveillé & Vaniot, Repert. Spec. Nov. Regni Veg., 2:113, 1906. [***Reichenheimia III***]. China. Fig. S170, (23;54-1). **R**

parvuliflora A. de Candolle var. **parvuliflora,** Ann. Sci. Nat. Bot., IV, 11:136, 1859. [***Diploclinium II***]. Burma. Sine figura; (10;18-1), (11; 23-1), (12;59-1), (24;16-1), (31; 26, (32;29-1) & (32;44-1). **R**
lobbiana A. de Candolle, 1864.
velutina Parish ex Kurz, 1873.

parvuliflora A. de Candolle var. **pubescens** A. de Candolle, Prodr., 15(1):355, 1864. Singapore.

pastoensis A. de Candolle var. **pastoensis,** Ann. Sci. Nat. Bot., IV, 11:121, 1859. —L.B. Smith & B.G. Schubert, Caldasia, 4:86, pl. 9, 1946. [***Knesebeckia***]. Columbia, Ecuador. Fig. 31.2.

pastoensis A. de Candolle var. **hirsutior** L.B. Smith & B.G. Schubert, Fieldiana: Bot., 28:418, 1952. Venezuela.

patens Grisebach ex A. de Candolle in Martius, Fl. Bras., 4(1):378, 1861.
= **arborescens** Raddi var. **arborescens,** 1820.

patula Haworth, Succ. Pl. Suppl., :100, May 1819. Descriptione inchoata. —Doorenbos, Sosef & de Wilde, Wageningen Agric. Univ. Papers, 98(2):248, 1998 **R**
= **fischeri** Schrank var. **fischeri,** May 1820.

patula Fischer ex Hornemann, Hort. Hafn. Suppl., :108, 1819, non Haworth, 1819. —A. de Candolle in Martius, Fl. Bras., 4(1):345, 1861 [= *macroptera* Klotzsch, 1855]. —L.B. Smith & D.C. Wasshausen, Phytologia, 44:246, 1979.
= **fischeri** Schrank var. **fischeri,** May 1820.

patula auct. non Haworth: Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :150, 1855; Begoniac., :34, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):348, 1861, excl. syn. *pauciflora* Lindley, 1820. —L.B. Smith & D.C. Wasshausen, Phytologia, 44:246, 1979.
= **fischeri** Schrank var. **fischeri,** May 1820.

pauciflora Lindley, Bot. Reg., 6:pl. 471, Notes CC, 1820. —Haworth, Saxifr. Enum., :196, 1821. —J. Golding, Begonian, 44:329, 1977 [= **fischeri** Schrank, 1820, sphalmate]. —J. Golding & C. Karegeannes, Phytologia, 54,497, 1984.
= **dubia** Haworth, 1819.

paucilobata C.Y. Wu, Acta Phytotax, Sin., 33(3):275, pl. 20,1995. [***Platycentrum***]. China: Yunnan. Fig. S77, icon (4; 53-2b). **N**

paulensis A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:125, 1859; in Martius, Fl. Bras., 4(1):350, pl. 91 1861. [***Pritzelia***]. Brazil. Fig. 2.46.
binotii hort. ex C. Chevalier, 1938.

paupercula King, J. Asiat. Soc. Beng., pt. 2, Nat. Hist., 71:64, 1902. [***Platycentrum***]. Malaya. Fig. S25, (24;18-1). **R**

paupercula auct. non King: Ridley, J. Roy . Asiat. Soc. Straits Br. 54:42, 1909; J. Roy Asiat. Soc. Straits Br. 75:35, 1917.
= **phoeniogramma** Ridley, 1917.

pavoniana A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:142, 1859. —O.E. Schulz in Urban, Symb. Antil., 7:27, 1911.
= **humilis** Dryander var. **humilis,** 1789.

pavonina Ridley, J. Fed. Malay States Mus., 4:22, 1909. [***Platycentrum*** ?]. Malaya. Fig. 24.8.

pearcei J.D. Hooker, Bot. Mag., 91:pl. 5545, 1865. [***Eupetalum***]. Bolivia. Fig. 28.46, icon.

pectennervia L.B. Smith & D.C. Wasshausen in Harling & Andersson, Fl. Ecuador, 25:59, pl. 15, 1986. [***Semibegoniella***]. Ecuador. Fig. S152, (13;20-1a). **N**

pedata Liebmann, Vid. Medd. Naturh. F. Kjöbenhavn 1852, :10, 1853. [***Quadriperigonia***]. Mexico. Fig. 5.22.
Knesebeckia pedata (Liebmann) Klotzsch, 1855.
Knesebeckia crenatiflora auct. non Klotzsch & Putzeys: L.B. Smith & D.C. Wasshausen, 1984.

pedatifida Léveillé, Repert. Nov. Sp., 7:21, 1909. [***Platycentrum***]. China. Fig. 4.40, icon.

pedatifida Léveillé var. *kewensis* Léveillé, Repert. Nov. Sp., 7:22, 1909. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:540, 1939.
= **lipingensis** Irmscher, 1927.

pediophylla Merrill & Perry, J. Arnold Arbor., 24:54, pl. 5j–n, 1943. [***Petermannia***]. New Guinea. Fig. 27.19.

pedunculosa Wallich, Pl. As. Rar., 1:82, pl. 97, 1830; Num. List, 129, :no. 3672A, 1831. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:639, 1879. [***Diploclinium II***]. India. Fig. 27.34, icon.

pedunculosa auct. non Wallich, 1830: Wallich, Num. List, 129, :no. 3672B, 1831, —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:656, 1879. —J. Golding, Phytologia, 40:8, 1978.
= **khasiana** C.B. Clarke 1879.

peekelii Irmscher, Bot. Jahrb. Syst., 50:360, 1913.— Peekel, Flora Bismark Archipelago: 391, pls. 627-628, 1984. [***Petermannia***]. Papua New Guinea (Bismark Archipelago). Fig. 25.7.

peii C.Y. Wu, Acta Phytotax, Sin., 33(3):252,pl. 2, 1995. [***Parvibegonia***]. China: Yunnan. Fig. S132, icon (14;3-1a). **N**

pelargoniiflora J.J. de Wilde & J.C. Arends, Wageningen Agric. Univ. Papers, 91(6):203, pl. 4, 1992. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:183, pl. 20 2002. [***Tetraphila***]. Cameroon, Equatorial Guinea: Bioko. Fig. S133, (14:17-1a). **N**

peltata Otto & Dietrich var. **peltata,** Allg. Gartenzeitung, 9:58, Feb. 1841. —J. Golding, Phytologia, 47:291, 1981. [***Gireoudia***]. Mexico, Guatemala. Fig. 3.43, non typus.
incana Lindley, May 1841.
Rachia peltata (Otto & Dietrich) Klotzsch, 1854.

peltata Otto & Dietrich var. **auriformis** (A. de Candolle) J. Golding, Phytologia, 47:292, 1981. Mexico.
auriformis Van Houtte ex Klotzsch, 1854.
Rachia incana (Lindley) Klotzsch, 1855.
incana Lindley var. *auriformis* A. de Candolle, 1864.

peltata Hasskarl in Hoeven & de Vriese, Tijdschr. Nat. Gescheid.,10:133, 1843, non Otto & Dietrich, 1841; Cat. Hort. Bogor. Alt., 192:311, 1844.
= **coriacea** Hasskarl, 1844

peltata A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:138, 1859, non Otto & Dietrich, 1841; in Martius, Fl. Bras., 4(1):370, 1861.
= **concinna** Schott 1827.

peltata Sessé & Mociño Fl. Mex., ed. 2, :219, 1894, non Otto & Dietrich,1841. —L.B. Smith & B.G. Schubert, Contr. Gray Herb., 154:27, 30, 1945.
= **nelumbiifolia** Schlechtendal & Chamisso, 1830.

peltata Elmer, Leafl. Philipp. Bot., 7:2556, 1915, non Otto & Dietrich, 1841. —Merrill, Philipp. J. Sci., 13:39, 1918.
= **elmeri** Merrill, 1918.

peltatifolia Hui–Lin Li, J. Arnold Arbor., 25:209, 1944. [***Reichenheimia I ?***]. China. Fig. S52, (2;33-2), it replaces Fig. 2.26, that photo is of **concinna. R**

peltifolia Schott in Sprengel, Syst. Veg., 4(app) :408, 1827. [***Pritzelia***]. Brazil. Fig. 2.45.
parvipeltata A. de Candolle, 1859.

peltigera Irmscher, Bot. Jahrb. Syst., 76:79, 1953. [***Hydristyles***]. Peru. Fig. 32.10.

pendula Ridley, J. Roy. Asiat. Soc., Straits Br., 46:257, 1906. [***Petermannia***]. Borneo: Sarawak. Sine figura; (25; 8-2, (25;94-2) & (30; 57-1). **R**

pendula O.E. Schulz in Urban, Symb. Antil., 7:7, 1911, non Ridley, 1906. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:469, 1984.
= **pensilis** L.B. Smith & D.C. Wasshausen, 1984.

peninsulae Irmscher var. **peninsulae,** Mitt. Inst. Allg. Bot. Hamburg, 8:98, 1929. [***Reichenheimia I***]. Malaya. (Fig. 2.33)

peninsulae Irmscher subsp. **tambelanensis** Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:100, 1929. Malaya. Fig. 2.33.

pennellii L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist, Bot. Ser., 13:196, 1941; J. Wash. Acad. Sci., 45:114, 1955.
= **erythrocarpa** A. de Candolle, 1859.

pennellii L.B. Smith & B.G. Schubert, subsp. *lobato-ovata* Irmscher, Bot. Jahrb. Syst., 76:84, 1953. —J. Golding & C. Karegeannes, Phytologia, 54,498, 1984.
= **erythrocarpa** A. de Candolle, 1859.

pennellii L.B. Smith & B.G. Schubert, var. *longiloba* Irmscher, Bot. Jahrb. Syst., 76:85, 1953. —J. Golding & C. Karegeannes, Phytologia, 54,498, 1984.
= **erythrocarpa** A. de Candolle, 1859.

pennellii L.B. Smith & B.G. Schubert, f. *macrantha* Irmscher, Bot. Jahrb. Syst., 76:86, 1953. —J. Golding & C. Karegeannes, Phytologia, 54,498, 1984.
= **erythrocarpa** A. de Candolle, 1859.

pensilis L.B. Smith & D.C. Wasshausen, Phytologia, 54:469, 1984. [***Begonia***]. West Indies: St. Vincent. Fig. S29, (26;51-2). **R**
pendula O.E. Schulz 1911, non Ridley, 1906.

pentaphragmifolia Ridley, Trans. Linn. Soc. London, Bot., II, 9:59, 1916. [***Petermannia***]. New Guinea. Fig. 12.2.

pentaphylla Walpers, Repert. Bot. Syst., 2:209, 1843. [***Scheidweileria***]. Brazil. Fig. 4.2.
muricata Scheidweiler, 1841. non Blume, 1823.
Scheidweileria muricata (Scheidweiler) Klotzsch, 1854.
digitata hort. ex Lemaire, 1851, non Raddi, 1820.
scheidweileri Koorders, 1912.

peperomioides J.D. Hooker in Oliver, Fl. Trop. Afr., 2:575, 1871. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):264, fig. 17.14, 1994. [***Scutobegonia***]. Gabon. Fig. 13.1. **R**

peponifolia A.T. Brongniart ex F. Cels, Ann. Fl. Pomone, :105, 1842. —J. Golding & C. Karegeannes, Phytologia, 54:498, 1984.
= **barkeri** Knowles & Wescott, 1840.

peponifolia A.T. Brongniart ex F. Cels var. *beta* A.T. Brongniart ex F. Cels, Ann. Fl. Pomone, :106, 1842. —J. Golding & C. Karegeannes, Phytologia, 54:498, 1984.
= **barkeri** Knowles & Wescott, 1840.

peponifolia hort. ex Schlechtendal, Linnaea, 24:180, 1851. —J. Golding & C. Karegeannes, Phytologia, 54:498, 1984.
= **barkeri** Knowles & Wescott, 1840.

peponifolia hort. Berol. ex Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :216, 1855; Begoniac., :96, 1855, pro syn. *Gireoudia macrophylla* Klotzsch var. *discolor* Klotzsch,1855. —A. de Candolle, Prodr., 15(1):341, 1864 [= *peponifolia* Visiani ex A. de Candolle, 1864]. —J. Golding & C. Karegeannes, Phytologia, 54:498, 1984.
= **barkeri** Knowles & Wescott, 1840.

peponifolia Visiani ex A. de Candolle, Prodr., 15(1):341, 1864. Fig. 22.33. —J. Golding & C. Karegeannes, Phytologia, 54:498, 1984. **R**

= **barkeri** Knowles & Wescott, 1840.

perakensis King var. **perakensis,** J. Asiat. Soc. Beng., pt. 2, Nat. Hist., 71:64, 1902. [***Platycentrum***]. Malaya. Fig. 13.12.
perakensis King var. *rotundata* Irmscher, 1929.

perakensis King var. **conjungens** Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:129, 1929. Malaya.

perakensis King var. *rotundata* Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:129, pl. 5, 1929. — Turner, Gardens' Bull. Singapore 46(2):128, 1998. Malaya.
= **perakensis** King var. **perakensis**, 1902.

per-dusenii Brade, Arq. Jard. Bot. Rio de Janerio, 12:10, pls.3, 5:figs. 22–31, 1952. [***Begonia***]. Brazil. Fig. 31.22.
chapecoensis Brade, 1958.
schubertiana Irmscher, 1959.

peristegia Stapf, Bull. Misc. Inform., :140, 1901. [***Pritzelia***]. Brazil. Fig. 30.48.

pernambucensis Brade, Arq. Jard. Bot. Rio de Janerio, 13:82, pl. 7, 1954. [***Pritzelia***]. Brazil. Fig. 24.19, icon.

perpusilla A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:143, 1859. [***Muscibegonia***]. Madagascar. Fig. 8.23.

perrieri Bois in Lecomte, Notul. Syst., 3:107, pl., 1915. Madagascar. Fig. 33.6.

perryae L.B. Smith & D.C. Wasshausen, Phytologia, 52:445, 1983. [***Petermannia***]. Philippines. Sine figura; (21;100-1), (24; 11-2), (27; 73-1). **R**
robinsonii Merrill, 1912, non Ridley, 1909.

peruibensis Handro, Revta Brasil. Bot, 2:136, pl. 1, "1979," 1980. [***Pritzelia*** ?]. Brazil. Fig. 19.11, icon. **R**

peruviana A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:133, 1859. [***Ruizopavonia***]. Peru. Fig. 20.14.

petalodes Lindley, Edwards's Bot. Reg., 21:pl. 1757, 1836; Nat. Syst. Bot., ed. 2, :440, 1836 [= *Eupetalum petalodes* Lindley, 1836]. —L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:189, 1941.
= **geraniifolia** W.J. Hooker, 1835.

petasitifolia Brade, Bradea, 1:37, pl.1, 1971. [***Pritzelia***]. Brazil. Fig. 7.10, icon.

petraea A. Chevalier, Bull. Soc. Bot. France, 58(Mem.8d):173, "1911," 1912. —Keay in Hutchinson & Dalziel, Fl. W. Trop. Afr., ed. 2, 1:219, 1954. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1): 179, 1994. **R**
= **prismatocarpa** W.J. Hooker subsp. **petraea** (A. Chevalier) M. Sosef, 1994.

petrophila Gilg, Bot. Jahrb. Syst., 34:86, 1904. —Engler, Veg. Erde, 9(3.2):614, 1921.
= **oxyloba** Welwitsch ex J.D. Hooker 1871.

petropolitana Glaziou, Bull. Soc. Bot. France, 56(mem. 3d):324, 1909, nomen nudum. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:445, 1983.
= **egregia** N.E. Brown, 1887.

philippinensis A. de Candolle, Prodr., 15(1):320, 1864. —Merrill, Philipp. J. Sci., 6:384, "1911," 1912.
= **cumingii** A. Gray, 1854.

philodendroides R. Ziesenhenne var. **philodendroides,** Begonian, 21,300, pl, 1954. [***Gireoudia***]. "*philodendrodes.*" Mexico. Fig. 4.31.

philodendroides var. **multiloba** R. Ziesenhenne, Begonian, 38:55, pl, 1971. Mexico.

phoeniogramma Ridley, J. Roy. Asiat. Soc., Straits Br., 75:35, 1917. [***Parvibegonia***]. Malaya. Fig. 28.54.
paupercula auct. non King: Ridley, 1909.

phrixophylla Blatter & McCann, J. Ind. Bot. Soc., 10:27, pl, 1931. [***Reichenheimia II***]. India. Fig. 11.6, icon.

phyllomaniaca Martius, Index Sem. Hort. Monac.,

1852. —Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :122, 1854 [= *Knesebeckia phyllomaniaca* (Martius) Klotzsch, 1854]. —A. de Candolle in Martius, Fl. Bras., 4(1):385, pls. 99–100, 1861. Mexico. Fig. 29.4. —Walpers, Ann. Bot. Syst., 4:890, 1858, non species sed taxon hybridogenum, = x *phyllomaniaca*. Delete *phyllomaniaca* at Fig. 29.4, (29;15-1), that photo is **manicata. R**

physalifolia Liebmann, Vid. Medd. Naturh. F. Kjöbenhavn 1852, :19, 1853. —A. de Candolle, Prodr., 15(1):362, 1864 [=*scandens* Swartz, 1788]. —O.E. Schulz in Urban, Symb. Antil., 7:5, 1911.
= **glabra** Aublet var. **glabra,** 1775.

physandra Merrill & Perry, J. Arnold Arbor., 24:41, pl. 1a–c, 1943. [*?*]. New Guinea. Fig. 8.46.

pickelii Irmscher, Bot. Jahrb. Syst., 74:621, 1949. [***Pritzelia***]. Brazil. Fig. 20.42.

picta J.E. Smith, Exotic. Bot., 2:81, pl. 101, 1805. —W.J. Hooker, Bot. Mag., 57:pl. 2962, 1930. —Wallich, Num. List, 129, :no. 3685B, pro parte A, 1831. [***Diploclinium II***]. India. Fig. 12.3, icon.
hirta Wallich ex W.J. Hooker, 1825.
erosa Wallich, 1831, pro parte, nomen nudum, non Blume, 1827.
echinata Royle, 1839.

picta auct. non J.E. Smith: Wallich, Num. List, 129, :no. 3685A, 1831, pro parte, —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:639, 1879. —J. Golding, Phytologia 40:17, 1978.
= **josephii** A. de Candolle var. **josephii**, 1859.

picta hort. ex Henderson, Ill. Bouquet, 1, :sub, pl. 11, 1857–1859, non J.E. Smith, 1805. —Regel, Gartenfl., 8:15, 1859 [= *Platycentrum annulatum* K. Koch ex Regel, 1859]. —A. de Candolle, Prodr., 15(1):350, 1864 [= *griffithii* W.J. Hooker, 1857]. —Irmscher, Bot. Jahrb. Syst., 78:191, 1959.
= **annulata** K. Koch, 1857.

picta auct. non J.E. Smith: hort. Jackson ex W.J. Hooker, Bot. Mag., 85:pl. 5107, 1859, pro syn. *xanthina* W.J. Hooker var. *pictiflora* W.J. Hooker, 1859. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:644, 1979.
= **xanthina** W.J. Hooker var. **xanthina,** 1852.

pierrei Gagnepain, Bull. Mus. Hist. Nat. (Paris), 25:276, pl, 1919. [***Reichenheimia III***]. Vietnam. Fig. 23.24.

pigmaea hort. ex A. Van den Heede, Rev. Hort. Belge Étrangerè, 29:23, 1903, nomen nudum.

pilderia A. de Candolle, Prodr., 15(1):380, 1864. —L.B. Smith & B.G. Schubert, Caldasia, 4:100, 1946.
= **buddleiifolia** A. de Candolle, 1859.

pilderifolia C. de Candolle in Huber, Bull. Herb. Boissier, II, 1:315, 1901. [***Pritzelia ?***]. Brazil. Fig. 17.17.

pilgeriana Irmscher, Bot. Jahrb. Syst., 76:66, 1953. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):113, pl. 34, 1971. [***Pritzelia***]. Brazil. Fig. 3.46.

pilifera A. de Candolle, Prodr., 15(1):337, 1864. —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:173, 1961 [= *lindleyana* auct. non Walpers: L.B. Smith & B.G. Schubert, 1946]. —K. Burt–Utley, Phytologia, 54:487, 1984.
= **sericoneura** Liebmann, 1853.

pilosa Jack, Malay Misc., 2(7):13, 1822. [***Petermannia***]. Indonesia: SumatraSine figura; (11;17-1). **R**
Diploclinium pilosum (Jack) Miquel, 1856.

pilosella Irmscher, Bot. Jahrb. Syst., 74:598, 1949. [***Ruizopavonia***]. Peru. Fig. 14.29.

pinamalayensis Merrill, Philipp. J. Sci., 26:479, 1925. [***Diploclinium I***]. Philippines. Fig. 25.21.

pinetorum A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:131. 1859. —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:178, 1961. —J. Golding, Phytologia, 40:458, 1978.[sine syn. **glandulosa** W.J. Hooker, 1861, nomen confusum; *nigrovenia* hort. Linden ex W.J.

Hooker, 1861, et Regel, 1867] —R. Ziesenhenne, Begonian, "49" 48:186, 1981. —K. Burt–Utley, Brittonia, 36:233, 1984. [***Gireoudia***]. Mexico, Guatemala. Fig. 22.4. **R**

tuerckheimii C. de Candolle, 1895.

pingbienensis C.Y. Wu var. **pingbienensis** Acta Phytotax, Sin., 33(3):258, pl. 7, 1995. [***Diplocliniuum I***]. China (Yunnan), Vietnam. Fig. S108, icon (9;33-1a). **N**

pingbienensis var. **angustior** C.Y. Wu, Acta Phytotax, Sin., 33(3):259,1995.Vietnam.

pinheironis L.B. Smith ex S.F. Smith & D.C. Wasshausen, Selbyana 20(1):21, pl.5, 1999. [***Pritzelia ?***]. Brazil. Fig. S211, (31;4-1a). **N**

pinnatifida Merrill & Perry, J. Arnold Arbor., 24:51, pl. 4h, 1943. [***Petermannia***]. New Guinea. Fig. 6.7, icon.

piperoides Linden catalog, 1871, non visus. —Buxton Check Listof Begonias :188, 1957. [*?*].

piresiana Handro, Loefgrenia, 14:1, 1964. [***Pritzelia***]. Brazil. Fig. 29.30.

pittieri C. de Candolle, Bull. Herb. Boissier, II, 8:316, 1908. —L.B. Smith & B.G. Schubert, Ann. Missouri Bot. Gard., 45:62, 1958. Costa Rica.

= **heydei** C. de Candolle, 1895.

piurensis L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:197, 1941 —emend.. L.B. Smith & D.C. Wasshausen, Phytologia, 53:298, pl. 3, 1983. [***Knesebeckia***]. Ecuador. Fig. 30.38.

plagiata Linden ex A. de Candolle, Prodr., 15(1):312, 1864, pro syn. **oaxacana** A. de Candolle var. **pilosula** A. de Candolle, 1864. **R**

plagioneura Milne–Redhead, Bull. Misc. Inform., :270, 1930. —Irmscher, Pareys Blumengart., ed. 2, :88, 1960.

= **cubensis** Hasskarl, 1858.

plantaginea L.B. Smith & B.G. Schubert, Contr. Gray Herb., 154:24, 1945. [***Gireoudia***]. Mexico. Fig. 13.2. **R**

platanifolia Schott in Sprengel, Syst. Veg., 4(App) :407, 1827. —Graham, Bot. Mag., 64:pl. 3591, 1837. [***Knesebeckia***]. Brazil. Fig. 4.25.

washingtoniana hort. ex C. Chevalier, 1938.

platanifolia Schott var. *acuminatissima* Kuntze, Revis. Gen. Pl., 3(2):106, 1898. —T. O'Reilly & C. Karegeannes, Begonian, 50:144, 1983.

= **leathermaniae** T. O'Reilly & C. Karegeannes, 1983.

platanifolia Schott var. *ohlendorffiana* H.G. Reichenbach f., Gard. Chron., II, 10:780, 1878. —Irmscher, Pareys Blumengart., ed. 2, :89, 1960.

= **olbia** Kerchove, 1883.

platyphylla Merrill, Philipp. J. Sci., 10:46, 1915. [***Petermannia***]. Philippines. Fig. 30.37.

platyptera Urban, Ark. Bot., 23A(5):94, 1930. [***Begonia***]. West Indies: Haiti. Fig. 29.16.

plebeja Liebmann, Vid. Medd. Naturh. F. Kjöbenhavn 1852, :8, 1853. —K. Burt–Utley, Tulane Studies Zool. Bot., 25(1):102, 1985. [***Gireoudia***]. Mexico and Central America. Fig. S164, (22;28-1) &(22;30-2), it replaces Fig. 22.11, that photo is of **lindleyana**. **R**

Gireoudia plebeja (Liebmann) Klotzsch, 1854.

leptophylla C. de Candolle, 1908. non Taubert, 1896

ripicola C. de Candolle, 1908.

tenuipila C. de Candolle, 1908.

fissuarum C. de Candolle, 1919.

uvana C. de Candolle, 1919.

barsalouxiae Standley & Williams, 1950.

plebeja Liebmann var. *kennedyi* (Houghton) Ziesenhenne, 1959.

tenuipila C. de Candolle var. *kennedyi* R. Ziesenhenne, 1977.

glandulosa auct. non W.J. Hooker: J.D. Smith,1895.

plebeja Liebmann var. *kennedyi* (Houghton) Ziesenhenne, Begonian, 26:62, pl, 1959;

Begonian, 44:100, 1977 [= *tenupila* C. de Candolle var. *kennedyi* Ziesenhenne, 1977]. —K. Burt-Utley, Tulane Studies Zool. Bot., 25(1):103, 1985. **R**
= **plebeja** Liebmann, 1853.

pleioclada Irmscher, Webbia, 9:488, 1953. [***Petermannia***]. Borneo: Sarawak. Fig. 14.49.

pleiopetala A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:121, 1859. [***Eupetalum***]. Bolivia, Peru. (Fig. 8.33) .
pusilla A. de Candolle, 1859. Fig. 8.33.
warburgiana Hieronymus, 1895.

plumieri A. de Candolle var. **plumieri**, Prodr., 15(1):295, 1864. [***Begonia***]. Haiti, Santo Domingo. Fig. 30.28, icon.
Begonia roseo flore, foliis acutioribus auritis et late crenatis Plumier, 1700.
obliqua Linnaeus var. *epsilon* Linnaeus, 1753.

plumieri A. de Candolle var. **barahonensis** O.E. Schulz in Urban, Symb. Antil., 7:23, 1911. —Urban in Fedde, Repert., 18:193, 1922 [= *barahonensis* Urban, 1922]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,466, 1984, nomen legitimum.
barahonensis (O.E. Schulz) Urban 1922.

pluvialis L.B. Smith ex S.F. Smith & D.C. Wasshausen, Selbyana 20(1):22, pl.6, 1999. [***Pritzelia***]. Brazil. Fig. S216, (32;80-2a). **N**

poculifera J.D. Hooker var. **poculifera**, in Oliver, Fl. Trop. Afr., 2:574, 1871. —J.J. de Wilde & J.C. Arends, Misc. Pap. Landbouwhogesch. Wageningen, 19:398, 1980. Tropical Africa. Fig. 25.9, (Fig 27-1, icon), (Fig. S14). **R**
haullevilleana De Wildeman, 1908. Fig 27-1, icon.
adolfi-friderici Gilg 1913, Fig. S14, (14;38-2).

poculifera J.D. Hooker var. **teusziana** (J. Braun & K. Schumacher) J.J. de Wilde, Misc. Pap. Landbouwhogesch. Wageningen, 19:404, pl.4, 1980. **R**
teusziana J. Braun & K. Schumacher, 1889.

poecila K. Koch in K. Koch & G.A. Fintel Wochensch. Gartneirei Pflanzenk., :338, 1858. [***Platycentrum***]. India: Himalaya. Sine figura.

poeppigiana (Klotzsch) A. de Candolle, Prodr., 15(1):376, 1864. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,469, 1984. [= **foliosa** Kunth in Humboldt, Bonpland & Kunth var. **australis** L.B. Smith & B.G. Schubert, 1946]. — L. Dorr, Harvard Papers in Botany 4(1):259, 1999.
= **foliosa** Kunth in Humboldt, Bonpland & Kunth var **foliosa**, 1825.

poggei Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):141, pl. 48H, 1894, nomen nudum; Bot. Jahrb. Syst., 22:35, 1895. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:72, 77, 2002 **R**
= **eminii** Warburg, 1895.

poggei Warburg var. *albiflora* Th. Durand & H. Durand, Syll. Fl. Congol., :234, 1909. —Wilczek, Fl. Congo, Rwanda, Burundi, :27, 1969.—J.J. de Wilde, Wageningen Univ. Papers, 2001-2:77, 2002
= **eminii** Warburg, 1895.

poggei Warburg var. *flore albo* C. de Candolle ex De Wildeman & Th. Durand, Ann. Mus. Cong. Bot., III, 1:104, 1908. —Th. Durand & H. Durand, Syll. Fl. Congol., :234, 1909.—J.J. de Wilde, Wageningen Univ. Papers, 2001-2:77, 2002.[= *poggei* Warburg var. *albiflora* Th. Durand & H. Durand, 1909]. **R**
= **eminii** Warburg, 1895.

pohliana Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, 122, 1854, nomen nudum.

pohliana Klotzsch, Abh. Königl. Preuss. Akad. Wiss. Berlin, 1854, :152, 1855; Begoniac., :33, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):346, 1861 [= *macroptera* var. *pohliana* A. de Candolle, 1861]. —L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 40:245, 1950 [= *patula* Haworth, 1819]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:469, 1984.
= **fischeri** Schrank var. **macroptera** (Klotzsch) Irmscher, 1953.

poikilantha Gilg ex Engler, Veg. Erde, 9(3.2):617, 1921. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):186, 1994. **R**
= **quadrialata** Warburg subsp. **quadrialata** var. **quadrialata** M. Sosef, 1994.

polyandra Irmscher, Bot. Jahrb. Syst., 76:43, 1953. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):64, pl. 19, 1971. [***Pritzelia***]. Brazil. Fig. 15.8.
blumenaviensis Irmscher, 1953.
blumenaviensis Irmscher subsp. *brachyphylla* Irmscher, 1953.

polyantha Léveillé, Cat. Pl. Yun–Nan, :17, 1916, in adnot. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:503, 1939.
= **labordei** Léveillé, 1904.

polyantha Ridley, J. Fed. Malay States Mus., 8(4):38, 1917, non Léveillé, 1916. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:469, 1984. **R**
= **sychnantha** L.B. Smith & D.C. Wasshausen, 1984.

polygonata Liebmann, Vid. Medd. Naturh. F. Kjöbenhavn 1852, :12, 1853. [***Gireoudia***]. Mexico. Fig. 2.3.
Rachia polygonata Klotzsch ex A. de Candolle, 1864.

polygonata Liebmann var. *longistipulacea* Hemsley, Biol. Cent. Amer. Bot., 1:498, 1880, nomen nudum. Mexico.

polygonifolia A. de Candolle var. **polygonifolia** in Martius, Fl. Bras., 4(1):362, 1861. [***Wageneria***]. Brazil. Fig. 20.5.
Wageneria brasiliensis Klotzsch, 1855.

polygonifolia A. de Candolle var. **differens** LB. Smith ex S.F. Smith & D.C. Wasshausen, Selbyana 20(1):24, pl.7, 1999. S156, (20;13-2a). **N**

polygonoides J.D. Hooker in Oliver, Fl. Trop. Afr., 2:571, 1871. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:187, pl. 21, 2002. [***Tetraphila***]. Guinea to Congo. Fig. 14.25. **R**
cataractarum J. Braun & K. Schumacher, 1889.
epilobioides Warburg, 1895.
rhipsaloides A. Chevalier, 1912.

polygonoides Ridley, J. Roy. Asiat. Soc., Straits Br., 46:254, 1906, non J.D. Hooker, 1871. —Irmscher, Bot. Jahrb. Syst., 76:100, 1953. **R**
= **xiphophylla** Irmscher, 1953.

polypetala A. de Candolle, Garden, :531, 1878. [***Eupetalum***]. Peru. Fig. 8.28.

polytricha C.Y. Wu, Acta Phytotax, Sin., 33(3):275, pl. 21,1995. [***Platycentrum*** **?**]. China: Yunnan. Fig. S117, icon (11;17-2a). **N**

popenoei Standley, Field Mus. Nat. Hist., Bot. Ser., 8:142, 1930. [***Weilbachia*** **?**]. Central America: Honduras. Fig. 24.21.

populifolia Kunth in Humboldt, Bonpland & Kunth, Nov. Gen. Sp., 7:folio 142, quarto 185, pl. 643, 1825. —Walpers, Ann. Bot. Syst., 4:890, 1858 [= *Knesebeckia balmisiana* Klotzsch, 1855]. —A. de Candolle, Prodr., 15(1):308, 1864. **R**
= **balmisiana** Balmis var. **balmisiana,** 1794.

populifolia Schott in Sprengel, Syst. Veg., 4(app) :408, 1827, non Kunth in Humboldt, Bonpland & Kunth, 1825. —Steudel, Nom. Bot., ed 2, 1:194, 1840 [= *scandens* Swartz, 1788]. —O.E. Schulz in Urban, Symb. Antil., 7:5, 1911.
= **glabra** Aublet var. **glabra,** 1775.

populifolia auct. non Kunth in Humboldt, Bonpland & Kunth: Liebmann, Vid. Medd. Naturh. F. Kjöbenhavn 1852, :16, 1853. —A. de Candolle, Prodr., 15(1):303, 1864 [= *tovarensis* Klotzsch, 1855]. —L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 40:245, 1950 [= *patula* Haworth, 1819]; Ann. Missouri Bot. Gard., 45:57, 1958 [= *fischeri* Schrank var. *tovarensis* Irmscher, 1953]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:469, 1984.
= **fischeri** Schrank var. **fischeri,** May 1820.

populnea A. de Candolle, Ann. Sci. Nat. Bot., IV,

11:128, 1859; in Martius, Fl. Bras., 4(1):353, pl. 92, 1861. —Irmscher, Bot. Jahrb. Syst., 76:29, 1953.
= **integerrima** Sprengel var. **integerrima,** 1820.

porteana Van Geert, Cat., :90, 1881. [*?*]. Philippines. Descriptione inchoata.

porteriana Fischer, Meyer & Ave-Lallemant, Index Sem. Hort. Petrop., 8:51, 1842. —A. de Candolle in Martius, Fl. Bras., 4(1):344, 1861.
= **humilis** Dryander var. **porteriana** A. de Candolle, 1861.

porteri Léveillé & Vaniot var. **porteri,** Repert. Spec. Nov. Regni Veg., 9:20, 1910, [***Coelocentrum***]. China. Fig. 26.13.
bellii Léveillé, 1914.

porteri Léveillé & Vaniot var. **macrorhiza** Gagnepain in Lecomte, Fl. Indo-Chine, 2:109, 1921. Vietnam.

portillana S. Watson, Proc. Amer. Acad. Arts, 22:414, 1887. [***Quadriperigonia***]. Mexico. Fig. 5.30.

portoricensis A. de Candolle, Prodr., 15(1):295, 1864. —O.E. Schulz in Urban, Symb. Antil., 7:9, 1911.
= **decandra** Pavon ex A. de Candolle, 1859.

postarii Kiew, Gardens' Bull. Singapore 50:165, pl. 1, 1998. [***Petermannia***]. Borneo: Sabah. Fig. S239, icon (28;72-1a). **N**

potamophila Gilg, Bot. Jahrb. Syst. 34:89. 1904. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):171, fig. 16.10, 1994.[***Lousibegonia***]. Cameroon, Gabon, Congo. Fig. 2.21. (Fig. 3.11). **R**
macropoda Gilg, 1904.
batesii C. de Candolle, 1925. Fig. 3.11.

potamophila auct. non Gilg: Fernandes, Consp. Fl. Angol., :299, 1970. --M. Sosef, Wageningen Agric. Univ. Papers, 94(1):186, 1994. **R**
= **quadrialata** Warburg subsp. **quadrialata** var. **quadrialata** M. Sosef, 1994.

potamophila auct. non Gilg: Wilczek, Fl. Congo, Rwanda, Burundi :33, 1969. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):154, 1994.
= **atroglandulosa** M. Sosef subsp. **tshelaensis,** 1992.

praeclara King, J. Asiat. Soc. Beng., pt. 2, Nat. Hist., 71:66, 1902. —Ridley, J. Fed. Malay States Mus., 4:21, 1909; Fl. Malay Penins., 1:863, 1922. **R**
= **decora** Stapf, 1892.

praerupta Irmscher, Bot. Jahrb. Syst., 74:599, 1949. [***Lepsia ?***]. Colombia. Fig. 17.27.

preseriana hort, Floric Cab. & Florist's Mag., 11:264, 1843. [*?*]. Descriptione inchoata.

preussii Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A) :141, 1894, nomen nudum; Bot. Jahrb. Syst., 22:36, 1895. —Keay in Hutchinson & Dalziel, Fl. W. Trop. Afr., ed. 2, 1:220, 1954.[pro syn **eminii** Warburg, 1895, sphalmate]. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:195, 2002 nomen legitimum. [***Tetraphila***]. Nigeria, Cameroon, Equatorial Guinea. (Fig. 14.19), (Fig. 19.1), (Fig. 20.35). **R**
sessilanthera Warburg, 1895. Fig. 19.1.
buchholzii Gilg, 1904. Fig. 20.35.

prieurii A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:142, 1859. "*prieurei.*" [***Doratometra***]. Guianas. Fig. 28.45.

princeae Gilg, Bot. Jahrb. Syst., 30:361, pl, 1901. —Kupicha in Launert, Fl. Zambesiaca, 4:501, 1978. [***Augustia***]. Tropical Africa. Fig. 28.49, icon. **R**
verdickii De Wildeman, 1903.
homblei De Wildeman, 1915.
subacuto-alata De Wildeman, 1915.
wellmanii Gilg ex Engler, 1921.
princeae Gilg var. princeae f. *princeae* Irmscher, 1961.
princeae Gilg var. princeae f. *grossidentata* Irmscher, 1961.
princeae Gilg var. princeae f. *vulgata* Irmscher, 1961.
princeae Gilg var. *rhodesiana* Irmscher, 1961.
princeae Gilg var. rhodesiana f. *rhodesiana* Irmscher, 1961.

princeae Gilg var. rhodesiana f. *racemigera* Irmscher, 1961.
princeae Gilg var. *racemigera* (Irmscher) Wilczek, 1969.

princeae Gilg var. princeae f. *princeae* Irmscher, Bot. Jahrb. Syst., 81:118, 1961. —Kupicha in Launert, Fl. Zambesiaca, 4:501, 1978. **R**
= **princeae** Gilg, 1901.

princeae Gilg var. *princeae* f. *grossidentata* Irmscher, Bot. Jahrb. Syst., 81:119, 1961. —Kupicha in Launert, Fl. Zambesiaca, 4:501, 1978. **R**
= **princeae** Gilg, 1901.

princeae Gilg var. princeae f. *vulgata* Irmscher, Bot. Jahrb. Syst., 81:120, 1961. —Wilczek, Fl. Congo, Rwanda, Burundi, :44, 1969. **R**
= **princeae** Gilg, 1901.

princeae Gilg var. rhodesiana f. *rhodesiana* Irmscher, Bot. Jahrb. Syst., 81:121, 1961. —Kupicha in Launert, Fl. Zambesiaca, 4:501, 1978. **R**
= **princeae** Gilg, 1901.

princeae Gilg var. *rhodesiana* f. *racemigera* Irmscher, Bot. Jahrb. Syst., 81:122, 1961. —Wilczek, Fl. Congo, Rwanda, Burundi, :45, 1969 [= *princeae* Gilg var. *racemigera* Wilczek, 1969]. —Kupicha in Launert, Fl. Zambesiaca, 4:501, 1978. **R**
= **princeae** Gilg, 1901.

princeae Gilg var. *rhodesiana* Irmscher, Bot. Jahrb. Syst., 81:120, 1961. —Kupicha in Launert, Fl. Zambesiaca, 4:501, 1978. **R**
= **princeae** Gilg, 1901.

princeae Gilg var. *racemigera* (Irmscher) Wilczek, Fl. Congo, Rwanda, Burundi, :45, 1969. —Kupicha in Launert, Fl. Zambesiaca, 4:501, 1978. **R**
= **princeae** Gilg, 1901.

princeps A. de Candolle var. **princeps**, in Martius, Fl. Bras., 4(1):357, 1861. [***Pritzelia***]. Brazil. Fig. S24, (22;48-1), (24; 41.2). **R**
princeps hort. Berol. ex Klotzsch, 1854.
libonica hort. Berol. ex Klotzsch, 1855.
Pritzelia princeps Klotzsch, 1855.

princeps A. de Candolle var. **parviflora** A. de Candolle in Martius, Fl. Bras., 4(1):357, 1861. Brazil.

princeps hort. Berol. ex Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854, pro syn. *Pritzelia princeps* Klotzsch, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):357, 1861.
= **princeps** A. de Candolle var. **princeps**. 1861.

principalis F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2:101, 1974, sphalmate pro *laciniata* Roxburgh subsp. *principalis* Irmscher, 1939.

pringlei S. Watson, Proc. Amer. Acad. Arts, 26:136, 1891. [***Gireoudia***]. Mexico. Fig. 22.18.
kraussiantha Irmscher, 1959.

prionophylla Irmscher, Bot. Jahrb. Syst., 74:597, 1949. [***Ruizopavonia***]. Peru. Fig. 17.29.

prismatocarpa W.J. Hooker subsp. **prismatocarpa** M. Sosef, Wageningen Agric. Univ. Papers, 94(1):175, fig. 16.11, 1994. [***Loasibegonia***]. Equatorial Guinea: Bioko (formerly Fernando Poo). (Fig. 5.17, icon) . **N**
prismatocarpa W.J. Hooker, 1862. Fig. 5.17.

prismatocarpa W.J. Hooker subsp. **delobata** M. Sosef, Wageningen Agric. Univ. Papers, 94(1):179, 1994. Cameroon.. **N**
prismatocarpa auct. non W.J. Hooker pro parte: Hutchinson, Dalziel & Keay, 1954.

prismatocarpa W.J. Hooker subsp. **petraea** (A. Chevalier) M. Sosef, Wageningen Agric. Univ. Papers, 94(1):179, 1994. Ivory Coast. **N**
petraea A. Chevalier, 1912.
prismatocarpa auct. non W.J. Hooker: A. Chevalier, 1920.

prismatocarpa W.J. Hooker, Bot. Mag., 88:pl. 5307, 1862. Fig. 5.17, icon. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):175, 1994.
= **prismatocarpa** W.J. Hooker subsp. **prismatocarpa** M. Sosef, 1994.

prismatocarpa auct. non W.J. Hooker: A. Chevalier, Expl. Bot. Afr. Occ. Fr., 1:298, 1920; Hutchinson, Dalziel & Keay, Fl. W. Trop. Afr., ed. 2, 1(1):219, 1954, pro parte. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):179, 1994. **N**
= **prismatocarpa** W.J. Hooker subsp. **petraea** (A. Chevalier) M. Sosef, 1994.

prismatocarpa auct. non W.J. Hooker pro parte: Hutchinson, Dalziel & Keay, Fl. West Trop. Afr. ed. 2, 1(1):219, 1954; de Lange & Bouman, Wageningen Agric. Univ. Papers, 91(4):21, pl. 16B (as *B. aff. prismatocarpa*), "1991," 1992. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):179, 1994. **N**
= **prismatocarpa** W.J. Hooker subsp. **delobata** M. Sosef, 1994.

procridifolia Wallich, Num. List, 213, :no. 6292, 1831, nomen nudum. —Wallich ex A. de Candolle, Prodr., 15(1):352, 1864. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:648, 1879. [***Parvibegonia***]. Burma. Fig. 17.30.

procumbens Vellozo, Fl. Flum., icon., 10:pl. 36, "1827," 1831; descr., Arch. Mus. Nat. Rio de Janeiro, 5:403, 1881. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,469, 1984.
= **radicans** Vellozo, 1831.

prolifera A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:135, 1859. [***Monophyllon***]. Burma, Malaya. Fig. 11.17.

prolixa Craib, Bull. Misc. Inform., :413, 1930. [***Platycentrum***]. Siam. Fig. 23.31.

promethea Ridley, J. Roy. Asiat. Soc., Straits Br., 46:259, 1906. [***Petermannia ?***]. Sarawak. Fig. 22.2.

propinqua Ridley, J. Roy. Asiat. Soc., Straits Br., 46:249, 1906. [***Petermannia***]. Borneo: Sarawak. Fig. 28.62.

prostrata Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:516, 1939. [***Sphenanthera***]. China. Fig. 23.2.

pruinata (Klotzsch) A. de Candolle, Prodr., 15(1):338, 1864. [***Gireoudia***]. Costa Rica. Fig. 3.37. **R**
Gireoudia pruinata Klotzsch, 1854, nomen nudum.
pruinosa hort, 1881.

pruinosa hort, Garden, 19:226, 1881. —Bates et al Hortus Third, :151, 1976.
= **pruinata** (Klotzsch) A. de Candolle, 1864.

pryeriana Ridley, J. Roy. Asiat. Soc., Straits Br., 46:252, 1906. [***Petermannia***]. Borneo: Sarawak. Sine figura; (20;18-1), (20; 68-1), (20;78-1) & (21; 35-2). **R**

pseudimpatiens Gilg, Bot. Jahrb. Syst., 34:93, 1904. —Keay in Hutchinson & Dalziel, Fl. W. Trop. Afr., ed. 2, 1:219, 1954.
= **macrocarpa** Warburg, 1895.

pseudisoptera Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:112, 1929. [***Petermannia***]. Malaya. Fig. 21.28. — Kiew, Malayan Nature J, 47:312, 1994. **R**
= **wrayi** Hemsley, 1887

pseudodryadis C.Y. Wu, Acta Phytotax, Sin., 33(3):276, pl. 22, 1995. —S.H. Huang, & Y.M. Shui, Acta Bot. Yunnanica, 21(1):23, pl. 8, figs. 11-14, 1999 [***Platycentrum***]. China: Yunnan Fig, S167, icon (23;3-2a). **N** .

pseudoglauca Irmscher, Bot. Jahrb. Syst., 74:578, 1949. [***Cyathocnemis***]. Peru. Sine figura, (30;108-2)& (33; 49-2). **R**

pseudolateralis Warburg in Perkins, Fragm. Fl. Philipp., :51, 1904. —M.C. Tebbitt & J.H. Dickson, Brittonia,52(1):115, 2000. [***Petermannia***]. Philippines. Fig. 28.15.
Mezierea salaziensis Gaudichaud var. *calleryana* A. de Candolle, 1864.
aptera Blume var. *calleryana* Fernandez-Villar, 1880.
salaziensis Warburg var. *calleryana* Merrill, 1912, pro syn.
lateralis Elmer ex Merrill, 1923.

pseudolubbersii Brade, Arq. Jard. Bot. Rio de Janerio, 15:36, pl. 5, 1957. [***Gaerdtia***]. Brazil. Fig. 20.40, icon. fide J. Doorenbos in litteris to J. G. Nov. 6, 1998 = lubbersii ?

pseudovaleri Begonian, 14:104, 1947, nomen nudum. Costa Rica.

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subtilis Irmscher, 1961. Fig. 8.9.

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megaptera auct. non A. de Candolle, Yü, 1948.

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hirsuta Brace ex Ridley, 1906.

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cylindricaulis Brade, 1954.
Riessia pulchella (Raddi) Klotzsch, 1854.

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pulchra herb. Schreb. ex A. de Candolle, Prodr., 15(1):293, 1864 [= *nitida* Dryander in Aiton, 1789]. —O.E. Schulz in Urban, Symb. Antil., 7:10, 1911.
= **minor** Jacquin, 1787.

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pumila Craib, Bull. Misc. Inform., :414, 1930. [***Ridleyella*** ?]. Siam. Fig. 3.23.

pumilio Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:102, pl. 1:fig. 1, 1929. [***Reichenheimia III***]. Siam. Fig. S1, (2;4-2). **R**

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= **conchifolia** Dietrich var. **conchifolia,** 1851.

punbatuensis Kiew, Gardens' Bull. Singapore 53:279, pl. 9, 2001. [***Petermannia***]. Borneo: Sabah. Editus sero pro clave. **N**

punctata hort. ex Steudel, Nom. Veg, ed. 2,1:194, 1840.
= **maculata** Raddi var. **maculata,** 1820.

punctata Klotzsch in Link, Klotzsch, & Otto, Icon. Pl. Rar., (1):17, pl. 7, 1840. —A. de Candolle, Prodr., 15(1):335, 1864. **R**
= **heracleifolia** Schlechtendal & Chamisso var. **punctata** F. Cels, 1842.

purdieana A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:124, 1859. [***Begonia***]. Jamaica. Fig. 24.11.

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= **jamaicensis** A. de Candolle, 1859.

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[***Platycentrum***]. China: Yunnan. Fig. S115, icon (11;8-2a). **N**

purpusii Houghton ex R. Ziesenhenne, Begonian, 27:206, pl, 1960. [***Weilbachia***]. Mexico. Fig. 33.7.

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pustulata Liebmann, Vid. Medd. Naturh. F. Kjöbenhavn 1852, :6, 1853. [***Weilbachia***]. Mexico. Fig. 22.34.
Weilbachia pustulata (Liebmann) Klotzsch, 1855.

putii Craib, Gard. Chron., III, 83:67, 1928. [***Diploclinium III***]. Siam. Fig. 8.7.

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= **foliosa** Kunth in Humboldt, Bonpland & Kunth var **foliosa**, 1825.

putzeysii hort, Rev. Hort., 5:158, 1859. Descriptione inchoata. [*?*].

pycnantha Urban & Ekman, Ark. Bot., 23A(5):93, 1930. [***Begonia***]. West Indies: Haiti. Fig. 32.26.

pycnocaulis Irmscher, Bot. Jahrb. Syst., 81:180, 1961. —Kazenga, J.J. deWilde & Quené, Bull. Jard. Bot. Belg., 63:289, 1994.
= **oxyloba** Welwitsch ex J.D. Hooker, 1871.

pygmaea Irmscher, Bot. Jahrb. Syst., 81:114, 1961. [***Augustia***]. Zambia. Fig. S201, (28;20-2). **R**

pyrifolia Kunth ex Otto, Hamburger Garten–Blumenzeitung, 8:9, 1852, nomen nudum.

pyrrha Ridley, J. Roy. Asiat. Soc., Straits Br., 46:260, 1906 [***Diploclinium I*** ?]. Borneo: Sarawak. Sine figura, (9; 3-1). **R**

quadrialata Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A) :140, pls. 47A, 48J, 1894; Bot. Jahrb. Syst., 22:43, 1895. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):186, 1994. Fig. 2.19. **R**
= **quadrialata** Warburg subsp. **quadrialata** var. **quadrialata** M. Sosef, 1994.

quadrialata Warburg subsp. **quadrialata** var. **quadrialata** M. Sosef, Wageningen Agric. Univ. Papers, 94(1):186, fig. 16.14. 1994. [***Loasibegonia***]. Sierra Leone, Cameroon, Gabon, Congo, Zaire, Angola. (Fig. 2.19) . **N**
quadrialata Warburg 1894. Fig. 2.19.
whytei Stapf, 1905.
calabarica Stapf, 1906.
modica Stapf, 1908.
poikilantha Gilg ex Engler, 1921, pro syn.
quadrialata Warburg, 1984.
quadrialata Warburg var. speciosa Irmscher, 1961.
potamophila auct. non Gilg: Fernandes, 1970.

quadrialata Warburg subsp. **quadrialata** Mvar. **pilosa** M. Sosef, Wageningen Agric. Univ. Papers, 94(1):193, 1994. Liberia, Ivory Coast, Guiana, Nigeria, Congo. **N**
quadrialata auct. non Warburg: Guillaumin, 1907.

quadrialata Warburg subsp. **dusenii** (Warburg) M. Sosef, Wageningen Agric. Univ. Papers, 94(1):194, fig. 16.14, 1994. Cameroon. **N**
dusenii Warburg 1895.

quadrialata Warburg subsp. **nimbaensis** M. Sosef, Wageningen Agric. Univ. Papers, 94(1):194, fig. 16.15, 1994. Mount Nimba: Guinea, Liberia, Ivory Coast. Fig, S54, (2:25-1a). **N**
species ex Liberia, Legro & Doorenbos, 1973.
quadrialata Warburg subsp. *nimbaensis* (provisional name) de Lange & Bouman, 1992.
leichtiana Irmscher ex M. Sosef, 1994, ms name, pro syn.

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= **atroglandulosa** M. Sosef subsp. **tshelaensis** M. Sosef, 1992.

quadrialata auct. non Warburg: Guillaumin, Recherches végét. et flore rég. Bas-Cavally, :80, 173, 219, etc., 1907. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):193, 1994. **N**
= **quadrialata** Warburg subsp. **quadrialata** var. **pilosa** M. Sosef, 1994.

quadrialata auct. non Warburg: De Wildeman, Ann. Mus. Congo. Bot., V, 2:321, 1908; T. & H. Durand, Syll. Fl. Congo, :234, 1909, pro parte ; De Wildeman, Ann. Mus. Congo Bot. V, 3:451, 1912; Wilczek, Fl. Congo, Rwanda, Burundi, :38, pl. 4, 1969. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):259. **N**
= **mildbraedii** Gilg 1913.

quadrialata Warburg var. *speciosa* Irmscher, Bot. Jahrb. Syst., 81:182, 1961. —Fernandez, Consp. Fl. Angola, 4:298, 1970. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):186, 1994.
= **quadrialata** Warburg **quadrialata** M. Sosef var. **quadrialata** M. Sosef, 1994.

quadrialata auct. non Warburg: Wilczek, Fl. Congo, Rwanda, Burundi, :38, 1969. —M. Sosef, Wageningen Agric. Univ. Papers, 91(4):145, "1991," 1992; Wageningen Agric. Univ. Papers, 94(1):283, 1994. **N**
= **zairensis** M. Sosef var. **zairensis**, 1992.

quadrialata auct. non Warburg: Adam, Fl. descr. Mount Nimba, :328, pl. 81, 1971. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):194, 1994. **N**
= **quadrialata** Warburg subsp. **nimbaensis** M. Sosef, 1994.

quadrialata subsp. *nimbaensis* (provisional name) de Lange & Bouman, Wageningen Agric. Univ. Papers, 91(4):18, "1991," 1992. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):179, 1994. **N**
= **quadrialata** Warburg subsp. **nimbaensis** M. Sosef, 1994.

quadrilocularis Brade, Rodriguesia, 18:21, pl. 6, 1945. —L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 45:114, 1955.
= **egregia** N.E. Brown, 1887.

quaternata L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 40:244, pl. 1p–s, 1950. —K. Burt–Utley, Tulane Studies Zool. Bot., 25(1):66, 1985. [***Gireoudia***]. Panama. Fig. 22.22. **R**

quercifolia A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:129, 1859. [***Petermannia***]. Philippines. Fig. 6.2.
leytensis Elmer, 1910.

quetamensis L.B. Smith & B.G. Schubert, Caldasia, 4:8, pl. 1, 1946. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:469, 1984. Fig. 23.19, icon.
= **novogranatae** A. de Candolle, 1864.

quintasii C. de Candolle, Bol. Soc. Brot., 10:122, 1892. —Keay in Hutchinson & Dalziel, Fl. W. Trop. Afr., ed. 2, 1:220, 1954.
= **annobonensis** A. de Candolle, 1859.

rabilii Craib, Bull. Misc. Inform., :415, 1930. [***Reichenheimia III*** **?**]. Siam. Fig. 2.31.

racemiflora Ortigies ex C. Chevalier, Begonias, :151, 1938. [***Quadriperigonia*** **?**]. Mexico. Descriptione inchoata.

racemosa Jack, Malay Misc., 2(7):14, 1822. [***Petermannia***]. Sumatra. Sine figura, (21;65-1a).
Petermannia racemosa (Jack) Klotzsch, 1854.
Diploclinium racemosum (Jack) Miquel, 1856.

radiata Graham, Edinburgh New Philos. J., :182, 1833. —Link & Otto, Allg. Gartenzeitung, 4:348, 1836.
= **heracleifolia** Schlechtendal & Chamisso var. **heracleifolia**, 1830.

radicans Vellozo, Fl. Flum., icon., 10:pl. 39. "1827," 1831; descr., Arch. Mus. Nat. Rio de Janeiro, 5:404, 1881.[***Solananthera***]. Brazil. Fig. 9.14, icon.
procumbens Vellozo, 1831.
sandersii hort. Kew ex A. de Candolle, 1864, nomen nudum.
limmingheana Morren, 1866.
coccinea W.J. Hooker var. *A. de Liming* Regel, 1868.
coccinea W.J. Hooker var. *Comte Alfred de Limering* Regel, 1868.
limminghei Pynaert, 1875.
dubia Vellozo, 1881, non Haworth, 1819.
liminghi hort. 1885.
glaucophylla J.D. Hooker, 1892.
glaucophylla J.D. Hooker, var. *scandens* hort. ex Fotsch, 1933.
glaucophylla J.D. Hooker var. *splendens* hort. ex Fotsch, 1933.
fritz–muelleri Brade, 1944.

rafael-torresii K. Burt-Utley, Brittonia, 42:38, pl. 1, 1990. [***Gireoudia***]. Mexico. Fig. S184, icon (25;56-2b). **N**

ragozinii Schwacke, Pl. Nov. Mineiras, 2:4, pl. 3, 1900. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:445, 1983.
= **grisea** A. de Candolle, 1859.

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rajah Ridley, Gard. Chron., III, 16:213, pl. 31, 1894. —Rolfe, Bull. Misc. Inform., :327, 1914. [***Reichenheimia I***]. Malaya. Fig.S169, icon (23;4-2a). **R**

ramentacea Paxton, Paxton's Mag. Bot., 12:73, pl., 1846. [***Pritzelia***]. Brazil. Fig. 24.27, icon.

oregana hort. ex Klotzsch, 1854.
Pritzelia ramentacea (Paxton) Klotzsch, 1854.

ramicola Gilg ex De Wildeman, Ann. Mus. Cong., V, 2:322, 1908, nomen nudum.

ramosa M. Sosef, Wageningen Agric. Univ. Paper, 91(4): 140, fig. 7, "1991," 1992. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):203, fig. 16.18, 1994. **N**
= **schaeferi** Engler, 1921.

ramosii Merrill, Philipp. J. Sci., 6:388, "1911," 1912. [***Petermannia***]. Philippines. Fig. 27.12.

randaiensis Saski, List Pl. Form., :301, 1928. —fide Ming–Jou Lai in schedula. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:469, 1984. **R**
= **palmata** D. Don var. **palmata**, 1825.

randiana Merrill & Perry, J. Arnold Arbor., 24:47, pl. 3c–d, 1943. [***Petermannia***]. New Guinea. Fig. 18.35.

raulinii Brade, Arq. Jard. Bot. Rio de Janerio, 8:232, pl. 5, 1948. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):74, 1971.
= **hilariana** A. de Candolle, 1859.

ravenii Ching–I Peng & Yung–Kuan Chen Bot. Bull. Acad. Sin., 29:217, pls. 1–2, 1988. [***Diploclinium II***]. Taiwan. Fig. S123, (12;24-2a). **N**

raynaliorum Wilczek, Bull. Jard. Bot. Nat. Belg., 39:93, 1969. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):222, 1994. **R**
= **ciliobracteata** Warburg, 1895.

razafinjohanyi Aymonin & Bosser, Fl. Madagascar, 144:84, pl. 3:figs. 4–5, 1983. [***Erminea***]. Madagascar. Fig.S121, (12; 20-2a). **R**

reflexisquamosa C.Y. Wu, Acta Phytotax, Sin., 33(3):278, pl. 23, 1995. [***Platycentrum***]. China: Yunnan. Fig. S74, icon (4;51-1a). **N**

reitzii Brade, Sellowia, 9:31, pl. 3, 1958. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):109, 1971.
= **hispida** Schott var. **hispida**, 1827.

relicta L.B. Smith & B.G. Schubert, Contr. Gray

Herb., 154:31, pl. 2, 1945. [***Knesebeckia***]. Mexico. Fig. 28.43.

renifolia Irmscher, Bot. Jahrb. Syst., 50:379, 1913. [***Sphenanthra***], Indonesia: Sulawasi. Fig. 29.7.

reniformis Dryander, Trans. Linn. Soc., 1:161, pl. 14:figs. 1–2, 1791. [***Pritzelia***]. Brazil. Fig. 4.17, icon, 29.5, icon, 31.17.
vitifolia Schott 1827.
longipes W.J. Hooker, 1830.
truncata Vellozo, 1831.
grandis Otto, 1836, non Dryander, 1791.
elatior hort. ex Steudel, 1840.
Wageneria reniformis (Dryander) Klotzsch, 1854.
Wageneria vitifolia (Schott) Klotzsch, 1854.
vitifolia hort. Berol. ex Klotzsch, 1855.
Wageneria longipes (W.J. Hooker) Klotzsch, 1855.
longipes W.J. Hooker var. *laticordata* A. de Candolle, 1861.
vitifolia Schott var. *bahiensis* A. de Candolle, 1861.
vitifolia Schott var. *grandis* A. de Candolle, 1861.
huberi C. de Candolle 1901.
palmifolia hort. ex Buxton, 1932.
inermis Irmscher, 1953.
reniformis auct. non Dryander: W.J. Hooker, 1833.

reniformis Vellozo, Fl. Flum., icon., 10:pl. 40, "1827," 1831, non Dryander, 1791. Fig. 3.24; descr., Arch. Mus. Nat. Rio de Janeiro, 5:404, 1881. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:445, 1983.
= **fabulosa** L.B. Smith & D.C. Wasshausen, 1983.

reniformis auct. non Dryander: W.J. Hooker, Bot. Mag., 60:pl. 3225, 1833. —Link & Otto, Allg. Gartenzeitung, 4:349, 1836 [= *vitifolia* Schott, 1827]. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:446, 1983.
= **reniformis** Dryander, 1791.

reniformis hort. Berol. ex Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :124, 1854, non Dryander, 1791, pro syn. *Augustia dregei* (Otto & Dietrich) Klotzsch, 1854. —A. de Candolle, Prodr., 15(1):384, 1864.
= **dregei** Otto & Dietrich var. **dregei**, 1836.

reniformis Beddome, Madras J. Lit., 22:72, 1861, non Dryander, 1791; Madras J. Lit. Sci., III, 1:48, 1864.
= **anaimalaiensis** Beddome, 1864.

reniformis Pavon ex A. de Candolle, Prodr., 15(1):308, 1864, non Dryander, 1791, pro syn. *balmisiana* Balmis, 1794. —L.B. Smith & B.G. Schubert, Contr. Gray Herb., 154:30, 1945 [= *monoptera* Link & Otto, 1828]. —C. Karegeannes, Begonian, 50,9, 1983.
= **balmisiana** Balmis var. **balmisiana**, 1794.

repanda Blume, Enum. Pl. Javae, 1:97, 1827. —Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :192, 1855 [= *Diploclinium repandum* Klotzsch, 1855]. —A. de Candolle, Prodr. 15(1):321, 1864.
= **isoptera** Dryander ex J.E. Smith, 1790.

repens Lamarck, Encyc., 1:394, 1785. —Urban, Ark. Bot., 23A(5):85, 1930. —J. Golding, Phytologia, 39:124, 1978. [***Begonia***].West Indies: Haiti. Fig. 23.11, icon.
Begonia roseo flore, folio aurito, minor et hirsuta Plumier 1700.

repens Lamarck var. *beta* Lamarck, Encyc., 1:394, 1785, excl. Plumier, Pl. Amer., 2:34, pl. 45, fig. 3, 1756. —O.E. Schulz in Urban, Symb. Antil., 7:15, 1911.
= **brachypoda** O.E. Schulz 1911.

repens Noronha, Verh. Batav. Gen., 5, art., 4:8, 1790, nomen nudum. Indonesia: Java.

repens Blume, Enum. Pl. Javae, 1:95, 1827, non Lamarck, 1785. —A. de Candolle, Prodr., 15(1):391, 1864. —Koorders, Exkurs.–Fl. Java, 2:649, 1912. **R**
= **mollis** A. de Candolle, 1864.

repens Vellozo, Fl. Flum., icon., 10:pl. 35, "1827," 1831, non Lamarck, 1785; descr., Arch. Mus. Nat. Rio de Janeiro, 5:403, 1881. —Walpers, Repert. Bot. Syst., 2:216, 1843. —J. Golding, Phytologia, 39:125, 1978.
= **velloziana** Walpers, 1843.

repens herb. Ruiz ex Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :125, 1854, non Lamarck, 1785, pro syn. *Rossmannia repens* Klotzsch, 1855. —A. de Candolle, Prodr., 15(1):333, 1864.
= **rossmanniae** A. de Candolle, 1864.

repens Schott ex A. de Candolle, Prodr., 15(1):365, 1864, non Lamarck, 1785, pro syn. **convolvulacea** (Klotzsch) A. de Candolle, 1861.

repens Liebmann ex Hemsley, Biol. Cent. Amer., Bot., 1:497, 1880, non Lamarck, 1785. —J. Golding, Phytologia, 39:125, 1978, sphalmate pro *reptans* Liebmann, 1853, pro syn. *liebmannii* A. de Candolle, 1864. —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:174, 1961.
= **ludica** A. de Candolle, 1859.

repens Sessé & Mociño, Fl. Mex., ed. 2, :219, 1894, non Lamarck, 1785. —L.B. Smith & B.G. Schubert, Contr. Gray Herb., 154:27, 1945.
= **glabra** Aublet var. **glabra,** 1775.

repenticaulis Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:547, pl. 16, 1939. [***Platycentrum***]. China. Fig. 25.24.

reptans Bentham, Pl. Hartw., :61, 1840. [***Weilbachia ?***]. Mexico. Fig. S12, (9;29-2). **R**

reptans Liebmann, Vid. Medd. Naturh. F. Kjöbenhavn 1852, :5, 1853, non Bentham, 1840. —A. de Candolle, Prodr., 15(1):345, 1864 [= *liebmanii* A. de Candolle, 1864]. —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:174, 1961.
= **ludica** A. de Candolle, 1859.

resecta Miquel ex Koorders, Exkurs.-Fl. Java, 2:645. 1912, pro syn. **lepida** Blume, 1827.

reticulata Gardner, Lond. J. Bot., 4:134, 1845. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):32, 1971.
= **angulata** Vellozo var. **angulata,** 1831.

retusa O.E. Schulz in Urban, Symb. Antil., 7:20, 1911. [***Begonia***]. Lesser Antilles: St. Barth. Fig. 32.15.
nitida Grisebach, 1857, quoad pl. Barth., non Dryander, 1789.
domingensis auct. non A. de Candolle: Boldingh, 1909.

rex Putzeys, Fl. Serres Jard. Eur., II, 2:141, pls. 1255, 1258, 1857. —W.J. Hooker, Bot. Mag., 85:pl. 5701, 1859. [***Platycentrum***]. India: Himalaya. Fig. 23.17, icon.

rheifolia Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:132, pl. 6, 1929. [***Platycentrum***]. Malaya. Fig. 8.15.
herveyana King var. *robusta* Ridley, 1922.

rhipsaloides A. Chevalier, Bull. Soc. Bot. France, 58(Mem.8d):174, "1911," 1912. —Keay in Hutchinson & Dalziel, Fl. W. Trop. Afr., ed. 2, 1:220, 1954. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:188, 2002. **R**
= **polygonoides** J.D. Hooker 1871.

rhizocarpa Fischer ex Otto & Dietrich, Allg. Gartenzeitung, 11:34, 1843, nomen nudum. —A. de Candolle, Prodr., 15(1):388, 1864 [= *rhizocarpa* Fischer ex A. de Candolle, 1861]. —Warwa, Bot. Ergebn., :53, pl. 49, 1866.
= **depauperata** Schott 1827.

rhizocarpa Fischer ex A. de Candolle in Martius, Fl. Bras., 4(1):382, 1861. —Warwa, Bot. Ergebn., :53, pl. 49, 1866.
= **depauperata** Schott 1827.

rhizocaulis (Klotzsch) A. de Candolle, Prodr., 15(1):340, 1864. [***Gireoudia***]. Mexico. Fig. 22.35.
Gireoudia rhizocaulis Klotzsch, 1856.

rhodantha Ridley, Trans. Linn. Soc. London, Bot., II, 9:58, 1916. [***Petermannia***]. New Guinea. Fig. 18.34.

rhodochlamys L.B. Smith & B.G. Schubert, Contr. Gray Herb., 154:25, pl. 1, 1945. [***Quadriperigonia***]. Mexico. Fig. 12.20.

rhodophylla C.Y. WU, Acta Phytotax. Sin., 33(3):260, pl. 8, 1995. [***Diploclinium II***]. Fig. S114, icon (11;7-1a). **N**

rhoephila Ridley, J. Roy. Asiat. Soc., Straits Br., 75:36, 1917. [***Platycentrum***]. Malaya. Fig. 13.13.

rhombicarpa A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:129, 1859. —Merrill, Philipp. J. Sci., 6:394, "1911," 1912.
= **nigritarum** (Kamel) Steudel, 1821.

rhombicarpa A. de Candolle var. *lobbii* A. de Candolle, Prodr., 15(1):323, 1864.
= **nigritarum** (Kamel) Steudel, 1821.

rhopalocarpa Warburg, Bot. Jahrb. Syst., 22:40, 1895. —J.J. de Wilde & J.C. Arends, Acta Bot. Neerl., 28:367, 1979. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:160, 2002. Fig. 16.24. **R**
= **loranthoides** J.D. Hooker subsp. **rhopalocarpa** (Warburg) J.J. de Wilde, 1979.

richardsiana T. Moore, Gard. Chron., I, :1065, pl. 243, 1871. —Irmscher, Bot. Jahrb. Syst., 81:141, 1961 [= *suffruticosa* Meisner, 1840]. —Hilliard in Ross, Fl. South Afr., 22:142, 1976.
= **dregei** Otto & Dietrich var. **dregei,** 1836.

richardsoniana Houllet, Rev. Hortic., 44:333, pl. 35, 1872. —Irmscher, Bot. Jahrb. Syst., 81:141, 1961 [= *suffruticosa* Meisner, 1840]. —Hilliard in Ross, Fl. South Afr., 22:142, 1976.
= **dregei** Otto & Dietrich var. **dregei,** 1836.

richardsoniana Merrill & Perry, J. Arnold Arbor., 24:48, pl. 3e–f, 1943, non Houllet, 1872. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:469, 1984.
= **mystacina** L.B. Smith & D.C. Wasshausen, 1984.

rieckei Warburg, Bot. Jahrb. Syst., 13:387, 1891. [***Petermannia***]. New Guinea. Fig. 22.12.

riedelii A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:137, 1859; in Martius, Fl. Bras., 4(1):358, pl. 94, 1861. [***Pritzelia***]. Brazil. Fig. 30.30, non typus. Fig S242, (30;60-1).

riedelii A. de Candolle var. *latifolia* Brade, Rodriguesia, 18:26, 1945, nomen in eadem schedula cum **cariocana.** —L.B. Smith & D.C. Wasshausen, Phytologia, 52:442, 1983. **R**
= **cariocana** Brade ex L.B. Smith & D.C. Wasshausen, 1983.

rigida Linden ex Regel, Gartenfl., 3:217, 1854. [***Pritzelia***]. Brazil. Fig. 29.36.
rigida hort. Turicensis ex Klotzsch, 1855.
Gurltia rigida Klotzsch, 1855.
tomentosa hort. Kew ex A. de Candolle 1861, non Schott, 1827.

rigida hort. Turicensis ex Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :177, 1855; Begoniac., :57, 1855, pro syn. *Gurltia rigida* Klotzsch, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):376, 1861.
= **rigida** Linden ex Regel, 1854.

rigida auct. non Linden ex Regel: A. Clarke, Begonian, 14:150, pl, 1947. —E. Carrell, Begonian, 17,128, 1950.
= **ludwigii** Irmscher, 1937.

rimarum Craib, Bull. Misc. Inform., :415, 1930. [***Parvibegonia***]. Siam. Fig. 34.6.

riparia Irmscher, Bot. Jahrb. Syst., 81:126, 1961. [***Augustia***]. Tanganyika. Fig. 28.55.

ripicola C. de Candolle, Bull. Herb. Boissier, II, 8:314, 1908. —K. Burt-Utley, Tulane Studies Zool. Bot., 25(1):102, 1985. **R**
= **plebeja** Liebmann, 1853.

rizalensis Merrill, Philipp. J. Sci., 6:388, "1911," 1912. [***Petermannia***]. Philippines. Fig. 21.46.

robinsonii Merrill, Philipp. J. Sci., 6:375, "1911," 1912, non Ridley, 1909. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:445. 1983.
= **perryae** L.B. Smith & D.C. Wasshausen, 1983.

robinsonii Ridley, J. Fed. Malay States Mus., 4:22, 1909. [***Platycentrum***], Malaya. Fig. S27, (26;42-2).**R**

robusta Blume var. **robusta,** Enum. Fl. Javae, 1:96, 1827. [***Sphenanthera***], Indonesia: Java. Fig. 32.1.

Platycentrum robustum (Blume) Miquel, 1856.
splendida K. Koch, 1857.
Sphenanthera robusta Hasskarl ex Klotzsch, 1857.
Sphenanthera robusta Hasskarl var. *viridis* Hasskarl, 1858.
Casparya robusta (Blume) A. de Candolle, 1864.

robusta Blume var. *rubra* (A. de Candolle) Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:471, 1984.
= **muricata** Blume, 1823.

robusta Blume var. *glabriuscula* (A. de Candolle) J. Doorenbos, Sp. List, :45, 1971, ined. **R**
= **robusta** Blume var. **glabriuscula** (A. de Candolle) J. Doorenbos ex F.A. Barkley & J. Golding, 1974.

robusta Blume var. **glabriuscula** (A. de Candolle) J. Doorenbos ex F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2, :108, 1974. Indonesia: Java. **R**
Casparya robusta (Blume) A. de Candolle var. *glabriuscula* A. de Candolle, 1864.
robusta Blume var. *glabriuscula* (A. de Candolle) J. Doorenbos, 1971, ined.

robusta Blume var. **hirsutior** (Miquel) J. Golding & C.Karegeannes, Phytologia, 54:499, 1984. Indonesia: Sumatra
Diploclinium areolatum Miquel, 1858, quoad pl. Sumatra, non Miquel, 1856.
Platycentrum robustum Miquel var. *hirsutior* Miquel, 1861.

robusta Zollinger ex Klotzsch, Bot. Zeitung., 15:182, 1857, non Blume, 1827, pro syn. *Sphenanthera multangula* Klotzsch, 1857. —A. de Candolle, Prodr., 15(1):275, 1864 [= *Casparya multangula* (Blume) A. de Candolle, 1864]. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894.
= **multangula** Blume var. **multangula,** 1827.

robustior Standley & Williams, Ceiba, 1:155, 1950. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:469, 1984.
= **manicata** Brongniart var. **manicata,** 1842.

rockii Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:544, 1939. [***Platycentrum***]. Burma. Fig. 31.12.

roezlii Regel var. **roezlii,** Gartenfl., 25:194, pl. 871, 1876. "*roezli.*" [***Cyathocnemis***]. Peru. Fig. 33.5, icon.

roezlii Regel var. **rosea** Regel, Gartenfl., 34:21, 1885. "*roezli.*"

roezlii Lynch, Gard. Chron., II, 11:566, 1879, non Regel, 1876; Garden, 24:162, pl. 402, 1883. —J.D. Hooker, Bot. Mag., 110:pl. 6758, 1884, [= *lynchiana* J.D. Hooker, 1884]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:469, 1984.
= **cyathophora** Poeppig & Endlicher, 1835.

romeensis De Wildeman, Ann. Mus. Congo, V, 2:321, pl. 78:fig. 2, 1908. —Wilczek, Fl. Congo, Rwanda, Burundi, :43, 1969.
= **macrocarpa** Warburg, 1895.

rongjiangensis T.C. Ku, Acta Phytotax, Sin., 33(3):279,1995. [***Diploclinium II***]. China: Guizhou. Sine figura, (8:47-2a). **N**

roraimensis Tutin, J. Bot., 78:251, 1940. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,470, 1984.
= **fischeri** Schrank var. **fischeri,** May 1820.

rosacea Putzeys, Fl. Serres Jard. Eur., II, 2:25, pl. 1194, 1857. [***Eupetalum***]. Colombia. Fig. 8.34, icon.

rosacea Linden, Cat., :15, 1860, nomen nudum, non Putzeys, 1857. —A. de Candolle, Prodr., 15(1):330. 1864 [= *rosacea* Linden ex A. de Candolle, 1864]; Prodr., 15(1):517, 1864. **R**
= **novogranatae** A. de Candolle, 1864.

rosacea Linden ex A. de Candolle, Prodr., 15(1):330, 1864, non Putzeys, 1857. —A. de Candolle, Prodr., 15(1):517, 1864. **R**
= **novogranatae** A. de Candolle, 1864.

rosacea auct. non Putzeys: L.B. Smith, Phytologia,

27:212, 1973, pro parte. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:444, 1983 [= *quetamensis* L.B. Smith & B.G. Schubert, 1946]; Phytologia, 54:469, 1984.
= **novogranatae** A. de Candolle, 1864.

rosea A. de Candolle, Prodr., 15(1):299, 1864. —L.B. Smith & B.G. Schubert, Caldasia, 4:78, 1946.
= **semiovata** Liebmann, 1853.

roseibractea R. Ziesenhenne, Begonian, 50:19, pl, 1983. [***Gireoudia***]. Mexico: Oaxaca. Fig. S70, (4;14-1a). **R**

rosiflora J.D. Hooker, Bot. Mag., 93:pl. 5680, 1867. "*rosaeflora*." —L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:204, 1941.
= **veitchii** J.D. Hooker, 1867.

rossmanniae A. de Candolle, Prodr., 15(1):333, 1864. —L.B. Smith & B.G. Schubert, Caldasia, 4:103, pl. 12, 1946. [***Rossmannia***]. Colombia, Ecuador, Peru. Fig. 16.33, icon.
repens herb. Ruiz ex Klotzsch, 1854, non Lamarck, 1785.
Rossmannia repens Klotzsch, 1854, nomen nudum.

rostrata Welwitsch ex J.D. Hooker var. **rostrata,** in Oliver, Fl. Trop. Afr., 2:578, 1871. [***Rostrobegonia***]. West Africa. Fig. 27.14.
chevalieri Warburg ex A. Chevalier, 1912.
elliotii Gilg ex Engler, 1921.

rostrata Welwitsch ex J.D. Hooker var. **argutiserrata** Fernandes, Bol. Soc. Brot., II, 44:11, pl. 9, 1970. Angola.
rostrata auct. non Welwitsch ex J.D. Hooker: Exell, 1929.

rostrata Welwitsch ex J.D. Hooker var. **brachyptera** Fernandes, Bol. Soc. Brot., II, 44:10, pl. 5-6, 1970. Angola.
chevalieri auct. non Warburg ex A. Chevalier: Exell, 1929.

rostrata auct. non Welwitsch ex J.D. Hooker: Exell, J. Bot., 67, suppl, 1:198, 1929. —Fernandes, Bol. Soc. Brot., II, 44:11, pl. 9, 1970.
= **rostrata** Welwitsch ex J.D. Hooker var. **argutiserrata** Fernandes, 1970.

rotata Liebmann, Vid. Medd. Naturh. F. Kjöbenhavn 1852, :11, 1853. —A. de Candolle, Prodr., 15(1):335, 1864.
= **caroliniefolia** Regel, 1852.

rotunda Vellozo, Fl. Flum., icon., 10:pl. 52, "1827," 1831, nomen nudum; descr., Arch. Mus. Nat. Rio de Janeiro, 5:404, 1881. [***Pritzelia ?***]. Brazil. Fig. 22.10, icon.

rotundifolia Lamarck, Encyc., 1:394, 1785. —J. Golding, Phytologia, 45:247, 1980. [***Begonia***]. West Indies. Fig. 7.16, icon. Excluding flower details in center of photo, they are the flowers of **obliqua** Linnaeus, 1753.
Begonia roseo flore, folio orbiculari Plumier, 1700.
obliqua Linnaeus var. *delta* Linnaeus, 1753.

rotundifolia Grisebach, Fl. Brit. W.I., :304, 1860, non Lamarck, 1785. —O.E. Schulz in Urban, Symb. Antil., 7:18, 1911. —J. Golding, Phytologia, 45:246, 1980.
= **obliqua** Linnaeus 1753.

rotundifolia Grisebach, Cat. Pl. Cub., :117, 1866, nec Lamarck, 1785, nec Grisebach, 1860. —O.E. Schulz in Urban, Symb. Antil., 7:18, 1911.
= **wrightiana** A. de Candolle, 1859.

rotundilimba S.H. Huang & Y.M. Shui, Acta Bot. Yunnanica, 16(4):335, pl. 3, 1994. [***Diploclinium I***]. China: Yunnan. Fig S107, icon (9;20-2b). **N**

roxburghii A. de Candolle, Prodr., 15(1):398, 1864. [***Sphenanthera***], India, Burma. Fig. 34.14, icon.
Diploclinium roxburghii Miquel, 1856.
Casparya oligocarpa A. de Candolle, 1859.
Casparya polycarpa A. de Candolle, 1859.
malabarica auct. non Lamarck: Roxburgh, 1832.

roxburghii auct. non A. de Candolle: Ridley, J. Fed. Malay States Mus., 4:20, 1909; Fl. Malay Penins., 5:854, 1925.

= **tricornis** Ridley, 1917.

roylei K. Koch, Berliner Allg. Gartenzeitung, 10:75, 1857.—fide J. Doorenbos in litteris. [= *laciniata* Roxburgh, 1832]. —H. Hara, Fl. E. Himalaya, 1:215, 1966.
= **palmata** D. Don var. **palmata,** 1825.

rubella F. Hamilton ex D. Don, Prodr. Fl. Nepal, :223, 1825 —Wallich Num. List, 129, :no. 3687, 1831.—C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:642, 1879. —J. Golding, Phytologia, 40:17, 1978. —H. Hara, Enum. Fl. Pl. Nepal, 2:182, 1979. [***Diploclinium II***]. Nepal. Fig. 2.23.
scutata Wallich, 1831, pro parte, nomen nudum.

rubella Miquel, Ann. Bot. Ind., 3:18, 1852, non F. Hamilton, 1825, pro syn. **canarana** Miquel, 1852.

rubicunda hort. Turic. ex A. de Candolle, Prodr., 15(1):384, 1864, pro syn. **dregei** Otto & Dietrich var. dregei, 1836.

rubida Ridley, J. Roy. Asiat. Soc., Straits Br., 46:256, 1906. [***Petermannia***]. Borneo: Sarawak. Fig. 27.42.

rubiginosipes Irmscher, Bot. Jahrb. Syst., 74:596, 1949. [***Ruizopavonia***]. Peru. Fig. 16.13.

ruboides C.M. Hu ex C.Y. Wu & T.C., Ku, Acta Phytotax, Sin., 33(3):260, pl. 9, 1995. [***Diploclinium I***]. China: Yunnan. Fig. S99, icon (9;4-1a). **N**

rubra Blume, Enum. Pl. Javae, 1:96, 1827. —Miquel, Fl. Ned. Ind., 1,1:689, 1856 [= *Diploclinium rubrum* Miquel, 1856]. —Hasskarl, Hort. Bogor. Descr., :349, 1858 [= *Sphenanthera robusta* Hasskarl var. *rubra* Hasskarl, 1858]; Neu Schuss. Rumph., :146, 1866. —Merrill, Interp. Herb. Amboin., :379, 1917.
= **muricata** Blume, 1823.

rubra hort. ex Irmscher, Pareys Blumengart., ed. 2, :76, 1960.
= **coccinea** W.J. Hooker, 1843.

rubricaulis W.J. Hooker var. **rubricaulis,** Bot. Mag., 70:pl. 4131, 1844. [***Eupetalum***]. Argentina. Fig. 8.30.
Huszia rubricaulis (W.J. Hooker) Klotzsch, 1855.
octopetala auct. non l'Héritier: Grisebach, 1874.

rubricaulis W.J. Hooker var. **vulcanensis** L.B. Smith & B.G. Schubert, Darwiniana, 5:87, 1941. Argentina.

rubrifolia Merrill, Philipp. J. Sci., 14:426, 1919. [***Diploclinium I***]. Philippines. Fig. 22.15.

rubromarginata Gilg, Bot. Jahrb. Syst., 34:95, 1904. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:202, pl. 23, 2002. [***Tetraphila***]. Nigeria, Cameroon. Fig. 14.12.

rubromarginata auct. non Gilg: Hutchinson & Dalziel, Fl. W. Trop. Afr., ed. 1, 1(1):188, 1927. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:203, 2002. **R**
= **cavallyensis** A. Chevalier, 1912.

rubronervata De Wildeman, Ann. Mus. Cong., V, 2:322, 1908.—Engler, Veg. Erde, 9(3.2):618, 1921. [= **polygonoides** J.D. Hooker 1871, sphalmate]. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:208, pl. 24, 2002. [***Tetraphila***]. Congo: Kinshasa.. Fig. 14.14. **R**

rubronervia hort. ex Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :160, 1855, pro syn. *Platycentrum rubrovenium* Klotzsch, 1855. —A. de Candolle, Prodr., 15(1):347, 1864 [= *rubrovenia* W.J. Hooker, 1853]. —H. Hara, J. Jap. Bot., 47:143, 1972.
= **hatacoa** F. Hamilton ex D. Don var. **hatacoa,** 1825.

rubropilosa A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:125, 1859. [***Pritzelia***]. Brazil. Fig. 23.32.

rubropunctata S.H. Huang & Y.M. Shui, Acta Bot. Yunnanica, 16(4):339, pl. 7, 1994. [***Platycentrum***]. China: Yunnan. Fig. S73, icon (4;46-2a). **N**

rubrosetulosa A. de Candolle, Prodr., 15(1):390,

1864. —Doorenbos, Sosef & de Wilde, Wageningen Agric. Univ. Papers, 98(2): 252, 1998. Fig. 19.24. **R**
= **malabarica** Lamarck var. **malabarica** , 1785.

rubrotincta L.B. Smith & B.G. Schubert, Publ. Mus. Hist. Nat. "Javier Prado," Ser. B, Bot., 17:4, pl. 1, 1963. [***Gobenia***]. Peru. Fig. 3.30.

rubrovenia W.J. Hooker, Bot. Mag., 79:pl. 4689, 1853. —H. Hara, J. Jap. Bot, 47:143, 1972.
= **hatacoa** F. Hamilton ex D. Don var. **hatacoa,** 1825.

rubrovenia W.J. Hooker var. *meisneri* C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:645, 1879. —J. Golding, Phytologia, 40:19, 1978.
= **hatacoa** F. Hamilton ex D. Don var. **meisneri** (C.B. Clarke) J. Golding, 1978.

rudatisii Irmscher, Bot. Jahrb. Syst., 81:129, 1961. —Hilliard in Ross, Fl. South Afr., 22:141, 1976.
= **homonyma** Steudel, 1840.

rufa Thunberg, Flora, 4:331, 1821 —Doorenbos, Sosef & de Wilde, Wageningen Agric. Univ. .Papers, 98(2):243, 1998. [***Pritzelia***]. Brazil.(Fig. 4.15, non typus), (Fig .S247, (4;18-1a). **R** .
lobata Schott in Sprengel, 1827, Fig. 4.15, non typus, Fig. S247, (4:18-1a)
Ewaldia ferruginea Klotzsch, 1855.
Ewaldia lobulata (Schott) Klotzsch, 1855.
galeottii hort. Berol. ex Klotzsch, 1855.
velutina hort. Vindob. ex Klotzsch, 1855.
vernicosa hort. Berol. ex Klotzsch, 1855.

rufipila Merrill, Philipp. J. Sci., 6:393, "1911," 1912. [***Diploclinium I***]. Philippines. Fig. 2.39.

rufosericea Toledo, Arq. Bot. Estado São Paulo, n.s., 2(3):62, pl. 16, 1946. [***Pritzelia***]. Brazil. Fig. 18.21, icon.

rugosa hort. Schoenbrun ex Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854, pro syn. *Wageneria rugosa* Klotzsch, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :236, 1855; Begoniac., :116, 1855 [= *Wageneria convolvulacea* Klotzsch, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):367, 1861.
= **convolvulacea** (Klotzsch) A. de Candolle, 1861.

ruhlandiana Irmscher, Bot. Jahrb. Syst., 76:67, pl. 4, 1953. [***Pritzelia***]. Brazil. Fig. 15.7, non typus. Fig. S232, (15;19-1).

rumphii Vuijck ex Koorders, Exkurs.-Fl. Java, 2:649, 1912, pro syn. **muricata** Blume, 1823.

rumpiensis Kupicha in Launert, Fl. Zambesiaca, 4:522, 1978. [***Rostrobegonia***]. Malawi. Fig. S217, (12;82-1a). **N**

rupestris Baxter, Suppl. Loudon's Hort. Brit., :498, 1850, nomen nudum. Brazil.

rupestris Moon ex Trimen, Fl. Ceylon, 2:263, 1894, pro syn. **tenera** Dryander var. **tenera,** 1791.

rupicola Miquel, Pl. Jungh., 4:418, "1855," 1857. [***Parvibegonia***]. Indonesia: Java. Fig. S34, (28;94-2), (28;128-2). **R**
Platycentrum rupicolum Miquel, 1856.

rupium Irmscher, Bot. Jahrb. Syst., 76:59, 1953. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):96, pl. 29, 1971. [***Pritzelia***]. Brazil. Fig. 19.13, icon.

russelliana L.B. Smith ex S.F. Smith & D.C. Wasshausen, Selbyana 20(1):25, pl.8, 1999. [***Pritzelia***]. Brazil. Fig S190, (26; 65-1a). **N**

rutilans hort. Van Houtte ex A. de Candolle, Prodr., 15(1):373, 1864. [***Pritzelia***]. Brazil. Fig. 32.3.
Nephromischus rutilans (Van Houtte) Klotzsch, 1856.

rwandensis J.C. Arends, Wageningen Agric. Univ. Papers, 91(6):207, pl. 5, "1991," 1992. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:213, pl. 25, 2002. [***Tetraphila***]. Congo: Kinshasa, Rwanda. Fig. S60, (3;13-1b). **N**
schultzei auct. non Engler: Wilczek, 1969, non Engler, 1921.

salaziensis (Gaudichaud) Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):139, 1894. —Klazenga, J.J. de Wilde & Quené, Bull. Jard. Bot. Belg., 63:298, fig. 8, 1994. [***Mezierea***]. Réunion & Mauritius. Fig. 30.13. **R**

aptera Roxburgh, 1832, non Blume, 1827.
Mezierea salaziensis Gaudichaud, 1841.

salaziensis Warburg var. *calleryana* Merrill, Philipp. J. Sci., 6:374, "1911," 1912, sphalmate pro *Mezierea salaziensis* Gaudichaud var. *calleryana*, A. de Candolle, 1864, pro syn. **pseudolateralis** Warburg, 1904.

salaziensis Warburg var. *comorensis* (Warburg) L.B. Smith & D.C. Wasshausen, Phytologia, 54,466, 1984. —M. Keraudren–Aymonin, Fl. Madagascar, 144:98, 1983. —Klazenga, J.J. de Wilde & Quené, Bull. Jard. Bot. Belg., 63:272, 1994. **R**
= **comorensis** Warburg 1895.

salesopolensis S. Gomes da Silva & Mamede, Novon 10:22, pl. 1 figs A-I, 2000. [***Pritzelia***], [Not ***Ewaldia*** fide J. Doorenbos in litteris De. 4, 2000 to J. G.] Brazil. Fig. S227, icon (30;112-1a). **N**

salicifolia A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:128, 1859; in Martius, Fl. Bras., 4(1):355, pl. 93, 1861. [***Gaerdtia***]. Brazil. Fig. 15.6.

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samarensis Merrill, Philipp. J. Sci., 30:413, 1926. [***Petermannia***]. Philippines. Fig. 18.18.

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sandalifolia C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:649, 1879. [***Platycentrum***]. Burma. Fig. 21.32.

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= **radicans** Vellozo, 1831.

sandtii Houghton ex R. Ziesenhenne, Begonian, 36:184–186, pl, 1969. [***Quadriperigonia***]. Mexico. Fig. 28.21.

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Pritzelia sanguinea (Raddi) Klotzsch, 1854.

sanjeensis Wilczek, Bull. Jard. Bot. Nat. Belg., 39:87, 1969. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:60, pl.3, 2002. Fig. 16.35. **R**
= **ebolowensis** Engler, 1921.

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= **sartorii** Liebmann, 1853.

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elegens Elmer, 1915, non Kunth in Humboldt, Bonpland & Kunth, 1825.

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Gireoudia lobulata Klotzsch, 1855.
Gireoudia sarcophylla (Liebmann) Klotzsch, 1855,
lobulata A. de Candolle, 1864.
cobana C. de Candolle, 1908.

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= **oxyloba** Welwitsch ex J.D. Hooker 1871.

satrapis C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:638, 1879. [***Diploclinium II***]. India: Sikkim. Fig. 11.15.

saxatilis Blume, Enum. Pl. Javae, 1:95, 1827. —Backer & Van den Brink, Fl. Java, 1:309, 1964.
= **muricata** Blume, 1823.

saxatilis Reinwardt ex Koorders, Exkurs.–Fl. Java, 2:648, 1912, non Blume, 1827, pro syn. **mollis** A. de Candolle, 1864.

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Wageneria scabrida Klotzsch ex A. de Candolle, 1864.

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scandens hort. Schoenbrun ex Klotzsch, Abh.

Königl. Akad. Wiss. Berlin 1854, :236, 1855; Begoniac., :116, 1855, pro syn. *Wageneria convolvulacea* Klotzsch, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):367, 1861.
= **convolvulacea** (Klotzsch) A. de Candolle, 1861.

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= **glabra** Aublet var. **amplifolia** (A. de Candolle) L.B. Smith & B.G. Schubert, 1941.

scandens Swartz var. *cordifolia* C. de Candolle, Bull. Herb. Boissier, II, 8:326, 1908. —Irmscher, Pareys Blumengart., ed. 2, :72, 60.
= **glabra** Aublet var. **cordifolia** C.. de Candolle) Irmscher, 1960.

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= **scapigera** J.D. Hooker subsp. **scapigera** M. Sosef, 1994.

scapigera J.D. Hooker subsp. **scapigera** M. Sosef, Wageningen Agric. Univ. Papers, 94(1):199, fig. 16.17, 1994. [***Loasibegonia***]. Nigeria, Cameroon, Gabon. Fig. S61, (3;14-2a). **N**
scapigera J.D. Hooker 1871.

scapigera J.D. Hooker subsp. **australis** M. Sosef, Wageningen Agric. Univ. Papers, 94(1):202, fig. 16.17, 1994. Gabon, Congo. Fig. S62, (3;14-2b). **N**

scapigera auct. non J.D. Hooker: Wilczek, Fl. Congo, Rwanda, Burundi,:33, 1969: Lewalle, Bull. Jard. Bot. Nat. Belg, 42:179, 1972: Troupin, Fl. Rwanda-Spermatoph., II:450, fig. 142.1, 1983. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):183, 1994. **N**
= **pulcherrima** M. Sosef, 1992.

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= **aconitifolia** A. de Candolle, 1859.

schaeferi Engler, Veg. Erde, 9(3.2):618, 1921. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):203, fig. 16.18, 1994. [***Loasibegonia***]. Nigeria, Cameroon. Fig. 2.9. **R**
ramosa M. Sosef, 1992.

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= **adpressa** M. Sosef, 1992.

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= **pulcherrima** M. Sosef, 1992.

schaeferi auct. non Engler: van dem Berg, Agric. Univ. Wageningen Papers 84(3):14, 15, 38, 39, 1985, pro parte: de Lange & Bouman, Wageningen Agric. Univ. Papers, 91(4):21, pl. 15D, "1991," 1992. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):163, 1994. **N**
= **letouzeyi** M. Sosef, 1994.

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scharffiana Regel var. **scharffiana**, Gartenfl., 37:127, 661, pl. 146, 1888. [***Pritzelia***]. Brazil. Fig. 29.8; (21;7-1). **R**

scharffiana Regel var. **minor** Watson, Gard. Chron., III, 6:388, 1889. Brazil.

scharffii J.D. Hooker, Bot. Mag., 114:pl. 7028, 1888. [***Pritzelia***]. Brazil: Santa Catarina? Fig. S205, icon (29;21-1), it replaces Fig. 29.8, that photo is of **scharffiana**. **R**
haageana Watson, 1889.

scheidweileri Koorders, Exkurs.-Fl. Java, 2:649, 1912, nomen superfluum pro *muricata* Scheidweiler, 1841. —Walpers, Repert. Bot. Syst., 2:209, 1843.
= **pentaphylla** Walpers, 1843.

schenckii Irmscher var. **schenckii**, Bot. Jahrb. Syst., 76:81, 1953. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):21, pl. 21,

1971. [***Begonia***]. Brazil. Fig. 32.20.

schenckii Irmscher var. **calvescens** Brade ex L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):74, 1971. Brazil.

schimpffii Irmscher, Bot. Jahrb. Syst., 74:604, 1949. —L.B. Smith & B.G. Schubert, Mem. New York Bot. Gard., 8:38, 1952.
= **holtonis** A. de Candolle var. **holtonis,** 1859.

schizolepis Liebmann, Vid. Medd. Naturh. F. Kjöbenhavn 1852, :17, 1853. Fig. 3.2. —Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :214, 1855; Begoniac., :94, 1855 [= *Gireoudia manicata* Klotzsch, 1854]. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):148, 1894.
= **manicata** Brongniart var. **manicata,** 1842.

schlechteri Gilg, Bot. Jahrb. Syst., 34:93, 1904. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):254, 1994. Fig. 2.10. **R**
= **laporteifolia** Warburg, 1895.

schliebenii Irmscher, Bot. Jahrb. Syst., 81:146, 1961. [***Rostrobegonia***]. Tanganyika. Fig. 23.6.

schlumbergeriana Lemaire, Ill. Hort., 5, Misc., :61, 1858. [***Pritzelia***]. [perhaps a cultivar ?] Brazil. Fig. 10.1.

schmidtiana Regel, Gartenfl., 28:321, pl. 990, 1879; Acta Hort. Petrop, 6:290, 1879; Descr. Pl. Nov. & Minus Cognit, 7:290, 1879. [***Begonia***]. Brazil. Fig. 28.31.
schmidtii Regel ex N, 1880.

schmidtii Regel ex N, Wein. Ill. Garten-Zeit., :250, pls. 60–61, 1880. —Irmscher, Pareys Blumengart., ed. 2, :287, 1960.
= **schmidtiana** Regel, 1879.

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= **parvifolia** Schott 1827.

schubertiana Irmscher, Bot. Jahrb. Syst., 78:186, 1959. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):106, 1971.
= **per–dusenii** Brade, 1952.

schultzei Engler, Veg. Erde, 9(3.2):619, 1921. —Mildbraed, Wiss. Ergebn. Zweit. Deutsch. Zentr.-Afr.-Exp., 1910-1911, 2:98.1922. —L.B. Smith, D.C. Wasshausen, J. Golding, & C. Karegeannes, Smithsonian Contr. Bot., 60:295, Fig. 3.7, 1986. —J.C. Arends, Wageningen Agric. Univ. Papers, 91(6):186, 1992.—J.J. de Wilde, Wageningen Univ. Papers, 2001-2:66, pl.4, 2002. [***Tetraphila***] **R**
= **elaeagnifolia** J.D. Hooker 1871.

schultzei auct. non Engler: Wilczek, Fl. Congo, Rwanda, Burundi, :16, 1969.— Troupin, Fl. du Rwanda, Spermatoph, II:450, pl. 142.3, 1983. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:213, 2002. **R**
= **rwandensis** J.C. Arends, 1992.

schulziana Urban & Ekman, Ark. Bot., 23A(5):96, 1930. [***Begonia***]. West Indies: Haiti. Fig. 24.13.

sciadiophora L.B. Smith & B.G. Schubert, Contr. Gray Herb., 161:28, pl. 3, 1946. [***Begonia ?***]. Guatemala. Fig. 3.47, icon.

sciaphila Gilg ex Engler var. **sciaphila,** Veg. Erde, 9(3.2):616, 1921. [***Filicibegonia***]. Cameroon, Gabon. Fig. 21.50.

sciaphila Gilg ex Engler var. **longipedunculata** Wilczek, Bull. Jard. Bot. Nat. Belg., 39:96, 1969. Gabon.

scintillans Dunn, Bull. Misc. Inform., :111, 1920. [***Diploclinium 1 ?***]. India: Himalaya. Fig. 26.9.

scitifolia Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:541, 1939. [***Platycentrum***]. China. Fig. 4.56.

scortechinii King var. **scortechinii,** J. Asiat. Soc. Beng., pt. 2, Nat. Hist, 71:62, 1902. [***Platycentrum***]. Malaya. Fig. 13.15.

scortechinii King var. **kunstleriana** Ridley, Fl. Malay Penins., 1:860, 1922. Malaya. **R**
kunstleriana King, 1902.

scutata Wallich, Num. List, 129, :no. 3686, 1831, pro parte, nomen nudum. —Wallich ex A. de Candolle, Prodr., 15(1):328, 1864. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:642, 1879. —J. Golding, Phytologia, 40:17, 1978. —H. Hara, Enum. Fl. Pl. Nepal, 2:182, 1979. **R**
= **rubella** F. Hamilton ex D. Don, 1825

scutata Wallich, Num. List, 129, :no. 3686, 1831, pro parte, nomen nudum, non Wallich ex A. de Candolle, 1864. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:639, 1879. —J. Golding, Phytologia, 40:17, 1978. **R**
= **josephii** A. de Candolle var. **josephii,** 1859.

scutellata Liebmann, Vid. Medd. Naturh. F. Kjöbenhavn 1852, :9, 1853. —Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :217, 1855; Begoniac., :97, 1855 [= *Gireoudia conchifolia* Klotzsch var. *scutellata* Klotzsch, 1854]. —A. de Candolle, Prodr., 15(1):338, 1864.
= **conchifolia** Dietrich var. **conchifolia,** 1851.

scutifolia J.D. Hooker in Oliver, Fl. Trop. Afr., 2:572, 1871. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):206, fig. 16.19, pl. 4a, 1994. [***Loasibegonia***]. Cambodia, Gabon, Angola (Cabinda) Zaire. Fig. 2.16. (Fig. 3.9) . **R**
triflora Irmscher var. *caloskiadia* N. Hallé, 1967.
triflora Irmscher var. *triflora*, 1921. Fig. 3.9.

scutulum J.D. Hooker in Oliver, Fl. Trop. Afr., 2:575, 1871. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):267, fig. 17.15, 1994. [***Scutobegonia***]. Gabon. Sine figura. **R**

scutulum auct. non J.D. Hooker: Wilczek, Fl. Congo, Rwanda, Burundi, :36, 1969 ; van den Berg, Agric. Univ. Wageningen Papers, 84(3):39, 1985. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):285, 1994. N
= **zairensis** M. Sosef **var. montana** M. Sosef, 1992.

scutulum auct. non W.J. Hooker: van den Berg, agric. Univ. Wageningen Papers, 84(3):38-39, pl. 1.2, 13.2, 1985. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):227, 1994. **N**
= **clypeifolia** J.D. Hooker 1871.

secunda L.B. Smith & D.C. Wasshausen, Phytologia, 44:240, pl. 2, 1979. [***Gobenia***]. Ecuador. Fig. 9.7.

seemanniana A. de Candolle var. **seemanniana,** Ann. Sci. Nat. Bot., IV, 11:133, 1859. [***Ruizopavonia***]. Costa Rica, Panama. Fig. 17.26.
incarnata auct. non Link & Otto: Seemann, 1854.
chiriquina C. de Candolle, 1919.

seemanniana A. de Candolle var. **longistipulacea** A. de Candolle, Prodr., 15(1):332, 1864. Mexico & Central America.

segregata L.B. Smith & B.G. Schubert, Begonian, 27,225, pl. 1960. [***Gobenia***]. Colombia, Ecuador. Fig. 3.19.

selloii Link & Otto in Sweet, Hort. Brit., ed. 2, :437, 1830, nomen nudum.

selloi Loddiges ex Steudel, Nom. Bot., ed 2, 1:194, 1840, nomen nudum.

sellovii hort. ex W.J. Hooker, Bot. Mag., 56:pl. 2920, 1829, pro syn. *semperflorens* Link & Otto, 1828 —J. Golding, Phytologia, 50:354, 1982.
= **cucullata** Willdenow var. **cucullata,** 1805.

sellowii Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :148, 1855; Begoniac., :28, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):342, 1861 [= *semperflorens* Link & Otto var. *sellowii* A. de Candolle, 1861]. —J. Golding, Phytologia, 50:347, 1982.
= **cucullata** Willdenow var. **cucullata,** 1805.

sellowii hort. anglicis ex A. de Candolle in Martius, Fl. Bras., 4(1):342, 1861 [= *semperflorens* Link & Otto var. *hookeri* A. de Candolle, 1861]. —J. Golding, Phytologia, 50:347, 1982.
= **cucullata** Willdenow var. **cucullata,** 1805.

semidigitata Brade, Rodriguesia, 18:19, pl. 4, 1945. [***Scheidweileria***]. Brazil. Fig. 4.6, icon. **R**

semiovata Liebmann, Vid. Medd. Naturh. F. Kjöbenhavn 1852, :22, 1853. —L.B. Smith & B.G. Schubert, Caldasia, 4:77, pl. 8, 1946. [***Doratometra***]. Mexico, Guyana to Peru. Fig. 20.21.
humilis Dryander var. *glabrata* Seemann, 1854.
flexuosa A. de Candolle, 1859.
guyanensis A. de Candolle, 1859.
spruceana A. de Candolle, 1859.
rosea A. de Candolle, 1864.
Hoffmannella rosea Klotzsch ex A. de Candolle, 1864.
guyanensis A. de Candolle var. *glaberrima* C. de Candolle, 1895.

semperflorens Link & Otto, Icon. Pl. Rar., (1):9, pl. 5, 1828. —Loddiges, Bot. Cab., 15:pl. 1439, 1829. —Graham, Edinburgh New Philos. J.,:180, May 1829. —W.J. Hooker, Bot. Mag., 56:pl. 2920, 1829.—Reichenbach, Icon. Bot. Exot., :12, pl. 231, 1830. —J. Golding, Phytologia, 50:340, 1982.
= **cucullata** Willdenow var. **cucullata,** 1805.

semperflorens Link & Otto var. *hookeri* A. de Candolle in Martius, Fl. Bras., 4(1):342, 1861; Prodr., 15(1):293, 1864. —J. Golding, Phytologia, 50:347, 1982.
= **cucullata** Willdenow var. **cucullata,** 1805.

semperflorens Link & Otto var. *sellowii* A. de Candolle in Martius, Fl. Bras., 4(1):342, 1861. —J. Golding, Phytologia, 50:347, 1982.
= **cucullata** Willdenow var. **cucullata,** 1805.

semperflorens Link & Otto f. *flavescens* C. de Candolle, Bull. Herb. Boissier, II, 3:405, 1903.—J. Golding, Phytologia, 50:347, 1982.
= **cucullata** Willdenow var. **cucullata,** 1805.

serafinensis Brade, Sellowia, 9:34, pl. 5:figs. 1–11, 1958. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):102, pl. 31, 1971.
= **subvillosa** Klotzsch var. **subvillosa,** 1855.

serafinensis Brade var. *cerqueirae* Brade, Sellowia, 9:36, pl. 5:figs. 12-13, 1958.—L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):102, 1971.
= **subvillosa** Klotzsch var. **subvillosa,** 1855.

seretii De Wildeman, Ann. Mus. Cong., V, 2:59, pl. 18, 1907. "*sereti.*" ; Ann. Mus. Cong., V, 3:450, 1912.
= **oxyloba** Welwitsch ex J.D. Hooker 1871.

sericoneura Liebmann, Vid. Medd. Naturh. F. Kjöbenhavn 1852, :13, 1853. [***Gireoudia***]. Central America. (Fig. 7.8) Fig. 22.42. **R**
Gireoudia fibrillosa Klotzsch, 1854, nomen nudum.
Gireoudia pilifera Klotzsch, 1854, nomen nudum.
Gireoudia sericoneura (Liebmann) Klotzsch, 1855.
lanuginosa A. de Candolle, 1859.
pilifera A. de Candolle, 1864.
biolleyi C. de Candolle, 1896.
nicaraguensis Standley, 1929.
hypolipara Sandwith, 1931. Fig. 7.8.
lindleyana auct. non Walpers: L.B. Smith & B.G. Schubert, 1946.

serotina A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:121, 1859. [***Knesebeckia***]. Ecuador. Fig. 2.28.
parmata Irmscher, 1949.

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serranegrae L.B. Smith ex S.F. Smith & D.C. Wasshausen, , Selbyana 20(1):25, pl.9, 1999. [***Pritzelia***]. Brazil. Fig.S69, (4;13-2a). **N**

serraticauda Merrill & Perry, J. Arnold Arbor., 24:51, pl. 4f–g, 1943. [***Petermannia***]. New Guinea. Fig. S19, (18;18-2). **R**

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= **guaduensis** Kunth in Humboldt, Bonpland & Kunth, 1825.

serratipetala Irmscher, Bot. Jahrb. Syst., 50:339, 1913. [***Petermannia***]. New Guinea. Fig. 6.4.

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= **oaxacana** A. de Candolle var. **oaxacana,**

1859.

sessilanthera Warburg, Bot. Jahrb. Syst., 22:34, 1895. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:196, 2002. Fig. 19.1. **R**
= **preussii** Warburg 1895.

sessilifolia J.D. Hooker in Oliver, Fl. Trop. Afr., 2:577, 1871. [***Filicibegonia***].Bioko. (Fig. 3.8), Fig. 21.5. **R**
gilgii Engler, 1921. Fig. 3.8

setaria hort. anglicis ex Graham, Edinburgh New Philos. J., :180, 1829. —A. de Candolle in Martius, Fl. Bras., 4(1):32, 342, 1861, pro syn. *semperflorens* Link & Otto var. *hookeri* A.de Candolle,1861. —J. Golding, Phytologia, 50:347, 1982
= **cucullata** Willdenow var. **cucullata,** 1805.

setifera A. de Candolle, Prodr., 15(1):338, 1864. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,470, 1984. —K. Burt–Utley, Brittonia, 36:35, 1984; Tulane Studies Zool. Bot., 25(1):59, 1985.
= **urophylla** W.J. Hooker, 1855.

setifolia Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:549, 1939. [***Platycentrum*** **?**]. China. Fig. 24.36.

setosa Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :122, 1854, nomen nudum ; Abh. Königl. Akad. Wiss. Berlin 1854, :151, 1855; Begoniac., :31, 1855. —L.B. Smith & D.C. Wasshausen, Phytologia, 52,446, 1983.
= **fischeri** Schrank var. **fischeri,** May 1820.

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Gireoudia setulosa (Bertoloni) Klotzsch, 1855.

setuloso-peltata C. Y. Wu, Acta Phytotax. Sin., 35(1):48, pl. 28, 1997. [***Coelocentrum***]. China: Guangxi. Fig. S67, icon (3;61-1a). **N**

seychellensis Hemsley, J. Bot., 54, suppl., 2:15, 1916. Fig. 33.2. —M. Keraudren–Aymonin, Fl. Madagascar, 144:98, pl. 31, 1983 [= comorensis Warburg, 1895]. —Klazenga, J.J. de Wilde & Quené, Bull. Jard. Bot. Belg., 83:302, fig. 9, 1994. [***Mezierea***]. Seychelles. Fig. 33.2. **R**

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sibthorpioides Ridley var. **sibthorpioides,** J. Fed. Malay States Mus., 7:42, 1916. [***Heeringia***]. Malaya. (Fig. 10.11)

sibthorpioides Ridley var. **grandiflora** Craib, Fl. Siam, 1:779, 1931. Malaya. Fig. 10.11.

sibutensis Sands, Check List Flowering Pl of Brunei Darussalam, App. 2: 433, 1997. Brunei. Editus sero pro clave. **N**

siccacaudata J. Doorenbos, Blumea 45:399-402, pl. 1, 2000, [***Petermannia***] Indonesia: Sulawesi. Fig. S229, icon (8;42-1a). **N**

sikkimensis A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:134, 1859. [***Platycentrum***]. India: Sikkim. Fig. 4.41.

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sine nomen, Wallich, no. 9107, 1849.
Casparya silletensis A. de Candolle, 1864.

silletensis (A. De Candole) C.B. Clarke subsp. **silletensis**, M.C. Tebbitt & K.-Y. Guan, Novon, 12:133-6, 2002 **N**

silletensis (A. De Candole) C.B. Clarke subsp. **mengyangensis**, M.C. Tebbitt & K.-Y. Guan, Novon, 12: 133-6, 2002.. **N**

simii Stapf, J. Linn. Soc., Bot., 27:104, 1905. —Keay in Hutchinson & Dalziel, Fl. W. Trop. Afr., ed. 2, 1:219, 1954.

= **macrocarpa** Warburg, 1895.

similis Brade, Bol. Mus. Nac. Rio de Janeiro, Bot., n.s., 1:11. pl. 2, 1944. —Irmscher, Pareys Blumengart., ed.2:75, 1960.
= **pulchella** Raddi, 1820.

simonsii hort. ex Herincq, Horticulteur Franc., 8:69, 1858, nomen nudum

simulans Merrill & Perry, J. Arnold Arbor., 24:52, pl. 5e–i, 1943. [***Petermannia***]. New Guinea. Fig. 21.17.

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= **larorum** L.B. Smith & D.C. Wasshausen, 1983.

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= **grandis** Dryander subsp. **sinensis** (A. de Candolle) Irmscher, 1939.

sinensis A. de Candolle var. *haemaloneura* Franch ex Gagnepain, Bull. Mus. Hist. Nat. (Paris), 25:283, 1919 [= *evansiana* hort]. —Irmscher in Handel–Mazzetti, Symb. Sin., 7:388, 1931 [= *evansiana* Andrews, 1811]; Mitt. Inst. Allg. Bot. Hamburg, 10:492, 1939.
= **grandis** Dryander subsp. **evansiana** (Andrews) Irmscher, 1939.

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= **formosana** (Hayata) Masamune var. **formosana**, 1961.

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= **grandis** Dryander subsp. **holostyla** Irmscher, 1939.

sinobrevicaulis T. C. Ku, Acta Phytotax. Sin., 37(2):193, 1999. [***Reichenheimia I***]. China. (Fig. S101, icon (9;10-2b). **N**
brevicaulis T. C. Ku, 1997. Fig. S101, icon (9;10-2b), non A. de Candolle, 1859.

sinofloribunda L. Dorr, Harvard Pap. Bot.:4(1):265, 1999. China. [Fig. S68, icon (3;61-2a)]. **N**
floribunda T.C. Ku, 1997, Fig. S68, icon (3;61-2a), non Carrière, 1875.

sino-veitnamica C. Y. Wu, Acta Phytotax. Sin., 35(1):50, pl. 30, 1997. [***Diploclinium I***]. China, Fig. S215, icon (32;58-2a). **N**

sinuata Wallich, Num. List, 129, :no. 3680, 1831, nomen nudum. **R**
= **sinuata** Wallich ex Meisner var. **sinuata**, 1836.

sinuata Wallich ex Meisner var. **sinuata**, Ber. Verhandl. Naturf. Ges. Basel, 2:42, 1836. —A. de Candolle, Prodr., 15(1):354, 1864. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:650, 1879. —Burtt, Notes Roy. Gard. Edinburgh, 32:273, 1973. [***Parvibegonia***]. Malay Peninsula, Thailand, Cambodia, Vietnam. Fig. 3.40, icon. **R**
guttata Wallich, no. 3671B, 1831, nomen nudum.
sinuata Wallich, 1831, nomen nudum.
elongata Wallich, 1832, nomen nudum.
subrotunda Wallich, 1832, nomen nudum.
Diploclinium biloculare Wight, 1852.
bilocularis (Wight) Craib, 1931.

sinuata Wallich ex Meisner var. **clivalis** Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:144, pl. 8, 1929. Malaya.
clivalis Ridley, 1910, pro parte.

sinuata Wallich ex Meisner var. **etamensis** Irmscher, Mitt. Inst. Allg. Bot. Hamburg,

8:142, 1929. Malaya.

sinuata Wallich ex Meisner var. **helferi** Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:141, 1929. Andamans, Burma.

sinuata Wallich ex Meisner var. **langkawiensis** Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:142, 1929. Siam.

sinuata Wallich ex Meisner var. **longialata** Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:141, 1929. Siam.

sinuata Wallich ex Meisner var. **malaccensis** Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:143, 1929. Malaya.

sinuata Wallich ex Meisner var. **monophylloides** Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:143, 1929. Malaya.

sinuata Wallich ex Meisner var. **penangensis** Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:142, 1929. Malaya.

sinuata E. Meyer ex Otto & Dietrich, Allg. Gartenzeitung, 4:357, 1836, non Wallich ex Meisner, 1836. —Meisner, Linnaea, 14:501, "1840," 1841 [= *caffra* Meisner, 1841]. —Burtt, Notes Roy. Gard. Edinburgh, 32:274, 1973.
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sinuata Graham, Bot. Mag., 66:pl. 3731, 1839, non Wallich ex Meisner, 1836. —Steudel, Nom. Bot., ed. 2, , 1:194, 1840.
= **homonyma** Steudel, 1840.

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smithiae Geddes, Bull. Misc. Inform., :239, 1928. [***Platycentrum***]. Siam. Fig. 29.10.

smithiana Te-Tsun Yü ex Irmscher, Notes Roy. Bot. Gard. Edinburgh, 24:44, 1951. [***Platycentrum***]. China. Fig. 5.28.

snitcheri hort, Horticulture, 25, 7:549, 1929, non visus. —Buxton, Check List Begonias, :222, 1857 [= *sutherlandii* J.D. Hooker var. *sutherlandii,* 1868]. —Kupicha in Launert, Fl. Zambesiaca, 4:503, 1978. **R**
= **sutherlandii** J.D. Hooker subsp. **sutherlandii,** 1868.

socia Craib, Bull. Misc. Inform., :417, 1930. [***Parvibegonia***]. Siam. Fig. 29.35.

socotrana J.D. Hooker, Gard. Chron., II, :8, pl. 1, 1881; Bot. Mag., 107:pl. 6555, 1881. [***Peltaugustia***]. Socotra. Fig. 3.13, icon.

sodiroi C. de Candolle, Bull. Herb. Boissier, II, 8:323, 1908. [***Gobenia***]. Ecuador. Fig. 3.33.

sogerensis Ridley, J. Bot., 52:289, 1914. [***Petermannia***]. New Guinea. Fig. 27.21.

solananthera A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:128, 1859. [***Solananthera***]. Brazil. Fig. 9.13.

soli–mutata L.B. Smith & D.C. Wasshausen, Begonian, 57:217, pl. 1, 1990. [***Pritzelia***]. Brazil. Fig. S98, (9;5-1a). **N**

solitudinis Brade, Sellowia, 9:29, pl. 2:fig. 1, 1958. [***Pritzelia***]. Brazil. Fig. 29.29.

soluta Craib, Bull. Misc. Inform., :418, 1930. [***Diploclinium III***]. Siam. Fig. 23.4.

somervillei Hemsley, Bull. Misc. Inform., :17, 1896. [***Petermannia***]. Solomon Islands. Fig. 20.13.

sonderiana Irmscher, Bot. Jahrb. Syst., 81:156, pl. 7:figs. 1–2, 1961. Hilliard in Ross, Fl. South Afr., 22:137, pl. 44:fig 3, pl. 45:fig. 3, 1976. [***Rostrobegonia***]. South Africa. Fig. 4.11.
caffra J.B. Davy, 1926.
dregei J.B. Davy, 1926.
sonderiana Irmscher var. *transgrediens* Irmscher, 1961.

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= **sonderiana** Irmscher, 1961.

sootepensis Craib, Bull. Misc. Inform., :57, 1911; Aberd. Univ. Stud, 47:96, 1912.
= **yunnanensis** Léveillé var. **sootepensis** Craib, 1912.

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= **yunnanensis** Léveillé var. **thorelii** (Gagnepain) J. Golding & C. Karegeannes, 1984.

sordidissima Elmer, Leafl. Philipp. Bot., 7:2557, 1915. Fig. 26.27. —Merrill, Enum. Phillip. Fl. Pl., 3:125, 1923.
= **mindorensis** Merrill, 1912.

soror Irmscher, Bot. Jahrb. Syst., 76:71, 1953. [***Barya***]. Peru. Fig. 5.5.

sorsogonensis Elmer ex Merrill, Enum. Phillip. Fl. Pl., 3:121, 1923, pro syn. **contracta** Warburg, 1904, sphalmate. —Elmer, Leafl. Philipp. Bot., 10:3708, 1939. nomen legitimum. [***Petermannia***]. Philippines. Fig. 18.17. **R**

sousae K. Burt–Utley, Brittonia, 35:115, pl. 1, 1983. [***Gireoudia***]. Mexico, Central America.. Fig. S182, icon (25;56-1a). **N**

spadiciflora L.B. Smith & B.G. Schubert, Caldasia, 4:97, pl. 11, 1946. [***Gobenia***]. Colombia. Fig. 3.32, icon.

sparreana L.B. Smith & D.C. Wasshausen, Phytologia, 44:245, pl. 8, 1979. [***Knesebeckia***]. Ecuador. Fig. 23.33.

sparsipila Baker in Saunders, Refug. Bot., :pl. 340, 1873. [***Gireoudia***]. Central America? Fig. 3.1.

spathulata Hornemann, Hort. Bot. Hafn. Suppl., ;162, 1819. —J. Golding, Phytologia, 50:349, 1982.
= **cucullata** Willdenow var. **spatulata** (Loddiges) J. Golding, 1982.

spathulata Willdenow ex Sprengel, Syst. Veg., ed. 16, 2:625, 1825. —Walpers, Repert. Bot. Syst., 2:214, 1843 [= *cuneata* Walpers, 1843]. —J. Golding, Phytologia, 50:347, 1982. **R**
= **cucullata** Willdenow var. **spatulata** (Loddiges) J. Golding, 1982.

spatulata Loddiges, Bot. Cab., 2:pl. 107, 1818. —Haworth, Succ. Pl. Suppl., :100, 1819. —Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :122, 1854, ["*spathulata*" Haworth, 1819 pro syn. *cucullata* Willdenow, 1805]. —J. Golding, Phytologia, 50:347, 1982.
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= **quadrialata** subsp. **nimbaensis** M. Sosef, 1994.

speciosa hort. Berol. ex Klotzsch, Ann. Sci. Nat. Bot., IV, 6:350, 1856, pro syn. *obliqua* l'Héritier, 1788. —O.E. Schulz in Urban, Symb. Antil., 7:10, 1911.
= **minor** Jacquin, 1787.

speciosa hort. Van Houtte ex A. de Candolle, Prodr., 15(1):293, 1864 [= *nitida* Dryander in Aiton, 1789]. —O.E. Schulz in Urban, Symb. Antil., 7:10, 1911.
= **minor** Jacquin, 1787.

speluncae Ridley, J. Roy. Asiat. Soc., Straits Br., 46:258, 1906. [***Reichenheimia I ?***]. Borneo: Sarawak. Fig. S2, (2;30-2). **R**

sphenocarpa Irmscher, Bot. Jahrb. Syst., 50:369, 1913. [***Petermannia***]. Indonesia: Sulawasi. Fig. 28.1.

spicata Houghton ex Standley & Calderon, Lista Prelim. Pl. Salvad, :157, 1925, nomen nudum.

spilotophylla F. von Mueller, Not. Papuan Pl., 4:67, 1876. [***Petermannia***]. New Guinea. Fig. 21.18.

spilotophylla auct. non F. von Mueller: Schumann & Lauterbach, Fl. Schutzgeb. Südsee, :457, 1901. —Irmscher, Bot. Jahrb. Syst., 50:345, 1913.
= **kerstingii** Irmscher, 1913.

spinibarbis Irmscher, Webbia, 12:503, pl. 12, 1957. [***Pritzelia***]. Brazil. Fig. 16.4.

splendens hort. Boissier ex A. de Candolle in Martius, Fl. Bras., 4(1):377, 1861, pro syn. **fruticosa** A. de Candolle, 1861.

splendens hort. Turicensis ex A. de Candolle, Prodr., 15(1):375, 1864, pro syn. *putzeysiana* A.de Candolle, 1859. —L.B. Smith & B.G. Schubert, Caldasia, 4:192, 1946. [= *foliosa* Kunth in Humboldt, Bonpland & Kunth var. *putzeysiana* (A. de Candolle) L.B. Smith & B.G. Schubert, 1946]. — L. Dorr, Harvard Papers in Botany 4(1):259, 1999.
= **foliosa** Kunth in Humboldt, Bonpland & Kunth var **foliosa**, 1825.

splendida K. Koch, Berliner Allg. Gartenzeitung, 10:74, 1857. —Rollisson ex Henderson, Ill. Bouquet, 1, :sub, pl. 11, 1857–1859. —Klotzsch, Bot. Zeitung., 15:182, 1857 [= *Sphenanthera robusta* Hasskarl ex Klotzsch, 1857]. —A. de Candolle, Prodr., 15(1):275, 1864 [= *Casparya robusta* (Blume) A. de Candolle, 1864]. —Koorders, Exkurs.–Fl. Java, 2:646, 1912. **R**
= **robusta** Blume var. **robusta**, 1827.

spraguei C. Weber, Baileya, 16:126, 1968. —Wilczek, Fl
Congo, Rwanda, Burundi, :30, 1969, [= **mannii** J.D. Hooker, 1864]. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:117, 2002.
= **horticola** Irmscher, 1921.

spruceana A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:142, 1859. —L.B. Smith & B.G. Schubert, Caldasia, 4:78, 1946.
= **semiovata** Liebmann, 1853.

squamipes Irmscher, Bot. Jahrb. Syst., 76:82, 1953. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):80, pl. 24, 1971. [***Begonia***]. Brazil. Fig. 24.18.

squamosa C. de Candolle, Bull. Herb. Boissier, II, 8:315, 1908. Fig. 22.30. —K. Burt–Utley, Brittonia, 36:234, 1984. **R**
= **urophylla** W.J. Hooker, 1855.

squamulosa J.D. Hooker in Oliver, Fl. Trop. Afr., 2:579, 1871. —Engler, Veg. Erde, 9(3.2):620, 1921, pro parte tantum sp. Sierra del Crystal. —Wilczek, Fl. Congo, Rwanda, Burundi, :21, 1969, pro parte tantum sp. Christiaensen 1922. —Hausler, Begonian, 50:65, pl., 1983. —J.C. Arends, Wageningen Agric. Univ. Papers, 91(6): 210, pl. 6, 1992. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:217, pl. 26, 2002. [***Tetraphila***]. Equatorial Guinea, Gabon, Congo: Kinshasa.. Fig. S134, icon (14:118-2). **R**
squamulosa J.D. Hooker var. *squamulosa*, N. Hallé, 1972.

squamulosa J.D. Hooker var. *bipindensis* (Gilg ex Engler) N. Hallé, Adansonia, II, 12:365, pl. 4:fig. 1, 1972. —J.C. Arends, Wageningen Agric. Univ. Papers, 91(6):197, 1992, non rite comb. nova. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:144, 2002. **R**
= **longipetiolata** Gilg, 1904.

squamulosa J.D. Hooker var. *squamulosa*, N. Hallé, Adansonia, II, 12:365, 1972. —J.C. Arends, Wageningen Agric. Univ. Papers, 91(6):210, 1992. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:217, 2002. **R**
= **squamulosa** J.D. Hooker 1871.

squamulosa auct. non J.D. Hooker: Keay, in Hutchinson & Dalziel, Fl. W. Trop. Afr., ed. 2, 1:220, 1954; L.B. Smith, D.C. Wasshausen, J. Golding, & C. Karegeannes, Smithsonian Contr. Bot., 60:377, Fig. 13.17, icon :386, Fig. 14.31, 1986. —J.C. Arends, Wageningen Agric. Univ. Papers, 91(6):210, "1991," 1992. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:217, 2002. **R**
= **longipetiolata** Gilg, 1904.

squarrosa Liebmann, Vid. Medd. Naturh. F. Kjöbenhavn 1852, :7, 1853. [***Gireoudia***]. Mexico. Fig. 22.28.
Gireoudia squarrosa (Liebmann) Klotzsch, 1854.

hepatica-maculata hort. ex R. Ziesenhenne, 1952.

squarrosa auct. non Liebmann: Seemann, Bot. Voy. Herald, :128, 1854. —A. de Candolle, Prodr., 15(1):343, 1864 [= **stigmosa** Lindley, 1845, sphalmate]. —K. Burt-Utley, Brittonia, 36:234, 1984.
= **urophylla** W.J. Hooker, 1855.

standleyi Houghton ex Standley & Calderon, Lista Prelim. Pl. Salvad., :157, 1925, nomen nudum.

staudtii Gilg, Bot. Jahrb. Syst. 34:90, 1904. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):210, fig. 16.20, pl. 3c, 1994. [***Loasibegonia***]. Nigeria, Cameroon. Fig. 2.8. **R**
staudtii Gilg var. *staudtii*, 1904.
staudtii Gilg var. *dispersipilosa* Irmscher, 1954.

staudtii Gilg var. *staudtii*, Bot. Jahrb, Syst., 34:90, 1904. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):210, 1994. **R**
= **staudtii** Gilg, 1904.

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= **staudtii** Gilg, 1904.

stellata M. Sosef, Wageningen Agric. Univ. Paper, 91(4): 143, Fig. 8, "1991," 1992; Wageningen Agric. Univ. Papers, 94(1):214, fig. 16.21, 1994. [***Loasibegonia***]. Cameroon. Fig. S127, (13;4-1a). **N**

stenocardia L.B. Smith & B.G. Schubert, Caldasia, 4:188, pl. 15, 1946. [***Knesebeckia***]. Colombia. Fig. 20.44, icon.

stenogyna Sands, Check List Flowering Pl of Brunei Darussalam, App. 2: 432, 1997. Brunei. Editus sero pro clave. **N**

stenolepis L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):43, pl. 13, 1971. [***Pritzelia***]. Brazil. Fig. 29.12.

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stictopoda (Miquel) A. de Candolle, Prodr., 15(1):391, 1864. [***Reichenheimia I***]. Indonesia: Sumatra. Fig. S102, (9;13-2a). **R**
Mitscherlichia stictopoda Miquel, 1858.

stigmosa Lindley, Edwards's Bot. Reg., 31, Misc., :32, 1845. —K. Burt-Utley, Brittonia, 36:234, 1984. [***Gireoudia***]. Mexico. Fig. 22.32. **R**
Gireoudia stigmosa (Lindley) Klotzsch, 1854.

stigmosa auct. non Lindley: L.B. Smith & B.G. Schubert, Caldasia, 4:14, pl, 2, 1946. —K. Burt-Utley, Brittonia, 36:235, 1984. **N**
= **urophylla** W.J. Hooker, 1855.

stilandra Merrill & Perry, J. Arnold Arbor., 24:52, pl. 5a–d, 1943. [***Petermannia***]. New Guinea. Fig. 30.36.

stipulacea Willdenow, Sp. Pl., 4:414, 1805. [***Begonia***]. Origin unknown. Fig. 32.30.
disticha Link, 1822.

stipularis Sprengel in Schrader, J. Bot., 2:195, 1801. [*?*]. Brazil. Sine figura. Descriptione inchoata.

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strigillosa Dietrich, Allg. Gartenzeitung, 19:330, 1851. [***Gireoudia***]. Mexico, Central America. Fig. 22.27.
Gireoudia strigillosa (Dietrich) Klotzsch, 1854.
daedalea Lemaire, 1860.
barbana C. de Candolle, 1896.
tinctoria L.B. Smith & B.G. Schubert, 1939.

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= **odorata** Willdenow, 1813.

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= **minor** Jacquin, 1787.

suaveolens auct. non Loddiges: A. de Candolle, Prodr., 15(1):294, 1864, quoad pl. herb. Monac. —O.E. Schulz in Urban, Symb. Antil., 7:19, 1911. **R**
= **dominicalis** A. de Candolle ex Grisebach, 1860.

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acida Martius ex A. de Candolle 1861, non Vellozo, 1831.

subacuto–alata De Wildeman, Bull. Jard. Bot. Etat., 5:52, 1915. —Irmscher, Bot. Jahrb. Syst., 81:120, 1961 [= *princeae* Gilg var. *princeae* f. *vulgata* Irmscher, 1961]. —Wilczek, Fl. Congo, Rwanda, Burundi, :44, 1969.
= **princeae** Gilg, 1901.

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macambrarensis Excell, 1944. Fig. 12.6

subcaudata Rusby ex L.B. Smith & B.G. Schubert, Revista Univ. (Cuzco), 33(87):81, 1944. [***Hydristyles***]. Bolivia. Fig. 30.51.

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subciliata A. de Candolle var. *eusubciliata* Irmscher, 1949.
cyathophora auct. non Poeppig & Endlicher: L.B. Smith & B.G. Schubert, 1941.

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= **cucullata** Willdenow var. **arenosicola** C.. de Candolle) L.B. Smith & B.G. Schubert, 1941.

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= **cucullata** Willdenow var. **arenosicola** C.. de Candolle) L.B. Smith & B.G. Schubert, 1941.

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subelliptica Merrill & Perry, J. Arnold Arbor., 24:57, pl. 7c–e, 1943. [***Petermannia***]. New Guinea. Fig. 21.19.

subfalcata De Wildeman, Ann. Mus. Cong., V, 2:323, 1905. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):242, 1994. **R**
= **hirsutula** J.D. Hooker 1871.

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= **humilis** Dryander var. **humilis**, 1789.

sublobata Jack, Malay Misc., 2(7):10, 1822. [***Diploclinium I***]. Indonesia. Sine figura, (9:21-2). **R**
Diploclinium sublobatum (Jack) Miquel, 1856.

subnummularifolia Merrill, Philipp. J. Sci., 29:403, 1926. [***Diploclinium I***]. Borneo. Fig. 9.3.

suborbiculata Merrill, Philipp. J. Sci., 6:398, "1911," 1912. [***Diploclinium I***]. Philippines. Fig. 26.23.

subovata Wallich, Num. List, 129, :no. 3683, 1831, nomen nudum. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:642, 1879. —J. Golding, Phytologia, 40:15, 1978.
= **ovatifolia** A. de Candolle var. **ovatifolia,** 1859.

subpeltata Wight, Icones, 5:9, pl. 1812, 1852. [***Reichenheimia III***]. India. Fig. 23.20, icon.
Reichenheimia subpeltata (Wight) Klotzsch, 1855.

subperfoliata Parish ex Kurz, J. Asiat. Soc. Beng., 42(2):81, 1873. [***Diploclinium III***]. Burma. Fig. 2.35.

subpetala hort. ex Regel, Gartenfl., 15:358, 1866, non Wight, 1852. —Irmscher, Pareys Blumengart., ed. 2, :89, 1960.
= **incarnata** Link & Otto var. **incarnata,** 1829.

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= **juntasensis** Kuntze, 1898.

subrotunda Wallich, Num. List, 213:no. 6293, 1832. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:650, 1879. —J. Golding, Phytologia, 40:19, 1978.
= **sinuata** Wallich ex Meisner var. **sinuata,** 1836.

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latipetiolata Irmscher, 1921.

subspinulosa Irmscher, Bot. Jahrb. Syst., 74:592,

1949. [*Cyathocnemis*]. Peru. Fig. 33.9.

subtilis Irmscher, Bot. Jahrb. Syst. 81:185, 1961. Fig. 8.9. --M. Sosef, Wageningen Agric. Univ. Papers, 94(1):180, 1994. **R**
= **pseudoviola** Gilg, 1904.

subtruncata Merrill, Philipp. J. Sci., 6:390, "1911," 1912. [*Petermannia*]. Philippines. Fig. 27.22.

subvillosa Klotzsch var. **subvillosa,** Abh. Königl. Akad. Wiss. Berlin 1854, :152, 1855; Begoniac., :32, 1855. —L.B. Smith & R.C. Smith, Fl. Il. Catarin., 1(Bego):102, pl.31, 1971. [*Begonia*]. Brazil. Fig. 27.37.
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serafinensis Brade, 1958.
serafinensis Brade var. *cerqueirae* Brade, 1958.

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subviridis Craib, Bull. Misc. Inform., :418, 1930. [*Diploclinium II ?*]. Siam. Sine figura, (32;36-1). **R**

sucrensis L.B. Smith & B.G. Schubert, Fieldiana: Bot., 28:418, pl. 90, 1952.
= **dichotoma** Jacquin, 1790.

sudjanae Jansson, Acta Horti Gotob, 26:1, pls. 1–2, 1963. [*Reichenheimia I*]. Indonesia: Sumatra. Fig. 2.38.

suffrutescens Merrill & Perry, J. Arnold Arbor., 24:49, pl. 4c–e, 1943. [*Petermannia*]. New Guinea. Fig. 18.37.

suffruticosa Meisner, Linnaea, 14:502, "1840," 1841. Natal. Fig. 5.13. —Hilliard in Ross, Fl. South Afr., 22:142, 1976. **R**
= **dregei** Otto & Dietrich var. **dregei**, 1836.

suffruticosa Meisner var. *gueinziana* A. de Candolle, Prodr., 15(1):385, 1864. —Irmscher, Bot. Jahrb. Syst., 81:177, 1961 [= *gueinziana* Irmscher, 1961]. —Hilliard in Ross, Fl. South Afr., 22:141, 1976. **R**
= **sutherlandii** J.D. Hooker subsp. **sutherlandii**, 1868.

suffruticosa Meisner f. *bolusii* Irmscher, Bot. Jahrb. Syst., 81:143, pl. 6:fig. 2, 1961. —Hilliard in Ross, Fl. South Afr., 22:142, 1976. **R**
= **dregei** Otto & Dietrich var. **dregei**, 1836.

suffruticosa Meisner f. *worsdellii* Irmscher, Bot. Jahrb. Syst., 81:143, 1961. —Hilliard in Ross, Fl. South Afr., 22:142, 1976. **R**
= **dregei** Otto & Dietrich var. **dregei**, 1836.

suffruticosa Pavon ex A. de Candolle, Prodr., 15(1):311, 1864. non Meisner, 1840, pro syn. **boissieri** A. de Candolle, 1864.

sulcata Scheidweiler in Otto & Dietrich, Allg. Gartenzeitung, 16:130, 1848. —A. de Candolle, Prodr., 15(1):288, 1864. —L.B. Smith & B.G. Schubert, Caldasia, 4:87, pl. 9, 1946. —L.B. Smith, Phytologia, 27:218, 1973.
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meyeri W.J. Hooker, 1844, non Otto & Dietrich, 1836. Fig. 2.43, icon.
Rachia meyeri (W.J. Hooker) Klotzsch, 1855.

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surculigera Kurz, Flora, 54:296, 1871. [*Diploclinium II*]. Burma. Fig. 11.11.

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lacunosa auct. non Warburg, Reitsma, 1964.

sutherlandii J.D. Hooker subsp. **sutherlandii,** Bot. Mag., 94:pl. 5689, 1868. —Irmscher, Bot. Jahrb. Syst., 81:169, 1961. —Hilliard in Ross, Fl. South Afr., 22:140, pl. 45:fig. 1, 1976. —Kupicha in Launert, Fl. Zambesiaca, 4:503, 1978. "*sutherlandi.*" [***Augustia***]. South Africa. (Fig. 5.19) (Fig. 6.1) Fig. 28.48, icon. **R**
suffruticosa Meisner var. *gueinziana* A. de Candolle, 1864.
snitcheri hort, 1929.
buttonii Irmscher, 1961. Fig. 5.19.
dissecta Irmscher, 1961.
gueinziana Irmscher, 1961. Fig. 6.1.
sutherlandii J.D. Hooker var. *minuscula* Irmscher, 1961.
sutherlandii J.D. Hooker var. *subcuneata* Irmscher, 1961.
flava Binns, 1968, non W. Marais, 1956.
sutherlandii Binns, 1968.

sutherlandii J.D. Hooker subsp. **latior** Kupicha in Launert, Fl. Zambesiaca, 4:503, 1978. Zambia. **R**
sutherlandii Phillips 1928.
flava W. Marais 1956.
sutherlandii J.D. Hooker var. *latior* Irmscher f. *latior* Irmscher, 1961.
sutherlandii J.D. Hooker var. *latior* Irmscher f. *densiserrata* Irmscher, 1961.

sutherlandii J.D. Hooker var. **rubrifolia** Irmscher, Bot. Jahrb. Syst., 81:169, 1961.

sutherlandii J.D. Hooker var. *latior* Irmscher f. *latior* Irmscher, Bot. Jahrb. Syst., 81:165, pl. 9:fig. 1, 1961. —Hilliard in Ross, Fl. South Afr., 22:141, 1976 [= *sutherlandii* J.D. Hooker var. *sutherlandii,* 1868]. —Kupicha in Launert, Fl. Zambesiaca, 4:503, 1978. **R**
= **sutherlandii** J.D. Hooker subsp. **latior** Kupicha 1978.

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= **sutherlandii** J.D. Hooker subsp. **latior** Kupicha 1978.

sutherlandii J.D. Hooker var. *minuscula* Irmscher, Bot. Jahrb. Syst., 81:170, pl. 10:fig. 1, 1961. —Kupicha in Launert, Fl. Zambesiaca, 4:503, 1978. **R**
= **sutherlandii** J.D. Hooker subsp. **sutherlandii,** 1868.

sutherlandii J.D. Hooker var. *subcuneata* Irmscher, Bot. Jahrb. Syst., 81:164, pl. 8:fig. 2, 1961. —Kupicha in Launert, Fl. Zambesiaca, 4:503, 1978. **R**
= **sutherlandii** J.D. Hooker subsp. **sutherlandii,** 1868.

sutherlandii Phillips in Fl. Pl. S. Afr., 8:pl. 283, 1928. non visus. —Kupicha in Launert, Fl. Zambesiaca, 4:503, 1978. **N**
= **sutherlandii** J.D. Hooker subsp. **latior** Kupicha

sutherlandii Binns, H.C.L.M, :23, 1968. non visus. —Kupicha in Launert, Fl. Zambesiaca, 4:503, 1978. **N**
= **sutherlandii** J.D. Hooker subsp. **sutherlandii,** 1868.

sychnantha L.B. Smith & D.C. Wasshausen, Phytologia, 54:469, 1984 [***Reichenheimia I***]. Indonesia: Sumatra. Fig. 31.1. **R**
polyantha Ridley, 1917, non Léveillé, 1916.
trichopoda Miquel var. *polyantha* (Ridley) Irmscher, 1960.

sylvatica Meisner ex A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:138, 1859. [***Pritzelia***]. Brazil. Fig. 30.6.
canaliculata Brade, 1950.

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= **arborescens** Raddi var. **arborescens,** 1820.

sympodialis Irmscher, Webbia, 9:495, pl. 6, 1953. [***Petermannia***]. Borneo: Sarawak. Fig. 17.9.

syphillitica Sessé & Mociño, Pl. Nov. Hisp., :162, 1890. "*syphilitica.*" non visus. —L.B. Smith & B.G. Schubert, Contr. Gray Herb., 154:27, 1945 [= *monoptera* Link & Otto, 1828]. —C. Karegeannes, Begonian, 50,9, 1983. **R**
= **balmisiana** Balmis var. **balmisiana,** 1794.

tacanana R. Ziesenhenne, Begonian, 38:80–84, pl, 1971. "*tacana*." [***Gireoudia***]. Mexico. Fig. 22.17.

tafaensis Merrill & Perry, J. Arnold Arbor., 24:55, pl. 6d–f, 1943. [***Petermannia***]. New Guinea. Fig. S33, (27;90-1). **R**

tafiensis Lillo, Prim. Reun. Nac. Soc. Argent. Cien. Nat. Tucuman 1916, :224, 1919. —emend. Descole, O'Donell & Lourteig, Lilloa, 4:46, pl. 6, 1939. —L.B. Smith & B.G. Schubert, Darwiniana, 5:99, pl. 10, 1941. [***Eupetalum***]. Argentina. Fig. 28.6, icon.

taiwaniana Hayata var. **taiwaniana**, J. Coll. Sci. Imp. Univ. Tokyo, 30:125, 1911. [***Diploclinium II ?***].Taiwan. Fig. 20.39. **R**

taiwaniana Hayata var. **albomaculata** Shao-Shun Ying, Coloured Illustr. Pl. Taiwan, 3:623, 1988. "*albo-maculata*." Taiwan. **N**

taliensis Gagnepain, Bull. Mus. Hist. Nat. (Paris), 25:279, 1919. [***Diploclinium II***]. China. Fig. 4.38.

tampinica Burkill ex Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 8:130, 1929. [***Platycentrum***]. Malaya. Fig. 14.6.

tanacetifolia hort. ex Graham, Edinburgh New Philos. J.,:182, 1833, [= *radiata* Graham, 1833]. —Link & Otto, Allg. Gartenzeitung, 4:348, 1836.
= **heracleifolia** Schlechtendal & Chamisso var. **heracleifolia**, 1830.

tanala Humbert ex Keraudren-Aymonin & Bosser Bull. Mus. Hist. Nat. (Paris), III, 47:82, 1972. —M. Keraudren–Aymonin, Fl. Madagascar, 144:87, pl. 27:figs. 1–6, 1983. [*?*]. Madagascar. Fig. 16.31.

tarokoensis M.J. Lai, Landscape Archit. (Taiwan), 1990(4):125, pl., 1990. [***Platycentrum***]. Taiwan. Sine figura, (24;3-2a). **N**

tascellezii hort, Hort. Franc, 13:123, 1863, non visus.

tatoniana Wilczek, Bull. Jard. Bot. Nat. Belg., 39:89, pl. 1, 1969. —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:236, pl. 29, 2002. [***Tetraphila***]. Congo: Kinshasa, Uganda, Angola. Fig. 14.9. **R**
eminii subsp. *ambacensis* Fernandes, 1970.

tawaensis Merrill, Univ. Calif. Publ. Bot., 15:211, 1929. [***Petermannia***]. Borneo: Sabah. Fig. 27.40.

tayabensis Merrill, Philipp. J. Sci., 13:38, 1918. [***Reichenheimia I***]. Philippines. Fig. 2.32.

tayloriae Standley ex herb. F.A. Barkley, 1969, ined. —Standley ex F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2, :127, 1974.
= **uniflora** S. Watson, 1890.

tayloriana Irmscher, Bot. Jahrb. Syst., 81:122, 1961. [***Augustia***]. Tanganyika. Fig. 5.33.

telfariae W.J. Hooker ex Steudel, Nom. Bot., ed 2, 1:194, 1840, non **Begonia** sphalmate pro Bignonia telfairiae W.J. Hooker.

temburongensis Sands, Check List Flowering Pl of Brunei Darussalam, App. 2: 432, 1997. Brunei. Editus sero pro clave. **N**

tenella D. Don, Prodr. Fl. Nepal, :223, 1825. —A. de Candolle, Prodr., 15(1):327, 1864 [= *amoena* Wallich ex A. de Candolle, 1864]. —H. Hara in H. Ohashi, Fl. E. Himalaya, 3:85, 1975. **R**
= **dioica** F. Hamilton ex D. Don, 1825.

tenera Dryander var. **tenera**, Trans. Linn. Soc., 1:169, pl. 16, 1791. —A.H.M. Jayasuriya in M.D. Dassanayake & F.R. Fosberg, Rev. Handb. Fl. Ceylon, 4:140, 1983. [***Reichenheimia III***]. Ceylon. Fig. 23.23, icon. **R**
Falkea tenera Koenig ex Dryander, 1791.
rupestris Moon ex Trimen, 1894.

tenera Dryander var. **thwaitesii** A.H.M. Jayasuriya in M.D. Dassanayake & F.R. Fosberg, Rev. Handb. Fl. Ceylon, 4:141, 1983. Ceylon. **N**
thwaitesii W.J. Hooker, 1853.
zeylanica Van Houtte Cat. 1855 ex Klotzsch, 1856.
Reichenheimia thwaitesii (W.J. Hooker)

Klotzsch, 1855.
Reichenheimia zeylanica Klotzsch, 1856.

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= **discrepans** Irmscher, 1953.

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Platycentrum tenuifolium (Dryander) Miquel, 1856.
varians A. de Candolle, 1859.
lineata N.E. Brown, 1882.

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= **plebeja** Liebmann, 1853.

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= **plebeja** Liebmann, 1853.

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teuscheri Linden ex André, Ill. Hort., 26:137, pl. 358, 1879. [***Pritzelia***]. Netherland Indies. Descriptione inchoata.

teuscheri Linden ex André var. *punctata* Linden, Ill. Cat., 112:11, 1883, nomen nudum.

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= **poculifera** J.D. Hooker var. **teusziana** (J. Braun & K. Schumacher) J.J. de Wilde 1980.

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Platycentrum teysmannianum Miquel, 1858.
Casparya teysmanniana Miquel ex A. de Candolle, 1864.

thaipingensis King, J. Asiat. Soc. Beng., pt. 2, Nat. Hist., 71:61, 1902. [***Parvibegonia***]. Malaya. Fig. 9.1.

thelmae L.B. Smith & D.C. Wasshausen, Begonian, 49:114, 1981. [?]. Brazil. Fig. 19.2.

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macdougallii R. Ziesenhenne, 1947. Fig. 5.3.

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aptera Decaisne, 1834, non Blume, 1827, nec Roxburgh, 1832.
Diploclinium timorense Miquel, 1856.
decaisneana Gagnepain, 1919.

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= **strigillosa** Dietrich, 1851.

tiomanensis Ridley, Bull. Misc. Inform., :73, 1928. [***Platycentrum***]. Malaya. Fig. 8.17.

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= **oxyloba** Welwitsch ex J.D. Hooker 1871.

toledana L.B. Smith & B.G. Schubert var. **toledana,** Caldasia, 4:26, pl. 5, 1946. [***Casparya***]. Colombia, Venezuela. Fig. 21.29.

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tomentosa Schott var. **tomentosa,** in Sprengel, Syst. Veg., 4(app) :408, 1827. [***Pritzelia***]. Brazil. Fig. 29.33.
Gurltia tomentosa (Schott) Klotzsch, 1855.

tomentosa Schott var. **eriocaulis** A. de Candolle in Martius, Fl. Bras., 4(1):376, 1861. Brazil.
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eriocaulis Visiani, 1843.
Gurltia meyeri (Otto & Dietrich) Klotzsch, 1854.

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allenii Standley, 1938.

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torresii Standley, J. Wash. Acad. Sci., 17:313, 1927. —L.B. Smith & B.G. Schubert, Caldasia, 4:34, 1946.
= **urticae** Linnaeus f., 1781.

torricellensis Warburg in Schumann & Lauterbach, Fl. Deutsch. Schutzgeb. Südsee, :321, 1905. [***Petermannia***]. New Guinea. Fig. 19.27.

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= **fischeri** Schrank var. **fischeri**, May 1820.

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= **fischeri** Schrank var. **fischeri**, May 1820.

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= **fischeri** Schrank var. **palustris** (Bentham) Irmscher, 1953.

tovarensis Moritz ex Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :151, 1855; Begoniac., :31, 1855, pro syn *moritziana* Klotzsch, 1855. —A. de Candolle, Prodr., 15(1):303, 1864 [= *tovarensis* Klotzsch, 1855]. —L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 40:245, 1950 [= *patula* Haworth, 1819]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,470, 1984.
= **fischeri** Schrank var. **fischeri,** May 1820.

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= **urticae** Linnaeus f., 1781.

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= **montana** (A. de Candolle) Warburg in Engler & Prantl, 1894.

trapa L.B. Smith & B.G. Schubert var. *pilosa* L.B. Smith & D.C. Wasshausen, Phytologia, 56:16, 1984. — L. Dorr, Harvard Papers in Botany 4(1):255, 1999. **R**
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trianae (A. de Candolle) Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894. [***Casparya***].Colombia. Fig. 27.3.
Casparya trianae A. de Candolle, 1859.

tribenensis Rao, J. Bombay Nat. Hist. Soc., 65:724, pl, "1968," 1969. [***Diploclinium III***]. Nepal. Sine figura, (24;16-2),(34; 7-1),(34;23-2),(34; 63-1) & (34;83-1). **R**

tribracteata Irmscher, Bot. Jahrb. Syst., 74:589, 1949. [***Cyathocnemis***]. Peru. Fig. 33.1.

trichocarpa Dalzell in W.J. Hooker, J. Bot. Kew Gard., Misc., 3:230, 1851. [***Reichenheimia II***]. India. Fig. 11.12.

trichochila Warburg in Perkins, Fragm. Fl. Philipp., :53, 1904. [***Diploclinium I***]. Philippines. Fig. 9.23.

trichopoda Miquel, Fl. Ned. Ind., 1,1:1093, 1858; Fl. Ned. Ind., Suppl. 1:333, 1861. —A. de Candolle, Prodr., 15(1):386, 1864. [***Reichenheimia II***]. Indonesia: SumatraSine figura, (12;35-1). **R**
Mitscherlichia trichopoda Miquel, 1861.

trichopoda Miquel var. *polyantha* (Ridley) Irmscher, Pareys Blumengart., ed. 2, :89, 1960. **N**
= **sychnantha** L.B. Smith & D.C. Wasshausen, 1984.

trichosepala C. de Candolle, Bot. Gaz., 20:542, 1895. [***Weilbachia ?***]. Guatemala. Fig. S11, (9;20-1). **R**
erythrotricha C. de Candolle, 1908.

tricornis Ridley, J. Roy. Asiat. Soc. Straits Br., 75:35, 1917. Malaya. [***Sphenanthera***]. Fig. 20.8. *roxburghii* auct. non A. de Candolle: Ridley, 1909.

tricuspidata C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:637, 1879. [***Alicida***]. Burma. Fig. 7.22.

triflora Irmscher var. *triflora*, Bot. Jahrb. Syst., 57:245, 1921. —N. Hallé, Adansonia, II, 7:509, pl. 1:figs. 1–11, 1967. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):206, 1994. Fig. 3.9. **R**
= **scutifolia** J.D. Hooker, 1871.

triflora Irmscher var. *caloskiadia* N. Hallé, Adansonia, II, 7:509, pl.1:figs. 12–14, 1967. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):206, 1994. **R**
= **scutifolia** J.D. Hooker, 1871.

trigonocarpa Ridley, Trans. Linn. Soc. London, Bot., II, 9:38, 1917. [***Sphenanthera***], Indonesia: Sumatra. Fig. 28.11.

trigonoptera Sprague, Bull. Misc. Inform., :218, 1921. Fig. 5.10.
—K. Burt–Utley, Tulane Studies Zool. Bot., 25(1):90, 1985. **R**
= **heracleifolia** Schlechtendal & Chamisso var. **heracleifolia**, 1830.

triloba C. de Candolle, Bull. Herb. Boissier, II, 8:322, 1980. —L.B. Smith & B.G. Schubert, Ann. Missouri Bot. Gard., 45:62, 1958.
= **heydei** C. de Candolle, 1895.

triradiata C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:637, 1879. [***Alicida***]. Burma. Fig. 11.7

triramosa Irmscher, Bot. Jahrb. Syst., 74:613, 1949. [***Knesebeckia***]. Ecuador. Fig. 4.13.

trispathulata (A. de Candolle) Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894. — L. Dorr, Harvard Papers in Botany 4(1):256, 1999. [***Casparya***]. Colombia, Venezuela. Fig. 30.41.

trisulcata (A. de Candolle) Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):142, 1894. [***Sphenanthera***], Indonesia: Java. Fig. 27.25.
Casparya trisulcata A. de Candolle, 1859.

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tropaeolifolia A. de Candolle var. **puberula** L.B. Smith & B.G. Schubert, Lloydia, 13:87, 1950. Ecuador.

trujillensis L.B. Smith, Phytologia, 25:418, 1973. [***Casparya***]. Venezuela. Fig. 3.35.

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truncata Vellozo, Fl. Flum., icon., 10:pl. 47, "1827," 1831; descr., Arch. Mus. Nat. Rio de Janeiro, 5:406, 1881. —Walpers, Repert. Bot. Syst., 2:210, 1843 [= *vitifolia* Schott, 1827]. —A. de Candolle in Martius, Fl. Bras., 4(1):369, 1861 [= *vitifolia* Schott var. *grandis* A. de Candolle, 1861]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:470, 1984.
= **reniformis** Dryander, 1791.

truncatiloba Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:534, 1939. —S.H. Huang, & Y.M. Shui, Acta Bot. Yunnanica, 21(1):17, pl. 5, figs, 1-3. 1999. [***Platycentrum***]. China: Yunnan. Fig. 4.49. **R**

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tsaii Irmscher, Notes Roy. Bot. Gard. Edinburgh, 21:42, 1951. [***Platycentrum***]. China: Yunnan. Fig. 22.5.

tsaratananensis Aymonin & Bosser, Fl. Madagascar, 144:40, pl. 12:figs. 1-2, 1983. [***Quadrilobaria***]. Madagascar. Fig. S87, (7;6-1a). **R**

tsimihety Humbert ex Keraudren-Aymonin & Bosser, Bull. Mus. Hist. Nat. (Paris), III, 47:82, 1972. —M. Keraudren–Aymonin, Fl. Madagascar, 144:91, pl. 23:figs. 5–11, 1983. [***Erminea***]. Madagascar. Fig. S120, (11;28-1). **R**

tsoongii C.Y. WU, Acta Phytotax, Sin., 33(3):280, pl. 24, 1995. [***Platycentrum***]. China: Guangxi. Fig. S138, icon (15;7-1a). **N**

tuberosa Lamarck, Encyc., 1:393, 1785, nomen superfluum.—Merrill, Interp. Herb. Amboin., :379, 1917. —Backer & Van den Brink, Fl. Java, 1:309, 1964. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:446, 1983
= **muricata** Blume, 1823.

tuberosa herb. Wight ex Wallich, Num. List, 129, :no. 3675B, 1831, nomen nudum, non Lamarck, 1785.—C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:655, 1879. —J. Golding, Phytologia, 40:10, 1978 [= *malabarica* Lamarck var. *dipetala* C.B. Clarke, 1879, sphalmate]. —Irmscher, Pareys Blumengart., ed. 2, :78, 1960.
= **dipetala** Graham, 1828.

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= **malabarica** Lamarck var. **hydrophila** C.B. Clarke 1879.

tuberosa hort Heyne ex A. de Candolle, Prodr., 15(1):391, 1864, fide schedula Wight, non Lamarck, 1785, pro syn. **dipetala** Graham, 1828. **R**

tuberosa Ruiz ex Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :121, 1854, non Lamarck, 1785, pro syn. *Eupetalum tuberosum* Klotzsch, 1855.—A. de Candolle, Prodr., 15(1):281, 1864.
= **geraniifolia** W.J. Hooker, 1835.

tuberosa Pavon ex A. de Candolle, Prodr., 15(1):311, 1864, non Lamarck, 1785, pro syn. **bulbillifera** Link & Otto, 1831.

tuberosa Sessé & Mociño, Pl. Nov. Hisp., :163. 1890, non visus. ; Fl. Mex, ed. 2, :218, 1894. —L.B. Smith & B.G. Schubert, Contr. Gray Herb., 154:27, 1945.
= **gracilis** Kunth in Humboldt, Bonpland & Kunth var. **martiana** A. de Candolle, 1864.

tuerckheimii C. de Candolle, Bot. Gaz., 20:542, 1895. —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:178, 1961.
= **pinetorum** A. de Candolle, 1859.

tumaitesii hort, Horticulturist, 14:418, 1859, non visus. [*?*].

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turbinata Ridley, J. Fed. Malay States Mus., 8(4):37, 1917. [***Sphenanthera***] Indonesia: Sumatra. Fig. 20.41.

turrialbae Burt-Utley & Utley, Novon 9:488, pl. 4, 1999. [***Weilbachia***]. Costa Rica. Fig. S188, icon (26;22-2a). **N**

udisilvestris C. de Candolle, Smithsonian Misc. Collect., 69(12):9, 1919. [***Parietoplacentalia***]. Guatemala to Panama. Fig. 29.24.
salvadorensis Irmscher, 1963.

ulei C. de Candolle, Bull. Herb. Boissier, II, 8:313, 1908. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,470, 1984.
= **fischeri** Schrank var. **fischeri,** May 1820.

uliginosa Schott ex Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :155, 1855; Begoniac., :35, 1855. —L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 40:245, 1950 [= *patula* Haworth, 1819]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,470, 1984.
= **fischeri** Schrank var. **fischeri,** May 1820.

uliginosa Schott ex Klotzsch var. *ermanii* (Klotzsch) A. de Candolle in Martius, Fl. Bras., 4(1):347, 1861, "*ermani.*" —Irmscher, Bot. Jahrb. Syst., 76:24, 1953.
= **fischeri** Schrank var. **ermanii** (Klotzsch) Irmscher, 1953.

ulmifolia Bang ex Kuntze, Revis. Gen. Pl., 3(2):105, 1898, non Willdenow, 1825, pro syn. **bangii** Kuntze, 1898.

ulmifolia Willdenow, Sp. Pl., 4:418, 1805.—Link & Otto, Icon., :pl. 38, 1825. [***Donaldia***]. Guyana, Trinidad, Venezuela. Fig. 17.3, icon.
Donaldia ulmifolia (Willdenow) Klotzsch,

1854.

umbellata Kunth in Humboldt, Bonpland & Kunth, Nov. Gen. Sp., 7:folio 143, quarto 187, 1825. —Irmscher, Bot. Jahrb. Syst., 50:573, pl. 4:figs. 26a–b, 1914. [***Casparya***]. Colombia. Fig. 21.13, icon.
Isopteris umbellata (Kunth in Humboldt, Bonpland & Kunth) Klotzsch, 1854.
Isopteryx umbellata (Kunth in Humboldt, Bonpland & Kunth) Klotzsch, 1855.
Casparya umbellata (Kunth in Humboldt, Bonpland & Kunth) A. de Candolle, 1864.
fissisepala C. de Candolle, 1908.

umbilicata hort. ex Planchon, Fl. des Serres, 1, 8:sub. pl. 810, 1853, pro syn. *hernandiifolia* W.J. Hooker, 1852. —A. de Candolle, Prodr., 15(1):390, 1864 [= *peltata* Hasskarl, 1843]. —J. Golding, Phytologia, 47:293, 1981.
= **coriacea** Hasskarl, 1844

umbraculifera J.D. Hooker, Bot. Mag., 22:pl. 7457, 1896. [***Pritzelia***]. Brazil. Fig. 3.25, icon.

umbraculifolia Yu Wan & Ben–Neng Chang, Acta Phytotax. Sin., 25(4):322, 1987. [***Coelocentrum***]. China. Ine figura. **N**

umbrata hort. ex A. de Candolle, Prodr., 15(1):396. 1864. —L.B. Smith & B.G. Schubert, Caldasia, 4:186, 1946.
= **holtonis** A. de Candolle var. **holtonis**, 1859.

uncinata hort. ex Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :124, 1854, pro syn. *Augustia caffra* Klotzsch, 1854. —Irmscher, Bot. Jahrb. Syst., 81:136, 1961 [= *caffra* Meisner, 1841]. —Burtt, Notes Roy. Gard. Edinburgh, 32:274, 1973.
= **homonyma** Steudel, 1840.

unduavensis Rusby, Descript. New Spec. S. Amer. Pl., :64, 1920. [***Hydristyles***]. Bolivia. Fig. 30.7. *lignosa* Rusby, 1920.

undulata Schott in Sprengel, Syst. Veg., 4(app) :408, 1827. —Graham, Bot. Mag., 54:pl. 2723, 1827. [***Gaerdtia***]. Brazil. Fig. 20.1, icon.
undulata Otto ex Graham, 1827.
Trilomisa undulata Rafinesque, 1836.
Gaerdtia undulata (Schott) Klotzsch, 1854.
Gaerdtia stenobotrys Klotzsch, 1855.

undulata Otto ex Graham, Bot. Mag., 54:pl. 2723, 1827, pro syn. **undulata** Schott, 1827.

unialata C. de Candolle in Huber, Bull. Herb. Boissier, II, 1:316, 1901. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:470, 1984.
= **convolvulacea** (Klotzsch) A. de Candolle, 1861.

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unilateralis Rusby, Phytologia, 1:68, 1934. [***Hydristyles***]. Bolivia. Fig. 30.10.

urdanetensis Elmer, Leafl. Philipp. Bot., 7:2559, 1915. [***Petermannia***]. Philippines. Fig. 14.28.

urophylla W.J. Hooker, Bot. Mag., 81:pl. 4855, 1855. [***Gireoudia***]. Guatemala to Colombia, Venezuela. (Fig. 22.3) Fig. 22.24, icon (Fig. 22.30). **R**
Gireoudia setosa Klotzsch, 1855.
Gireoudia urophylla (W.J. Hooker) Klotzsch, 1855.
setifera A. de Candolle, 1864.
squamosa C. de Candolle, 1908. Fig. 22.30.
villipetiola C. de Candolle, 1919.
santae–martae Irmscher, 1949.
boquetensis Irmscher, 1959. Fig. 22.3.
squarrosa auct. non Liebmann: Seemann, 1854.
stigmosa auct. non Lindley: L.B. Smith & B.G. Schubert, 1946.

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4:28, pl. 6, 1946. [***Casparya***]. Colombia. Fig. 18.28.

urticae Linnaeus f., Suppl., :420, 1781. [***Casparya***]. Costa Rica to Venezuela and Peru. (Fig. 18.7, icon) **R**
urticifolia J.E. Smith, 1790, Fig. 18.7, icon.
columnaris Bentham, 1844.
trachyptera Bentham, 1845.
coccinea Ruiz ex Klotzsch, 1854.
glabra herb. Ruiz ex Klotzsch, 1854.
Casparya coccinea Klotzsch, 1854, nomen nudum.
Sassea columnaris (Bentham) Klotzsch, 1854.
Sassea glabra Klotzsch, 1854, nomen nudum.
Sassea urticae (Linnaeus f) Klotzsch, 1854.
Stiradotheca trachyptera (Bentham) Klotzsch, 1854.
cucullata Ruiz ex Klotzsch, 1855.
Stibadotheca trachyptera (Bentham) Klotzsch, 1855.
Casparya antioquensis A. de Candolle, 1859.
columnaris Pavon in herb. Boissier ex A. de Candolle, 1864.
Casparya columnaris (Bentham) A. de Candolle, 1864.
Casparya columnaris (Bentham) A. de Candolle var. *glabra* A. de Candolle, 1864.
Casparya trachyptera (Bentham) A. de Candolle, 1864.
Casparya urticae (Linnaeus f) A. de Candolle, 1864.
Casparya urticae (Linnaeus f) A. de Candolle var. *hispida* A. de Candolle, 1864.
Sassea hoffmanniana Klotzsch ex A. de Candolle, 1864.
Stibadotheca urticae Klotzsch ex A. de Candolle, 1864.
antioquensis (A. de Candolle) Warburg 1894.
monticola C. de Candolle, 1908.
torresii Standley, 1927.
urticae Linnaeus f. var. *hispida* A. de Candolle ex Standley, 1937.
chiriquensis Standley, 1940.
columnaris Bentham var. *glabra* (A. de Candolle) L.B. Smith & B.G. Schubert, 1941.
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urticae Linnaeus f. var. *hispida* A. de Candolle ex Standley, Field Mus. Nat. Hist., Bot. Ser., 18:747, 1937, sphalmate pro *Casparya urticae* var. *hispida* A. de Candolle, 1864, pro syn. *torresii* Standley, 1927. —L.B. Smith & B.G. Schubert, Caldasia, 4:34, 1946.
= **urticae** Linnaeus f., 1781.

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= **urticae** Linnaeus f., 1781.

urticifolia J.E. Smith, Pl. Icon., :pl. 45, 1790. "*urticaefolia*." —F. Dietrich, Vollst. Lex. Gartn., 2:177, 1802. —L.B. Smith & B.G. Schubert, Caldasia, 4:33, 1946. Fig 18.7, icon.
= **urticae** Linnaeus f., 1781.

urticifolia hort. Berol. ex Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :127, 1854, "*urticaefolia*," pro syn. *Pilderia urticaefolia* Klotzsch, 1855. —L.B. Smith & B.G. Schubert, Caldasia, 4:100, 1946.
= **buddleiifolia** A. de Candolle, 1859.

urticifolia (Klotzsch) Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):144, pl. 47K, 1894. —L.B. Smith & B.G. Schubert, Caldasia, 4:100, 1946.
= **buddleiifolia** A. de Candolle, 1859.

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= **plebeja** Liebmann, 1853.

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= **tomentosa** Schott var. **tomentosa,** 1827.

valdensium A. de Candolle var. **valdensium,** Ann. Sci. Nat. Bot., IV, 11:138, 1859. [***Pritzelia***]. Brazil. Fig. 32.24.

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valerioi Standley, J. Wash. Acad. Sci., 17:313, 1927. "*valerii.*" [***Weilbachia*** **?**]. Costa Rica. Fig. 32.6.—K. Burt–Utley, Tulane Studies Zool. Bot., 25(1)42, 1985 **R**
= **corredorana** C. de Candolle, 1925.

valida Goebel, Flora, 108:347, pl.1, 1915. [***Pritzelia***]. Brazil. Fig. 32.4.

validissima hort. E.C., Garden, 32:343, 1887. Descriptione inchoata. [*?*].

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vanderwateri Ridley, Trans. Linn. Soc. London, Bot., II, 9:58, 1916. [***Petermannia***]. New Guinea. Fig. 21.27.

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= **curtii** L.B. Smith & B.G. Schubert, 1955.

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= **fischeri** Schrank var. **fischeri**, 1820.

velloziana Walpers, Repert. Bot. Syst., 2:216, 1843. [***Trachelocarpus***]. Brazil. Fig. 13.4, icon.
repens Vellozo, 1831, non Lamarck, 1785.

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velutina hort. Belg. ex Lemaire, Jard. Fleur., 1, Misc., :14, 1851, pro syn. **galeottiana** Lemaire, 1851.

velutina hort. Berol. ex Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :160, 1855; Begoniac., :40, 1855, pro syn. *Knesebeckia balmisiana* Klotzsch, 1855; non hort. Vindob ex Klotzsch, 1855. —C. Karegeannes, Begonian, 50:12, 1983.
= **balmisiana** Balmis var. **balmisiana**, 1794.

velutina hort. Vindob. ex Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :174, 1855; Begoniac., :54, 1855, pro syn. *Ewaldia lobulata* (Schott)Klotzsch, 1855, non hort. Berol. ex Klotzsch, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):375, 1861. [= *lobata* Schott 1827]. —Doorenbos, Sosef & de Wilde, Wageningen Agric. Univ. .Papers, 98(2):243, 1998.
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= **parvuliflora** A. de Candolle var. **parvuliflora**, 1859.

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= **princeae** Gilg, 1901.

vernicosa hort. Berol. ex Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :174, 1855; Begoniac., :54, 1855, pro syn. *Ewaldia ferruginea* Klotzsch, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):375, 1861. [= *lobata* Schott 1827]. —Doorenbos, Sosef & de Wilde, Wageningen Agric. Univ. .Papers, 98(2):243, 1998.
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verticillata Vellozo, Fl. Flum., icon., 10:pl. 45, "1827," 1831; descr., Arch. Mus. Nat. Rio de Janeiro, 5:405. 1881. —Steudel, Nom. Bot., ed. 2, 1:194, 1840.
= **digitata** Raddi var. **digitata**, 1820.

verticillata W.J. Hooker, Icon. Pl., 9:pl. 811, 1851, non Vellozo, 1831. —A. de Candolle, Prodr., 15(1):353, 1864. —J. Golding & C. Karegeannes, Phytologia, 54:499, 1984.
= **adenopoda** Lemaire, 1852.

vestita C. de Candolle, Bull. Herb. Boissier, II, 8:315, 1908. [***Gireoudia***]. Central America: Costa Rica, Panama. Fig. 22.29.

vicina Irmscher, Bot. Jahrb. Syst., 76:55, 1953. [***Pritzelia***]. Brazil. Fig. 32.13.

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Collect., 69(12):5, 1919. —L.B. Smith, Phytologia, 27:212, 1973 [= **stigmosa** Lindley, 1845 sphalmate]. —K. Burt-Utley, Brittonia, 36:234, 1984. **R**
= **urophylla** W.J. Hooker, 1855.

villosa Lindley, Edwards's Bot. Reg., 15:pl. 1252, 1829. —Otto & Dietrich, Allg. Gartenzeitung, 4:349, 1836.
= **hirtella** Link var. **hirtella**, 1822.

villosa Gardner, London J. Bot., 1:186, 1842, non Lindley, 1829. —A. de Candolle in Martius, Fl. Bras., 4(1):346, 1861 [= *macroptera* Klotzsch, 1855]. —Irmscher, Bot. Jahrb. Syst., 76:24, 1953. —Brade, Rodriguesia, 32:155, 1952. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,471, 1984.
= **fischeri** Schrank var. **macroptera** (Klotzsch) Irmscher, 1953.

villosa Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :122, 1854, non Lindley, 1829, nomen nudum.

villosa Lindley var. *nana* Klotzsch ex A. de Candolle in Martius, Fl. Bras., 4(1):345, 1861, pro syn. **hirtella** Link var. **nana** A. de Candolle, 1861.

vincentina O.E. Schulz var. **vincentina**, in Urban, Symb. Antil., 7:14, 1911. [***Begonia***]. West Indies: St. Vincent. Fig. 26.20.

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viridiflora A. de Candolle var. **parviflora** L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:202, 1941 Peru.

viscida R. Ziesenhenne, Begonian, 36:83, pl, 1969. [***Knesebeckia***]. Mexico. Fig. 31.3.

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= **reniformis** Dryander, 1791.

vitifolia auct. non Schott: Lindley, Edwards's Bot. Reg., 28, Misc., :21, 1842. —Walpers, Repert. Bot. Syst., 2:209, 1843.
= **lindleyana** Walpers, 1843.

vitifolia hort. Berol. ex Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :238, 1855; Begoniac., :118, 1855, pro syn. *Wageneria longipes* Klotzsch, 1855. —A. de Candolle, Prodr., 15(1):365, 1864 [= *longipes* W.J. Hooker, 1830]. —Irmscher, Webbia, 12:506, 1957.
= **reniformis** Dryander, 1791.

vitifolia Schott var. *bahiensis* A. de Candolle in Martius, Fl. Bras., 4(1):369, 1861. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:471, 1984.
= **reniformis** Dryander, 1791.

vitifolia Schott var. *grandis* A. de Candolle in Martius, Fl. Bras., 4(1):369, 1861. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:471, 1984.
= **reniformis** Dryander, 1791.

vittariifolia N. Hallé, Adansonia, II, 12:367, pl. 5, 1972. —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):278, fig. 17.18, pl. 4b,c,d, 1994. [***Scutobegonia***]. Gabon. Fig. 14.8. **R**

vuijckii Koorders, Exkurs.-Fl. Java, 2:647, 1912. Indonesia: Java. [***Reichenheimia I***]. Fig.S47, (9;35-1a). **R**
glabra Vuijck ex Koorders, 1912, non Aublet 1775.

wadei Merrill & Quisumbing, Addisonia, 17:57, pl. 573, 1932. [***Diploclinium II***]. Philippines. Fig. 12.19, icon.

wageneriana W.J. Hooker, Bot. Mag., 83:pl. 4988, 1857, non W.J. Hooker, Bot. Mag., 84:

pl. 5047, 1858. —A. de Candolle, Prodr., 15(1):289, 1864. [*Cyathocnemis ?*]. Venezuela.. Fig. S4, icon (3;59-2). **R**
Moschkowitz wageneriana (W.J. Hooker) Klotzsch, 1855.

wageneriana W.J. Hooker, Bot. Mag., 84:pl. 5047, 1858, non W.J. Hooker, Bot. Mag., 83: pl. 4988, 1857. —Grisebach, Fl. Brit. W.I., :304, 1860, [= *dominicalis* auct. non A. de Candolle ex Grisebach: Grisebach, quoad pl. guad, non A. de Candolle, 1859]. —O.E. Schulz in Urban, Symb. Antil., 7:19, 1911. **R**
= **odorata** Willdenow, 1813.

wageneria A. de Candolle, Prodr., 15(1):366, 1864, sphalmate pro wageneriana W.J. Hooker, 1858.

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wakefieldii Gilg ex Engler f. **dentatiloba** Irmscher, Bot. Jahrb. Syst., 81:128, 1961. Tanganyika.

wallichiana Steudel, Nom. Bot., ed 2, 1:194, 1840, nomen nudum. —J. Doorenbos, Begonian, 42:213, 1975 [= *parviflora* F. Hamilton ex Wallich, 1831]. —H. Hara, J. Jap. Bot., 47:112, 1972.
= **minicarpa** H. Hara, 1972.

wallichiana Lehmann, Neue Allg. Deutsche Garden–Blumenzeitung, 6:455, 1850, non Steudel, 1840. —J. Doorenbos, Begonian, 42:213, 1975. [*Doratometra*]. Mexico. (Fig. 28.22). **R**
parviflora Liebmann 1847, non Poeppig & Endlicher, 1835.
franconis Liebmann, 1853. Fig. 28.22, non typus.
modesta Liebmann, 1853.
Diploclinium wallichianum Miquel, 1856.

walpersii Heynhold, Nom. Bot., 2:63, 1846. —L.B. Smith & B.G. Schubert, Caldasia, 4:184, 1946.
= **guaduensis** Kunth in Humboldt, Bonpland & Kunth, 1825.

walteriana Irmscher, Beitr. Phytol., 30:14, 1964. [*Petermannia*]. Borneo, (Labuan). Fig. 28.50.

wangii Te-Tsun Yü, Bull. Fam. Mem. Inst. Biol., n.s., 1:126, 1948. [*Reichenheimia III*]. China. Sine figura; (2;40-2). **R**

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= **pleiopetala** A. de Candolle, 1859.

warburgii Schumann & Lauterbach, Fl. Deutsch. Schutzgeb. Südsee, :459, 1901. [*Petermannia ?*]. New Guinea. Fig. 6.6.

warburgii Gilg, Bot. Jahrb. Syst., 34:94, 1904. non Schumann & Lauterbach, 1901. —Keay in Hutchinson & Dalziel, Fl. W. Trop. Afr., ed. 2, 1:220, 1954, [= **eminii** Warburg, 1895, pro syn., sphalmate] —J.J. de Wilde, Wageningen Univ. Papers, 2001-2:78, 196, 2002. nomen rejicienda **R**

wariana Irmscher, Bot. Jahrb. Syst., 50:352, 1913; Bot. Jahrb. Syst., 50:569, pl. 3:fig. 13, 1914. [*Petermannia*]. New Guinea. Fig. 21.38, icon.

warpurii Hemsley in J.D. Hooker, Ic. Pl., IV, 27:pl. 2656, 1901. "*warpuri.*" Fig. 13.16. —M. Keraudren–Aymonin, Fl. Madagascar, 144:57, 1983. **R**
= **nana** l'Héritier, 1788.

warscewitzii Neumann, Rev. Hortic. III: 166, 1847. [non = **conchifolia** fide Index Kewensis. [*?*]. Sine figura. **R**

washingtoniana hort. ex C. Chevalier, Les. Begonias, :350, 1938, pro syn. **platanifolia** Schott, 1827.

wattii C.B. Clarke, J. Linn. Soc., Bot., 25:26, pl. 11, 1890. [*Parvibegonia*]. India: Himalaya. Fig. 28.28, icon.

weberbaueri Irmscher, Bot. Jahrb. Syst., 76:78, pl. 5, 1953. [*Eupetalum*]. Peru. Fig. 5.20.
lichenoides L.B. Smith & B.G. Schubert, 1963.

weberi Merrill, Philipp. J. Sci., 6:381, "1911,"

1912. [***Petermannia***]. Philippines. Fig. 21.39.

weberlingii Irmscher, Beitr. Biol. Pflanzen., 39:438, pl. 1, 1963. [***Knesebeckia***]. El Salvador. Fig. 28.42.

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weddelliana auct. non A. de Candolle: Britton, Bull. Torrey Bot. Club, 17:284, pls.6–7, 1890. —L.B. Smith & B.G. Schubert, Revista Univ. (Cuzco), 33(87):76, 1944.
= **davisii** J.D. Hooker, 1876.

weigallii Hemsley, Bull. Misc. Inform., :17, 1896. [***Petermannia***]. Solomon Islands. Fig. 20.29.

wellmanii Gilg ex Engler, Veg. Erde, 9(3.2):615, 1921, "*wellmannii*." —Irmscher, Bot. Jahrb. Syst., 81:120, 1961 [= *princeae* Gilg var. *princeae* f. *vulgata* Irmscher, 1961].
= **princeae** Gilg, 1901.

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leytensis Merrill, 1914, non Elmer, 1910.

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= **albo–coccinea** W.J. Hooker, 1845.

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lebrunii Robyns & Lawalrée, 1947.
abyssinica Cufodontis, 1960. Fig. 27.28.
meyeri–johannis auct. non Engler, pro parte: Robyns, 1947.

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williamsii Rusby & Nash, 1906, non x *williamsii* B.S. Williams, 1882.
acrensis Irmscher, 1949.

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lindeniana auct. non A. de Candolle: Sauvalle, 1869.

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Platycentrum xanthinum (W.J. Hooker) Klotzsch, 1855.
lazuli Linden,1858, nomen nudum.
picta hort. Jackson ex W.J. Hooker, 1859, non J.E. Smith, 1805.
xanthina W.J. Hooker var. *lazuli* W.J. Hooker, 1859.
xanthina W.J. Hooker var. *pictifolia* W.J. Hooker, 1859.

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xerophyta L.B. Smith & D.C. Wasshausen, Phytologia, 44:245, pl. 7, 1979. [***Eupetalum ?***]. Ecuador. Fig. 23.15, icon.

xilitlensis K. Burt–Utley, Brittonia, 36:232, pl.1, 1984. [***Gireoudia***]. Mexico. Fig. S185, icon (25;60-2a). **R**

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polygonoides Ridley, 1906, non J.D. Hooker, 1871.

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ynesiae L.B. Smith & D.C. Wasshausen, Phytologia, 44:239, pl. 1, 1979. [***Gobenia***]. Ecuador. Fig. 3.28.

yui Irmscher, Notes Roy. Bot. Gard. Edinburgh, 21:36, 1951. "*yuii.*" [***Diploclinium II***]. China: Yunnan. Sine figura, (12;54-1), (31;45-2). **R**

yunkeri Standley, Field Mus. Nat. Hist., Bot. Ser.,

17:378, 1938. [?]. Honduras. Fig. 25.4.

yunnanensis Léveillé var. **yunnanensis,** Repert. Nov. Sp., 7:20, 1909. [***Diploclinium II***]. China: Yunnan. Fig. 12.4, icon.
yunnanensis Léveillé var. *hypoleuca* Léveillé, 1916, nomen nudum.

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quadrialata auct. non Warburg: Wilczek, 1969.
clypeifolia auct. non J.D. Hooker: Wilczek, 1969.

zairensis M. Sosef var. **montana** M. Sosef, Wageningen Agric. Univ. Papers, 91(4): 148, "1991," 1992; Wageningen Agric. Univ. Papers, 94(1):285, 1994. Zaire. **N**
scutulum auct. non J.D. Hooker: Wilczek, 1969.

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zenkeriana L.B. Smith & D.C. Wasshausen, Phytologia, 56:16, 1984, "*zenkerana*". —M. Sosef, Wageningen Agric. Univ. Papers, 94(1):286, fig. 17.21, 1994. [***Scutobegonia***]. Cameroon. Fig. 14.38. **R**
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= **tenera** Dryander var. **thwaitesii** A.H.M. Jayasuriya 1983.

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= **kisuluana** Büttner, 1890.

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Platycentrum zollingeranum Klotzsch, 1855.

Hillebrandia

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Symbegonia

Symbegonia arfakensis L.S. Gibbs, Fl. Arfak Mts., :149, 1917. New Guinea. Fig. 17.8.

Symbegonia beccarii Irmscher, Webbia, 9:507, 1953. New Guinea. Fig. 14.50.

Symbegonia bracteosa Warburg in Schumann & Lauterbach, Fl. Deutsch. Schutzgeb. Südsee, :323, 1905. New Guinea. Fig. 19.22.

Symbegonia fulvo–villosa Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):149, pl. 52, 1894.
New Guinea. Fig. 18.32.
Begonia fulvo–villosa Warburg, 1891.

Symbegonia geraniifolia Ridley, Trans. Linn. Soc. London, Bot., II, 9:61, 1916. New Guinea. Fig. 6.10.

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Symbegonia papuana Merrill & Perry, J. Arnold Arbor., 24:59, pl. 7f–j, 1943. New Guinea. Fig. 27.32.

Symbegonia parvifolia L.S. Gibbs, Fl. Arfak Mts., :150, 1917. New Guinea. Fig. 21.7.

Symbegonia pulchra Ridley, Trans. Linn. Soc. London, Bot., II, 9:62, 1916. New Guinea. Fig. 27.30.

Symbegonia sanguinea Warburg in Schumann & Lauterbach, Fl. Deutsch. Schutzgeb. Südsee, :323, 1905. New Guinea. Fig. 18.30.

Symbegonia strigosa Warburg in Schumann & Lauterbach, Fl. Deutsch. Schutzgeb. Südsee, :324, 1905. New Guinea. Fig. 18.31.

REJECTED GENERA

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Augustia natalensis (W.J. Hooker) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :201, 1855; Begoniac., :81, 1855. —A. de Candolle, Prodr., 15(1):385, 1864 [= *Begonia natalensis* W.J. Hooker, 1855]. —Hilliard in Ross, Fl. South Afr., 22:142, 1976.
= **Begonia dregei** Otto & Dietrich var. **dregei**, 1836.

Augustia suffruticosa (Meisner) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :124, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :202 1855; Begoniac., :82, 1855. —A. de Candolle, Prodr., 15(1):385, 1864 [= *Begonia suffruticosa* Meisner, 1840]. —Hilliard in Ross, Fl. South Afr., 22:142, 1976.
= **Begonia dregei** Otto & Dietrich var. **dregei**, 1836.

Barya monadelpha Ruiz ex Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :122, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :143, pl. 2B, 1855; Begoniac., :23, pl. 2B, 1855. —A. de Candolle, Prodr., 15(1):286,

1864.
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Begoniella kalbreyeri Oliver in J.D. Hooker, Ic. Pl., 14:38, pl. 1352, 1881. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A);150, pl. 53, 1894. —L.B. Smith & B.G. Schubert, Caldasia, 4:208, pl. 18, 1946; J. Wash. Acad. Sci., 45:113, 1955.
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Casparya brevipetala A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:118, 1859. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894.
= **Begonia brevipetala** (A. de Candolle) Warburg var. **brevipetala**, 1894.

Casparya coccinea Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :127, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :248, 1855; Begoniac., :128, 1855. —A. de Candolle, Prodr., 15(1):274, 1864 [= *Casparya columnaris* (Bentham) A. de Candolle var. *glabra* A. de Candolle, 1864]. —L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:187, 1941 [= *Begonia columnaris* Bentham var. *glabra,* L.B. Smith & B.G. Schubert, 1941]; Caldasia, 4:33, 1946.
= **Begonia urticae** Linnaeus f., 1781.

Casparya columnaris Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :127, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :247, 1855; Begoniac., 127, 1855. —A. de Candolle, Prodr., 15(1):274, 1864. —L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:192, 1941. **R**
= **Begonia hirta** L.B. Smith & B.G. Schubert var. **cordifolia** (A. de Candolle) L.B. Smith & B.G. Schubert, 1941.

Casparya columnaris (Bentham) A. de Candolle, Prodr., 15(1):274, 1864. —L.B. Smith & B.G. Schubert, Caldasia, 4:33, 1946.
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Casparya columnaris (Bentham) A. de Candolle var. *glabra* A. de Candolle, Prodr., 15(1):274, 1864. —L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:187, 1941 [= *Begonia columnaris* Bentham var. *glabra,* L.B. Smith & B.G. Schubert, 1941]; Caldasia, 4:34, 1946.
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Casparya crassicaulis A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:119, 1859. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):149, 1894 [= *Begonia crassicaulis* (A. de Candolle) Warburg, 1894, non Lindley, 1842]. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:442, 1983.
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Casparya elegans (Kunth in Humboldt, Bonpland & Kunth) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :127, 1854. —L.B. Smith & B.G. Schubert, Caldasia, 4:192, pl. 17, 1946. [= **Begonia foliosa** Kunth in Humboldt, Bonpland & Kunth var. **australis** L.B. Smith & B.G. Schubert, 1946]. — L. Dorr, Harvard Papers in Botany 4(1):259, 1999.
= **Begonia foliosa** Kunth in Humboldt, Bonpland & Kunth var **foliosa**, 1825.

Casparya erosa (Blume) A. de Candolle, Prodr., 15(1):276, 1864. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894.
= **Begonia erosa** Blume, 1827.

Casparya ferruginea (Linnaeus f) A. de Candolle, Prodr., 15(1):269, 1864. —C. de Candolle, Bull. Herb. Boissier, II, 8:319, 1908.
= **Begonia ferruginea** Linnaeus f. var. **ferruginea**, 1781.

Casparya ferruginea (Linnaeus f) A. de Candolle var. *holtonis* A. de Candolle, Prodr., 15(1):269, 1864. —L.B. Smith & B.G. Schubert, Caldasia, 4:20, 1946.
= **Begonia ferruginea** Linnaeus f. var. **ferruginea**, 1781.

Casparya fuchsiiflora A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:116, 1859. "*fuchsiaeflora.*" —A. Baranov & F.A. Barkley, Phytologia, 26:220, 1973.
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Casparya grewiifolia A. de Candolle var. *pavoniana* A. de Candolle, Prodr., 15(1):272, 1864, "*grewiaefolia.*" —L.B. Smith & D.C. Wasshausen, Phytologia, 44:242, 1979.
= **Begonia longirostris** Bentham, 1845.

Casparya hirta Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :127, 1854, nomen nudum ;Abh. Königl. Akad. Wiss. Berlin 1854, :247, pl.11C, 1855; Begoniac., :127, pl.11C, 1855. —A. de Candolle, Prodr., 15(1):273, 1864 [= *Casparya cordifolia* A. de Candolle var. *hirta* A. de Candolle, 1864]. —L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:192, 1941.
= **Begonia hirta** (Klotzsch) L.B. Smith & B.G. Schubert, var. **hirta**. 1941.

Casparya longirostris (Bentham) A. de Candolle, Prodr., 15(1):272, 1864. —L.B. Smith & D.C. Wasshausen, Phytologia, 44:242, 1979.
= **Begonia longirostris** Bentham, 1845.

Casparya montana A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:118, 1859. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894.
= **Begonia montana** (A. de Candolle) Warburg, 1894.

Casparya multangula (Blume) A. de Candolle, Prodr., 15(1):275, 1864. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894.
= **Begonia multangula** Blume var. **multangula,** 1827.

Casparya multangula (Blume) A. de Candolle var. *glabrata* A. de Candolle, Prodr., 15(1):276, 1864. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894.
= **Begonia multangula** Blume var. **glabrata** Miquel, 1857.

Casparya oligocarpa A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:118, 1859. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:635, 1879.
= **Begonia roxburghii** A. de Candolle, 1864.

Casparya polycarpa A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:118, 1859. —Kurz, Flora, 54(19):295, 1871.
= **Begonia roxburghii** A. de Candolle, 1864.

Casparya robusta (Blume) A. de Candolle, Prodr., 15(1):275, 1864. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894.
= **Begonia robusta** Blume var. **robusta,** 1827.

Casparya robusta (Blume) A. de Candolle var. *glabriuscula* A. de Candolle, Prodr. 15(1):275, 1864. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894.
= **Begonia robusta** Blume var. **glabriuscula** (A. de Candolle) J. Doorenbos ex F.A. Barkley & J. Golding, 1974.

Casparya robusta (Hasskarl) A. de Candolle var. *rubra* A. de Candolle, Prodr., 15(1):275, 1864. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:471, 1984.
= **Begonia muricata** Blume, 1823.

Casparya silletensis A. de Candolle, Prodr., 15(1):277, 1864. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:636, 1879. M.C. Tebbitt & K.-Y. Guan, Novon, 12:133-6, 2002 **R**
= **Begonia silletensis** (A. de Candolle) C.B. Clarke 1879.

Casparya teysmanniana Miquel ex A. de Candolle, Prodr., 15(1):276, 1864. M.C. Tebbitt & J.H. Dickson, Brittonia, 52(1)116, 2000.
= **Begonia teysmanniana** (Miquel) Tebbitt, 2000.

Casparya trachyptera (Bentham) A. de Candolle, Prodr., 15(1):274, 1864. —L.B. Smith & B.G. Schubert, Caldasia, 4:34, 1946.
= **Begonia urticae** Linnaeus f., 1781.

Casparya trianae A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:117, 1859. "*trianaei.*" —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894.
= **Begonia trianae** (A. de Candolle) Warburg, 1894.

Casparya trisulcata A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:119, 1859. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):142, 1894.
= **Begonia trisulcata** (A. de Candolle) Warburg, 1894.

Casparya umbellata (Kunth in Humboldt, Bonpland & Kunth) A. de Candolle, Prodr., 15(1):270, 1864. —C. de Candolle, Bull. Herb. Boissier, II, 8:319, 1908.
= **Begonia umbellata** Kunth in Humboldt, Bonpland & Kunth, 1825.

Casparya urticae (Linnaeus f) A. de Candolle, Prodr., 15(1):274, 1864. —C. de Candolle, Bull. Herb. Boissier, II, 8:319, 1908.
= **Begonia urticae** Linnaeus f., 1781.

Casparya urticae (Linnaeus f) A. de Candolle var. *hispida* A. de Candolle, Prodr., 15(1):274, 1864. —Standley, Field Mus. Nat. Hist., Bot. Ser., 18:747, 1937 [= *Begonia torresii* Standley, 1927]. —L.B. Smith & B.G. Schubert, Caldasia, 4:34, 1946.
= **Begonia urticae** Linnaeus f., 1781.

Cyathocnemis obliqua (Ruiz) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :221, 1855; Begoniac., :101, 1855. —A. de Candolle, Prodr., 15(1):333, 1864.
= **Begonia cyathophora** Poeppig & Endlicher, 1835.

Diploclinium angustifolium (Blume) Miquel, Fl. Ned. Ind., 1,1:687, 1856. —A. de Candolle,

Prodr., 15(1):397, 1864 [= *Begonia angustifolia* Blume, 1827]. —Koorders, Exkurs.–Fl. Java, 2:651, 1912.
= **Begonia isoptera** Dryander ex J.E. Smith, 1790.

Diploclinium apterum (Blume) Miquel, Fl. Ned. Ind., 1,1:691, 1856. —A. de Candolle, Prodr., 15(1):397, 1864.
= **Begonia aptera** Blume 1827.

Diploclinium areolatum Miquel, Fl. Ned. Ind., 1,1:689, 1856. —A. de Candolle, Prodr., 15(1):397, 1864.
= **Begonia areolata** Miquel, 1857.

Diploclinium areolatum Miquel, Fl. Ned. Ind., 1,1:1091, 1858, quoad pl. Sumatra, non Miquel, 1856; Fl. Ned. Ind., Suppl. 1:332, 1861 [= *Platycentrum robustum* Miquel var. hirutior Miquel, 1861]. —J. Golding & C. Karegeannes, Phytologia, 54:499, 1984.
= **Begonia robusta** Blume var. **hirsutior** (Miquel) J. Golding & C. Karegeannes, 1984.

Diploclinium arnottianum Wight, Icon. Pl. Ind. Orient., 5(2):9, pl. 1815, 1852 —A. de Candolle, Prodr., 15(1):322, 1864. **R**
= **Begonia arnottiana** (Wight) A. de Candolle, 1864.

Diploclinium atrichum Miquel, Fl. Ned. Ind., 1,1:1091, 1858. —A. de Candolle, Prodr., 15(1):321, 1864.
= **Begonia atricha** (Miquel) A. de Candolle, 1864.

Diploclinium biloculare Wight, Icon. Pl. Ind. Orient., 5(2):9, pl. 1814, 1852. —A. de Candolle, Prodr., 15(1):354, 1864. **R**
= **Begonia sinuata** Wallich ex Meisner var. **sinuata,** 1836.

Diploclinium bombycinum (Blume) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :192, 1855; Begoniac., :72, 1855. —Miquel, Fl. Ned. Ind., 1,1:687, 1856. —A. de Candolle, Prodr., 15(1):321, 1864.
= **Begonia isoptera** Dryander ex J.E. Smith, 1790.

Diploclinium bracteatum (Jack) Miquel, Fl. Ned. Ind., 1,1:688, 1856, pro parte quoad pl. Jack, 1856. —A. de Candolle, Prodr., 15(1):316, 1864.
= **Begonia bracteata** Jack var. **bracteata,** 1822.

Diploclinium caespitosa Miquel, Fl. Ned. Ind., 1,1:685, 1856. —A. de Candolle, Prodr., 15(1):397, 1864.
= **Begonia caespitosa** Jack, 1822.

Diploclinium carnosum Teijsmann & Binnendijk, Tijdschr. Ned.–Indië, 25:420, 1863.
= **Begonia carnosa** Teijsmann & Binnendijk, 1863.

Diploclinium cordifolium Wight, Icon. Pl. Ind. Orient., 5(2):9, pl. 1816, 1852. —Thwaites, Enum. Pl. Zeyl., :129, 1859.
= **Begonia cordifolia** (Wight) Thwaites 1859. var. **cordifolia.**

Diploclinium cumingianum (Klotzsch) Miquel, Fl. Ned. Ind., 1,1:691, 1856. —A. de Candolle, Prodr., 15(1):320. 1864.
= **Begonia cumingiana** A. de Candolle, 1864.

Diploclinium evansianum (Andrews) Lindley, Veg. Kingd., :318, pl. 220, 1846. —A. de Candolle, Prodr., 15(1):313, 1864 [= *Begonia evansiana* Andrews, 1811]. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:492, 1939.
= **Begonia grandis** Dryander subsp. **evansiana** (Andrews) Irmscher, 1939.

Diploclinium fasciculatum (Jack) Miquel, Fl. Ned. Ind., 1,1:690, 1856. —A. de Candolle, Prodr., 15(1):322, 1864.
= **Begonia fasciculata** Jack, 1822.

Diploclinium hasskarlianum Miquel, Fl. Ned. Ind., 1,1:1091, 1858. —A. de Candolle, Prodr., 15(1):329, 1864.
= **Begonia hasskarliana** (Miquel) A. de Candolle, 1864.

Diploclinium holosericeum Teijsmann & Binnendijk, Tijdschr. Ned.–Indië, 25:421, 1863.
= **Begonia holosericea** Teijsmann & Binnendijk, 1863.

Diploclinium horsfieldii Miquel, Fl. Ned. Ind.,

1,1:691, 1856. —A. de Candolle, Prodr., 15(1):397, 1864.
= **Begonia horsfieldii** Miquel ex A. de Candolle, 1864.

Diploclinium lepidotum Miquel, Fl. Ned. Ind., 1,1:1104, 1858, sphalmate pro *Diploclinium lepidum* (Blume) Miquel, 1856.

Diploclinium lepidum (Blume) Miquel, Fl. Ned. Ind., 1,1:686, 1856. —A. de Candolle, Prodr., 15(1):317, 1864. **R**
= **Begonia lepida** Blume, 1827.

Diploclinium lindleyanum Wight, Icon. Pl. Ind. Orient., 5(2):9, pl. 1817, 1852. —A. de Candolle, Prodr., 15(1):329, 1864. [= *Begonia fallax* A. de Candolle, 1864],. —J. Doorenbos, Begonian. 67:170, 2000. . **R**
= **malabarica** Lamarck var. **malabarica,** 1785, non A. de Candolle, 1864.

Diploclinium longifolium (Blume) Miquel, Fl. Ned. Ind., 1,1:687, 1856. —A. de Candolle, Prodr., 15(1):398, 1864.
= **Begonia longifolia** Blume, 1823.

Diploclinium longifolium Miquel var. *luxurians* Miquel ex Koorders, Exkurs.–Fl. Java, 2:650, 1912, pro syn. **Begonia longifolia** Blume, 1823.

Diploclinium orbiculatum (Jack) Miquel, Fl. Ned. Ind., 1,1:686, 1856. —A. de Candolle, Prodr., 15(1):398, 1864.
= **Begonia orbiculata** Jack, 1822.

Diploclinium pilosum (Jack) Miquel, Fl. Ned. Ind., 1,1:688, 1856. —A. de Candolle, Prodr., 15(1):398, 1864.
= **Begonia pilosa** Jack, 1822.

Diploclinium racemosum (Jack) Miquel, Fl. Ned. Ind., 1,1:691, 1856. —A. de Candolle, Prodr., 15(1):322, 1864.
= **Begonia racemosa** Jack, 1822.

Diploclinium repandum (Blume) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :192, 1855; Begoniac., :72, 1855. —A. de Candolle, Prodr., 15(1):321, 1864.
= **Begonia isoptera** Dryander ex J.E. Smith, 1790.

Diploclinium repens (Blume) Miquel, Fl. Ned. Ind., 1,1:686, 1856; Fl. Ned. Ind., Suppl. 1:333, 1861 [= *Mitscherlichia repens*, 1861]. —A. de Candolle, Prodr., 15(1):391, 1864.
= **Begonia mollis** A. de Candolle, 1864.

Diploclinium roxburghii Miquel, Fl. Ned. Ind., 1,1:692, 1856. —A. de Candolle, Prodr., 15(1):399, 1864.
= **Begonia roxburghii** A. de Candolle, 1864.

Diploclinium rubrum (Blume) Miquel, Fl. Ned. Ind., 1,1:689, 1856. —Hasskarl, Neu Schuss. Rumph., :146, 1866. —Merrill, Interp. Herb. Amboin., :379, 1917.
= **Begonia muricata** Blume, 1823.

Diploclinium saxatile (Blume) Miquel, Fl. Ned. Ind., 1,1:686, 1856. —A. de Candolle, Prodr., 15(1):351, 1864 [= *Begonia saxatilis* Blume, 1827]. —Backer & Van den Brink, Fl. Java, 1:309, 1964.
= **Begonia muricata** Blume, 1823.

Diploclinium sublobatum (Jack) Miquel, Fl. Ned. Ind., 1,1:690, 1856. —A. de Candolle, Prodr., 15(1):355, 1864.
= **Begonia sublobata** Jack, 1822.

Diploclinium timorense Miquel, Fl. Ned. Ind., 1,1:692, 1856. —A. de Candolle, Prodr., 15(1):407, 1864 [= *Mezierea salaziensis* Gaudichaud, 1841]. —J. Golding & C. Karegeannes, Phytologia, 54:493, 1984.
= **Begonia timorensis** (Miquel) J. Golding & C. Karegeannes, 1984.

Diploclinium tuberosum Miquel, Fl. Ned. Ind., 1,1:685, 1856. —A. de Candolle, Prodr., 15(1):323, 1864 [= *Begonia tuberosa* Lamarck, 1785]. —Merrill, Interp. Herb. Amboin., :379, 1917. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:446, 1983.
= **Begonia muricata** Blume, 1823.

Diploclinium wallichianum Miquel, Fl. Ned. Ind., 1,1:690, 1856. —A. de Candolle, Prodr., 15(1):383, 1864. —J. Doorenbos, Begonian, 42:214, 1975.
= **Begonia wallichiana** Lehmann, 1850, non

Steudel, 1840.

Donaldia ottonis (Walpers) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :127, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :199, 1855; Begoniac., :79, 1855. —A. de Candolle, Prodr., 15(1):292, 1864 [= *Begonia ottonis* Walpers, 1843]. —L.B. Smith & B.G. Schubert, Caldasia, 4:184, 1946.
= **Begonia guaduensis** Kunth in Humboldt, Bonpland & Kunth, 1825.

Donaldia ulmifolia (Willdenow) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :127, 1854; Gartenfl., 3:215, pl. 93, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :198, pl. 7B, 1855; Begoniac., :78, pl. 7B, 1855. —A. de Candolle, Prodr., 15(1):290, 1864.
= **Begonia ulmifolia** Willdenow, 1805.

Doratometra bowringiana Seemann, Bot. Voy. Herald, :379, 1857. —A. de Candolle, Prodr., 15(1):348, 1864 [= *Begonia laciniata* Roxburgh var. *bowringiana* A. de Candolle, 1864]. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:533, 1939 [= *Begonia laciniata* Roxburgh subsp. *bowringiana* Irmscher, 1939]. J. Golding & C. Karegeannes, Phytologia, 54,494, 1984.
= **Begonia palmata** D. Don var. **bowringiana** (Champion ex Bentham) J. Golding & C. Karegeannes, 1984.

Doratometra wallichiana (Steudel) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :184, pl. 5B, 1855; Begoniac., :64, pl. 5B, 1855. —J. Doorenbos, Begonian, 42:213, 1975 [= *Begonia parviflora* F. Hamilton ex Wallich, 1831]. —H. Hara, J. Jap. Bot., 47:112, 1972. **R**
= **Begonia minicarpa** H. Hara, 1972.

Eupetalum gaudichaudii Klotzsch, Monatsber, Königel. Preuss. Akad. Berlin, :121, 1854, nomen nudum. Peru.

Eupetalum geraniifolium (W.J. Hooker) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :121, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :141, 1855; Begoniac., :21, 1855. —A. de Candolle, Prodr., 15(1):281, 1864.
= **Begonia geraniifolia** W.J. Hooker, 1835.

Eupetalum kunthianum Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, 127, 1854, nomen nudum. ;Abh. Königl. Akad. Wiss. Berlin 1854, :141, pl. 1B, 1855; Begoniac., :21, pl. 1B, 1855. —A. de Candolle, Prodr., 15(1):281, 1864 [= *Begonia gaudichaudii* Walpers, 1846]. —L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:189, 1941.
= **Begonia geraniifolia** W.J. Hooker, 1835.

Eupetalum lindleyanum Gaudichaud, Bot. Voy. Bonite, :pl. 50, 1842. —Walpers, Repert. Bot. Syst., 5:769, 1846 [= *Begonia gaudichaudii* Walpers, 1846]; Ann. Bot. Syst., 4:875, 1858 [= *Eupetalum petalodes* Lindley, 1836]. —L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:189, 1941
= **Begonia geraniifolia** W.J. Hooker, 1835.

Eupetalum lindleyanum herb. Kunth ex Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :141, 1855; Begoniac., :21, 1855, pro syn. *Eupetalum kunthianum* Klotzsch, 1855]. —A. de Candolle, Prodr., 15(1):281, 1864 [= *Begonia gaudichaudii* Walpers, 1846]. —L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:189, 1941
= **Begonia geraniifolia** W.J. Hooker, 1835.

Eupetalum petalodes Lindley, Nat. Syst. Bot., ed. 2, :440, 1836. —L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:189, 1941
= **Begonia geraniifolia** W.J. Hooker, 1835.

Eupetalum tuberosum herb. Ruiz ex Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, 127, 1854, nomen nudum. ;Abh. Königl. Akad. Wiss. Berlin 1854, :142, 1855; Begoniac., : 22, 1855. —A. de Candolle, Prodr., 15(1):281, 1864.
= **Begonia geraniifolia** W.J. Hooker, 1835.

Ewaldia ferruginea Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, 126, 1854, nomen nudum ;Abh. Königl. Akad. Wiss. Berlin 1854, :173, 1855; Begoniac., :53, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):375,

1861.[= *Begonia lobata* Schott 1827]. —Doorenbos, Sosef & de Wilde, Wageningen Agric. Univ. .Papers, 98(2):243, 1998.
= **Begonia rufa** Thunberg, 1821.

Ewaldia lobulata (Schott) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :123, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :174, pl. 3C, 1855; Begoniac., :54, pl. 3C, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):375, 1861.[= ***Begonia lobata*** Schott 1827]. —Doorenbos, Sosef & de Wilde, Wageningen Agric. Univ. .Papers, 98(2):243, 1998.
= **Begonia rufa** Thunberg, 1821.

Falkea tenera Koenig ex Dryander, Trans. Linn. Soc., 1:169, 1791, pro syn. **Begonia tenera** Dryander var. tenera, 1791. **N**

Gaerdtia argentea Van Houtte ex Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :123, 1854. —Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :170, 1855; Begoniac., :50, 1855.
= **Begonia maculata** Raddi var. **argentea** (Van Houtte) A. de Candolle, 1861.

Gaerdtia kunthiana (Walpers) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :123, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :171, 1855; Begoniac., :51, 1855. —A. de Candolle, Prodr., 15(1):319, 1864.
= **Begonia kunthiana** Walpers, 1852.

Gaerdtia maculata (Raddi) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :123, 1854. —Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :169, pl. 3A, 1855; Begoniac., :49, pl. 3A, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):352, 1861.
= **Begonia maculata** Raddi var. **maculata**, 1820.

Gaerdtia stenobotrys Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :123, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :171, 1855; Begoniac., :71, 1855 [= *Gaerdtia undulata* (Schott) Klotzsch, 1855]. —A. de Candolle in Martius, Fl. Bras., 4(1):355, 1861.
= **Begonia undulata** Schott 1827.

Gaerdtia undulata (Schott) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :123, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :170, 1855; Begoniac., :50, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):355, 1861.
= **Begonia undulata** Schott 1827.

Gireoudia asarifolia (Liebmann) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :125, 1854. —A. de Candolle, Prodr., 15(1):394, 1864.
= **Begonia hydrocotylifolia** Otto ex W.J. Hooker var. **asarifolia** (Liebmann) A. de Candolle, 1864.

Gireoudia barkeri (Knowles & Wescott) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :125, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :216, 1855; Begoniac., :96, 1855. —A. de Candolle, Prodr., 15(1):394, 1864.
= **Begonia barkeri** Knowles & Wescott, 1840.

Gireoudia cardiocarpa (Liebmann) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :125, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :209, 1855; Begoniac., :89, 1855. —A. de Candolle, Prodr., 15(1):337, 1864.
= **Begonia cardiocarpa** Liebmann, 1853.

Gireoudia carolineifolia (Regel) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :125, 1854, "*caroliniaefolia.*" ; Abh. Königl. Akad. Wiss. Berlin 1854 :211, 1855; Begoniac., :91, 1855. —A. de Candolle, Prodr., 15(1):335, 1864.
= **Begonia caroliniefolia** Regel, 1852.

Gireoudia carpinifolia (Liebmann) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :125, 1854.
= **Begonia carpinifolia** Liebmann 1853.

Gireoudia conchifolia (Dietrich) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :125, 1854. "*conchaefolia.*" ; Abh. Königl. Akad. Wiss. Berlin 1854, :217, 1855; Begoniac., :97, 1855. —A. de Candolle, Prodr., 15(1):337, 1864.
= **Begonia conchifolia** Dietrich var. **conchifolia**, 1851.

Gireoudia conchifolia (Dietrich) Klotzsch var. *warscewicziana* Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :217, 1855; Begoniac., :97, 1855. "*conchaefolia* var. *warscewicziana*." —A. de Candolle, Prodr., 15(1):337, 1864.
= **Begonia conchifolia** Dietrich var. **conchifolia,** 1851.

Gireoudia conchifolia (Dietrich) Klotzsch var. *scutellata* (Liebmann) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :217, 1855; Begoniac., :97, 1855. "*conchaefolia* var. *scutellata*." —A. de Candolle, Prodr., 15(1):338, 1864.
= **Begonia conchifolia** Dietrich var. **conchifolia,** 1851.

Gireoudia crassicaulis (Lindley) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :125, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :207, 1855; Begoniac., :87, 1855. —A. de Candolle, Prodr., 15(1):335, 1864.
= **Begonia crassicaulis** Lindley, 1842.

Gireoudia fibrillosa Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :125, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :206, 1855; Begoniac., :86, 1855. —A. de Candolle, Prodr., 15(1):337, 1864 [= *Begonia pilifera* A. de Candolle, 1864]. —K. Burt–Utley, Phytologia, 54:487, 1984.
= **Begonia sericoneura** Liebmann, 1853.

Gireoudia fimbriata (Liebmann) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :125, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :210, 1855; Begoniac., :90, 1855. —A. de Candolle, Prodr., 15(1):346, 1864.
= **Begonia fimbriata** Liebmann, 1853.

Gireoudia heracleifolia (Schlechtendal & Chamisso) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :125, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :214, 1855; Begoniac., :94, 1855. —A. de Candolle, Prodr., 15(1):335, 1864.
= **Begonia heracleifolia** Schlechtendal & Chamisso var. **heracleifolia,** 1830.

Gireoudia heracleifolia (Schlechtendal & Chamisso) Klotzsch var. *punctata* Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :215, 1855; Begoniac., :95, 1855. —A. de Candolle, Prodr., 15(1):335, 1864. **R**
= **Begonia heracleifolia** Schlechtendal & Chamisso var. **punctata** F. Cels, 1842.

Gireoudia heracleifolia (Schlechtendal & Chamisso) Klotzsch var. *viridis* Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :215, 1855; Begoniac., :95, 1855. —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:170, 1961.
= **Begonia heracleifolia** Schlechtendal & Chamisso var. **heracleifolia,** 1830.

Gireoudia hydrocotylifolia (Otto ex W.J. Hooker) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :125, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :218, 1855; Begoniac., :98, 1855. —A. de Candolle, Prodr., 15(1):344, 1864.
= **Begonia hydrocotylifolia** Otto ex W.J. Hooker var. **hydrocotylifolia,** 1842.

Gireoudia involucrata (Liebmann) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :123, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :204, 1855; Begoniac., :84, 1855. —A. de Candolle, Prodr., 15(1):339, 1864.
= **Begonia involucrata** Liebmann 1853.

Gireoudia laciniata Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :205, 1855; Begoniac., :85, 1855. —A. de Candolle, Prodr., 15(1):340, 1864 [= *Begonia laciniosa* A. de Candolle, 1864]. —Standley, Field Mus. Nat. Hist., Bot. Ser., 18:743, 1937.
= **Begonia involucrata** Liebmann 1853.

Gireoudia lindleyana (Walpers) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :125, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :207, 1855; Begoniac., :87, 1855 [= *Gireoudia vitifolia* (Lindley) Klotzsch, 1855]. —A. de Candolle, Prodr., 15(1):336, 1864.
= **Begonia lindleyana** Walpers, 1843.

Gireoudia lobulata Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :125, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :208, pl.7C, 1855 ;Begoniac., :88, pl.7C, 1855. —A. de Candolle, Prodr., 15(1):339, 1864 [= *Begonia lobulata* A. de

Candolle, 1864]. —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:181, 1961.—K. Burt–Utley, Tulane Studies Zool. Bot., 25(1)42, 1985 **R**
= **Begonia sartorii** Liebmann, 1853.

Gireoudia macrophylla Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :125, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :216, 1855; Begoniac., :96, 1855, synonymis Dryander excluso Klotzsch sphalmate. —A. de Candolle, Prodr., 15(1):394, 1864 [= *Begonia peponifolia* Visiani ex A. de Candolle, 1864]. —J. Golding & C. Karegeannes, Phytologia, 54:498, 1984.
= **Begonia barkeri** Knowles & Wescott, 1840.

Gireoudia macrophylla Klotzsch var. *concolor* Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :216, 1855; Begoniac., :96, 1855. fide J. Doorenbos in litteris, J. Golding & C. Karegeannes, Phytologia, 54:496, 1984.
= **Begonia barkeri** Knowles & Wescott, 1840.

Gireoudia macrophylla Klotzsch var. *discolor* Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :216, 1855; Begoniac., :96, 1855. —J. Golding & C. Karegeannes, Phytologia, 54:498, 1984.
= **Begonia barkeri** Knowles & Wescott, 1840.

Gireoudia manicata Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :125, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :214, 1855; Begoniac., :94, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):388, 1861.
= **Begonia manicata** Brongniart var. **manicata,** 1842.

Gireoudia multinervia (Liebmann) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :125, 1854. —J. Golding, Phytologia, 40:457, 1978.
= **Begonia multinervia** Liebmann, 1853.

Gireoudia nelumbiifolia (Schlechtendal & Chamisso) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :125, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :218, 1855; Begoniac., :98, 1855. —A. de Candolle, Prodr., 15(1):343, 1864.
= **Begonia nelumbiifolia** Schlechtendal & Chamisso, 1830.

Gireoudia ottoniana Regel, Gartenfl., 8:15, 1859. —A. de Candolle, Prodr., 15(1):399, 1864.
=*Begonia x ottoniana* A. de Candolle, 1864, taxon hybridogenum.

Gireoudia pilifera Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :125, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :206, 1855; Begoniac., :86, 1855. —A. de Candolle, Prodr., 15(1):337, 1864 [= *Begonia pilifera* A. de Candolle, 1864]. —K. Burt–Utley, Phytologia, 54:488, 1984.
= **Begonia sericoneura** Liebmann, 1853.

Gireoudia plebeja (Liebmann) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :125, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :217, 1855; Begoniac., :97, 1855. —A. de Candolle, Prodr., 15(1):338, 1864.
= **Begonia plebeja** Liebmann 1853.

Gireoudia pruinata Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :125, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :207, 1855; Begoniac., :87, 1855. —Schlechtendal, Linnaea, 27:550, "1854," 1856. —A. de Candolle, Prodr., 15(1):338, 1864. **R**
= **Begonia pruinata** (Klotzsch) A. de Candolle, 1864.

Gireoudia punctata Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :125, 1854. —A. de Candolle, Prodr., 15(1):335, 1864. **R**
= **Begonia heracleifolia** Schlechtendal & Chamisso var. **punctata** F. Cels, 1842.

Gireoudia rhizocaulis Klotzsch, Ann. Sci. Nat. Bot., IV, 6:351, 1856. —A. de Candolle, Prodr., 15(1):341, 1864.
= **Begonia rhizocaulis** (Klotzsch) A. de Candolle, 1864.

Gireoudia rotata (Regel) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :241, 1855; Begoniac., :91, 1855. —A. de Candolle, Prodr., 15(1):335, 1864.
= **Begonia caroliniefolia** Regel, 1852.

Gireoudia sarcophylla (Liebmann) Klotzsch, Abh.

Königl. Akad. Wiss. Berlin 1854, :208, 1855; Begoniac., :88, 1855, "*sarchophylla*." —A. de Candolle, Prodr., 15(1):337, 1864 [= *Begonia sarcophylla* Liebmann, 1853]. —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:173, 1961 [= *Begonia lindleyana* Walpers, 1843]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,472, 1984.—K. Burt–Utley, Tulane Studies Zool. Bot., 25(1):42, 1985. **R**
= **Begonia satorii** Liebmann, 1853.

Gireoudia schizolepis (Liebmann) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :125, 1854. —Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :214, 1855; Begoniac., :94, 1855 [= *Gireoudia manicata* Klotzsch, 1855]. —A. de Candolle in Martius, Fl. Bras., 4(1);388, 1861. **R**
= **Begonia manicata** Brongniart var. **manicata**, 1842.

Gireoudia sericoneura (Liebmann) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :209, 1855; Begoniac., :89, 1855. —A. de Candolle, Prodr., 15(1):336, 1864 [= *Begonia sericoneura* Liebmann, 1853]. —L.B. Smith & B.G. Schubert, Caldasia, 4:11, pl. 2, 1946 [= *Begonia lindleyana* auct. non Walpers: L.B. Smith & B.G. Schubert, 1946]. —K. Burt–Utley, Phytologia, 54:488, 1984.
= **Begonia sericoneura** Liebmann, 1853.

Gireoudia setosa Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :125, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :212, 1855; Begoniac., :92, 1855. —A. de Candolle, Prodr., 15(1):338, 1864 [= *Begonia setifera* A. de Candolle, 1864]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54,470, 1984. —K. Burt–Utley, Tulane Studies Zool. Bot., 25(1):59, 1985. **R**
= **Begonia urophylla** W.J. Hooker, 1855.

Gireoudia setulosa (Bertoloni) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :211, 1855; Begoniac., :91, 1855. —A. de Candolle, Prodr., 15(1):396, 1864.
= **Begonia setulosa** Bertoloni, 1840.

Gireoudia squarrosa (Liebmann) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :125, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :210, 1855; Begoniac., :90, 1855. —A. de Candolle, Prodr., 15(1):343, 1864. **R**
= **Begonia squarrosa** Liebmann, 1853.

Gireoudia stigmosa (Lindley) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :125, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :213, 1855; Begoniac., :93, 1855. —A. de Candolle, Prodr., 15(1):343, 1864.
= **Begonia stigmosa** Lindley, 1845.

Gireoudia strigillosa (Dietrich) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :125, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :213, 1855; Begoniac., :93, 1855.
= **Begonia strigillosa** Dietrich, 1851.

Gireoudia urophylla (W.J. Hooker) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :212, 1855; Begoniac., :92, 1855. —A. de Candolle, Prodr., 15(1):339, 1864.
= **Begonia urophylla** W.J. Hooker, 1855.

Gireoudia vitifolia (Lindley) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :207, 1855; Begoniac., :87, 1855. —A. de Candolle, Prodr., 15(1):336, 1864.
= **Begonia lindleyana** Walpers, 1843.

Gireoudia warscewicziana Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :217, 1855; Begoniac., :97, 1855, pro syn. *Gireoudia conchifolia* (Dietrich) Klotzsch var. *warscewicziana* Klotzsch, 1855. —A. de Candolle, Prodr., 15(1):338, 1864.
= **Begonia conchifolia** Dietrich var. **conchifolia**, 1851.

Gurltia boucheana Klotzsch, Ann. Sci. Nat. Bot., IV, 6:351, 1856. —A. de Candolle, Prodr., 15(1):373, 1864.
= **Begonia boucheana** (Klotzsch) A. de Candolle, 1864.

Gurltia meyeri (Otto & Dietrich) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :123, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :177, pl. 4B, 1855; Begoniac., :57, pl. 4B, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):376, 1861.
= **Begonia tomentosa** Schott var. **eriocaulis** A.

de Candolle, 1861.

Gurltia rigida Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :177, 1855; Begoniac., :57, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):376, 1861.
= **Begonia rigida** Linden ex Regel, 1854.

Gurltia strigulosa Hasskarl, Hort. Bogor. Descr., :323, 1858. —A. de Candolle, Prodr., 15(1):399, 1864.
= **Begonia strigulosa** A. de Candolle, 1864.

Gurltia tomentosa (Schott) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :177, 1855; Begoniac., :57, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):376, 1861.
= **Begonia tomentosa** Schott var. **tomentosa**, 1827.

Haagea dipetala (Graham) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :125, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :224, pl. 9C, 1855; Begoniac., :104, pl. 9C, 1855. —A. de Candolle, Prodr., 15(1):391, 1864.
= **Begonia dipetala** Graham, 1828.

Hoffmannella rosea Klotzsch ex A. de Candolle, Prodr., 15(1):299, 1864, pro syn. *Begonia rosea* A. de Candolle, 1864. —L.B. Smith & B.G. Schubert, Caldasia, 4:78, 1946.
= **Begonia semiovata** Liebmann, 1853.

Huszia octopetala (l'Héritier) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :121, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :138, pl. 1A, 1855; Begoniac., :18, pl. 1A, 1855. —A. de Candolle, Prodr., 15(1):284, 1864.
= **Begonia octopetala** l'Héritier var. **octopetala**, 1788.

Huszia rubricaulis (W.J. Hooker) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :139, 1855; Begoniac., :19, 1855. —A. de Candolle, Prodr., 15(1):283, 1864.
= **Begonia rubricaulis** W.J. Hooker var. **rubricaulis**, 1844.

Isopteris longirostris (Bentham) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :127, 1854. —A. de Candolle, Prodr., 15(1):272, 1864 [= *Casparya longirostris* A. de Candolle, 1964]. —L.B. Smith & D.C. Wasshausen, Phytologia, 44:242, 1979.
= **Begonia longirostris** Bentham, 1845.

Isopteris umbellata (Kunth in Humboldt, Bonpland & Kunth) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :127, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :252, pl. 12B, 1855; Begoniac., :132, pl. 12B, 1855 [= *Isopteryx umbellata* Klotzsch, 1855]. —A. de Candolle, Prodr., 15(1):270, 1864 [= *Casparya umbellata* A. de Candolle, 1864]. —C. de Candolle, Bull. Herb. Boissier, II, 8:319, 1908.
= **Begonia umbellata** Kunth in Humboldt, Bonpland & Kunth, 1825.

Isopteryx umbellata (Kunth in Humboldt, Bonpland & Kunth) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :252, pl. 12B, 1855; Begoniac., :132, pl. 12B, 1855. —A. de Candolle, Prodr., 15(1):270, 1864 [= *Casparya umbellata* A. de Candolle, 1864]. —C. de Candolle, Bull. Herb. Boissier, II, 8:319, 1908.
= **Begonia umbellata** Kunth in Humboldt, Bonpland & Kunth, 1825.

Knesebeckia acutiloba (Liebmann) Klotzsch ex Walpers, Ann. Bot. Syst., 4:889, 1858.
= **Begonia acutiloba** Liebmann, 1853.

Knesebeckia aucubifolia hort. Berol. ex Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :122, 1864. "*aucubaefolia*." ; Abh. Königl. Akad. Wiss. Berlin 1854, :162, 1855; Begoniac., :42, 1855. —A. de Candolle, Prodr., 15(1):309, 1864.
= **Begonia incarnata** Link & Otto var. **incarnata**, 1829.

Knesebeckia balamisiana (Balmis) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :168, 1855; Begoniac., :48, 1855. —A. de Candolle, Prodr., 15(1):308, 1864.
= **Begonia balmisiana** Balmis var. **balmisiana**, 1794.

Knesebeckia biserrata (Lindley) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :165, 1855;

Begoniac., :45, 1855. —A. de Candolle, Prodr., 15(1):305, 1864.
= **Begonia biserrata** Lindley var. **biserrata**, 1847.

Knesebeckia bracteata Hasskarl, Hort. Bogor. Descr., :316, 1858. —A. de Candolle, Prodr., 15(1):317, 1864.
= **Begonia lepida** Blume, 1827.

Knesebeckia bulbifera (Link) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :122, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :167, 1855; Begoniac., :47, 1855. —A. de Candolle, Prodr., 15(1):311, 1864.
= **Begonia bulbillifera** Link & Otto, 1831.

Knesebeckia crenatiflora Klotzsch & Putzeys, Abh. Königl. Akad. Wiss. Berlin 1854, :165, 1855; Begoniac., :45, 1855. —A. de Candolle, Prodr., 15(1):306, 1864 [= *Begonia crenatiflora* A. de Candolle, 1864]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:466, 1984; Phytologia, 55:112, 1984.
= **Begonia biserrata** Lindley var. **biserrata**, 1847.

Knesebeckia crenatiflora auct. non Klotzsch & Putzeys: L.B. Smith & D.C. Wasshausen, Phytologia, 54:472, 1984; Phytologia, 55:112, 1984.
= **Begonia pedata** Liebmann, 1853.

Knesebeckia discolor ®. Brown) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :122, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :164, 1855; Begoniac., :44, 1855. —A. de Candolle, Prodr., 15(1):313, 1864 [= *Begonia evansiana* Andrews, 1811]. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:492, 1939.
= **Begonia grandis** Dryander subsp. **evansiana** (Andrews) Irmscher, 1939.

Knesebeckia falciloba (Liebmann) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :166, 1855; Begoniac., :46, 1855. —A. de Candolle, Prodr., 15(1):311, 1864.
= **Begonia falciloba** Liebmann, 1853.

Knesebeckia ignea Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :166, 1855; Begoniac., :46, 1855. —A. de Candolle, Prodr., 15(1):306, 1864.
= **Begonia ignea** Warscewicz ex A. de Candolle var. **ignea**, 1864.

Knesebeckia incarnata (Link & Otto) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :122, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :163, 1855; Begoniac., :43, 1855. —A. de Candolle, Prodr., 15(1):309, 1864.
= **Begonia incarnata** Link & Otto var. **incarnata**, 1829.

Knesebeckia martiana (Link & Otto) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :122, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :167, pl. 2C, 1855; Begoniac., :47, pl. 2C, 1855. —A. de Candolle, Prodr., 15(1):310, 1864.
= **Begonia gracilis** Kunth in Humboldt, Bonpland & Kunth var. **martiana** A. de Candolle, 1864.

Knesebeckia monoptera (Link & Otto) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :168, 1855; Begoniac., :48, 1855. —A. de Candolle, Prodr., 15(1):308, 1864 [= *Begonia monoptera* Link & Otto, 1828]. —C. Karegeannes, Begonian, 50:10, 1983.
= **Begonia balmisiana** Balmis var. **balmisiana**, 1794.

Knesebeckia papillosa (Graham) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :122, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :163, 1855; Begoniac., :43, 1855. —A. de Candolle, Prodr., 15(1):309, 1864.
= **Begonia incarnata** Link & Otto var. **papillosa** A. de Candolle, 1864.

Knesebeckia pedata (Liebmann) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :164, 1855; Begoniac., :44, 1855. —A. de Candolle, Prodr., 15(1):306, 1864.
= **Begonia pedata** Liebmann, 1853.

Knesebeckia phyllomaniaca (Martius) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :122, 1854. —A. de Candolle in Martius, Fl. Bras., 4(1):385, 1861 [= *Begonia phyllomaniaca* Martius, 1852]. —Walpers, Ann. Bot. Syst., 4:890, 1858. **R**

= *Begonia* x *phyllomaniaca*, taxon hybridogenum.

Lauchea verticillata (W.J. Hooker) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :242, 1855; Begoniac., :122, 1855. —A. de Candolle, Prodr., 15(1):353, 1864.
= **Begonia adenopoda** Lemaire, 1852.

Lepsia foliosa (Humboldt, Bonpland & Kunth) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :182, 1855; Begoniac., :62, 1855. —A. de Candolle, Prodr., 15(1):375, 1864.
= **Begonia foliosa** Kunth in Humboldt, Bonpland & Kunth var. **foliosa**, 1825.

Lepsia foliosa Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :pl. 5A, 1855; Begoniac., :pl. 5A, 1855, sphalmate pro *Lepsia microphylla* Klotzsch,1855.

Lepsia microphylla Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :182, pl. 5A 1855; Begoniac., :62, pl. 5A, pro *Lepsia foliosa*, sphalmate pro *Lepsia microphylla* Klotzsch,1855. —A. de Candolle, Prodr., 15(1):375, 1864. [= *Begonia microphylla* A. de Candolle var. *microphylla*, 1864, non Willdenow ex Klotzsch, 1855]. —L. Dorr, Harvard Papers in Botany, 4(1): 261, 1999.
= **Begonia foliosa** Kunth in Humboldt, Bonpland & Kunth var **microphylla** (Klotzsch) L. Dorr, 1999.

Lepsia poeppigiana Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :183, 1855; Begoniac., :63, 1855. —A. de Candolle, Prodr., 15(1):376, 1864 [= *Begonia poeppigiana* A. de Candolle, 1864]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:472, 1984; in Harling & Andersson, Fl. Ecuador, 25:12, 1986. [= *Begonia foliosa* Kunth in Humboldt, Bonpland & Kunth var. *australis* L.B. Smith & B.G. Schubert, 1946]. — L. Dorr, Harvard Papers in Botany 4(1):259, 1999.
= **Begonia foliosa** Kunth in Humboldt, Bonpland & Kunth var **foliosa**, 1825.

Magnusia fusca (Liebmann) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :222, pl. 9B, 1855; Begoniac., :102, pl. 9B, 1855. —A. de Candolle, Prodr., 15(1):334, 1864.
= **Begonia fusca** Liebmann, 1853.

Magnusia maxima hort. ex Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :125, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :223, 1855; Begoniac., :103, 1855. —A. de Candolle, Prodr., 15(1):334, 1864. —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:167, 1961.
= **Begonia fusca** Liebmann, 1853.

Mezierea griffithiana A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:144, 1859. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:644, 1879 [= *Begonia episcopalis* C.B. Clarke, 1879]. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):142, 1894.
= **Begonia griffithiana** (A. de Candolle) Warburg 1894.

Mezierea molleri C. de Candolle, Bol. Soc. Brot., 10:124, 1892. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):141, 1894.
= **Begonia molleri** C... de Candolle) Warburg 1894.

Mezierea nepalensis A. de Candolle, Ann. Sci. Nat. Bot., IV, 11:144, 1859, nomen nudum; Prodr., 15(1):406, 1864. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:643, 1879, sphalmate pro *Begonia gigantea* Wallich ex C.B. Clarke, 1879. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):142, 1894.
= **Begonia nepalensis** (A. de Candolle) Warburg var. **nepalensis**, 1894.

Mezierea nepalensis A. de Candolle var. *micropteron* —J. Doorenbos, Check List Begonia Sp, :35, 1971, ined. —J. Doorenbos ex F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2, :85, 1974.
= **Begonia nepalensis** (A. de Candolle) Warburg var. **micropteron** (A. de Candolle) J. Doorenbos ex F.A. Barkley & J. Golding, 1974.

Mezierea salaziensis Gaudichaud, Voy. Bonite, Bot., :pl. 32, 1841. —Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :124, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :187, 1855; Begoniac., :67, 1855. "*salaciensis*." —Warburg in Engler & Prantl,

Nat. Pflanzenfam., 3(6A):139, 1894.
= **Begonia salaziensis** (Gaudichaud) Warburg 1894.

Mezierea salaziensis Gaudichaud var. *calleryana* A. de Candolle, Prodr., 15(1):408, 1864. —Fernandez–Villar in Blanco & Mercado, Fl. Filip., ed. 3, 4:99, 1880 [= *Begonia aptera* Blume var. *calleryana* Fernandez–Villar, 1880]. —Merrill, Philipp. J. Sci., 6:374, "1911," 1912.
= **Begonia pseudolateralis** Warburg 1904.

Mezierea salaziensis Gaudichaud var. *comorensis* A. de Candolle, Prodr., 15(1):408, 1864. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):139, 1894. —Kazenga, J.J. deWilde & Quené, Bull. Jard. Bot. Belg., 63:272, 1994.
= **Begonia comorensis** Warburg 1895.

Mitscherlichia albo–coccinea (W.J. Hooker) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :124, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :193, pl. 6A, 1855; Begoniac., :73, pl. 6A, 1855. —A. de Candolle, Prodr., 15(1):389, 1864.
= **Begonia albo–coccinea** W.J. Hooker, 1845.

Mitscherlichia coriacea (Hasskarl) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :194, 1855; Begoniac., :74, 1855. —A. de Candolle, Prodr., 15(1):274, 1864 [= *Begonia peltata* Hasskarl, 1843]. —J. Golding, Phytologia, 47:294, 1981.
= **Begonia coriacea** Hasskarl, 1844

Mitscherlichia grahamiana Hasskarl, Hort. Bogor. Descr., :334, 1858. —A. de Candolle, Prodr. 15(1):389, 1864.
= **Begonia albo–coccinea** W.J. Hooker, 1845.

Mitscherlichia junghuhniana Miquel, Fl. Ned. Ind., 1,1:696, 1856. —A. de Candolle, Prodr., 15(1):390, 1864 [= *Begonia junghuhniana* Miquel, 1857]. —Backer & Van den Brink, Fl. Java, 1:309, 1964.
= **Begonia coriacea** Hasskarl, 1844.

Mitscherlichia lobbii Hasskarl, Hort. Bogor. Descr., :331, 1858. —A. de Candolle, Prodr., 15(1):390, 1864.
= **Begonia lobbii** A. de Candolle, 1864.

Mitscherlichia repens Miquel, Fl. Ned. Ind., Suppl.1:333, 1861. —A. de Candolle, Prodr., 15(1):391, 1864.
= **Begonia mollis** A. de Candolle, 1864.

Mitscherlichia rubrosetulosa Hasskarl, Hort. Bogor. Descr., :336, 1858. —A. de Candolle, Prodr., 15(1):390, 1864. [= *Begonia rubrosetulosa* A. de Candolle, 1864], —Doorenbos, Sosef & de Wilde, Wageningen Agric. Univ. Papers, 98(2): 252, 1998. **R**
= **Begonia malabarica** Lamarck var. **malabarica**, 1785.

Mitscherlichia stictopoda Miquel, Fl. Ned. Ind., 1,1:1092, 1858. —A. de Candolle, Prodr., 15(1):391, 1864.
= **Begonia stictopoda** (Miquel) A. de Candolle, 1864.

Mitscherlichia trichopoda Miquel, Fl. Ned. Ind., Suppl. 1:333, 1861. —A. de Candolle, Prodr., 15(1):386, 1864.
= **Begonia trichopoda** Miquel, 1858.

Monopteron nepalensis F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2, :85, 1974, sphalmate pro *Mezierea nepalensis* A. de Candolle, 1859.

Monopteron trisulcatum F.A. Barkley & J. Golding, Sp. Begoniaceae, ed. 2, :132, 1974, sphalmate pro *Casparya trisulcata* A. de Candolle, 1859.

Moschkowitz wageneriana (W.J. Hooker) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :197, 1855; Begoniac., :77, 1855. —A. de Candolle, Prodr., 15(1):289, 1864.
= **Begonia wageneriana** W.J. Hooker, 1857.

Moschkowitzia fagopyroides (Kunth) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :127, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :197, pl. 8A, 1855; Begoniac., :77, pl. 8A, 1855. —A. de Candolle, Prodr., 15(1):289, 1864 [= *Begonia fagopyroides* Kunth & Bouché, 1845]. —L.B. Smith & D.C. Wasshausen, Phytologia, 52443, 1983.
= **Begonia denticulata** Kunth in Humboldt,

Bonpland & Kunth, 1825.

Moschkowitzia wageneria A. de Candolle, Prodr., 15(1):366, 1864, sphalmate pro Moschkowitzia wageneriana Klotzsch, 1855.

Nephromischus rutilans (Van Houtte) Klotzsch, Ind. Sem. hort. Berol. app., :1, 1856. —A. de Candolle, Prodr., 15(1):374, 1864.
= **Begonia rutilans** hort. Van Houtte ex A. de Candolle, 1864.

Petermannia cumingiana Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :124, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :195, pl. 6C, 1855; Begoniac. :75, pl. 6C, 1855. —Miquel, Fl. Ned. Ind., 1,1:691, 1856 [= *Diploclinium cumingianum* Miquel, 1856]. —A. de Candolle, Prodr., 15(1):320, 1864.
= **Begonia cumingiana** A. de Candolle, 1864.

Petermannia fasciculata (Jack) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :124, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :195, 1855; Begoniac., :75, 1855. —Miquel, Fl. Ned. Ind., 1,1:690, 1856 [= *Diploclinium fasciculatum* Miquel, 1856]. —A. de Candolle, Prodr., 15(1):322, 1864.
= **Begonia fasciculata** Jack, 1822.

Petermannia geniculata (Jack) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :124, 1854. —Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :196, 1855; Begoniac., :76, 1855. —A. de Candolle, Prodr., 15(1):321, 1864.
= **Begonia isoptera** Dryander ex J.E. Smith, 1790.

Petermannia racemosa (Jack) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :124, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :196, 1855; Begoniac., :76, 1855. —Miquel, Fl. Ned. Ind., 1,1:691, 1856 [= *Diploclinium racemosum* Miquel, 1856]. —A. de Candolle, Prodr., 15(1):322, 1864.
= **Begonia racemosa** Jack, 1822.

Pilderia erythrotricha Klotzsch in herb. Berol. ex A. de Candolle in Martius, Fl. Bras., 4(1):344, 1861, pro syn. **Begonia humilis** Dryander var. **porteriana** A. de Candolle, 1861

Pilderia hirsuta Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :127, 1854, nomen nudum. —A. de Candolle, Prodr., 15(1):381, 1864, pro syn. *Begonia pavoniana* A. de Candolle, 1859. —O.E. Schulz in Urban, Symb. Antil., 7:27, 1911.
= **Begonia humilis** Dryander var. **humilis**, 1789.

Pilderia urticifolia Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :127, 1854, "*urticaefolia*," nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :186, pl. 7A, 1855; Begoniac., :66, pl. 7A, 1855. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):144, 1894, [= *Begonia urticifolia* Warburg, 1894]. —L.B. Smith & B.G. Schubert, Caldasia, 4:100, 1946.
= **Begonia buddleiifolia** A. de Candolle, 1859.

Platycentrum annulatum K. Koch ex Regel, Gartenfl., 8:15, 1859. —A. de Candolle, Prodr., 15(1):350, 1864 [= *Begonia griffithii* W.J. Hooker, 1857]. —Irmscher, Bot. Jahrb. Syst., 78:191, 1959.
= **Begonia annulata** K. Koch, 1857.

Platycentrum cathcartii (J.D. Hooker & Thomson) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :245, 1855; Begoniac., :125, 1855.
= **Begonia cathcartii** J.D. Hooker & Thomson, 1855.

Platycentrum discolor (R. Brown) Miquel, Fl. Ned. Ind., 1,1:694, 1856. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:492, 1939.
= **Begonia grandis** Dryander subsp. **evansiana** (Andrews) Irmscher, 1939.

Platycentrum erosum (Blume) Miquel, Fl. Ned. Ind., 1,1:694, 1856. —Klotzsch, Bot. Zeitung., 15:182, 1857 [= *Sphenanthera erosa* Hasskarl ex Klotzsch, 1858]. —A. de Candolle, Prodr., 15(1):276, 1864 [= *Casparya erosa* A. de Candolle, 1864]. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894.
= **Begonia erosa** Blume, 1827.

Platycentrum hamiltonianum Miquel, Fl. Ned. Ind., 1,1:695, 1856. —A. de Candolle, Prodr.,

15(1):295, 1864 [= *Begonia acuminata* Dryander, 1781]. —O.E. Schulz in Urban, Symb. Antil., 7:13, 1911.
= **Begonia acutifolia** Jacquin, 1787.

Platycentrum multangulum (Blume) Miquel, Fl. Ned. Ind., 1,1:695, 1856. —Klotzsch, Bot. Zeitung., 15:182, 1857 [= *Sphenanthera multangula* Klotzsch, 1857]. —A. de Candolle, Prodr., 15(1):275, 1864 [= *Casparya multangula* (Blume) A. de Candolle, 1864]. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894.
= **Begonia multangula** Blume var. **multangula**, 1827.

Platycentrum multangulum (Blume) Miquel var. *glabrata* Miquel, Fl. Ned. Ind., 1,1:695, 1856. —Klotzsch, Bot. Zeitung., 15:182, 1857 [= *Sphenanthera multangula* Klotzsch, 1857]. —A. de Candolle, Prodr., 15(1):275, 1864 [= *Casparya multangula* A. de Candolle var. *glabrata*, A. de C, 1864. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894.
= **Begonia multangula** Blume var. **glabrata** Miquel, 1857.

Platycentrum robustum (Blume) Miquel, Fl. Ned. Ind., 1,1:694, 1856. —Klotzsch, Bot. Zeitung., 15:182, 1857 [= *Sphenanthera robusta* Hasskarl ex Klotzsch, 1857]. —A. de Candolle, Prodr., 15(1):275, 1864 [= *Casparya robusta* A. de Candolle, 1864]. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894.
= **Begonia robusta** Blume var. **robusta**, 1827.

Platycentrum robustum Miquel var. *hirsutior* Miquel, Fl. Ned. Ind., Suppl. 1:332, 1861. —J. Golding & C. Karegeannes, Phytologia, 54:499, 1984.
= **Begonia robusta** Blume var. **hirsutior** (Miquel) J. Golding & C. Karegeannes, 1984.

Platycentrum rubrovenium (W.J. Hooker) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :244, pl. 11B, 1855; Begoniac., :124 pl. 11B, 1855. —A. de Candolle, Prodr., 15(1):347, 1864 [= *Begonia rubrovenia* W.J. Hooker, 1853]. —H. Hara, J. Jap. Bot., 47:143, 1972.
= **Begonia hatacoa** F. Hamilton ex D. Don var. **hatacoa**, 1825

Platycentrum rupicolum Miquel, Fl. Ned. Ind., 1,1:693, 1856. —A. de Candolle, Prodr., 15(1):352, 1864.
= **Begonia rupicola** Miquel, 1857.

Platycentrum tenuifolium (Dryander) Miquel, Fl. Ned. Ind., 1,1:693, 1856.
= **Begonia tenuifolia** Dryander, 1791.

Platycentrum teysmannianum Miquel, Fl. Ned. Ind., 1,1:1092, 1858. —A. de Candolle, Prodr., 15(1):276, 1864 [= *Casparya teysmanniana* Miquel ex A. de Candolle, 1864]. —M.C. Tebbitt & J.H. Dickson, Brittonia, 52(1)116, 2000.
= **Begonia teysmanniana** (Miquel)Tebbitt, 2000.

Platycentrum xanthinum (W.J. Hooker) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :243, 1855; Begoniac., :123, 1855. —A. de Candolle, Prodr., 15(1):347, 1864.
= **Begonia xanthina** W.J. Hooker var. **xanthina**, 1852.

Platycentrum zollingeranum Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :245, 1855; Begoniac., :125, 1855, "*zollingerianum*." —A. de Candolle, Prodr., 15(1):351, 1864.
= **Begonia zollingeriana** A. de Candolle, 1859.

Pritzelia angulata Klotzsch ex Wawra, Bot. Ergebn., :51, 1866, pro syn. **Begonia angulata** Vellozo var. **angulata**, 1831.

Pritzelia coccinea (W.J. Hooker) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :228, 1855; Begoniac., :108, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):360, 1861.
= **Begonia coccinea** W.J. Hooker, 1843.

Pritzelia deflexa A. de Candolle, Prodr., 15(1):362, 1864, sphalmate pro *Wageneria deflexa* Klotzsch, 1855, pro syn. *Begonia scandens*, Swartz, 1788. —O.E. Schulz in Urban, Symb. Antil., 7:6, 1911.
= **Begonia glabra** Aublet var. **glabra**, 1775.

Pritzelia fischeri (Otto & Dietrich) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :228, pl. 10B, 1855; Begoniac., :108, pl. 10B, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):360, 1861 [= *Begonia fischeri* Otto & Dietrich, 1836]. —Irmscher, Bot. Jahrb. Syst., 76:60, 1953.
= **Begonia dietrichiana** Irmscher, 1953.

Pritzelia glabra A. de Candolle, Prodr., 15(1):362, 1864, sphalmate pro *Wageneria glabra* Klotzsch,1855, pro syn. *Begonia scandens*, Swartz, 1788. —O.E. Schulz in Urban, Symb. Antil., 7:6, 1911.
= **Begonia glabra** Aublet var. **glabra**, 1775.

Pritzelia glauca Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :127, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :229, 1855; Begoniac.,109, 1855. —A. de Candolle, Prodr., 15(1):330, 1864.
= **Begonia glauca** (Klotzsch) Ruiz & Pavon ex A. de Candolle, 1864.

Pritzelia lucida A. de Candolle, Prodr., 15(1):362, 1864, sphalmate pro *Wageneria lucida* Klotzsch, 1855, pro syn. *Begonia scandens*, Swartz, 1788 —O.E. Schulz in Urban, Symb. Antil., 7:6, 1911.
= **Begonia glabra** Aublet var. **glabra**, 1775.

Pritzelia montana A. de Candolle, Prodr., 15(1):362, 1864, sphalmate pro *Wageneria montana* Klotzsch, 1855, pro syn. *Begonia scandens,* Swartz, 1788. —O.E. Schulz in Urban, Symb. Antil., 7:6, 1911.
= **Begonia glabra** Aublet var. **glabra**, 1775.

Pritzelia princeps Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :231, 1855; Begoniac. 111, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):357, 1861.
= **Begonia princeps** A. de Candolle var. **princeps**, 1861.

Pritzelia ramentacea (Paxton) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :231, 1855; Begoniac., :111, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):356, 1861.
= **Begonia ramentacea** Paxton 1846.

Pritzelia sanguinea (Raddi) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :229, 1855; Begoniac., :109, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):357, 1861.
= **Begonia sanguinea** Raddi, 1820.

Pritzelia zebrina Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :126, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :230, 155; Begoniac., :110, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):358, 1861.
= **Begonia angularis** Raddi var. **angularis**, 1820.

Putzeysia gemmipara (W.J. Hooker & Thomson) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :255, 1855; Begoniac., :135, 1855. —A. de Candolle, Prodr., 15(1):315, 1864.
= **Begonia gemmipara** J.D. Hooker & Thomson, 1855.

Rachia incana (Lindley) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :189, 1855; Begoniac., :69, 1855. —A. de Candolle, Prodr., 15(1):326, 1864 [= *Begonia incana* Lindley var. *auriformis* A. de Candolle, 1864]. —J. Golding, Phytologia, 47:292, 1981.
= **Begonia peltata** Otto & Dietrich var. **auriformis** (A. de Candolle) J. Golding, 1981.

Rachia meyeri (W.J. Hooker) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :189, 1855; Begoniac., :69, 1855. —J. Doorenbos Begonian, 41:168, 1974.
= **Begonia sunorchis** C. Chevalier, 1938.

Rachia peltata (Otto & Dietrich) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :124, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :189, pl. 6B, 1855; Begoniac., :69, pl. 6B, 1855. —A. de Candolle, Prodr., 15(1):326, 1864 [= *Begonia incana* Lindley, 1841]. —J. Golding, Phytologia, 47:292, 1981.
= **Begonia peltata** Otto & Dietrich var. **peltata**, 1841.

Rachia polygonata Klotzsch ex A. de Candolle, Prodr., 15(1):327, 1864, pro syn. **Begonia polygonata** Liebmann, 1853.

Reichenheimia stelzneri Klotzsch in Otto & Dietrich, Allg. Gartenzeitung, 24:205, 1856.

Reichenheimia subpeltata (Wight) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :175, 1855; Begoniac., :55, 1855. —A. de Candolle, Prodr., 15(1):386, 1864.
= **Begonia subpeltala** Wight, 1852.

Reichenheimia thwaitesii (W.J. Hooker) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :175, pl. 4A, 1855; Begoniac., :55, pl. 4A, 1855. —A. de Candolle, Prodr., 15(1):386, 1864 [= *Begonia thwaitesii* W.J. Hooker, 1853]. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:652, 1879 [= *Begonia tenera* Dryander, 1791]. —A.H.M. Jayasuriya, in M.D. Dassanayake & F.R. Fosberg, Rev. Handb. Fl. Ceylon, 4:140, 1983. **R**
= **Begonia tenera** Dryander var. **thwaitesii** A.H.M. Jayasuriya, 1983.

Reichenheimia zeylanica Klotzsch in Otto & Dietrich, Allg. Gartenzeitung, 24:205, 1856. —fide J. Doorenbos, Check List Begonia Sp., adden., :4, 1971, ined. [= *Begonia thwaitesii* W.J. Hooker, 1853]. —C.B. Clarke in J.D. Hooker, Fl. Brit. Ind., 2:652, 1879 [= *Begonia tenera* Dryander, 1791]. —A.H.M. Jayasuriya in M.D. Dassanayake & F.R. Fosberg, Rev. Handb. Fl. Ceylon, 4:140, 1983. **R**
= **Begonia tenera** Dryander var. **thwaitesii** A.H.M. Jayasuriya, 1983.

Riessia ferruginea Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :124, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :pl. 5C, 1855; Begoniac., :pl.5C, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):379, 1861.
= **Begonia hookeriana** Gardner, 1845.

Riessia pulchella (Raddi) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :124, 1854.
= **Begonia pulchella** Raddi, 1820.

Rossmannia repens Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :125 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :219, pl. 9A, 1855; Begoniac., :99, pl. 9A, 1855. —A. de Candolle, Prodr., 15(1):333, 1864.
= **Begonia rossmanniae** A. de Candolle, 1864.

Sassea columnaris (Bentham) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :128, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :254, 1855; Begoniac., :134, 1855. —A. de Candolle, Prodr., 15(1):274, 1864 [= *Casparya columnaris* (Bentham) A. de Candolle, 1864]. —L.B. Smith & B.G. Schubert, Caldasia, 4:34, 1946.
= **Begonia urticae** Linnaeus f., 1781.

Sassea glabra Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :128, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :254, pl. 12C, 1855; Begoniac., :134, pl. 12C, 1855. —A. de Candolle, Prodr., 15(1):274, 1864 [= *Casparya columnaris* (Bentham) A. de Candolle var. *glabra* A. de Candolle, 1864]. —L.B. Smith & B.G. Schubert, Field Mus. Nat. Hist., Bot. Ser., 13:187, 1941 [= *Begonia columnaris* Bentham var. *glabra*, L.B. Smith & B.G. Schubert, 1941]. —L.B. Smith & D.C. Wasshausen, Fl. Venezuela, 4(1):18, 1989.
= **Begonia urticae** Linnaeus f., 1781.

Sassea hoffmanniana Klotzsch ex A. de Candolle, Prodr., 15(1):275, 1864 [= *Casparya urticae* (Linnaeus f) A. de Candolle var. *hispida* A. de Candolle, 1864]. —Standley, Field Mus. Nat. Hist., Bot. Ser., 18:747, 1937 [= *Begonia torresii* Standley, 1927]. —L.B. Smith & B.G. Schubert, Caldasia, 4:34, 1946.
= **Begonia urticae** Linnaeus f., 1781.

Sassea urticae (Linnaeus f) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :128, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :253, 1855; Begoniac., :133, 1855. —A. de Candolle, Prodr., 15(1):274, 1864 [= *Casparya urticae* (Linnaeus f) A. de Candolle var. *hispida* A. de Candolle, 1864]. —Standley, Field Mus. Nat. Hist., Bot. Ser., 18:747, 1937 [= *Begonia torresii* Standley, 1927]. —L.B. Smith & B.G. Schubert, Caldasia, 4:34, 1946.

= **Begonia urticae** Linnaeus f., 1781.

Saueria crenata Hasskarl, Verslagen Meded. Afd. Natuurk. Kon. Akad. Wetensch., 4:139, 1855.
= **Begonia crenata** Dryander, 1791.

Sauria sulcata (Scheidweiler) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :122, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :161, pl. 2A, 1855; Begoniac., 41, pl. 2A, 1855. —A. de Candolle, Prodr., 15(1):288, 1864 [= *Begonia sulcata* Scheidweiler, 1848]. —L.B. Smith, Phytologia, 27:218, 1973.
= **Begonia dichotoma** Jacquin, 1790.

Scheidweileria digitata (Raddi) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :123, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :180, pl. 4C, 1855; Begoniac., :60, pl. 4C, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):374, 1861.
= **Begonia digitata** Raddi var. **digitata**, 1820.

Scheidweileria ferrata Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :123, 1854, nomen nudum.

Scheidweileria incisoserrata Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :181, 1855; Begoniac., :61, 1855. —A. de Candolle, Prodr., 15(1):371, 1864.
= **Begonia incisoserrata** A. de Candolle, 1861.

Scheidweileria luxurians (Scheidweiler) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :123, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :180, 1855; Begoniac., :60, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):374, 1861.
= **Begonia luxurians** Scheidweiler var. **luxurians**, 1848.

Scheidweileria muricata (Scheidweiler) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :123, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :179, 1855; Begoniac., :59, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):373, 1861.
= **Begonia pentaphylla** Walpers, 1843.

Scheidweileria parviflora (Poeppig & Endlicher) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :179, 1855; Begoniac., 59, 1855. —A. de Candolle, Prodr., 15(1):370, 1864.
= **Begonia parviflora** Poeppig & Endlicher, 1835.

Scheidweileria sellowiana Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :123, 1854, nomen nudum.

Scheidweileria repens Hasskarl, Hort. Bogor. Descr., :325, 1858. —A. de Candolle, Prodr., 15(1):391, 1864.
= **Begonia mollis** A. de Candolle, 1864.

Semibegoniella jamesonia C. de Candolle, Bull. Herb. Boissier, II, 8:327, 1908. —L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 45:112, 1955 [= *Begonia grewiifolia* Warburg, 1894]. —L.B. Smith & D.C. Wasshausen, Phytologia, 44:242, 1979.
= **Begonia longirostris** Bentham, 1845.

Semibegoniella sodiroi C. de Candolle, Bull. Herb. Boissier, II, 8:327, 1908. —L.B. Smith & B.G. Schubert, J. Wash. Acad. Sci., 45:112, 1955 [= *Begonia grewiifolia* Warburg, 1894]. —L.B. Smith & D.C. Wasshausen, Phytologia, 44:242, 1979.
= **Begonia longirostris** Bentham, 1845.

Sphenanthera erosa (Hasskarl) Klotzsch, Bot. Zeitung., 15:182, 1857. —A. de Candolle, Prodr., 15(1):276, 1864 [= *Casparya erosa* A. de Candolle, 1864]. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894.
= **Begonia erosa** Blume, 1827.

Sphenanthera multangula Klotzsch, Bot. Zeitung., 15:182, 1857. —A. de Candolle, Prodr., 15(1):275, 1864 [= *Casparya multangula* (Blume) A. de Candolle, 1864]. —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894.
= **Begonia multangula** Blume var. **multangula**, 1827.

Sphenanthera multangula Klotzsch var. *glabrata* —A. de Candolle, Prodr., 15(1):275, 1864 [= *Casparya multangula* A. de Candolle var. *glabrata*, A. de Candolle, 1864. —Warburg in Engler & Prantl, Nat. Pflanzenfam.,

3(6A):146, 1894.
= **Begonia multangula** Blume var. **glabrata** Miquel, 1857.

Sphenanthera robusta Hasskarl ex Klotzsch, Bot. Zeitung., 15:182, 1857. —A. de Candolle, Prodr., 15(1):275, 1864.
= **Begonia robusta** Blume var. **robusta,** 1827.

Sphenanthera robusta Hasskarl var. *rubra* Hasskarl, Hort. Bogor. Descr., :349, 1858. —A. de Candolle, Prodr., 15(1):275, 1864 [= *Casparya robusta* (Hasskarl) A. de Candolle var. *rubra* A. de Candolle, 1864]. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:472, 1984.
= **Begonia muricata** Blume, 1823.

Sphenanthera robusta Hasskarl var. *viridis* Hasskarl, Hort. Bogor. Descr., :346, 1858. —A. de Candolle, —Warburg in Engler & Prantl, Nat. Pflanzenfam., 3(6A):146, 1894.
= **Begonia robusta** Blume var. **robusta**, 1827.

Steineria ferruginea Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :185, 1855; Begoniac., :65, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):379. 1861.
= **Begonia hookeriana** Gardner, 1845.

Steineria pulchella Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :185, 1855; Begoniac., :65, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):378, 1861.
= **Begonia arborescens** Raddi var. **arborescens**, 1820.

Stibadotheca ferruginea Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :250, 1855; Begoniac., :130, 1855. —A. de Candolle, Prodr., 15(1):269, 1864 [= *Casparya ferruginea* A. de Candolle, 1864]. —C. de Candolle, Bull. Herb. Boissier, II, 8:319, 1908.
= **Begonia ferruginea** Linnaeus f. var. **ferruginea**, 1781.

Stibadotheca fuchsiifolia (A. de Candolle) ex auctoribus, Index Kew., Suppl., 1:53, 1902, "*fuchiaefolia*," pro syn. *Begonia fuchsiifolia* Warburg, 1894. —A. Baranov & F.A. Barkley, Phytologia, 26:220, 1973, sphalmate.
= **Begonia fuchsiiflora** (A. de Candolle) A. Baranov & F.A. Barkley, 1973.

Stibadotheca magnifica Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :249, 1855; Begoniac., :129, 1855. —A. de Candolle, Prodr., 15(1):269, 1864. [= *Casparya ferruginea* A. de Candolle, 1864]. —C. de Candolle, Bull. Herb. Boissier, II, 8:319, 1908.
= **Begonia ferruginea** Linnaeus f. var. **ferruginea,** 1781.

Stibadotheca trachyptera (Bentham) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :251, 1855; Begoniac., :131, 1855. —A. de Candolle, Prodr., 15(1):274, 1864 [= *Casparya trachyptera* (Bentham) A. de Candolle, 1864]. —L.B. Smith & B.G. Schubert, Caldasia, 4:34, 1946.
= **urticae** Linnaeus f., 1781.

Stibadotheca urticae Klotzsch ex A. de Candolle, Prodr., 15(1):274, 1864, pro syn. *Casparya trachyptera* (Bentham) A. de Candolle, 1864. —L.B. Smith & B.G. Schubert, Caldasia, 4:34, 1946.
= **urticae** Linnaeus f., 1781.

Stiradotheca ferruginea Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :127, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :250, 1855; Begoniac., :130, 1855. [= *Stibadotheca magnifica* Klotzsch, 1855]. —A. de Candolle, Prodr., 15(1):269, 1864. [= *Casparya ferruginea* A. de Candolle, 1864]. —C. de Candolle, Bull. Herb. Boissier, II, 8:319, 1908.
= **Begonia ferruginea** Linnaeus f. var. **ferruginea**, 1781.

Stiradotheca magnifica Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :127, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :249, pl. 12A, 1855; Begoniac., :130, pl. 12A, 1855. [= *Stibadotheca magnifica* Klotzsch, 1855]. —A. de Candolle, Prodr., 15(1):269, 1864. [= *Casparya ferruginea* A. de Candolle, 1864]. —C. de Candolle, Bull. Herb. Boissier, II, 8:319, 1908.
= **Begonia ferruginea** Linnaeus f. var. **ferruginea**, 1781.

Stiradotheca trachyptera (Bentham) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :127, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :251, 1855; Begoniac., :131, 1855 [= *Stibadotheca trachyptera* (Bentham) Klotzsch, 1855]. —L.B. Smith & B.G. Schubert, Caldasia, 4:33, 1946.
= **Begonia urticae** Linnaeus f. 1781.

Tittelbachia albiflora Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :126, 1854, nomen nudum.

Tittelbachia castaneifolia (Otto & Dietrich) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854, "*castaneaefolia*".
= **Begonia castaneifolia** hort. Petrop. ex Otto & Dietrich, 1836.

Tittelbachia complicata Hasskarl, Hort. Bogor. Descr., :342, 1858. —A. de Candolle, Prodr., 15(1):399, 1864.
= **Begonia complicata** (Hasskarl) A. de Candolle, 1864.

Tittelbachia fuchsioides (W.J. Hooker) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :126, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :226, pl. 10A, 1855; Begoniac., :106, pl. 10A, 1855. —A. de Candolle, Prodr., 15(1):291, 1864. [= fuchsioides W.J. Hooker, 1847].— L. Dorr, Harvard Papers in Botany, 4(1):262, 1999. **R**
= **Begonia foliosa** Kunth in Humboldt, Bonpland & Kunth var. **miniata** (Planchon) L.B. Smith & B.G. Schubert, 1946.

Tittelbachia hamiltonianum Regel, Ind. Sem. Hort. Petrop., ;45, 1860. —A. de Candolle, Prodr., 15(1):295, 1864 [= *Begonia acuminata* Dryander, 1781]. —O.E. Schulz in Urban, Symb. Antil., 7:13, 1911.
= **Begonia acutifolia** Jacquin, 1787.

Tittelbachia miniata (Planchon & Linden) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :126, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :226, 1855; Begoniac., :106, 1855. —A. de Candolle, Prodr., 15(1):291, 1864 [= *Begonia fuchsioides* W.J. Hooker var. *miniata* A. de Candolle, 1864]. —L.B. Smith & D.C. Wasshausen, Fl. Venezuela, 4(1):36, 1989. [= fuchsioides W.J. Hooker, 1847].— L. Dorr, Harvard Papers in Botany, 4(1): 262, 1999. **R**
= **Begonia foliosa** Kunth in Humboldt, Bonpland & Kunth var. **miniata** (Planchon) L.B. Smith & B.G. Schubert, 1946.

Trachelanthus attenuatus Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :203, 1855; Begoniac., :83, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):383, 1861 [= *Begonia attenuata* (Klotzsch) A. de Candolle, 1861]. —J. Golding & C. Karegeannes, Phytologia, 54:494, 1984.
= **Begonia lanceolata** Vellozo, 1831.

Trachelanthus rhizocarpus Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :203, pl. 8C, 1855; Begoniac., :83, pl. 8C, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):382, 1861 [= *Begonia rhizocarpus* Fischer ex A. de Candolle, 1861]. —Warwa, Bot. Ergebn., :53, pl. 49, 1866.
= **Begonia depauperata** Schott 1827.

Trachelocarpus attenuatus C. Mueller in Walpers, Ann. Bot. Syst., 4:910, 1857. —A. de Candolle in Martius, Fl. Bras., 4(1):383, 1861 [= *Begonia attenuata* (Klotzsch) A. de Candolle, 1861]. —J. Golding & C. Karegeannes, Phytologia, 54,494, 1984.
= **Begonia lanceolata** Vellozo, 1831.

Trachelocarpus rhizocarpus C. Mueller in Walpers, Ann. Bot. Syst., 4:910, 1858. —A. de Candolle in Martius, Fl. Bras., 4(1):382, 1861 [= *Begonia rhizocarpa* Fischer ex A. de Candolle, 1861]. —Wawra, Bot. Ergebn., :53, pl. 49, 1866.
= **Begonia depauperata** Schott, 1827.

Trendelenburgia fruticosa Klotzsch, Monatsber. Königel. Preuss. Akad. Wiss. Berlin, :123, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :172, 1855; Begoniac., :52, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):377, 1861.
= **Begonia fruticosa** A. de Candolle, 1861.

Trilomisa undulata Rafinesque, Fl. Tellur., 2:91, 1836.
= **Begonia undulata** Schott 1827.

Wageneria brasiliensis Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :239, 1855; Begoniac., :119, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):362, 1861.
= **Begonia polygonifolia** A. de Candolle, 1861.

Wageneria convolvulacea Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :125, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :236, 1855; Begoniac., :116, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):367, 1861.
= **Begonia convolvulacea** (Klotzsch) A. de Candolle, 1861.

Wageneria deflecta Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :125, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :233, 1855; Begoniac., :113, 1855. —O.E. Schulz in Urban, Symb. Antil., 7:6, 1911.
= **Begonia glabra** Aublet var. **glabra**, 1775.

Wageneria dichotoma (Jacquin) Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin, :126, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :237, 1855; Begoniac., :117, 1855. —A. de Candolle, Prodr., 15(1):367, 1864.
= **Begonia dichotoma** Jacquin, 1790.

Wageneria fagifolia (Fischer) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854, pro parte. ; Abh. Königl. Akad. Wiss. Berlin 1854, :233, pl. 10C, 1855; Begoniac., :113, pl. 10C, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):363, 1861.
= **Begonia epibaterium** Martius ex A. de Candolle var. **epibaterium**, 1861.

Wageneria fagifolia (Fischer) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854, pro parte. ; Abh. Königl. Akad. Wiss. Berlin 1854, :233, pl. 10C, 1855; Begoniac., :113, pl. 10C, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):363, 1861.
= **Begonia fagifolia** hort. Petrop. ex Otto & Dietrich, 1836.

Wageneria glabra (Aublet) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :235, 1855; Begoniac., :115, 1855. —O.E. Schulz in Urban, Symb. Antil., 7:6, 1911.
= **Begonia glabra** Aublet var. **glabra**, 1775.

Wageneria glandulosa Klotzsch, herb. Berol. ex A. de Candolle, Prodr., 15(1):389, 1864, pro syn. *Begonia glandulosa* auct. non W.J. Hooker: A. de Candolle, 1864. —J. Golding, Phytologia, 40:460, 1978.
= **Begonia multinervia** Liebmann, 1853.

Wageneria hispida Klotzsch ex A. de Candolle in Martius, Fl. Bras., 4(1):364, 1861, pro syn. **Begonia hispida** Schott var. **hispida**, 1827.

Wageneria hugelii, Klotzsch in append. Gen. & Sp. Herb. Berol, :2, 1855, non visus. —A. de Candolle in Martius, Fl. Bras., 4(1):366, 1861. **RBegonia hugelii** (Klotzsch) A. de Candolle, 1861.

Wageneria incisoserrata Klotzsch ex A. de Candolle in Martius, Fl. Bras., 4(1):374, 1861, sphalmate pro *Scheidweiler incisoserrata* Klotzsch, 1855. —A. de Candolle, Prodr., 15(1):371, 1864.
= **Begonia incisoserrata** A. de Candolle, 1861.

Wageneria longiceps (W.J. Hooker) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854, sphalmate pro *Wageneria longipes* (W.J. Hooker) Klotzsch, 1855.

Wageneria longipes (W.J. Hooker) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :237, 1855; Begoniac., :117, 1855. —A. de Candolle, Prodr., 15(1):365, 1864 [= *Begonia longipes* W.J. Hooker, 1830]. —Irmscher, Webbia, 12:506, 1957.
= **Begonia reniformis** Dryander, 1791.

Wageneria lucida (Otto & Dietrich) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :234, 1855; Begoniac., :114, 1855. —O.E. Schulz in Urban, Symb. Antil., 7:6, 1911.
= **Begonia glabra** Aublet var. **glabra**, 1775.

Wageneria montana Klotzsch, Monatsber,

Königel. Preuss. Akad. Wiss. Berlin, :126, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :235,1855; Begoniac., :115, 1855. —O.E. Schulz in Urban, Symb. Antil., 7:6, 1911.
= **Begonia glabra** Aublet var. **glabra**, 1775.

Wageneria moritziana Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854, nomen nudum. —A. de Candolle, Prodr., 15(1):292, 1864.
= **Begonia meridensis** A. de Candolle, 1859.

Wageneria reniformis (Dryander) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854. —A. de Candolle in Martius, Fl. Bras., 4(1):368, 1861 [= *Begonia longipes* W.J. Hooker var. *laticordata* A. de Candolle, 1861]. —Irmscher, Webbia, 12:506, 1957.
= **Begonia reniformis** Dryander, 1791.

Wageneria rugosa Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :236, 1855; Begoniac., :116, 1855 [= *Wageneria convolvulacea* Klotzsch, 1855]. —A. de Candolle in Martius, Fl. Bras., 4(1):367, 1861.
= **convolvulacea** (Klotzsch) A. de Candolle, 1861.

Wageneria scabrida Klotzsch ex A. de Candolle, Prodr., 15(1):367, 1864, pro syn. **Begonia scabrida** A. de Candolle, 1864.

Wageneria scandens Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854, nomen nudum.

Wageneria schottiana Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :125, 1854, nomen nudum; Abh. Königl. Akad. Wiss. Berlin 1854, :236, 1855; Begoniac., :116, 1855, pro syn. *Wageneria convolvulacea,* Klotzsch, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):367, 1861.
= **Begonia convolvulacea** (Klotzsch) A. de Candolle, 1861.

Wageneria tomentosa (Schott) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854. —A. de Candolle in Martius, Fl. Bras., 4(1):364, 1861.
= **Begonia hispida** Schott var. **hispida**, 1827.

Wageneria vitifolia (Schott) Klotzsch, Monatsber, Königel. Preuss. Akad. Wiss. Berlin, :126, 1854; Abh. Königl. Akad. Wiss. Berlin 1854, :236, 1855; Begoniac., :116, 1855. —A. de Candolle in Martius, Fl. Bras., 4(1):369, 1861 [= *Begonia vitifolia* Schott, 1827]. —L.B. Smith & D.C. Wasshausen, Phytologia, 52:446, 1983.
= **Begonia reniformis** Dryander, 1791.

Weilbachia pustulata (Liebmann) Klotzsch, Abh. Königl. Akad. Wiss. Berlin 1854, :241, 1855; Begoniac., :121, 1855. —A. de Candolle, Prodr., 15(1):345, 1864.
= **Begonia pustulata** Liebmann, 1853.

Weilbachia reptans Klotzsch & Oersted, Abh. Königl. Akad. Wiss. Berlin 1854, :240, pl. 11A, 1855; Begoniac., :120, pl. 11A, 1855. —A. de Candolle, Prodr., 15(1):345, 1864 [= *Begonia liebmanii* A. de Candolle, 1864]. —L.B. Smith & B.G. Schubert, Fieldiana: Bot., 24:174, 1961.
= **Begonia ludica** A. de Candolle, 1859.

NAMES PRIOR TO LINNAEUS' *Species Plantarum*, 1753

The names are listed in chronological order, followed by their correct **Begonia** names.

Totoncaxoxo coyollin Hernandez, Nova Plantarum, Animalum et Mexicanorum Historia, ;195, 1651. —Sessé & Mociño, Pl. Nov. Hisp., :162, 1890 [= *Begonia tuberosa* Sessé & Mociño, 1890]. —L.B. Smith & B.G. Schubert, Contr. Gray Herb., 154:27, 1945.
= **Begonia gracilis** Kunth in Humboldt, Bonpland & Kunth var. **martiana** A. de Candolle, 1864.

Tsjeria–narinampuli Rheede, Hort. Mal., 9:167, pl. 86, 1689.—Lamarck, Encyc., 1:393, 1785.
= **Begonia malabarica** Lamarck var. **malabarica**, 1785.

Aceris fructu herba anomala, flore tetrapetalo albo Sloane, Cat. Pl. Jam., :83, 1696; Nat. Hist. Jam., 1:199, pl. 127, 1707. —Jacquin, Coll., 1:128, 1787.
= **Begonia acutifolia** Jacquin, 1787.

Begonia nivea maxima, folio aurito Plumier, Bot. Amer., 3: pl. 6, 1689–1697, ined.; in Tournefort, Inst. Rei Herb., app., :660, pl. 442, 1700; Cat. Pl. Amer., 2:21, 1703. —Linnaeus, Sp. Pl., 2:1056, 1753. —Plumier in Burman, Pl. Amer., 2:pl. 45:fig. 1, 1756. —J. Golding, Phytologia, 45:221, 1980.
= **Begonia obliqua** Linnaeus, 1753, excl. syn. Sloane.

Begonia purpurea maxima, folio aurito Plumier, Bot. Amer., 3: pl. 5: figs. 1,2, 1689–1697, ined.; in Tournefort, Inst. Rei Herb., app., :660. 1700; Cat. Pl. Amer., 2:20, 1703. —Linnaeus, Sp. Pl., 2:1056, 1753. —Plumier in Burman, Pl. Amer., 2:pl. 45:fig. 1, 1756. —J. Golding, Phytologia, 45:221, 1980.
= **Begonia obliqua** Linnaeus, 1753, excl. syn. Sloane.

Begonia roseo flore, foliis acutioribus auritis et late crenatis Plumier, Bot. Amer., 3: pl. 4, 1689–1697, ined.; in Tournefort, Inst. Rei Herb., app., :660, 1700; Cat. Pl. Amer., 2:20, 1703. —Linnaeus, Sp. Pl., 2:1056, 1753 [= *Begonia obliqua* Linnaeus var. *epsilon* Linnaeus, 1753]. —Plumier in Burman, Pl. Amer., 2:pl. 45:fig. 3, 1756. —A. de Candolle, Prodr., 15(1):295, 1864.
= **Begonia plumieri** A. de Candolle, 1864. var. **plumieri,**

Begonia roseo flore, folio aurito, minor et glabra Plumier, Bot. Amer., 3: pl. 2, 1689–1697, ined.; in Tournefort, Inst. Rei Herb., app., :660, 1700; Cat. Pl. Amer., 2:20, 1703. —Linnaeus, Sp. Pl., 2:1056, 1753 [= *Begonia obliqua* Linnaeus var. *beta* Linnaeus, 1753]. —O.E. Schulz in Urban, Symb. Antil., 7:15, 1911.—J. Golding, Phytologia, 45:247, 1980.
= **Begonia brachypoda** O.E. Schulz, 1911.

Begonia roseo flore, folio aurito, minor et hirsuta Plumier, Bot. Amer., 3: pl. 1, 1689–1697, ined.; in Tournefort, Inst. Rei Herb., app., :660, 1700; Cat. Pl. Amer., 2:20, 1703.—Linnaeus, Sp. Pl, 2:1056, 1753 [= *Begonia obliqua* Linnaeus var. *gamma* Linnaeus, 1753]. —Plumier in Burman, Pl. Amer., 2:pl. 45:fig. 2, 1756. —Lamarck, Encyc., 1:394, 1785. —J. Golding, Phytologia, 39:115, 1978.
= **Begonia repens** Lamarck, 1785.

Begonia roseo flore, folio orbiculari Plumier, Bot. Amer., 3: pl. 3, 1689–1697, ined.; in Tournefort, Inst. Rei Herb., app., :660, 1700; Cat. Pl. Amer., 2:20, 1703. —Linnaeus Sp. Pl., 2:1056, 1753 [= *Begonia obliqua* Linnaeus var. *delta* Linnaeus, 1753]. —Plumier in Burman, Pl. Amer., 2:pl. 45:main fig., 1756. —Lamarck, Encyc., 1:394, 1785.
= **Begonia rotundifolia** Lamarck, 1785.

Acetosa nigritarum Kamel in J. Ray, Herb. Philipp., 3(app):14, 1704. —Steudel, Nom. Bot., 1:104, 1821.
= **Begonia nigritarum** (Kamel) Steudel, 1821.

Sjukaido Kaempfer, Amoen. Exot. Fasc., 5:888, 1712. —Thunberg, Fl. Jap., :231, 1784 [= *Begonia obliqua* auct. non Linnaeus: Thunberg, 1784]. —Kaempfer, Icon. Select. Pl., :pl. 20, 1791. —Dryander, Trans. Linn. Soc., 1:164, 1791. [= *Begonia grandis* Dryander, 1791]. —Irmscher, Mitt. Inst. Allg. Bot. Hamburg, 10:492, 1939.
= **Begonia grandis** Dryander subsp. **evansiana** (Andrews) Irmscher, 1939.

Begonia hirsuta, flore albo, folio aurito, fructu cornato, Barrere, Hist. Fr. Equin., :21, 1741. —Linnaeus, Sp. Pl., 2:1056, 1753 [= *Begonia obliqua* Linnaeus var. *zeta* Linnaeus, 1753]. —Aublet, Hist. Pl. Guiane, 2:913, pl. 348, 1775.
= **Begonia hirsuta** Aublet, 1775.

Empetrum acetosum Rumphius f. *album* Rumphius, Herb. Amboinense, 5:457, pl. 169:fig. 2, 1747. —Merrill, Interp. Herb. Amboin., :379, 1917. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:471, 1984.

= **Begonia muricata** Blume, 1823.

Empetrum acetosum Rumphius f. *cordifolium* Rumphius, Herb. Amboinense, 5:457, 1747. —Merrill, Interp. Herb. Amboin., :379, 1917. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:471, 1984.
= **Begonia mollis** A. de Candolle, 1864.

Empetrum acetosum Rumphius f. *rubrum* Rumphius, Herb. Amboinense, 5:457, 1747.—Merrill, Interp. Herb. Amboin., :379, 1917. —L.B. Smith & D.C. Wasshausen, Phytologia, 54:471, 1984.
= **Begonia muricata** Blume, 1823.

Rumex sylvestris scandens, foliis cordato–angulatis ab altera parte majoribus Browne, Hist. Jam., :203, 1756, synonymo excluso. —O.E. Schulz in Urban, Symb. Antil., 7:6, 1911. —J. Golding, Phytologia, 45:246, 1980
= **Begonia glabra** Aublet var. **glabra**, 1775

Part II: Illustrated Key, Abridgment & Supplement.

The **Illustrated Key** was designed by Lyman B. Smith for *Begoniaceae Ed. 1*. It has been abridged, retaining only the couplet branches that are necessary to locate the new species. This supplement adds the new and corrected taxa.

ERRATA FOR BEGONIACEAE, ED. 1

The pages and couplet numbers references are from *Begoniaceae Ed. 1*.

Page 4: The text for the Main Key couplets 19-1 and 19-2 had been transposed. They should read as follows:
19-1. Inflorescence basally dichotomous (excluding pedicels). ..... Subkey 17
19-2. Inflorescence with a simple axis or none (excluding pedicel), non-dichotomous. ..... Subkey 18

Page 6 In couplet 24-1 of Subkey 2, delete Fig. 2.20, that photo is of **hirsutula** J.D. Hooker, 1871.

Page 7: In couplet 33-2 of Subkey 2, for **B. peltatifolia** use Fig.S52, (2;30-2), and delete Fig. 2.26, which is **B. concinna**.

Page 9: In couplet 16-1 of Subkey 3, for **B. ferramica** change Fig. No. 3.9 to Fig No. 3.10.

In couplet 17-1 of Subkey 3, for **B. triflora** change Fig. No. 3.10 to Fig No. 3.9.

Page 14: In couplet 25-1 of Subkey 4, for **B. cariocana** use Fig. S71, (4;25-1), to replace Fig. 4.19, that photo is **B. coriacea**.

Page 18: In couplet 13-1 of Subkey 5, correct the spelling to **B. platanifolia**.

Page 19 In couplet 45-1 of Subkey 5, delete **B. flaviflora**. It is Fig. S95, (8;70-1a).

Page 22: In couplet 6-2 of Subkey 8, delete **B. rajah**. It belongs in the second couplet 7-2, (Blade oblique or transverse with midnerve). It is Fig. S169, icon (20;4-2a).

Page 27: In couplet 17-1 of Subkey 9, delete **B. thomeana**, (its capsule wings are unequal and somewhat triangular). It is Fig S103, (9;15-2a).

Page 29: In couplet 5-1 of Subkey 10, delete Fig. 10.3 for **B. acetosa**, (its blades have a distinct symmetric apex and vestite petioles). It is Fig. 10.3, (11;28-1a).

Page 34 In couplet 39-2 of Subkey 12, for **B. oxysperma** add Fig. S124, (12;39-2).

Page 36: In couplet 17-1 of Subkey 13, Fig. 13.17 is the cultivated specimen Raynal No. 9709 of **B. longipetiolata**). Delete **B. squamulosa** it is Fig. S134, (14;18-2).

Page 37 In couplet 18-2, for **B. squamulosa** change Fig. 13.74 to Fig. S134, (14;18-2).

Page 39: In couplet 47-2 of Subkey 14, delete **B. squamulosa**. Fig. 14.31, is the type of *B. macura* a synonym of **B. longipetiolata**.

Page 40 In couplet 77-1 of Subkey 14, delete **B. hispidissima**, it is Fig 14.56, (15;4-2b). **Note:** The additional information in the A. Koorders-Schumacher plate 94,1922, requires this change. The

Main Key couplet 15-2 (Stem erect), should have been selected instead of couplet 15-1, (Stem repent).

Page 54: In couplet 31-2 of Subkey 19, delete **B. griffithiana**, (the larger basal lobe is not auriculate), it is Fig. S154, (19;20-1).

Page 55: In couplet 7-1 of Subkey 20, delete **B. eliasii** (its blades are not rounded or broadly subacute and apiculate at apex), it is Fig. S158, (20;47-2).

Page 57: In couplet 41-1 of Subkey 20, delete Fig. 20.23, that is **B. udisilvestris**. **B. carpinifolia** is Fig. S157, (20;41-1).

Page 63: In couplet 59-2 of Subkey 21, delete Fig. 21.21 and **B. bracteosa**. It does not belong in couplet 7-1 of the Main Key, or Subkey 21. It belongs in the second couplet 7-2, (Blade oblique or transverse with midnerve.). It is Fig. 21.21, (28;118-1a).

Page 67: In couplet 28-1 and 30-2 of Subkey 22, for **B. plebeja** use Fig. S164, (22;28-1), to replace Fig. 22.11, that is **B. lindleyana**.

In couplet 32-2 of Subkey 22, delete *B. fragilis* (it has only 2 pistillate tepals). It is **B. goudotii**, Fig S165, (22;31-2a).

Page 71: In couplet 25-2 of Subkey 23, delete **B. balansana**. The Main Key couplet 22-2, (Leaves separated), should have been selected instead of 22-1, (Leaves solitary). **B. balansana** is Fig 23.13, (25;25-1a).

In couplet 41-2 of Subkey 23, for **B. aborensis** use Fig. S168, (23;41-2) to replace Fig. 23.21, that is **B. arborescens**.

Page 74: In couplet 34-2 of Subkey 24, for **B. mucronistipula** use Fig S173, (24;34-2), to replace Fig. 24.15, that is **B. brevicyma**.

Page 76: In couplet 63-1 in Subkey 24, delete **B. oxysperma**, (its leaves are separated by distinct internodes). It is Fig. S124, (12;39-2).

Page 77: In couplet 88-1 of Subkey 24, delete **B. obsolescens**, (its leaves are separated by distinct internodes). It is Fig. S192, (26;78-2).

Page 79: In couplet 116-1 of Subkey 24, delete **B. decora**. (its blades are not unevenly cut, sublobate or angled). It is Fig. S175, (24;100-2).

In couplet 8-1 of Subkey 25, delete **B. pygmaea**, (its stems are erect). It is Fig. S201, (28;20-2).

Page 80: In couplet 15-2 of Subkey 25, delete **B. gemella**, it is Fig 25.8, (9;39-2a).
Note: The additional information in the A. Koorders-Schumacher plate 94,1922, requires this change. The Main Key couplet 7-1, (Blade straight), should have been selected instead of 7-2, (Blade oblique or transverse).

Page 84: In couplets 30-1 of Subkey 26, delete **B. bequaertii**, (its stem is erect). It is Fig. S199, (27;63-2).

Page 87 In couplets 78-1 of Subkey 26, delete **B. bequaertii**, (its stem is erect). It is Fig. S199, (27;63-2).

Page 89: In couplet 23-2 of Subkey 27, for **B. cumingii**, delete Fig. 27.11, that photo is the same as Fig. 16.10, which is **B. cumingiana**. **B. cumingii** is Fig. S196, (27;23-2).

Page 91 Delete **B. cristata** in couplet 54-1 of Subkey 27, it is Fig. 27.24, (30;116-1a).
Note: The additional information in A. Koorders-Schumacher plate 93, 1922, requires this change. In the Main key the couplet 27-2, (Inflorescence basally dichotomous.), should have been selected instead of 27-1, (Inflorescence with a central axis).

Page 92 Delete **B. cristata** in couplet 74-1 of Subkey 27, it is Fig . 27.24, (30;116-1a).

Page 94: In couplet 6-1 of Subkey 28, delete **B. bequaertii** (its blades are at least twice as long as wide). It is Fig. S199, (27;63-2).
In couplet 14-1 of Subkey 28, delete **B. parvula.** (its leaves are not separated by distinct internodes). It is Fig. S170, (23;54-1).

Page 95 In couplet 31-1 of Subkey 28, delete **B. koordersii**, it is Fig 28.16, (28;27-1a). Koorders-Schumacher plate 96, 1922, requires this change. The Subkey 28 couplet 26-1, (Blade-margin entire.), should have been selected instead of 26-2, (Blade-margins cut, pistillate tepals 5).

Page 101: In couplet 15.1 of Subkey 29, delete Fig. 29.4 and *B. phyllomaniaca*, (non species sed taxon hybridogenum). The photo Fig. 29.4 is of **B. manicata**.

Page 102: In couplet 21-1 of Subkey 29, delete Fig. No. 29.8 for **B. scharffii** replace it with Fig. S205, (29;21-1). Fig. 29-.8, (31;7-1) is for **B.scharffiana**.

Page 103: In couplet 47-1 of Subkey 29, delete **B. bequaertii** (its inflorescence is not basally dichotomous). It is Fig. S199, (27;63-2).

Page 104: In couplet 66-2 in Subkey 29, delete **B. oxysperma**, (its leaves are separated by distinct internodes). It is Fig. S124, (12;39-2).

Page 112: In couplet 7-1 of Subkey 31, Fig. 29.8, replace **B. scharffii** with **B. scharffiana** which is changed to Fig. 29.8, (31;7-1).

Page 113: In couplet 12-1 of Subkey 31, delete **B. parvula.** (Its leaves are not separated by distinct internodes). It is Fig. S170, (23;54-1).

In couplet 20-2 of Subkey 31, delete **B. paleata** Its blades are straight with the midnerve continuing the direction of the petiole. Fig. 31.10 is changed to Fig. 31.10, (10;6-2a).

Page 116: In couplet 21-1 of Subkey32, delete " to Costa Rica" and after Fig. 32.8 change from **B. involucrata** to **B. broussonetiifolia**.

Page 117: In couplet 38-2 of Subkey 32, delete **B. bequaertii** (its inflorescence is not basally dichotomous). It is Fig. S199, (27;63-2).

Page 119: In couplet 72-2 in Subkey 32, delete **B. oxysperma**, (its leaves are separated by distinct internodes). It is Fig. S124, (12;39-2).

In couplet 78-1 of Subkey 32, delete **B. parvula** (its leaves are not separated by distinct internodes). It is Fig. S170, (23;54-1).

Page 120: In couplet 91-1 in Subkey 32, delete **B. parvula.** (its leaves are not separated by distinct internodes). It is Fig. Fig. S170, (23;54-1).

Page 121: In couplet 102-2 in Subkey 32, delete **B. dominicalis**.(its blades are at least twice as long as wide). It is Fig. S209, (30;114-2a).

Page 126 In couplet 47-1 of Subkey 34, delete **B. flaviflora** . It is Fig. S95, (8;70-1a).

Page 128: In couplet 78-2 of Subkey 34, delete **B. dominicalis**. (its blades are at least twice as long as wide.) It is Fig. S209, (30;114-2a).

Page 191: Delete listing " *listeri* hort." non species sed taxon hybridogenum.

Page 208: Delete listing "oligophylla Blume" non Begonia sed = Chirita asperifolia *(Gesneriaceae)*.

Page 285: For Fig. 2.20, change **B. scutulum** to

B. hirsutula.

Page 286: Delete Fig. 2.26, which is **B. concinna**, and for **B. peltatifolia** use Fig.S52, (2;30-2).

Page 295: The names for Figs. 3.9 and 3.10 were transposed. They should be: Fig. 3.9 **B. triflora,** and Fig. 3.10 **B. ferramica**.

Page 310: Delete Fig. 4.19, **B. cariocana** that photo is the same as Fig. 2.30 which is **B. coriacea**. **B. cariocana** is Fig.S71, (4;25-1).

Page 338: In Fig. 7.16, **B. rotundifolia**, delete flower details in center of photo, they are the flowers of **B. obliqua**.

Page 377 For Fig. 13.17 change **B. squamulosa** to **B. longipetiolata**.

Page 386 For Fig 14.31 change **B. squamulosa** to **B. longipetiolata**.

Page 436: Delete Fig. 20.23 **B. carpinifolia**, that photo is the same as Fig. 29.24 which is **B. udisilvestris**. **B. carpinifolia** is Fig. S157, (20;41-1).

Page 448: For **B. bracteosa** change the Fig. 2.21 to Fig. 21.21.

Page 450 For Fig, 21.28, change **B. pseudisoptera** to **B. wrayi.**

Page 459: Delete Fig. 22.11 **B. plebeja**, that photo is the same as Fig 2.4 which is **B. lindleyana**. **B. plebeja** is Fig. S164, (22;28-1).

Page 472: Delete **B. arborensis** for Fig. 23.21 which is a duplicate of Fig. 20.3, **B. arborescens**.

Page 479: Delete Fig. 24.15 **B. mucronistipula**, that photo is the same as Fig. 24.12 which is **B. brevicyma**. **B. mucronistipula** is Fig. S173, (24;34-2).

Page 489: Fig. 25.10 correct spelling to **B. aridicaulis**.

Page 503: Delete Fig. 27.11 **B. cumingii** that photo is the same as Fig. 16.10, which is **B. cumingiana**. **B. cumingii** is Fig. S196, (27;23-2).

Page 528: For Fig 29.4 change *B. phyllomaniaca*, to **B. manicata**.

Page 529: For Fig. 29.8 change **B. scharffii** to **B. scharffiana**.

Page 558: For Fig. 32.8 change **B. involucrata** to **B. broussonetiifolia**.

Page 577: For Fig. S14 change *B. adolfi-friderici* to **B. poculifera**.

OLD SUPPLEMENTAL FIGURE NUMBERS

The illustrations of the old Supplemental Figures numbers S1 through S41, are in *Begoniaceae Ed. 1*. Added (within parentheses) are their location in the *Illustrated Key*, designated by the subkey number and the dichotomous couplet number, with either -1 for the first branch or -2 for the second branch.

Fig. No.	Location in Key	Name
S1	(2;4-2)	**B. pumilio**
S2	(2;30-2)	**B. speluncae**
S3, icon	(3;46-1)	**B. brongniartii**
S4, icon	(3;59-2)	**B. wageneriana**
S5	(4;7-1)	**B. leathermaniae**
S6, icon	(4;21-1)	**B. paranaensis**
S7, icon	(4;22-1)	**Hillebrandia sandwicensis**
S8	(4;46-2)	**B. imitans**
S9	(6;16-1)	**B. hymenophylloides**
S10	(9;17-2)	**B. wenzelii**
S11	(9;29-1)	**B. trichosepala**
S12	(9;29-2)	**B. reptans**
S13	(10;18-2)	**B. parishii**
S14	(14;38-2)	**B. poculifera**
S15	(14;58-2)	**B. inversa**
S16	(14;62-2)	**B. gossweileri**
S17	(8;34-1)	**B. herveyana**
S18	(18;58-2)	**B. ciliifera**
S19	(18;188-2)	**B. serraticauda**
S20	(18;28-2)	**B. gracilicaulis**
S21	(18;52-2)	**B. oblongifolia**
S22	(21;107-1)	**B. mystacina**
S23	(22;40-2) & 25; 61-2),	**B. carrieae**
S24	(22;42-1) & (24; 41-2).	**B. princeps**
S25	(24;18-1)	**B. paupercula**
S26, icon	(24;89-2), (26;110-2) .& (26;81-1)	**B. masoniana**
S27	(26;42-2)	**B. robinsonii**
S28	(26;51-1)	**B. anaimalaiensis**
S29	(26;51-2)	**B. pensilis**
S30	(27;17-1)	**B. borneensis**
S31	(27;20-2)	**B. dealbata**
S32	(27;59-2)	**B. murundensis**
S33	(27;90-1)	**B. tafaensis**
S34	(28;94-2) & (28;128-2)	**B. rupicola**
S35	(29;50-1)	**B. bufoderma**
S36	(30;107-1)	**B. juntasensis**
S37	(31;6-1)	**B. lowiana**
S38	(34;11-2)	**B. lomensis**
S39, icon	(34;65-2) & (34;86-2)	**B. chitoensis**
S40	(4;32-2)	**B. olbia**
S41, icon	(14;4-2)	**B. bonus-henricus**

NEW SUPPLEMENTAL FIGURE NUMBERS

This supplement places the new or revised species into the *Artificial Key to the Species of Begoniaceae* designed by Lyman B. Smith for *Begoniaceae Ed. 1*. His indented key with its dichotomous couplets separated the large groups of taxa into 34 subkeys.

The location of a species in the key is found by selecting one of the divergent branches of the dichotomous couplet that best describes the character of that taxa. Those with a copy of the original Key can follow, as we did, the path to locate the new or revised species in this supplement. For those without the original Key, the Main Key defining the subkeys is reproduced below, with the couplets numbers further identified by -1 for the first branch and -2 for the second branch.. The subkeys have been abridged to record only the selected couplet branches that define a character of the species. When necessary to insert a new taxa, the traditional dichotomous couplet is ramified into a tree with three or more branches that define the differing character(s) of the new taxa..These new tree branches are identified by adding to the replaced branch number, the letters a, b, or c, etc.

e. g. The following selections were made to place **B. minuta** M. Sosef, **B. duncan-thomasii** and **B. susaniae** :

From the **Main Key**:

1-2. Flowering plant foliaceous.
2-1. Blades peltate.
3-1. Leaves solitary or fasciculate . . . . . **Subkey 2**

From **Subkey 2** the following couplets were selected:

1-1. Inflorescence dense or with central axis, not basally and laxly dichotomous (excluding pedicels).
2-1. Axis of inflorescence elongate, exceeding the petioles.
3-2. Staminate tepals 2.
5-1. Inflorescence simple, racemose; blades coarsely dentate; stamens 4-5; capsule-wings strongly unequal.
5-1a. Inflorescence simple; blades entire; stamens 8-14; capsule-wings 4, ribbon-shaped, 0.1-0.4 wide . [Fig. S42]. . . . . **B. minuta**
5-2. Inflorescence compound; capsule-wings equal or slightly unequal.

11-1. Petioles shorter than the subacute blades; ovary vestite; capsule alate. [Fig. 2.7, non typus; Fig. S225] . . . . . **B. lacunosa**
11-2. Petioles longer than the acuminate blades; ovary glabrous; capsule exalate or narrowly alate; tepals yellow.
11-2a. Petioles subequal to blades; ovary very broadly obovate, somewhat hirsute with long white hairs and scattered minute glandular hairs; capsule alate, wings 4, these obovate to broadly obtriangular-obovate. [Fig. S44] . . . . . **B. duncan-thomasii**
11-2b. Petioles subequal to blades; ovary very shallowly to shallowly obtriangular, not hirsute; beak usually very distinct; capsule alate, wings 3 (-4), base cuneate.. [Fig. S45] . . . . **B. susaniae**

To insert [Fig S 42] **B. minuta**, the couplet 5 was replaced by the tree with the branches: 5-1, 5-1a, and 5-2.

To insert [Fig. S44] **B. duncan-thomasii** and [Fig. S45] **B. susaniae** the couplet 11 was replaced by the tree with the branches: 11-1, 11-2, 11-2a and 11-2b.

Artificial Key to the Species of Begoniaceae

THE MAIN KEY

1-1. Flowering plant leafless. . . . . **Subkey 1**
1-2. Flowering plant foliaceous.
2-1. Blades peltate.
3-1. Leaves solitary or fasciculate. . . . . **Subkey 2**
3-2. Leaves separated by distinct internodes. **Subkey3**
2-2. Blades basifixed.
4-1. Blades divided or strongly lobed.
5-1. Nerves digitate; blades mostly ovate and broadest below the middle.
6-1. Inflorescence dichotomous at base (exclusive of pedicels). . . . . **Subkey 4**
6-2. Inflorescence with simple axis or essentially none (exclusive of pedicels), the primary branches often dichotomously branched. . . . . **Subkey 5**
5-2. Nerves pinnate; blades mostly broadest near the middle. . . . . **Subkey 6**
4-2. Blades shallowly lobed to entire.
7-1. Blades Straight with midnerve continuing the direction of the petiole.
8-1. Neves digitate; blades mostly ovate ans broadest below the middle or orbicular or reniform.
9-1. Leaves solitary or fasciculate.
10-1. Blades orbicular or reniform, mostly without a distinct apex. . . . . **Subkey 7**
10-2. Blades ovate with the central nerve longer than the others. . . . . **Subkey 8**
9-2. Leaves separated by distinct internodes.
11-1. Stem repent or scandent. . . . . **Subkey 9**
11-2. Stem erect.
12-1. Blade rounded and without a distinct apex. . . . . **Subkey 10**
12-2. Blade with a distinct apex.
13-1. Apex symmetric. . . . . **Subkey 11**
13-2. Apex asymmetric. . . . . **Subkey 12**
8-2. Nerves pinnate; blades mostly broadest near the middle.
14-1. Leaves solitary or fasciculate. . . . . **Subkey 13**
14-2. Leaves separated by distinct internodes.
15-1. Stem repent or scandent. . . . . **Subkey 14**
15-2. Stem erect.
16-1. Blades symmetric. . . . . **Subkey 15**
16-2. Blades asymmetric.
17-1. Blades generally inequilateral. . . . . **Subkey 16**
17-2. Blades strongly asymmetric at base.
18-1. Blades dimidiate, one side decurrent on the petiole.
19-1. Inflorescence basally dichotomous (excluding pedicels). . . . . **Subkey 17**
19-2. Inflorescence with a simple axis or none (excluding pedicels), non-dichotomous . . . . . **Subkey 18**
18-2. Blades not dimidiate.
20-1. Inflorescence dichotomous at base (excluding pedicels).
21-1. Petioles vestite. . . . . **Subkey 19**
21-2. Petioles glabrous. . . . . **Subkey 20**
20-2. Inflorescence with a central axis or none (excluding pedicels). . . . . **Subkey 21**
7-2. Blades oblique or transverse with the midnerve making a distinct angle with the petioles.
22-1. Leaves solitary or fasciculate (herbarium specimens with large detached leaves belong here).

23-1. Staminate tepals 2. . . . . **Subkey 22**
23-2. Staminate tepals 3 or more, usually 4.
24-1. Inflorescence with a simple axis or none (exclusive of pedicels), non-dichotomous . . . . . **Subkey 23**
24-2. Inflorescence dichotomous at base. . . . . **Subkey 24**
22-2. Leaves separated by distinct internodes.
25-1. Stems repent or pendent.
26-1. Staminate tepals 2 . . . . . **Subkey 25**
26-2. Staminate tepals 3 or more, usually 4 . . . . . **Subkey 26**
25-2. Stem erect, at least the flowering.
27-1. Inflorescence with a central axis or none (exclusive of pedicels).
28-1. Blades at least twice as long as wide. . . . . **Subkey 27**
28-2. Blades less than twice as long as wide . . . . . **Subkey 28**
27-2. Inflorescence basally dichotomous or rarely more divided.
29-1. Blades at least twice as long as wide.
30-1. Petioles vestite. . . . . **Subkey 29**
30-2. Petioles glabrous or glabrescent. . . . . **Subkey 30**
29-2. Blades less than twice as long as wide.
31-1.Petioles vestite.
32-1. Bracts persistent. . . . . **Subkey 31**
32-2. Bracts deciduous. . . . . **Subkey 32**
31-2. Petioles glabrous or glabrescent.
33-2. Staminate tepals 2. . . . . **Subkey 33**
33-2. Staminate tepals 3 or more, usually 4. . . . . **Subkey 34**

ABRIDGED SUBKEYS AND SUPPLEMENT

SUBKEY 1

1-1. Inflorescence amply dichotomous, many-flowered; tepals glabrous; plant caulescent.
2-2. Staminate tepals 4.
3-2. Stem prostrate or subscandent.
4-1. The stem gray-crustose, to 4 m long, subscandent on low vegetation, hollow; internodes long; pedubcles lateral; capsule-wings very unequal.
4-2. The stem not crustose, short, prostrate; internodes short; peduncle terminal; capsule-wings subequal, all narrowly crescentiform. [Fig. 1.4 non typus, Fig. S224] ..... **B. compacticaulis**
1-2. Inflorescence not more than once dichotomous or subracemose, few-flowered leaves terminal.
5-2. Staminate tepals 4.
6-1. Outer staminate tepals glabrous.
6-2. Outer staminate tepals vestite. [Sine figura] ..... **B. orchidiflora**

SUBKEY 2

1-1. Inflorescence dense or with central axis, not basally and laxly dichotomous (excluding pedicels).
2-1. Axis of inflorescence elongate, exceeding the petioles.
3-2. Staminate tepals 2.
5-1. Inflorescence simple, racemose; blades coarsely dentate; stamens 4-5; capsule-wings strongly unequal.
5-1a. Inflorescence simple; blades entire; stamens 8-14; capsule-wings 4, ribbon-shaped, 0.1-0.4 wide. [Fig. S42] ..... **B. minuta**
5-2. Inflorescence compound; capsule-wings equal or slightly unequal.
6-1. Blades subentire, broadly rounded at base.
6-1a. Blades with a few distant and shallow blunt teeth in apical half, narrowly obovate to narrowly elliptic-obovate, base rounded. [Fig. S43] ..... **B. dewildei**
6-2. Blades strongly cut, cordate or subcordate.
2-2. Axis of the inflorescence very short; inflorescence dense or umbellate or subumbellate (including the pedicels), staminate tepals 2.
8-1. Blades bullate, entire or subentire.
9-2. Inflorescence about equaling the leaves or shorter; petioles vestite.
10-2. Blades dentate.
11-1. Petioles shorter than the subacute blades; ovary vestite; capsule alate. [Fig. 2.7, non typus], [Fig. S 225]. ..... **B. lacunosa**
11-2. Petioles longer than the acuminate blades; ovary glabrous; capsule exalate or narrowly alate; tepals yellow.
11-2a. Petioles subequal to blades; ovary very broadly obovate, somewhat hirsute with long white hairs and scattered minute glandular hairs; capsule alate, wings 4, these obovate to broadly obtriangular-obovate. [Fig. S44] ..... **B. duncan-thomasii**
11-2b. Petioles subequal to blades; ovary very shallowly to shallowly obtriangular, not hirsute; beak usually very distinct; capsule alate, wings 3 (-4), base cuneate. [Fig. S45] ..... **B. susaniae**
8-2. Blades even (at least not noted as bullate).
12-1. Blades distinctly cut, dentate, serrate, or crenate.
13-1. Capsule exalate or prismatic and very narrowly alate.
14-2. Blades serrate throughout; capsules exalate; petioles shorter than the oblique blades.
15-1. Blades elliptic-ovate.

15-1a. Blades circular or broadly elliptic to broadly elliptic-ovate with rounded apical part; petiole longer than the blades.[Fig. S46, icon] . . . . . **B. mbangaensis**
15-2. Blades broadly obovate or oblong-ovate.
12-2. Blades entire or subentire, sometimes slightly undulate.
19-1. Capsules exalate.
19-2. Capsules alate; petioles mostly longer than the blades,.
19-2a. Capsules trialate or rarely exalate; petioles shorter than blades. [Fig. S47] . . . . . **B. wilksii**
21-1. Nerves glabrous beneath; capsule subglobose, 3-4-angled.
22-1. Blades glandular-puberulent above; tepals bicolorous, one yellow, the other red.
22-1a. Blades glabrous to sparsely hirsute with short hairs in regular pattern on upper surface ovate to circular; upper tepals yellow to orange-yellow or orange-red, lower ones yellow. [Fig. S48] . . . . . **B. atroglandulosa** subsp. **atroglandulosa**
22-1b. Blades glabrous to sparsely hirsute, narrowly elliptic or narrowly ovate to transversely broadly elliptic-ovate; tepals white. [Fig. S49, icon] . **B. atroglandulosa** subsp. **tshelaensis**
22-2. Blades glabrous above; tepals uniformly yellow or orange.
21-2. Nerves vestite beneath.
24-1. Indument setose.
24-1a. Indument densely hirsute with rather short and antrorsely appressed hairs. [Fig. S50] . . . . . **B. adpressa**
24-1b. Indument hirsute to sparsely so with patent, stiff, usually red but sometimes whitish hairs, plu usually densely scattered minute glandular hairs. [Fig. S51] . . . . . **B. erectotricha**
24-2. Indument of fine hairs.
25-1. Ovary slender; umbo at least 1 cm above base of blade; blades 7-18 cm long; tepals 6-12 mm long.
25-1a. Ovary obtriangular-obovate; umbo ca. 4 cm from closest edge; blades gradually acuminate, upper surface medium to pale green with marked darker green to dark purple zones around main and larger secondary nerves. [Fig. S54] . . . . . **B. quadrialata** subsp. **nimbaensis**
25-1b. Ovary circular or broadly obovate to obovate to or elliptic, with 3 to 4 wings; tepals 8.5-17,5 mm long, 8.5-18 mm wide. [Fig. S55, icon] . . . . . **B. letouzeyi**
25-1c. Ovary elliptic to narrowly or narrowly elliptic-ovate; wings ribbon-shaped; leaves 6 to14 cm long; tepals 11-20.5mm long, 11.5 to 26.5 mm wide. [Fig. S56, icon] **B. pulcherrima**
25-2. Ovary broad.
1-2. Inflorescence basally dichotomous or more divided.
27-1. Petioles glabrous.
28-2. Umbo far from margin; blade-base broadly rounded.
31-1. Ovary 2-celled.
32-2. Inflorescence regularly dichotomous.
33-1. Inflorescence regularly dichotomous; capsule-wings 3, unequal, largest 1 cm wide others less than 5 mm wide.[Fig. 2.25] . . . . . **B. hernandioides**
33-2. Inflorescence regularly dichotomous; capsule-wings 3, unequal, largest 1.5 cm wide, others 8 mm wide. [Fig. S52] . . . . . **B. peltatifolia**
31-2. Ovary 3-celled.
34-2. Placentas simple.
36-2. Blades flat, even.
37-2. Blades entre or subentire.
38-2. Apex of blade.
39-2. Blades broadly rounded and apiculate or acuminate.
40-1. Bracts long-ciliate; blades subcircular, apiculate.
40-2. Bracts glabrous; blades oblong-ovate, acuminate. [Sine figura] . . . . . **B. wangii**
40-2a. Bracts glabrous, blades orbicular or orbicular-ovate. [Sine figura] . . . **B. nymphaeifolia**
27-2. Petioles notably vestite.

41-1. Umbo submarginal.
42-2. Blades minutely cut if at all.
44-2. Blades subcordate at base with overlapping lobes.
46-1. Bracts suborbicular to ovate, ciliate. [Sine figura] . . . . . **B. lobbii**
46-2. Bracts elliptic.
41-2. Umbo distant from blade-margin.
47-2. Blades inconspicuously ciliate.
49-2. Trichomes stellate.
50-1. Staminate tepals 2.
50-2. Staminate tepals 4. [Fig. S53] . . . . . **B. santos-limae**
49-2. Trichomes simple.
51-1. Staminate tepals 2.
52-2. Inflorescence regularly dichotomous.
53-2. Capsule-wings 3; blades evenly rounded except for the apex.
54-2. Mature blades entire, broadly rounded at base and flat, staminate tepals 2.
55-1. Stipules glabrous, broadly oblong; capsule-wings truncate above. [Sine figura] . **B. elmeri**
55-2. Stipules pilose.

SUBKEY 3

1-1. Inflorescence dense or with a central axis, not basally and laxly dichotomous (excluding the pedicels).
2-1. Axis of the inflorescence elongate, exceeding the leaves.
3-1. Staminate tepals 2.
4-2. Blades subcordate at base, strongly double-serrate
5-1. Petioles bearing fimbriate rings of flat trichomes; capsule-wings equal.
5-2. Petioles villous; capsule wings unequal.
5-2a. Petioles densely tomentose-lannate when immature, but sparingly so or glabrate with age. [Fig. S57] . . . . . **B. fonsecae**
3-2. Staminate tepals 4; capsule-wings very unequal.
6-2. Blades subentire.
7-1. Umbo median; inflorescence simple, racemous.
7-2. Umbo eccentric; inflorescence slightly branched.
7-2a. Umbo 14-30 mm from base; inflorescence symmetrically cymose, many flowered. [Fig. S58, icon] . . . . . **B. lyniceorum**
2-2. Axis of inflorescence very short; inflorescence dense or lax or one-flowered.
8-1. Fruit wingless or with all the wings very narrow, mostly slender and indehiscent; blades entire or subentire a at least on the basal half.
9-2. Blades flat, even (at least not bullate).
11-2. Fruit elongate.
12-1. Indument of peltate scales; staminate tepals 4.
13-1. Umbo submarginal; stamens about 8, styles 2.
13-1a. Umbo 4-6 mm from base; stamens about 45, styles 2. [in cultivated plants (2) 3, or 4]. [Fig. S59] . . . . . **B. karperi**
13-1b. Umbo 2-3 mm from base; stamens about 20, styles 3 (or 4?). [Fig. S60] . . . **B. rwandensis**
13-2. Umbo distant from blades-margin; stamens 18-20; styles 4.
12-2. Indument of simple hairs or bristles.
14-1. Petioles much shorter than the blades; umbo submarginal.
14-2. Petioles longer than the blades; staminate tepals 2.
14-2a. Petiole equal or longer than the blades; umbo 12-64 mm from the closest edge; fruit glabrous, very narrowly elliptic-oblong to elliptic. [Fig. S61] . . . . . **B. scapigera** subsp. **scapigera**

14-2b. Petiole equal or longer than the blades, fruit elliptic to circular or broadly obovate. [Fig. S62] . . . . . **B. scapigera** subsp. **australis**
8-2. Fruit with at least one broad wing, mostly dehiscent.
18-2. Blades asymmetric, straight or oblique.
27-1. Blades broadly ovate to orbicular.
28-1. Staminate tepals 2; ovary 4-alate.
28-1a. Staminate tepals 2; ovary 3-alate; tepals yellow or white. [Fig.S63] . . . . **B. heterochroma**
28-2. Staminate tepals 4.
27-2. Blades much longer than wide.
30-1. Stem erect, 1.5-2m high; blades entire, strongly oblique
30-1a. Stem more or less erect, sometimes lower portions decumbent and rooting; blades undulate and irregularly repand to remotely and shallowly crenate or serrate towards the apices. [Fig.S64, icon] . . . . . **B. amphioxus**
30-1b. Stem stout rhizome foliated part erect up to 7 cm; blades almost entire to finely serrate. [Fig. S65] . . . . . **B. zairensis** var. **zairensis**
30-2. Stem repent or scandent, slender; blades dentate.
1-2. Inflorescence basally and laxly once (excluding the pedicels) or more dichotomous.
32-2. Blades not lobed or with a single basal auricle.
35-2. Blades with a distinct protruding apex.
39-1. Blades symmetric.
40-2. Stems scandent or pendent or elongate.
41-2. Umbo about equidistant from rounded base and sides of the blade or the blade sub-cordate at the base.
42-2. Blades subentire, rounded at base.
44-1. Filaments longer than anthers
45-1. Umbo ½ the length of the blade above its base; outer staminate tepals ~5mm long; anthers ~2mm long.
45-1a. Umbo approximately ¼ the length of the blade; staminate tepals 2; anthers 1.5-2.5 (-3.8) mm long.[Fig. S66, icon] . . . . . **B. crateris**
45-2. Umbo ¼ or less the length of the blade above its base; outer staminate tepals 9-15 mm long; anthers 1-1.5 mm long.
39-2. Blades asymmetric.
50-1. Petioles glabrous or sparsely and evanescently vestite.
51-2. Blade-margins subentire
52-1. Staminate tepals 2.
53-1. Umbo subcentral, cultivated. origin unknown [Sine figura] . . . . . **B. macrotis**
56-2. Blade-base not at all indented.
60-2. Blades broadly rounded at the short end.
61-1. Staminate tepals 4.
61-1a. Staminate tepals 4; pistillate tepals 4. [Fig. S67, icon] . . . . . **B. setuloso-peltata**
61-1b. Staminate tepals 4; pistillate tepals 5. [Fig. S228, icon] . . . . . **B. jureiensis**
61-2. Staminate tepals 2. [Sine figura] . . . . . **B. baramensis**
61-2a. Staminate tepals 2; pistillate tepals 2. [Fig. S68, icon] . . . . . **B. sinofloribunda**

SUBKEY 4

1-2. Blades simple.
7-2. Petioles glabrous or with generally distributed trichomes.
8-1. Lobes obtuse, broadly subacute, or apiculate.
9-1. Blade with its longest nerve strongly oblique to transverse to the petiole.
10-1. Blade-base emarginate to broadly cuneate.
11-2. Lobes all broadly subtriangular or ovate.

13-1. Stipules deciduous; blades doubly dentate; inflorescence 2-3 times dichotomous.
13-2. Stipules persistent; blades uniformly dentate; inflorescence once dichotomous.
13-2a. Stipules persistent; blades shallowly cordate; digitate, 3-4 lobed; inflorescence 4-dichotomous.[Fig. S69] . . . . . **B. serranegrae**
14-1. Stems and leaves hispid.
14-1a. Stem glabrous; leaves, above thinly covered with minute hairs with red bases, below nerves covered with rusty-brown hairs between the nerves moderately covered. [Fig. S70, icon] . . . . . **B. roseibractea**
14-2. Stem and leaves glabrous.
10-2. Blade-base strongly cordate.
15-2. Leaves separated by long internodes, stem erect.
18-1. Lobes rounded.
18-1a. Lobes rounded, large 1 or 2; blade cordate at base. [Fig. S247] . . . . . **B. rufa**
18-2. Lobes acute.
19-1. Lobes again lobed. [Sine figura] . . . . . **B. langbianensis**
19-2. Lobes not more than dentate.
20-2. Blades 2-4 lobed.
24-2. Inflorescence dichotomous at base.
25-1. Smaller capsule-wings subtriangular; inflorescence 4-5 times dichotomus; blades 2. lobed. [Fig. S71] . . . . . **B. cariocana**
25-2. Smaller capsule-wings narrowly crescentiform; blades 3-4 -lobed.
9-2. Blade with its longest nerve nearly or quite continuing the direction of the petiole or the nerves subequal.
27-1. Stem long, leafy, exceeding the basal leaves.
28-2. Blades shallowly cordate or with broad rounded sinus.
30-1. Inflorescence to 7 times dichotomous; flowers more than 100; tepals 4 mm long. [Fig. S249] . . . . . **B. parviflora**
30-2. Inflorescence 3-5 times dichotomous.
27-2. Stem a tuber or short rhizome or when erect then shorter than the basal leaves.
33-2. Blades 7-20 cm long.
36-2. Lobes short & broad.
37-2. Blades basally cordate; lobes serrulate; staminate tepals 2.
39-1. Blade shallowly cordate: lobes longer than wide.
39-1a. Blades very shallowly cordate to occasionally deeply cordate; palmately lobes, shorter than wide. [Fig. S72, icon] . . . . . **B. almedana**
39-2. Blades deeply cordate with overlapping basal lobes; lobes as broad as or broader than long.
8-2. Lobes attenuate or long-acuminate.
41-2. Petiole-apex without a ring of trichomes; stem-internodes elongate or leaves and peduncle fasciculate from a tuber.
42-1. Flowering stem-internodes single or 2 with terminal one usually larger.
43-1. Leaf-lobes (some of them) again lobed.
44-1. Blade symmetric, straight; lobes 3—7.
45-1. Basal sinus very shallow, acute lobes narrow, to 3 times as long as wide, sharply lobed.
46-1. Capsule oblong, wings linear.
46-2. Capsule ovoid, unequally trialate.
46-2a. Capsule elliptic, unequally trialate, largest ala linguiform; petiole and blade upper side red-dotted.[Fig. S73, icon] . . . . . **B. rubropunctata**
44-2. Blades asymmetric, strongly oblique to transverse to the petiole.
47-2. Blades straight-cordate.
48-2. Inflorescence only once dichotomous.
50-2. Basal sinus shallow, acute.

51-1. Internodes one or none.
51-1a. Internodes none; stem, petioles and peduncles, with sparse reflex red-scaled. [Fig.S74, icon] . . . . . **B. reflexisquamosa**
51-2. Internodes 2 or more.
43-2. Leaf-lobes unlobed, serrulate to duplicate-dentate.
52-1. Blades 3-5-lobed, at least some oblique.
53-1. Inflorescence 2-3 times dichotomous; blades all strongly oblique.
53-1a. Inflorescence twice dichotomous; blade straight, almost circular, 3 (—4) lobed, middle lobe oblong-lanceolate, side lobes ovate-oblong. . . . . [Fig. S75, icon] . . . . . **B. cucurbitifolia**
53-2. Inflorescence once dichotomous; some blades straight.
53-2a. Inflorescence dichasium; blades straight; capsule narrowly trialate. [Fig. S76, icon] . . . . . **B. emeiensis**
53-2b. Inflorescence monochasium or dichasium; blades straight, capsule trialate, largest oblong tip truncate-rounded, other two smaller unequally oblique semi-circular. . . . . [Fig. S77, icon] . . . . . **B. paucilobata**
53-2c. Inflorescence terminal cyme; blades straight; capsule oblong, hirsute, unequally trialate, largest tongue-shaped, the others oblong. [Fig. S78, icon] . . . . **B. maguanensis**
53-2d. Inflorescence formed in an axillary dichasium; blades straight; capsule-wings unequally trialate, lateral wings often inconspicuous or vanishing, wing on the back side tongue-shaped, 3-5 cm. long.. [Fig. S237, icon] . . . . . **B. longialata.**
54-1. Blades cut not more than half-way to base, cordate at base.
55-1. Inflorescence twice dichotomous.
55-1a. Inflorescence more than twice dichotomous; pistillate tepals 4; capsule ovate-circular, 3 wings one wider than the others. [Fig. S79] . . . . . **B. antsiranensis**
55-2. Inflorescence once dichotomous; ovary wings as broad as or broader than high.
54-2. Blades deeply cut, emarginate at base.
56-1. Lobes lanceolate, curved, to 18 cm long and 5 cm wide. . . . . [Fig. S230, icon] . . . . . **B. laminariae**
56-2. Lobes narrowly lanceolate, to 12 cm long and 2.5 cm wide.
42-2. Flowering stem internodes 3 or more, usually decreasing in size upward.
57-1. Inflorescence 4-7 times dichotomous.
58-2. Outer staminate tepals broad, 3-7 mm long.
59-2. Inflorescence 4-5 times dichotomous.
60-1. Blades deeply cordate at base. [Fig. 4.48, non typus] . . . . . **B. wollnyi**
60-1a. Blades deeply cordate at base; staminate tepals 4, pistillate tepals 5. . . . . [Fig. S253] . . . . . **B. wollnyi**
60-2. Blades emarginate at base.
57-2. Inflorescence 1-3 times dichotomous.
61-2. Blades 2-5-lobed or more with additional lobes much reduced.
65-1. Stipules deciduous.
66-2. Ovary alate.
68-1. Inflorescence 3 times dichotomous.
68-1a Inflorescence twice dichotomous; staminate tepals 4; pistillate tepals 3; ovary unequally 3-alate. [Fig. S80, icon] . . . . . **B. lithophila**
68-2. Inflorescence only once dichotomous.
65-2. Stipules persistent.
70-1. Staminate tepals 2.
71-1. Blades glabrous, straight, ovate, 3-lobed.
71-2. Blades vestite, oblique to transverse.
71-2a. Blades vestite, straight, lobes cut more than half-way to the base, with hispid hairs. [Fig. S81] . . . . . **B. marnieri**

SUBKEY 5

1-1. Inflorescence compound, paniculate with a central axis, sometimes foliaceous-bracteate.
2-2. Blades simple.
5-1. Staminate tepals 4.
6-1. Bracts small.
7-1. Blades suborbicular, slightly oblique to the petiole.
7-1a Blades symmetrical with midnerve continuing the direction of the petiole. . . . . [Fig. S82] . . . . . **B. lemurica**
7-2. Blades ovate; transverse to the petiole.
1-2. Inflorescence simple.
16-1. Blades deeply cut to compound.
17-1. Lobes numerous, blade dissected, broadly ovate; staminate tepals 4.
17-1a. Lobes small, narrow , acute; blade twice pinnately divided. [Fig. S83] . . . . . **B. monicae**
17-2. Lobes or leaflets 2-5, broad; staminate tepals 2.
16-2. Blades not lobed more than 3/4 to base.
21-1. Staminate tepals 2.
22-2. Plant caulescent.
23-1. Leaves vestite.
23-2. Leaves soon glabrous.
23-2a. Leaves glabrous, obliquely palmate, base deeply cordate. [Fig. S84] . . . . **B. cladocarpoides**
23-2b. Leaves glabrous, blades ovate, transverse, shallowly cordate, entire. [Fig. S85] **B. windischii**

SUBKEY 6

1-2. Blades straight or sessile, the central nerve continuing the direction of the petiole when present.
5-1. Blades cut nearly or completely to the costa; petioles less than 1 cm long.
6-1. Basal lobes dissected; blades ample at base.
7-1. Inflorescence clearly dichotomous, terminal; staminate tepals 2. [Sine figura] . . . . . **B. kelliana**
7-2. Inflorescence few-flowered, not clearly dichotomous, often axillary; stipules persistent.
5-2. Blades nowhere cut more than 3/4 toward the costa.
13-1. Blades ample 30 -70 mm. wide.
14-2. Lobes serrate.
15-2. Blades petiolate.
16-1. Plants tuberous; leaves simple; blades few-lobed.
16-2. Plants caulescent; leaves several; blades 5-13 lobed.
16-2a. Plants with extremely short stem; blades subrhomboid, indistinctly three lobed. . . . . [Fig. S86] . . . . . **B. keraudrenae**

SUBKEY 7

1-1. Tepals of both staminate and pistillate flowers unknown
1-1a. Tepals unknown; leaf-blade very large; inflorescence dichotomous; capsule two-celled, unequally trialate, larges oblong apex sub-truncate, others narrowly lunate. . . . . [Fig. S89, icon] . . . . . **B. megalophyllaria**
1-2. Tepals not more than 5.
3-1. Staminate tepals 2.
4-1. Blades orbicular.
5-1. Inflorescence dichotomous at base.
5-1a. Inflorescence cyme, four times dichotomous; blade almost circular, apex acuminate or acute; pistillate tepals 2. [Sine figura] . . . . . **B. xishuiensis**
5-2. Inflorescence not dichotomous.

6-1. Inflorescence unbranched, 1-2. flowers.
6-1a. Inflorescence unbranched, 2-3 flowers; blades apiculate. [Fig. S87] ..... **B. tsaratananensis**
6-2. Inflorescence with long central axis and many secund flowers.
3-2. Staminate tepals 4 or rarely 3.
13-2. Leaves distinctly petiolate.
14-1. Blades reniform, distinctly wider than long.
15-2. Margins crenate.
17-2. Blades even.
18-2. Base rhizomatous; stipules numerous.
20-1. Leaves long-villous on stipules and undersides of nerves.[Sine figura] .... **B. longovillosa**
20-2. Leaves sparsely pilose.
14-2. Blades orbicular, about as wide as long.
22-2. Leaves distinctly petiolate.
23-1. Margins duplicate-serrate.
24-1. Blades strongly cordate.
24-2. Blades shallowly cordate.
24-2a. Blades subcordate, margins unequally duplicate or simply denticulate; pistillate tepals 2. [Sine figura] ..... **B. xingyiensis**
23-2. Margins crenate to subentire.
27-1. Blades deeply cordate.
28-1. Peduncles about equaling the leaves; capsule-wings subequal; ovary 2-celled. [Sine figura] ..... **B. orbiculata**
28-2. Peduncles exceeding the leaves.

SUBKEY 8

1-1. Inflorescence dichotomous at base (excluding pedicels).
2-1. Base of blade strongly cordate.
3-1. Auricles overlapping.
4-1. Petioles glabrous.
4-1a. Petioles glabrous; pistillate tepals 5, staminate tepals 4. [Fig. 88] ..... **B. bosseri**
4-2. Petioles vestite.
5-2. Blades asymmetric.
6-1. Inflorescence 1-3 times dichotomous.
6-1a Inflorescence 2 times dichotomous; blades sparse and long hirsute on the upper surface, margins long ciliate. [Fig. S90, icon] ..... **B. longiciliata**
6-1b. Inflorescence dichasium with 20 flowers; blades rugose; staminate tepals 4, exterior 2, larger ovate-lanceolate tip acute; pistillate tepals 5, tips acute. ..... [Fig. S234, icon] ..... **B. acutitepala**
6-2. Inflorescence non-dichotomous; blades even.
6-2a. Inflorescence cyme with 4-8 flowers; margin densely serrate, long ciliate, often inconspicuous lobed. [Sine figura] ..... **B. oreodoxa**
3.2. Auricles not overlapping.
7-1. Ovary 2-celled.
8-1. Margins evenly and minutely serrulate.
8-2. Margins with alternating large and small teeth.
8-2a. Margins with scattered unequally triangular teeth. [Fig. S91, icon] ..... .**B. longanensis**
7-2. Ovary 3-celled
9-1. Blades inequilateral.
10-1. Inflorescence once dichotomous; fruit very unequally alate; bracts persistent.
10-1a. Inflorescence axillary, divided into 3 - 4 flowered dichotomous cymes; capsule 3-winged, one protruding much more than others; staminate tepals 4; pistillate tepals 5. .....

[Fig. S92. icon] ..... **B. formosana** var **formosana**
10-2. Inflorescence twice or more times dichotomous.
11-2. Staminate tepals 2. [Sine figura] ..... **B. summoglabra**
9-2. Blades equilateral.
12-2. Staminate tepals 4.
13-2. Capsule-wings unequal.
14-1. Peduncle only 35 mm long.
14-2. Peduncle elongate, exceeding the leaves.
14-2a. Peduncles 10-25 cm long, more than twice exceeding the leaves; pistillate tepals 3(4); capsule very unequally trialate. [Fig. S93, icon] ..... **B. guishanensis**
2-2. Base of blade shallowly cordate or retuse to cuneate.
15-2. Blades acute to acuminate.
21-2. Staminate tepals 4.
25-1. Blades asymmetric.
27-2. Blades obliquely and shallowly cordate.
28-1. Inflorescence once dichotomous; petioles glabrous.
28-2. Inflorescence more than once dichotomous; petioles lacerate-lepidote.
28-2a. Inflorescence dichasium on 2 peduncles, profusely flowering; petioles tomentose; capsule club-shaped, 4-5 cm long. [Fig. S233, icon] ..... **B. longicarpa**
1-2. Inflorescence not dichotomous at base, its axis simple. or lacking (irrespective of pedicels).
37-1. Base of blade shallowly cordate to broadly cuneate.
38-1. Staminate tepals 2.
39-2. Blades equal on petiole.
40-2. Blades rounded or shallowly cordate at base.
42-1. Inflorescence paniculate, 11cm long.
42-1a Inflorescence glabrous thyrse, main axis geniculate. [Fig. S229, icon] ..... **B. siccacaudata**
42-2. Inflorescence simple, few flowered.
43-1. Petioles to 15 cm. long; blades to 12cm. long.
43-1a. Petioles longer than 12 cm long blades; pistillate tepals 2. [Fig. S94] .... **B. bekopakensis**
43-1b. Petioles 6-9 cm long; blades 4.5 - 10 cm long; pistillate tepals 2; ovary 2-chambered, placentas segmented.[Sine figura] ..... **B. chishuiensis**
43-2. Petioles to 3.5 cm long; blades to 2.2 cm long; placentas bilamellate.
38-2. Staminate tepals 4.
44-2. Flowers in a raceme.
46-2. Blades distinctly longer than broad.
47-1. Blades oblique at base; connective extended and greatly dilated.
47-2. Blades symmetric; connective little if at all extended.
47-2a. Blades long-ovate; connective emarginate; flowers in a cyme; ovary irregularly trialate, largest wing triangular, the others lunate. [Sine figura] ..... **B. rongjiangensis**
37-2. Base of blade deeply cordate.
49-2. Staminate tepals 2. or 4; pistillate tepals mostly 2. or 5.
58-1. Blade-margin uniformly rounded and dentate or crenate.
59-1. Staminate tepals 2; blades bullate, variegated.
59-1a. Staminate tepals 2; blades glabrous on both sides, entire or isolated dentate. ..... [Fig. S246, icon] ..... **B. lacustris**
59-2. Staminate tepals 4
58-2. Blade-margin irregularly cut.
65-2. Base non-tuberous.
66-1. Petioles strongly vestite.
67-2. Blades acute.
68-1. Peduncle much exceeding the petioles; outer staminate tepals subacute.
69-1. Outer staminate tepals entire.

69-1a. Outer staminate tepals entire, outside hirsute at base, broadly ovate apex rounded; interior tepals oblong. [Fig. S96, icon] . . . . . **B. brevisetulosa**
69-2. Outer staminate tepals serrate.
68-2. Peduncle about equaling the petioles.
70-1. Blades asymmetric at base.
70-1a. Blade obliquely ovate-cordate; pubescent on leaves, pedicels, outer tepals and ovaries. [Fig. S95, icon] . . . . . **B. flaviflora** var **flaviflora**
70-1b. Blades unequal-sided, obliquely ovate, somewhat glabrous; staminate tepals 4. . . . . [Fig. S97, icon] . . . . . **B. xinyiensis**
70-2. Blades symmetric.

SUBKEY 9

1-1. Blades without a distinct apex, orbicular or reniform; staminate tepals 4.
2-1. Rhizome slender, with long internodes
3-1. Pedicels very short, exceeded by the denticulate bracts. [Sine figura] . . . . . **B. pyrrha**
3-2. Pedicels elongate; bracts inconspicuous.
4-1. Basal blade-lobes overlapping.
4-1a. Basal blade-lobes with narrow side rounded, wider side auriculate; pedicels 1-2. cm long; bracts ovate-lanceolate 8-10 mm long. [Fig. S99, icon] . . . . . **B. ruboides**
4-2. Basal blade-lobes free.
5-1. Inflorescence much exceeding the leaves.
5-1a Inflorescence exceeding the leaves by 2-4 times; capsule ellipsoid, wings subovate, one larger than other two. [Fig. S98] . . . . . **B. soli-mutata**
5-2. Inflorescence about equaling to much shorter than the leaves.
2-2. Rhizome stout with short internodes.
7-2. Blades glabrous beneath or vestite chiefly on the nerves.
9-2. Margins sparsely denticulate to undulate or entire.
10-1. Petioles up to 30 cm long, glabrescent.
10-2. Petioles 4-9 cm long, crisply ferruginous-pilose
10-2a. Petioles 4-15 cm long, thickly red-crisped-villous. [Fig. S100, icon] . . . . . **B. gulinqingensis**
10-2b. Petioles 5-8 cm long, sparsely minutely hispid. [Fig. S101, icon] . . . . . **B. sinobrevicaulis**
1-2. Blades with distinct apex, the midnerve longer than the lateral.
11-1. Blades symmetric or subsymmetric.
12-1. Inflorescence with central axis or none (at least in the pistillate), not dichotomous at base, irrespective of the pedicels.
13-1. Capsule-wings very unequal.
14-1. Blades ovate.
15-1. Blades subentire, truncate or retuse at base.
15-2. Blades duplicate dentate, cordate. [Fig. S238, icon] . . . . . **B. flagellaris**
15-2a. Blades obtusely serrate; deeply cordate; ovate to broadly-ovate; capsule unequally trialate, largest wide, somewhat triangular-elliptic, others smaller narrow. . . . . [Fig. S103] . . . . . **B. thomeana**
13-2. Capsule-wings subequal.
13-2a. Capsule-wings subequal, 5; staminate tepals 4,. [Fig. S102] . . . . . **B. stictopoda**
16-1. Capsule-wings equal, 3, oblong-lanceolate, acuminate; staminate tepals 2. . . . . [Sine figura] . . . . . **B. yappii**
16-1a Capsule-wings equal, 3, oblique, broadest at the apex; tepals unknown. . . . . [Fig. S106, icon] . . . . . **B. corneri**
16-1b Capsule-wings unequal, 3, obliquely triangular; tepals unknown. . . . . [Fig. S104, icon] . . . . . **B. fengii**
16-2. Capsule-wings rounded.

12-2. Inflorescence dichotomous at base.
18-1. Base of blade deeply cordate.
19-1. Petioles and nerves of blades beneath red-pilose.
20-1. Staminate tepals 2; blades 80 cm wide.
20-2. Staminate tepals 4; blades 6 cm wide.
20-2a. Staminate tepals 4; blades 9-11 cm wide; pistillate tepals 4; capsule unequally trialate. [Fig. S105, icon] . . . . . **B. malipoensis**
20-2b. Staminate tepals 4; blades 6-9.5 cm wide; pistillate tepals 5; capsule almost equally trialate. [Fig. S107, icon] . . . . . **B. rotundilimba**
19-2. Petioles nearly or completely glabrous.
21-1. Petioles completely glabrous.
21-2. Petiole with a ring of trichomes at apex. [Sine figura] . . . . . **B. sublobata**
11-2. Blades strongly asymmetric.
30-1. Inflorescence with a central axis or none.
31-1. Margins closely duplicate-dentate or serrate.
32-2. Staminate tepals 4; petioles vestite.
33-1. Peduncles much shorter than the petioles.
33-1a. Peduncles shorter than the petioles; pistillate tepals 4,trialate, two long almost equal, other smaller. [Fig. S108, icon] . . . . . **B. pingbienensis**
33-2. Peduncles equaling to exceeding the petioles.
31-2. Margins remotely serrate and undulate to entire.
35-1. Blade strongly cordate at base; fruit wingless.
35-1a. Blade unequally cordate, one lobe much larger; fruit unequally trialate, oblong. [Fig. S109] . . . . . **B. vuijckii**
35-1b. Blade obliquely cordate; fruit unequally trialate, obovate, nodding. [Fig. S110, icon] . . . . . **B. daweishanensis**
35-1c. Blade exceedingly obliquely cordate; fruit equally trialate, rhombic [Fig. S236, icon] . . . . . **B. ceratocarpa**
35-2. Blade cuneate to retuse at base.
36-2. Inflorescence short, few flowered.
38-2. Fruit broadly alate.
39-1. Blades rounded at base ~8 cm long.
39-2. Blades retuse at base.
39-2a. Blades subcordate; fruit subequally trialate, wings semi-orbicular; staminate tepals 2. . . . . [Fig. 25.8] . . . . . **B. gemella**
30-2. Inflorescence dichotomous at base.
40-1. Margin duplicate-serrate or irregularly cut.
41-1. Petioles 8-18 cm long, shorter than the peduncles.
42-1. Outer staminate tepals crip-pilose. [Sine figura] . . . . . **B. cirrosa**
42-2. Outer staminate tepals glabrous.

SUBKEY 10

1-1. Internodes short and stout, much shorter than the petioles.
2-1. Blades (mature) entire or subentire or slightly undulate distinctly cut.
3-2. Ovary 3-celled.
4-2. Staminate tepals 4.
5-2. Petioles strongly vestite.
6-1. Blades symmetrical.
6-2. Blades asymmetric, subcircular, basal lobes not overlapping; petiole and underside of nerves green [Fig. 10.4] . . . . . **B. acida**
6-2a. Blades asymmetric, rounded-kidney shaped, lobes not overlapping; petiole and underside of

nerves red. [Fig. 31.10] . . . . . **B. paleata**
2-2. Blades distinctly cut.
7-2. Staminate tepals 4.
8-2. Blades deeply cordate.
9-1. Basal lobes of blades overlapping.
9-1a. Basal lobes of blades overlapping; blades deeply cordate, sinuate-lobate with acute projections on all sides, serrulate. [Fig. S111] . . . . . **B. euryphylla**
9-2. Basal lobes of blades free.
10-2. Petioles slender, subglabrous to 2. cm long.
11-2. Blades symmetric or nearly so.
13-1. Inflorescence dichotomus at base.
14–1 Staminate tepals 2.
15-1. Ovary 3-celled, wingless.
15-2. Ovary 2-celled. [Sine figura] . . . . . **B. flaccidissima**
14-2. Staminate tepals 4.
16-1. Blades entire or subentire.
17-1. Capsule-wings unlike, the larger triangular, the two smaller rounded marginiform; ovary 3-celled.
17-2. Capsule-wings all sharply angled; ovary 2-celled. [Fig. S112] . . . . . **B. andamensis**
16-2. Blades coarsely cut.
18-1. Cauline leaves petiolate. [Sine figura] . . . . . **B. parvuliflora**
13-2. Inflorescence not dichotomous at base; axis central or none.
19-2. Flowers single or few; axis small or none.
21-1. Bracts small, entire, glabrous, often deciduous.
22-2. Styles and ovary cells 3.
23-1. Stems less than 2 cm long; staminate tepals to 4.5 mm long.
23-2. Stems elongate, often branched; staminate tepals to 15 mm long.
23-2a. Stems 18-25 cm high; staminate tepals 4; exterior 2 oblong or broadly ovate, 1.2 cm long, 1 cm wide; interior 2 obovate, 7 mm long, 5 mm wide. [Sine figura] . . . . . **B. glechomifolia**

SUBKEY 11

1.1 Inflorescence with central axis or none, not dichotomous at base.
2-1. Inflorescence unisexual, the pistillate 3-flowered.
3-1. Peduncle short or none.
3-2. Peduncle elongate. [Fig. S113, icon] . . . . . **B. leptoptera**
2-2. Inflorescence bisexual.
4-1. Petioles vestite.
5-2. Bracts and stipules crenate to entire or deciduous.
6-2. Base a tuber or stout rhizome.
7-1. Tepals 3-4 mm long.
7-1a. Tepals 8-10 mm long; staminate 4; pistillate 3 or 4. [Fig. S114, icon] . . . . . **B. rhodophylla**
7-2. Tepals 14-40 mm long.
8-1. Staminate tepals subequal, 40 mm long.
8-2. Staminate tepals very unequal. the outer ones 27 mm long.
8-2a. Staminate tepals very unequal, outer two ovate-subcircular 20 mm long, inner 2 elliptic 12 mm long. [Fig. S115, icon] . . . . . **B. purpureofolia**
4-2. Petioles glabrous or glabrescent.
9-1. Capsule-wings equal, narrowly triangular.
9-1a. Capsule-wings equal triangular, truncate, rounded attenuate at the base. . . . . .[Fig. S243, icon] . . . . . **B. lazat**

9.2. Capsule-wings unequal.
10-2. Blades longer than broad.
12-1. Margin entire.
12-1a. Margin scarcely crenate; blades narrowly linear. [Sine figura] ..... **B. linearifolia**
12-2. Margin dentate.
12-2a. Margin dentate; blades unequal-sided, subelliptic-acute. [Sine figura] ..... **B. alcarrasica**
1-2. Inflorescence dichotomous or trichotomous at base.
13-1. Margins densely and irregularly cut.
14-1. Petioles strongly vestite.
15-2. Petioles not glandular.
16-1. Bracts fimbriate; inflorescence few-flowered.
16-1a. Bracts imbricate, very conspicuous, crowded pink or red glandular; inflorescence condensed. [Fig. S116, icon] ..... **B. kinabaluensis**
16-2. Bracts entire.
17-1. Blades subsessile; inflorescence few-flowered. [Sine figura] ..... **B. pilosa**
17-2. Blades petiolate; inflorescence to 5 times dichotomous.
17-2a. Blades petiolate; inflorescence dichasium, 2-flowered. [Fig. S117, icon] .... **B. polytricha**
14-2. Petioles glabrous or glabrescent.
18-2. Capsule-wings strongly unequal.
21-1. Ovary 2-celled.
22-1. Blades ovate, obtuse.
22-2. Blades triangular-ovate. [Fig.118] ..... **B. burmensis**
13-2. Margins regularly cut to entire.
24-1. Petioles strongly vestite.
25-2. Fruit alate.
27-1. Capsule-wings equal, narrowly triangular, spreading.
27-1a. Capsule-wings subequal, triangular to arculate-deltate. [Fig. S119, icon] ..... **B. imbricata**
27-2. Capsule-wings unequal.
28-1. Inflorescence twice dichotomous; stipules and blades entire. [Fig. S120] ..... **B. tsimihety**
28-1a. Inflorescence more than twice dichotomous; staminate tepals 4. [Fig. 10.3, icon] . **B. acetosa**
28-2. Inflorescence once dichotomous.

SUBKEY 12

1-1. Inflorescence with a central axis or none.
2-1. Petioles strongly vestite.
3-1. Peduncles much shorter than the petioles.
4-1. Blades obtuse to broadly rounded; base of plant multi tuberous. [Sine figura] ..... **B. notata**
4-2. Blades acute or acuminate.
2-2. Petiole glabrous or glabrescent.
11-1. Inflorescence terminal only.
12-1. Blades strongly cordate.
13-2. Blades ovate with broadly acute to acuminate apex.
14-2. Largest capsule-wing much wider than high.
15-1. Stem very short.
15-2. Stem elongate.
15-2a. Stem 0.5 to 1 m tall with decumbent branches. [Sine figura] ..... **B. leivae**
11-2. Inflorescence partly or all lateral.
19-2. Inflorescence axillary.
20-1. Blade dimidiate with one side adnate to the petiole; staminate tepals 2.
20-2. Blade not dimidiate; staminate tepals 4.
20-2a. Blades truncate at base; staminate tepals 4; pistillate tepals 5. [Fig. S121] **B. razafinjohanyi**

21-1. Bracts deciduous.
22-2. Blades rounded or retuse at base.
24-1. Stem shorter than petioles.
24-2. Stem longer than petioles.
24-2a. Stem more than twice as long as petioles; stoloniferous with subglobose tubers; staminate and pistillate tepals 2. [Fig. S123] . . . . . **B. ravenii.**
21-2. Bracts persistent; staminate tepals 4.
25-1. Petioles 7 cm long; stems ca. 20 cm long; fruit wingless.
25-2. Petioles 5-8 cm long.
25-2a. Petioles 10 cm long; capsule trigone trialate; blades semicordate ovate-oblong acuminate, scarcely denticulate. [Fig. S122] . . . . . **B. longifolia**
1-2. Inflorescence dichotomous or trichotomous at base.
27-1. Petioles strongly vestite.
28-1. Blades irregularly or double dentate or serrate.
29-2. Stem longer than petioles.
31-2. Blades acuminate.
32-2. Bracts entire, linear, attenuate.
33-1. Peduncle very short.
33-2. Peduncle 25 mm or longer. [Sine figura] . . . . . **B. fasciculata**
28-2. Blades regularly cut to subentire.
35-1. Blades dimidiate, attached to the petiole on one side. [Sine figura] . . . . . **B. trichopoda**
35-2. Blades not dimidiate.
36-1. Inflorescence many-flowered, several times dichotomous; peduncles exceeding the petioles.
37-2. Petioles-trichomes flat or stellate.
39-1. Petiole-trichomes stellate,
39-2. Petiole-trichomes ligulate, lacerate. [Fig.124] . . . . . **B. oxysperma**
36-2. Inflorescence few-flowered.
40-2. Stem about equaling to much exceeding the petioles.
42-1. Blades rounded or emarginate at base; petioles pilose.
43-1. Petioles 3-8 mm long.
43-2. Petioles 20-35 mm long.
43-2a. Petioles 30-35 mm long; blades truncate or decurrent at base, margin crenate-dentate to entire. Fig. S125, icon] . . . . . **B. bissei**
27-2. Petioles sparsely pubescent to glabrous.
47-2. Blades not dimidiate.
48-1. Blades strongly cordate.
49-2. Inflorescence at least partly axillary.
51-2. Peduncles exceeding the petioles.
53-2. Stem simple.
54-1. Petioles exceeding the stem. [Sine figura] . . . . . **B. yui**
54-2. Petioles much shorter than stem.

SUBKEY 13

1-1. Staminate tepals 2.
2-1. Blades asymmetric.
3-1. Base of blade broadly cuneate.
3-2. Base of blade obliquely cordate.
3-2a. Base of blades very unequal, one side rounded to cuneate, the other deeply to very deeply cordate. [Fig. S126] . . . . . **B. erectocaulis**
2-2. Blade symmetric; pistillate inflorescence sessile, one flowered); staminate flowers fasciculate at apex of peduncle.

4-1. Base of blade rounded.
4-1a. Base of blade shallowly cordate to cordate; inflorescence simple with 3-4 staminate flowers. [Fig. S127] . . . . . **B. stellata**
4-2. Base of blade cuneate.
1-2. Staminate tepals 4.
10-1. Blades asymmetric or somewhat cordate.
11-1. Petioles 0-12 mm long; blades doubly serrate.
11-2. Petioles 3-13 cm. long.
11-2a. Petioles 13-16.5 cm. long; blades unequally finely serrate. [Fig. S128, icon] . . . . . **B. dentato-bracteata**
12-1. Fruit wingless.
12-2. Fruit winged.
12-2a. Fruit-wings slightly unequal, truncate. [Fig. S129] . . . . . **B. lugonis**
12-2b. Fruit-wings unequal, largest truncate, smaller pair almost circular. [Fig. S129] **B. oellgaardii**
10-2. Blades symmetric, cuneate at base.
13-2. Blade broadly cuneate, not decurrent.
14-2. Margins repand-denticulate to subentire.
16-2. Margin subentire.
17-2. Fruit alate, 2-celled.
18-1. Blades elliptic, 14-17 cm. long, 6-8 cm. wide. [Fig. S131] . . . . . **B. aequilateralis**
18-2. Blades oblong-elliptic, 14-21 cm long, 4-6 cm wide.

SUBKEY 14

1-1. Blades symmetric.
2-1. Inflorescence racemose or one flowered.
3-1. Staminate tepals 4; inflorescence racemose; blades serrate.
3-1a. Staminate tepals 4; inflorescence terminal dichasium; blades crenate. [Fig. S132, icon] **B. peii.**
3-2. Staminate tepals 2.
2-2. Inflorescence dichotomous or umbelliform at base ; staminate tepals 4.
5-1. Ovary and capsule broad, alate.
6-1. Blades cuneate at base.
7-2. Petioles 5-17 cm long.
8-1. Blades hispid on both sides.
8-2. Blades glabrous above.
8-2a. Blades subglabrous; capsule unequally trialate, largest wing shortly tongue-shaped, the rest triangular. [Sine figura] . . . . . **B. yingjiangensis**
6-2. Blades rounded or cordate at base.
9-2. Petioles glabrous or glabrescent.
11-2. Margins entire or laxly undulate-dentate.
13-2. Petioles to 8 cm long; blades entire to undulate-dentate; ovary 3-celled,
14-1. Inflorescence 2-3 times dichotomous; largest capsule-wing about as wide as high; stipules deciduous.
14-2. Inflorescence 4-5 times dichotomous; largest capsule-wing much wider than high; stipules persistent. [Fig. S226, icon] . . . . . **B. glabra**
5-2. Ovary and fruit fusiform to globose wingless.
15-1. Petioles strongly vestite; inflorescence umbelliform.
16-2. Blades oblong-elliptic, broad-based; staminate tepals 4.
17-1. Petiole pubescent.
17-1a Petioles with indument of scattered dentate scales. [Fig. S133] . . . . . **B. pelargoniiflora**
17-2. Petioles stellate-lepidote.
18-1. Blades cordate; inflorescence 3-flowered.

18-2. Blades broadly rounded to broadly cuneate; inflorescence many-flowered. [Fig. S134, icon] . . . . . **B. squamulosa**
1-2. Blades asymmetric.
25-2. Blades much more asymmetric at base than above.
53-2. Petiole-apex not covered.
67-2. Blades not dimidiate.
75-2. Blades elliptic or ovate-elliptic or obovate, broader.
76-2. Blades slightly inequilateral.
78-1. Blades cordate at base.
78-2. Blades broadly rounded at base; staminate tepals 4.
78-2a.Blades rounded at base, scarcely oblique. [Fig. 14.12] . . . . . **B. rubromarginata**
78-2b. Blades rounded or subcordate at base. elliptic or obovate. [Fig. 14.10].. . . **B. ebolowensis**
78-2c. Blades rounded subcordate at base, elliptic to broadly elliptic. [Fig. S135]. . . **B. kisuluana**

SUBKEY 15

1-2. Inflorescence bisexual.
3-1. Inflorescence with a central axis or none, not basally dichotomous.
4-1. Blades cuneate at base.
5-1. Petioles maximally4 cm long
6-2. Blades rhombic or lance-attenuate, 5-25 cm wide.
7-1. Ovary alate; blades serrate only near the apex; tepals free.
7-1a. Ovary trialate; blades strongly remotely sharply finely serrulate; tepals free. [Fig. S138, icon] . . . . . **B. tsoongii**
7-2. Ovary horned; blades serrate throughout; tepals connate.
5-2. Petioles maximally 10-20 cm long.
8-1. Staminate tepals 2; blades 6-8 times as long as wide, laxly and coarsely dentate. [Sine figura] . . . . . **B. elatostemma**
8-2. Staminate tepals 4; blades 4-6 times as long as wide; plant tuberous.
9-1. Pistillate tepals 5; capsule-wings subequal; blades laxly serrulate. [Fig. S139] . **B. antaisaka**
9-1a. Pistillate tepals 4; capsule-wings unequal; blades irregularly repand. [Fig. S140, icon] . . . . . **B. bekouensis**
9-2. Pistillate tepals 6; capsule-wings very unequal; blades entire.
4-1. Blades cuneate at base.
4-2. Blades rounded at base; staminate tepals 4.
4-2a. Blades rounded at base, oval or oval-lanceolate; staminate tepals 2.[Fig. S136] **B. cavallyensis**
4-2b. Blades subcordate at base, decidedly asymmetric, oblong-elliptic; staminate tepals 2. . . . . [Fig. 14.53] . . . . . **B. hispidissima**
4–2c. Blades conspicuously oblique at base, broadly-ovate or subcircular; staminate tepals 2. . . . . [Fig. S137, icon]. . . . . **B. cehengensis**
3-2. Inflorescence dichotomous at base.
12-1. Blades cuneate at base.
14-2. Stipules, blades, and whole plant glabrous.
15.1. Outer staminate tepals 1.5 mm long. [Sine figura] . . . . . **B. xiphophylla**
15-2. Outer staminate tepals 6-8 mm long.
12-2. Blades rounded at base.
18-1. Petioles vestite.
19-1. Staminate tepals 2; pistillate tepals 5; internodes very short and thick; blades apiculate, 8-11cm long, wholly stellate-tomentose beneath.. [Fig. S232] . . . . . **B. ruhlandiana**
19-2. Staminate tepals 4; internodes long and slender.
18-2. Petioles glabrous.
18-2a. Petioles glabrous, short 3-10 mm long; staminate tepals 4. [Fig. S141] . . . **B. matogrossensis**

21-1. Capsule-wings subequal.
22-1. Blades entire, about twice as long as wide.
22-1a. Blades entire, narrowly ovate, apex acute, about 3-4 times as long as wide.[Fig. S245, icon] . . . . . **B. albo-picta**
22-2. Blades serrate, 2.5-3 times as long as wide; stipules persistent.

SUBKEY 16

1-1. Inflorescence dichotomous at base.
2-2. Petioles glabrous or glabrescent.
9-1. Petioles 5-17 cm. long.
10-1. Blades about twice as long as wide; petioles 5-10 cm.
10-1a. Blades 1.5-2 times as long as wide, ovate-acute to -acuminate, serrate; petioles 1.5-10 cm. long. [Fig. S142] . . . . . **B. brevibracteata**
10-2. Blades more than 3 times as long as wide; petioles to 17 cm long.
1-2. Inflorescence with central axis or none.
31-1. Petioles persistently vestite.
32-2. Petioles 2-20 mm long.
33-2. Staminate tepals 4.
34- 1. Ovary trialate, 3-celled; stipules oblong, acute.
34-1a. Ovary unequally trialate, 2-celled; stipules ovate-lanceolate. [Fig. S143, icon] . . . . . **B. gungshanensis**
34-2. Ovary wingless; 4-celled; stipules very narrowly triangular.
35-1. Blades 3-5 times as long as wide.
36-1. Fruit subequally alate; blades coarsely double-dentate.
36-1a. Fruit with 3 subequal wings; blades variably repand, remotely setose, passing to shallowly denticulate to serrulate towards apex. [Fig. S144, icon] . . . . . **B. cauliflora**
36-1b. Fruit trialate, largest wing entire ascending; blade margin with regular large dentate. [Sine figura] . . . . . **B. banaoensis**
36-1c. Fruit unequally trialate, largest slightly asymmetric; blade margin sparingly ciliate, obsoletely undulate, irregularly denticulate-serrulate. [Fig. S145] . . . . . **B. mariannensis**
36-2. Fruit wingless, linear, 5 cm long; blades sinuate-dentate.
31-2. Petioles glabrous or glabrescent.
46-1. Inflorescence racemose or paniculate with a distinct central axis, margin irregular.
47-1. Staminate tepals 4.
48-2. Petioles maximally 18-50 mm. long.
50-2. Blades acuminate or triangular-acute.
51-1. Ovary wingless.
51-2. Ovary unequally trialate.
51-2a. Ovary unequally trialate, largest wing long-triangular, other two smaller; blades triangular-ovate, apex acuminate; pistillate tepals 3, [Fig. S146, icon] . . . . . **B. wenshanensis**
47-2. Staminate tepals 2.
52-1. Margin denticulate.
52-2. Margins at least in part coarsely dentate.
52-2a. Margins entire; pistillate tepals 4; ovary unequally trialate. [Fig. S147] . . . . . **B. coursii**
53-2. Base of blade essentially cuneate.
54-2. Capsule-wings equal or subequal.
55-2. Blades 3-5 times as long as wide.
56-1. Capsules nearly 20 mm long. [Fig S148] . . . . . **B. longistipula**
56-2. Capsules nearly 8 mm long.

SUBKEY 17

1-1. Petioles densely and persistently vestite.
2-2. Blades narrowly acute or acuminate.
7-1. Longer basal lobe rounded and projecting below its contact with the petiole.
8-1. Longer basal lobe diverging from the petiole, not auricled.
8-1a. Longer basal lobe dimidiate, rounded; staminate tepals 2. [Fig. S149] ..... **B. napoensis**
8-2. Longer basal lobe diverging from petiole not auricled.
1-2. Petioles glabrous or glabrescent.
21-2. Blades narrowly acute or acuminate.
30-1. Petioles 10-45 mm. long.
31-2. Margins variously cut.
32-1. Blades broad, much less than twice as long as wide.
32-2. Blades 2-3 times as long as broad.
32-2a. Blades less than 3 times as long as wide; capsule unequally trialate, odd wing truncate and smaller than narrowly falcate paired wings. [Fig. S150] ..... **B. brandbygeana**
32-2b. Blades 2.5 times as long as wide; ovary turbinate, equally 3-horned [Fig. S151] .... **B. holmnielseniana**

SUBKEY 18

1-1. Petioles glabrous or glabrescent.
2-2. Blades sharply acute or acuminate.
11-2. Staminate tepals 2; capsules alate.
16-2. Blades entire or obscurely serrulate or denticulate.
19-2. Petioles 3-15 mm. long.
20-1. Capsule-wings equal.
20-1a. Capsule equally 3-horned, turbinate. [Fig. S152] ..... **B. pectennervia**
20-2. Capsule wings unequal.
1-2. Petioles densely and persistently vestite.
22-1. Blades broadly subacute or rounded at apex, sometimes apiculate; staminate tepals 2.
23-1. Blades once to twice as long as wide.
24-2. Blades obovate.
25-2. Petioles 3-8 mm long.
26-1. Blades cuneate at base.
26-2. Blades rounded at base. [Fig. S153] ..... **B. monantha**

SUBKEY 19

1-2. Blades sharply acute or acuminate.
8-1. Larger basal lobe with a sinus between it and the petiole, not auricled.
9-1. Stipules large, ample, persistent; blades coarsely duplicate-dentate or serrate.
10-2. Petioles 2-9 mm long, stem nearly straight.
12-2. Blades ovate or subelliptic, about twice as long as wide.
13-1. Staminate tepals 4; blade ovate. [Sine figura] ..... **B. bracteata**
13-2. Staminate tepals 2; blades subelliptic.
9-2. Stipules narrow, mostly deciduous.
14-2. Staminate tepals 4; inflorescence not fasciculate.
15-2. Blades 4-6 times as long as broad.
20-1. Capsule wings very unequal. [Fig. S154] ..... **B. griffithiana**
20-2. Capsule-wings subequal.
8-2. Larger basal lobe produced laterally and covering at least the apex of the petiole, auriculate.

22-2. Inflorescence dichotomous at base.
23-1. Petioles maximally 20 -90 mm long.
24-2. Margins distinctly cut.
25-2. Peduncle about equaling the leaves to much shorter.
26-1. Inflorescence many-flowered, 5 times dichotomous; peduncles10-11 cm long.
26-2. Inflorescence few-flowered; peduncles to 2.5 cm long.
26-2a. Inflorescence axillary, composite cyme; peduncles 2-6 cm long; staminate tepals 2. [Fig. S155] . . . . . **B. papuana**

SUBKEY 20

1-2. Blades sharply acute or acuminate.
9-1. Larger basal lobe with a sinus between it and the petiole, not auricled; petiole 12-20 mm long.
10-1. Staminate tepals 4, the inner pair well developed.
11-1. Petioles 2-8 mm long; blades 3-6 times as long as wide, narrowly acute.
12–2. Inflorescence many-flowered, to 7 times dichotomous; blades laxly serrate.
13-1.Capsule-wings subequal; blades 6 times as long as wide.
13-2. Capsule-wings very unequal; blades less than 3 times as long as wide.
13-2a. Capsule-wings very unequal, larger 20 mm wide dwarfing the hardly expressed minor ones; blades 3 times as long as wide, elliptic, base cuneate. [Fig. S156] . . . . . **B. polygonifolia** var. **differens**
11-2. Petioles more than 8 mm long or the blades much broader.
14-2. Petioles 10-50 mm long.
16-2. Peduncles equaling to much shorter than the leaves.
17-1. Margins subentire, or regularly dentate.
18-1. Blades sinuate, subentire; inflorescence not more than twice dichotomous. [Sine figura] . . . . . **B. pryeriana**
18-2. Blade distinctly dentate.
9-2. Larger basal lobe auricuate, projecting laterally over part or all of the petiole.
35-1. Staminate tepals 2.
36-2. Peduncles about equaling to much exceeding the petioles.
37-1. Margins duplicate-dentate or serrate.
38-2. Stipules narrow or quickly deciduous, exposing stem completely.
39-2. Plants with firm bases, perennial.
41-1. Blades acuminate from a broadly rounded or subacute apex, slightly inequilateral. . . . . [Fig. S157] . . . . . **B. carpinifolia**
41-2. Blades acuminate from narrowly triangular apex.
37-2. Margin entire or small subequal projections.
42-2. Largest basal lobes not projecting outward.
43-2. Stipules deciduous, mostly narrow.
46-1. Petioles maximally 40-50 mm long.
47-1. Blades elliptic, acuminate; pistillate tepals 2.
47-2. Blades lance-oblong, acute; pistillate tepals 3. [Fig. S158] . . . . . **B. eliasii**

SUBKEY 21

1-1. Petioles maximally 5 mm long.
2-1. Staminate tepals 4.
3-2. Longer basal lobes minute.
4-1 Marginal teeth large, spreading, conspicuous; blades narrowly lanceolate or subrhombic with upper half narrowly triangular.
4-2. Marginal teeth low, rounded, inconspicuous; blade subelliptic with rounded sides. [Fig. S159]

. . . . . **B. lepidella**
2-2. Staminate tepals 2.
5-2. Margins duplicate-dentate or serrate, the projections coarse or unequal.
9-2. Leaves all alternate.
13-2. Plant and blades much larger.
14-1. Longer basal lobes small and inconspicuous.
15-1. Blade base cuneate on both sides.
16-1. Upper half of blade rounded to an abruptly acuminate apex; blades 2.5-3 times as long as wide.
17-1. Flowers racemous.
17-2. Flowers fascicled. [Fig. S160] . . . . . **B. fasciculiflora**
1-2. Petioles maximally 7-90 mm. long.
29-1. Petioles glabrous or sparsely and fugaciously vestite.
30-1. Staminate tepals 4.
31-1. Mature blades entire and subentire.
32-2. Stipules inconspicuous or quickly deciduous.
34-1. Petioles 20-40 mm. long.
35-1. Blades broadly elliptic, less than twice as long as broad, rounded at apex or minutely apiculate.
35-1a. Blade ovate, almost as wide as broad, apex apiculate to acuminate. [Fig. S161] . . . **B. erosa**
35-2. Blades lanceolate, more than 3 times as long as broad, apex acuminate. [Fig. S162, icon] . . .
. . . . . **B. malachosticta**
36-2. Blades not more than 3.3 times as long as wide.
37-1. Capsule 3-lobes, wingless; blades 3-3.3 ties as long as wide. [Sine figura] . . **B. sarcocarpa**
37-2. Capsule unequally 3-winged; blades slightly more than twice as long as wide.
31-2. Mature blades sharply cut.
38-2. Capsule alate.
42-2. Capsule wings strongly unequal.
44-1. Blades about twice as long as wide; outer staminate tepals broadly ovate.
44-1a. Blades about three times as long as wide; outer staminate tepals broadly ovate, 8 mm long, 6 mm wide, apex rounded.[Fig. S163, icon] . . . . . **B. coptidi-montana**
44-2. Blades about 4 times as long as wide; outer staminate tepals narrowly-elliptic, 25-44 mm long.
30-2. Staminate tepals 2.
45-2. Upper third to half of blade broadly rounded, usually acuminate.
56-2. Petioles maximally 10-30 mm long.
61-1. Margins duplicate-dentate or serrate.
62-2. Teeth low and broad.
63-1. Inflorescence one-flowered.
63-1a. Inflorescence with solitary large pistillate flower, leaves violet underneath. [Sine figura] . .
. . . . . **B. dosedlae**
63-2. Inflorescence many-flowered.
61-2. Margins entire to dentate.
65-1. Stipules broad, persistent
65-1a. Stipules large, oblong. [Sine figura] . . . . . **B. racemosa**
65-2. Stipules inconspicuous or quickly deciduous.
29-2. Petioles densely and persistently vestite.
70-2. Staminate tepals 2
83-2. Leaves all alternate.
85-1. Margins distinctly duplicate-dentate or serrate.
86-2. Petioles maximally 18-85 mm long.
92-2. Base of blade strongly cordate or semicordate.

94-2. Abaxial side of base broadly rounded with large lobe and auricle.
96-2. Indument non-glandular.
97-2. Blades vestite above.
98-2. Blades duplicate-dentate or serrate with very broad major projections.
100-1. Blades acuminate. [Sine figura] . . . . . **B. perryae**
100-2. Blades apiculate.

SUBKEY 22

1-2. Inflorescence dichotomous or rarely more divided at base, sometimes more or less asymmetric.
21-1. Petioles glabrous or sparsely and fugaciously vestite.
22-2. Margins variously cut or angled.
24-2. Blades concolorous.
26-2. Margins angled, denticulate or dentate.
27-1. Margins conspicuously ciliate.
28-2. Bracts deciduous.
29-2. Peduncles about equaling the petioles.
30-1. Pistillate tepals 3; capsule wings subequal.
30-2. Pistillate tepals 2, capsule wings unequal, the largest triangular. [Fig. S164] . . . **B. plebeja**
27-2. Margins not notable ciliate.
31-1. Pistillate tepals 4; plant rhizomatous.
31-2. Pistillate tepals 2.
31-2a. Pistillate tepals 2; plant rhizomatous; blades orbicular to reniform. [Fig. S165] **B. goudotii**
21-2. Petioles strongly and persistently vestite, sometimes at apex only.
35-1. Petioles-trichomes at least partly of broad scales or sometimes of filaments in bands.
36-2. Blades completely glabrous above; usually broad, less than twice as long as wide.
42-2. Capsule-wings strongly unequal.
43-2. Inflorescence many-flowered, mostly 3-6 times dichotomous.
47-2. Blades to 20 cm. long.
48-1. Margin evenly rounded.
48-1a. Margin remote and indistinctly denticulate or entire. [Fig. S166] . . . . . **B. mexiae**
48-2. Margins very irregular.
35-2. Petiole-trichomes of hairs or very narrow hair-like scales.
50-2. Blades flat.
51-2. Margins evenly rounded or angled, denticulate to entire or undulate.
56-2. Capsule-wings strongly unequal.
59-1. Blades strongly angles.
60-1. Inflorescence asymmetric; pistillate tepals 4 or 5; anthers obovate, retuse; capsule wings almost acute, about as high as wide.
60-1a. Inflorescence slightly asymmetric, repeatedly dichotomous; pistillate tepals 4; anthers oblong; capsule-wings unequal largest narrowly ovate-triangular. [Fig. S231, icon] . . . . . **B. glandulosa**
60-2. Inflorescence symmetric; pistillate tepals 2 or 3; anthers linear, with connective produced; capsule-wings rounded, the largest distinctly wider than high.

SUBKEY 23

1-1. Petioles glabrous or sparsely and fugaciously vestite.
2-1. Margins entire or subentire.
3-1. Blades evenly rounded throughout.
3-2. Blades acuminate or apiculate.
3-2a. Blades long caudate-acuminate, transversely long ovate. [Fig. S167, icon] . . . **B. pseudodryadis**

3-2b. Blades caudate-acuminate, broadly ovate or subcircular. [Fig. S235, icon] ..... **B. luzhaiensis**
4-1. Fruit rhomboid, acute, cuneate, 4-celled, 2- horned; blade often dark spotted. [Sine Figura] .... **B. burkillii**
4-2. Fruit broadly ovoid, 3-celled, unequally 3-winged, the largest wing dolabriform.
4-2a. Fruit elliptic, 3-celled, wings subequal, obtuse; blade obliquely circular-cordate, shortly and abruptly acuminate, bullate. [Fig. S169, icon] ..... **B. rajah**
2-2. Margins variously cut or uneven.
5-2. Staminate tepals 4 or rarely 3.
7-1. Ovary-wings equal or subequal.
8-2. Ovary-wings lunate.10-1; blades partially pubescent.
11-1. Inflorescence paniculate; blades undulate-dentate, much shorter than the petioles.
11-2. Inflorescence racemose; blades crenate, as long as or longer than the petioles. ..... [Fig. S252, icon] ..... **B. arnottiana**
1-2. Petioles strongly persistently vestite.
18-2. Blades distinctly cut.
26-2. Blades narrowly acute, apiculate or acuminate.
40-1. Fruit wingless, 4 celled; blades evenly rounded, sparsely denticulate.
41-1. Outer staminate tepals 4 mm long; blades vestite above, even.
41-2. Outer staminate tepals 20 mm long; blades glabrous above, bullate. [Fig. S168] **B. aborensis**
40-2. Fruit alate.
42-2. Ovary-wings distinctly unequal.
46-2. Blades vestite above.
52-2. Blades even.
54-1. Inflorescence 1-2-flowered; basal bracts united; plant 5-8 cm high. [Fig. S170] . **B. parvula**
54-2. Inflorescence more than 2-flowered; plant larger.

SUBKEY 24

1-1. Petioles glabrous or sparsely and fugaciously vestite.
2-1. Margin entire or subentire.
3-1. Blade-apex rounded.
3-2. Blade-apex acute to acuminate.
3-2a. Blade-apex acuminate; staminate tepals 4; pistillate tepals 8. [Sine figura] ..... **B. tarokoensis**
7-1. Bracts deciduous.
8-1. Peduncle much exceeding the petioles, inflorescence ample.
8-1a Peduncle exceeding the petioles; pistillate tepals 4; staminate tepals 3. [Fig. S171, icon] .... **B. austrotaiwanensis**
8-2. Peduncle about equaling the petiole to much shorter; inflorescence few-flowered.
7-2. Bracts persistent.
9-2. Blades broader, much less than twice as long as broad.
10-1. Staminate pedicels 6-10 mm long.
11-1. Blades prominently reticulate-nerved, especially beneath; fruit wingless.
11-2. Blades not reticulate.
11-2a. Blades not reticulate; 3 fruit-wings, unequal. [Fig. S172, icon] ..... **B. hymenocarpa**
2-2. Margins distinctly cut.
13-1. Blade apex rounded.
14-2. Staminate tepals 4; pistillate tepals 4-5.
15-2Blades not at all lobate.
16-1. Inner staminate tepals much narrower than the outer.
16-2. Inner staminate tepals like the outer, acute. [Sine figura] ..... **B. tribenensis**
13-2. Blade apex apiculate, acuminate or triangular-acute.
17-2. Blades strongly oblique to transverse.

21-2. Peduncle much exceeding the petiole.
28-2. Blades angled and undulate-dentate.
31-2. Staminate tepals unlike, the inner pair much narrower.
33-2. Blades glabrous.
34-1. Pistillate tepals 4; staminate tepals concolorous.
34-2. Pistillate tepals 3; staminate tepals with one outer teal-red and the other white. [Fig. S173] . . . . . **B. mucronistipula**
1-2. Petioles conspicuously and persistently vestite.
35-2. Margins variously cut or irregular.
60-2. Petiole-trichomes simple, filamentous or rarely somewhat flattened.
68-1. Peduncles about equaling the petioles to much shorter.
69-2. Blade-apex narrowly acute, apiculate or acuminate.
74-2. Blades more or less vestite above.
80-1. Margins evenly rounded or narrowly uniformly cut.
81-1. Capsule-wings subequal.
81-1a Capsule with 3 equal horns; pistillate tepals 5. [Fig. S174] . . . . . **B. nevadensis**
81-2. Capsule-wings unequal.
68-2. Peduncles much exceeding the petioles.
90-2. Blades narrowly acute, acuminate or apiculate.
98-1. Blades evenly cut and rounded, vestite above.
100-1. Blades sparely rusty-pubescent above with compressed hairs.
100-2. Blades sparsely papillose-setose above. [Fig.175] . . . . . **B. decora**
101-1. Ovary-wings subequal; pistillate tepals 3.
101-2. Ovary-wings very unequal; pistillate tepals 4.
101-2a. Ovary-wings very unequal, hispid, largest obliquely triangular, the other two smaller lunate appressed to the capsule. [Fig. S176, icon] . . . . . **B. guangxiensis**
98-2. Blades unevenly cut, undulate or angled.
102-1. Blades evenly rounded but with larger teeth at principal nerve-ends than in between; pistillate tepals 5.
102-2. Blades angled or sublobate or duplicate-dentate, not evenly rounded.
106-1. Blades sinuate between angles with broad sinus.
107-2. Blades rounded to an apiculate or acuminate apex.
109-2. Blades glabrous above.
111-1. Trichomes of flattened hair-like scales. [Sine figura] . . . . . **B. hasskarliana**
111-2. Trichomes terete, filamentous.

SUBKEY 25

1-1. Inflorescence with a simple axis or none, not basally dichotomous.
2-1. Petioles glabrous or glabrescent.
3-2. Margins distinctly cut.
7-1. Blades shallowly cordate to broadly rounded at base.
8-1. Odd capsule-wing smaller than the other two, all obtuse; blades nearly or quite as wide as long, to 2.1 cm long.
8-2.Odd capsule-wing larger than the other two, triangular; blade nearly or quite twice as long as wide, to 7.5 cm long, pistillate tepals 5. [Sine figura] . . . . . **B. pendula**
2-2. Petioles persistently vestite.
16-1. Blades about twice as long as wide or narrower.
17-2. Petioles maximally 3-6 cm. long.
19-1. Pistillate tepals 2; petioles 4-6 cm. long.
19-1a. Pistillate tepals 2; petioles 2 cm. long. [Fig. S177] . . . . . **B. beccarii**
19-2. Pistillate tepals 5; petioles 1-3 cm long.

16-2. Blades wider, much less than twice as long as wide.
20-2. Inflorescence much shorter than the petioles.
24-2. Ovary ellipsoid, trialate or angled.
25-1. Ovary-wings. narrowly marginiform or lacking.
25-1a. Ovary wingless; 5-7 ribs; pistillate tepals 5. [Fig. 23.13] . . . . . **B. balansana**
25-2. Ovary-wings well developed; pistillate tepals 5.
1-2. Inflorescence basally dichotomous.
27-2. Petioles strongly and persistently vestite.
42-2. Blades broad, distinctly less than twice as long as wide.
46-2. Petioles maximally 13-150 cm long.
50-2. Capsule-wings strongly unequal.
53-1. Inflorescence 4-6 times dichotomous; petioles maximally 60-150 cm long; blades serrulate, more or less undulate; capsule wings dolabriform, spreading.
53-1a. Inflorescence asymmetric to unilateral cymose; petioles 15-53 cm; blades oblique, asymmetrically obovate to broadly elliptic; capsule wings asymmetric, largest ovate to oblong or elliptic, other two subequal lunate to lunate triangular. [Fig. S178] . . . . . **B. karwinskyana**
53-1b Inflorescence 1- 3 times dichotomous; petioles 44-63cm; blades oblique, asymmetrically broadly obovate to suborbicular, dentate to cuspidate at end of the major nerves, and ciliate-denticulate; capsule-wings unequal, largest dolabriform to transversely oblong , other two lunate to lunate-triangular or marginiform. [Fig. S181, icon] . . . . . **B. multistaminea**
53-2. Inflorescence 1 - 3 times dichotomous; petiole maximally 13 - 30 cm long.
54-1. Blades glabrous above or vestite only on principal nerves.
55-2. Blades evenly rounded; capsule wings spreading.
56-1. Blades hirsute on principal nerves above, ciliate.
56-1a. Blades glabrous above except at base of the nerves, ciliate and dentate at ends of major nerves. [Fig. S182, icon] . . . . . **B. sousae**
56-1b. Blade upper surface glabrous throughout except at base of nerves and with a submarginal band of dense short villi, lower surface lanate on principal nerves, less densely in intercostal regions. [Fig. S179, icon] . . . . . **B. lyman-smithii**
56-1c. Blades villous on nerves above, below villous in intercostal regions, but villous-squamose on major nerves. [Fig. S180, icon] . . . . . **B. mariti**
56-2. Blades completely glabrous above and on margins.
56-2a. Blades completely glabrous above, sparingly pilose beneath on principal nerves, margins finely denticulate, ciliate. [Fig. S183 icon] . . . . . **B. jaliscana**
56-2b. Blades completely glabrous above, lower surface moderately to densely pilose on major nerves but glabrous in intercostal regions, margins dentate to denticulate, ciliate. [Fig. S184, icon] . . . . . **B. rafael-torresii**
54-2. Blades evenly vestite above.
57-2. Ovary 3-celled.
59-2. Blades with a distinct acute or acuminate apex.
60-1. Petiole-indument of scales.
60-2. Petiole-indument of hairs.
60-2a. Petioles sparingly hirtellous with spreading villi. [Fig. S185, icon] . . . . . **B. xilitlensis**
60-2b. Petioles densely lanate with whiplash trichomes. [Fig. S186, icon] . . . . . **B. chiapensis**
60-2c. Petiole sparingly pilose with stout, occasionally branching, often glandular-tipped villi. [Fig. S187, icon] . . . . . **B. breedlovei**

SUBKEY 26

1-1. Axis of inflorescence simple or none, not dichotomous at base but sometimes at apex.
2-1. Petiole glabrous or glabrescent.

3-1. Margins entire or subentire.
4-1. Blades ovate, nearly twice as long as wide.
4-1a. Blades ovate or ovate-oblong, 1.5 times as long as wide, exceedingly oblique. [Fig. S240, icon] ..... **B. lancangensis**
4-1b. Blades obliquely ovate, up to twice as wide as long. [Fig. S248, icon] ..... **B. subhowii**
4-2. Blades suborbicular.
2-2. Petiole strongly and persistently vestite.
18-1. Peduncle (bisexual or staminate) exceeding the petiole.
19-2. Rhizome-internodes very short and stout.
22-1. Floral axis elongate.
22-1a. Peduncles 22 cm long; capsule-wings 3, unequal, largest long tongue-shaped. [Sine figura] ..... **B. manhaoensis**
22-1b. Peduncles 11-12 cm long; capsule-wings 3, unequal, largest triangular, apex obtuse. ..... [Fig. S244, icon] ..... **B. obliquefolia**
22-2. Flora axis short to none.
22-2a. Peduncles 2.3-9.7 cm long; inflorescence cymose, very few flowered; capsule-wings 3, unequal, largest asymmetrically triangular, other 2, much smaller, subequal, triangular. .... [Fig. S188, icon] ..... **B. turrialbae**
18-2. Peduncles (bisexual or pistillate) about equaling or shorter than petioles.
28-1. Blades coarsely duplicate-dentate to sublobate, glabrous above.
29-1. Ovary-wing equal, together obovate, truncate.
29-1a. Ovary subequally trialate. [Fig. S189, icon] ..... **B. chuniana**
29-2. Ovary-wings unequal.
28-2. Blades finely and rather regularly cut.
31-1. Internodes long and slender.
32-2 Blades much less than twice as long as wide.
33-2. Inflorescence about equaling the leaves or shorter.
34-1. Pistillate tepals 3; petioles 3-6 cm long.
34-1a. Pistillate tepals 3; petioles 8-13(-21.5) long. [Fig. S191, icon] ..... **B. faustinoi**
34-2. Pistillate tepals. 5; petioles 2-10(-20) cm long.
1-2. Axis of inflorescence dichotomous at base.
38-1. Petioles glabrous or glabrescent.
39-1. Peduncles shorter than the petioles.
40-1. Pistillate tepals 5; anther-connective acute; blades obscurely duplicate-serrate.
41-2. Placentas divided into several plates.
42-1. Placentas more than 2. plates
42-2. Placenta with only 2 plates.
42-2a. Placenta with 2 plates, axile; blades markedly unequal sided, narrowly lanceolate. ..... [Fig. S241, icon] ..... **B. keithii**
38-2. Petioles strongly and persistently vestite.
63-1. Margins entire to subentire, not undulate.
64-1. Petioles maximally 6 cm long; blades broadly subacute.
65-1. Largest capsule-wing dolabriform; blades shallowly cordate.
65-1a. Largest capsule-wing ovate; blades shallowly cordate, broadly-elliptic, shortly apiculate. [Fig. S190] ..... **B. russelliana**
65-2. Largest capsule-wing lunate; blades deeply cordate.
64-2. Petioles maximally 8-30 cm long.
66-2. Blades broader, distinctly less than twice as long as wide.
67-2. Pistillate tepals less than 5.
71-1. Blades suborbicular, apiculate.
72-1. Margin ciliate; inflorescence 3-4 times dichotomous.
72-2. Margin glabrous; inflorescence twice dichotomous.

72-2a. Margins densely aristate-denticulate; inflorescence twice dichotomous. [Fig. S251, icon] . . . . . **B. yishanensis**
71-2. Blades narrower, acute or acuminate.
73-1. Petioles maximally 10-12 cm long; pistillate tepals 3; blades minutely ciliate.
73-2. Petioles maximally 20-30 cm long.
73-2a. Petioles 6.5-23 cm long; pistillate tepals 3; blades sparingly ciliate and irregularly dentate to crenate at end of major nerves. [Fig. S194, icon] . . . . . **B. hondurensis**
63-2. Margins distinctly cut.
75-1. Peduncles about equaling to shorter than the petioles.
76-1. Internodes long and slender.
77-2. Petioles maximally 7 cm long; pistillate tepals 5,
78-1. Blades twice as long as wide; petioles vestite mainly at apex.
78-2. Blades less than twice as long as wide; petioles generally vestite. [Fig. S192] . . . . . **B. obsolescens**
75-2. Peduncles distinctly exceeding the petioles.
83-2. Blades deeply cordate, sometimes with overlapping basal lobes.
85-2. Margins closely cut.
89-1. Largest capsule wing rounded above.
90-2. Blades vestite above.
91-2. Inflorescence once or twice dichotomous, blades duplicate-serrate.
93-1. Blades ovate, even.
93-1a Blades ovate, unequal-sided, acute, cordate, margin lobulate to dentate and serrate. [Fig. S193, icon] . . . . . **B. chloroneura**
93-2. Blades elliptic, bullate.

SUBKEY 27

1-1. Blades subtriangular above with nearly straight sides, ovate or rarely rhombic.
2-1. Inflorescence (or at least the pistillate) unbranched, one-flowered or fasciculate, axillary.
3-2. Petioles glabrous or glabrescent.
7-2. Blades all more than twice as long as petioles.
11-1. Margin entire to inconspicuously cut.
12-1. Blades 3-5 times as long as wide, margins entire or serrate near apex.
12-1a. Blades 3 times as long as wide, margins remotely minute-dentate. [Fig S195, icon] . . . . . **B. hayatae**
12-2. Blades less than 3 times as long as wide, margins denticulate.
2-2. Inflorescence (at least staminate) branched.
21-1. Primary bracts non-foliaceous.
22-1. Petioles strongly vestite.
23-1. Bracts persistent; staminate tepals 4.
23-2. Bracts deciduous; staminate tepals 2. [Fig. S196] . . . . . **B. cumingii**
21-2. Primary bracts (at least the basal) foliaceous.
27-2. Blades less than 3 times as long as wide.
31-2. Petioles glabrous or glabrescent.
34-2. Inflorescence (including pedicels) paniculate.
35-2. Pedicels articulate on an extended axis.
36-2. Branches racemose.
37-1. Outer tepals glabrous.
37-2. Outer tepals setose. [Sine figura] . . . . . **B. lushaiensis**
38-2. Staminate tepals 4.
39-1. Blades only slightly oblique; capsule-wings narrowly triangular, spreading.
39-1a. Blades obliquely ovate, base obliquely cordate; capsule-wings 3, unequal, encircling the

capsule, largest obtusely triangular, others lunate. [Fig. S197] ..... **B. madecassa**
39-2. Blades transverse to petiole.
1-2. Blades rounded above, usually apiculate or acuminate, usually elliptic or oblong, rarely ovate.
40-1. Inflorescence (at least the pistillate) unbranched below the pedicels, one flowered or fasciculate.
41-1. Petioles glabrous or glabrescent.
42-1. Blades less than twice as long as the petioles.
43-2. Staminate tepals 4.
45-1. Blades setose on the nerves. [Sine figura] ..... **B. setulosa**
45-2. Blades completely glabrous.
42-2. Blades more than twice as long as the petioles.
48-1. Base of blade rounded or truncate.
49-1. Blade hirtellous on nerves beneath; staminate tepals 2
49-1a. Blade minutely-setose above & below on nerves; staminate tepals 4. [Fig. S198] .... **B. acetosella**
49-2. Blades soon wholly glabrous.
41-2. Petioles strongly vestite at least at apex.
61-1. Hairs concentrated at the apex of the petiole.
62-2. Inner staminate tepals oblanceolate, 3 times as long as wide.
63-1. Fruit wingless, indehiscent.
63-2. Fruit unequally 3-winged. [Fig.S199] ..... **B. bequaertii**
64-2. Blades distinctly cordate at base.
71-2. Staminate tepals 4.
74-2. Basal sinus closed, the lobes overlapping; inflorescence sessile.
75-2. Bracts inconspicuous, remote.
76-2. Blades vestite above, duplicate-serrate.
77-1. Styles bifid.
77-2. Styles multifid. [Sine figura] ..... **B. bui-montana**
40-2. Inflorescence at least the staminate branched.
78-1. Petioles strongly vestite.
79-2. Petiole-trichomes of simple hairs.
81-1. Blades vestite above.
82-2. Stem firm, relatively stout, plants mostly more than annual, flowers medium to large.
83-2. Staminate tepals 4 or rarely 3; blades cordate at base.
84-1. Blades serrate. [Sine figura] ..... **B. donkelaariana**
84-2. Blade subentire.

SUBKEY 28

1-1. Inflorescence (at least the pistillate) without a central axis, one-flowered or axillary.
2-1. Petioles persistently vestite.
3-2. Bracts persistent, conspicuous.
7-1. Staminate tepals 2.
8-2. Pistillate tepals 5; blades coarsely dentate.
9-1. Pistillate tepals setulose.
9-2. Pistillate tepals glabrous.
9-2a. Pistillate tepals glabrous, 5; blades subrotund; ovary and capsule verrucose. [Sine figura] .. .. **B. gomantongensis**
7-2. Staminate tepals 4.
10-2. Blades vestite above.
12-1. Outer staminate tepals villous. [Sine figura] ..... **B. morifolia**
12-2. Outer staminate tepals glabrous or at most ciliate.
2-2. Petioles glabrous or glabrescent.

16-1. Bracts deciduous.
17-1. Blades vestite at least on the nerves.
18-2. Blades serrate or dentate.
19-2. Capsules unequally trialate; plant tuberous.
20-1. Blades acuminate; tepals yellow.
20-2. Blades obtuse. [Fig. S201] . . . . . **B. pygmaea**
17-2. Blades completely glabrous.
21-2. Inflorescence pedunculate.
22-2. Staminate tepals 2.
24-1. Capsule-wings subequal; blades undulate-serrate.
24-1a Capsule-wings subequal; blade entire; petiole with partial cuff below attachment to blade. [Fig. S200] . . . . . **B. knoopii**
24-2. Capsule-wings very unequal.
16-2. Bracts persistent, conspicuous.
26-1. Blade margin entire.
27-1. Peduncles shorter than the petioles, staminate tepals 2.
27-1a. Peduncle much shorter than the petiole; staminate tepals 2; pistillate tepals 4; capsule alate. [Fig. 28.16] . . . . . **B. koordersii**
27-2. Peduncle longer than the petioles; staminate and pistillate tepals 4.
26-2. Blade margins cut; pistillate tepals 5.
28-1. Peduncles longer than petioles.
29-1. Smaller capsule-wings narrowly crescentiform.
29-2. Smaller capsule-wings subtriangular.
29-2a. Smaller capsule-wings narrowly triangular. [Fig. S202] . . . . . **B. neoharlingii**
1-2. Inflorescence racemose or paniculate with a central axis.
33-1. Petioles persistently vestite.
34-2. Primary bracts non-foliaceous, reduced abruptly from the stem leaves.
64-1. Primary bracts persistent, conspicuous.
65-1. Margins coarsely double-dentate or sublobate.
66-2. Blades glabrous or subglabrous above.
67-1. Blades broadly rounded.
67-2. Blades acuminate. [Fig. S203] . . . . . **B. mearnsii**
65-2. Margins finely and almost regularly cut to entire.
70-1. Blades pubescent above.
71-2. Staminate tepals rounded, entire; anthers obovoid.
72-1. Pistillate flowers basal; lower staminate branches deciduous.
72-1a. Pistillate flowers basal; upper staminate branches persistent. [Fig. S239, icon] **B. postarii**
72-2. Pistillate flowers non-basal; branches all persistent.
33-2. Petioles glabrous or glabrescent.
84-2. Primary bracts non-foliaceous, abruptly reduced from the nearest stem-leaves.
103-1. Primary bracts persistent, conspicuous.
104-2. Staminate tepals 4.
107-1. Margin entire or subentire.
108-1. Blades regularly ciliate; largest capsule-wing not more than twice as long as high, obtuse.
108-1a. Blades subentire, minutely denticulate; largest capsule-wing equally as long as wide. obtuse. [Sine figura] . . . . . **B. fraseri**
108-2. Blades marginally glabrous or subglabrous; largest capsule-wing more than twice as wide as high, attenuate.
103-2. Primary bracts inconspicuous, deciduous.
117-1. Staminate tepals 2.
118-1. Capsule-wings unequal; blades sublobate, irregularly dentate.

118-1a. Capsule-wings unequal; blades ovate-acuminate, undulate, crenate-serrate. [Fig. 21.21] . . . . . **B. bracteosa**
118-2. Capsule-wings equal or subequal; blades obscurely cut to entire.
119-2. Mature blades acuminate.
120-1. Blades almost twice as long as wide, completely glabrous.
120-1a. Blades almost twice as long as wide, glabrous; pistillate tepals 5, ovary, usually bright red, 3 subequal; narrowly deltate wings with rounded angles tapering to a cuneate base. [Fig.S204, icon] . . . . . **B. erythrogyna**
120-2. Blades much less than twice as long as wide.

SUBKEY 29

1-1. Bracts persistent.
2-1. Petioles 5-15 times shorter than the blade.
3-2. Blades elliptic to broadly lanceolate or ovate, mostly less than 3 times as long as broad.
6-1. Stems with straight, spreading setae or stiff hairs.
7-1. Hairs glandular, upper leaves opposite. [Sine figura] . . . . . **B. teysmanniana**
7-2. Hairs eglandular; leaves all alternate.
2-2. Petioles elongate, mostly less than 5 times shorter than the blade.
14-2. More or less vestite at maturity.
19-1. Margin entire or regularly or finely cut.
20-1. Blade apex acute to acuminate.
21-1. Margin entire; outer staminate tepals orbicular, red-pubescent; ovary globose, unequally alate. [Fig. S205] . . . . . **B. scharffii**
21-2. Margin serrate; outer staminate tepals broadly ovate, subacute, glabrous; ovary turbinate, equally short horned.

SUBKEY 30

1-1. Bracts persistent.
2-2. Margins regularly cut to entire.
23-2. Blades distinctly cordate or semicordate at base.
29-1. Staminate tepals 2.
30-1. Stipules ovate, acute, imbricate, to 40 mm. long.
30-1a Stipules ovate-acuminate, 13 mm long, 5 mm. wide. [Fig. S206] . . . . . **B. humbertii**
30-1b. Stipules ovate-oblong, acute to acuminate, slightly keeled at tip, entire, 14-19 mm long, 6-8 mm wide. [Fig. S207, icon] . . . . . **B. chlorosticta**
30-2. Stipules lanceolate, acuminate, separate, 6 mm long.
1-2. Bracts deciduous.
36-1. Margins duplicate-dentate or sublobate.
37-2. Blades distally curving to a subacute to acuminate apex, mostly elliptic to oblong.
52-1. Ovary-or capsule-wings strongly unequal.
53-1. Stipules persistent.
54-2. Staminate tepals 4.
58-2. Blades sinuate with broadly curved sinuses between major projections.
59-2. Peduncles 2-3 times as long as the petioles.
60-1. Blades acute. [Fig. S242] . . . . . **B. riedelii**
60-2. Blades with smaller end rounded.
53-2. Stipules deciduous.
61-1. Staminate tepals 2.

62-2. Blades about 2. times as long as wide, concolorous.
63-2. Petiole to 4 times shorter than the blade.
64-1. Anthers narrow, obovate-oblong or ovate-oblong; connective produced.
65-1. Pistillate bracteoles deciduous; tepals as broad as long.
65-2. Pistillate bracteoles persistent; tepals distinctly longer than broad. [Fig. S208] ..... **B. magdalenae**
36-2. Margins finely and subregularly cut to entire.
88-2 Margins obscurely and laxly dentate to entire.
101-1. Staminate tepals 2
102-2. Blades concolorous.
105-1. Capsule-wings distinctly unequal.
106-2. Smaller capsule-wings semiorbicular.
107-2. Stipules deciduous.
108-1. Blades acuminate; largest capsule-wing semiorbicular,
108-2. Blades acute or apiculate; largest capsule-wing broadly ovate with nearly straight ascending upper margin. [Sine figura] ..... **B. pseudoglauca**
101-2. Staminate tepals 4, rarely 3.
111-1. Capsule wingless or barely ridged; anthers linear or oblong.
112-1. Pistillate tepals 5, ~3mm long.
112-1a. Pistillate tepals 4, outer ovate to obovate 15-25 mm long, inner obovate to oblong 10-17 mm long. [Fig. S227, icon] ..... **B. salesopolensis**
112-2. Pistillate tepals 6, 14-16 mm long.
111-2. Capsule with well-developed wings.
113-1. Capsule-wings distinctly unequal.
114-1. Stipules ample, persistent, spreading to reflexed.
114-1a. Stipules ample, persistent, oblong, obtuse apex long mucronate. [Fig.S209] ..... **B. dominicalis**
114-2. Stipules 10 mm long.
113-2. Capsule-wings equal or subequal.
115-1. Inflorescence 1-2. times dichotomous, few-flowered.
116-1. Staminate tepals 8-9 mm long; capsule-wings subtriangular.
116-1a. Outer staminate tepals broadly triangular; inner triangular, longer; capsule-wings subtriangular, truncate, obtuse.[Fig. 27.24] ..... **B. cristata**
116-2. Staminate tepals 22-25 mm long; capsule-wings lunate.
115-2. Inflorescence 3-4 times dichotomous, many-flowered.
117-1. Blades concolorous green above, red beneath.
117-1a. Blades concolorous green above, lighter green beneath. [Fig. S210] ... **B. macduffieana**
117-2. Blades finely white spotted above.

SUBKEY 31

1-1. Blades evenly serrate to entire.
2-1. Blades acuminate.
3-1. Outer tepals glabrous.
4-1. Petiole bearing lacerate scales.
4-1a. Petioles covered in persistent, closely and finely lanate, soft, tan scales. [Fig. S211] ..... **B. pinheironis**
4-2. Petioles bearing simple hairs.
3-2. Outer tepals vestite.
6-2. Ovary 3-celled.
7-1. Bracts attenuate, entire; indument of simple hairs. [Fig. 29.8] ..... **B. scharffiana**
7-2. Bracts suborbicular, fimbriate; indument of stipulate-glandular.

8-1. Outer tepals variously vestite or uneven.
9-2. Capsule alate.
10-2. Outer tepals pubescent or glandular-hispid; inflorescence once dichotomous.
11-1. outer staminate tepals ovate, acute, 17-25 mm long, deep red, adpressed-pubescent.
11-2. Outer staminate tepals elliptic, rounded, 6 mm long, pale rose, glandular hispid.
11-2a. Outer staminate tepals oblate, 3.5-7 mm long, 5-9 mm wide, yellowish-green; inner tepals long-ovate or obovate-oblong, 2.8 mm long, 2. mm wide. [Fig. S212, icon] . . . . **B. biflora**

SUBKEY 32

1-1. Blades irregularly and densely cut, i.e., doubly dentate, doubly serrate or sublobate.
2-2. Capsule-wings distinctly unequal.
9-2. Petiole-trichomes spread out
14-2. Blades even between nerves.
16-1. Staminate tepals 2.
17-2. Blades without lateral acuminate projections; flowers few and lax at end of the branches.
18-1. Blades acuminate.
19-2. Margin eciliata or the cilia colorless.
20-2. Stems cylindric.
21-1. Blade-lobes few subapical, long-attenuate, with broad, flat sinuses.
21-1a. Blade-lobes shallow, marginally irregularly at ends of major nerves, with very broad flat sinuses. [Fig. S213, icon] . . . . . **B. molinana**
21-2. Blade-lobes with narrow sinuses.
16-2. Staminate tepals 4.
25-1. Blades acuminate or narrowly triangular toward apex.
26-2. Margins not red ciliate.
27-2. Smaller capsule-wings well developed, more than 1mm wide centrally.
33-2. Blade-margins eciliata or with colorless cilia.
35-2. Indument non-glandular.
36-1. Placentas bilamellate. [Sine figura] . . . . . **B. subviridis**
36-2. Placentas simple. [Sine figura] . . . . . **B. toledoana**
1-2. Blades evenly serrate or crenate to entire.
47-1. Capsule-wings subequal to nearly entire.
48-1.Outer tepals vestite.
49-1. Blades bullate. [Sine figura] . . . . . **B. areolata**
49-2. Blades even..
50-2. Blades concolorous, rounded except at apex.
51-2. Inflorescence more than once dichotomous.
53-1. Capsule-wings broad, rounded; anthers cuneate-oblong.
54-1. Petioles sulcate, stellate-pubescent; placentas bilamellate.
54-1a. Petioles longitudinally angled, curly brownish- pubescent; placentae bilamellate. . . . . [Fig. S214, icon] . . . . . **B. daxinensis**
54-2. Petioles even bearing very large, amplexicaul scales toward apex; placentas simple.
48-2. Outer tepals glabrous or glabrescent.
56-2. Placentas bilamellate.
57-2. Petioles bearing simple hairs.
58-1. Capsule with long, apical column.
58-2. Capsules without an apical column; wings broadly rounded.
58-2a. Capsule-wings lunate appressed to capsule. [Fig. S215, icon] . . . . . **B. sino-veitnamica**
47-2. Capsule-wings strongly unequal.
61-2. Petiole-trichomes spread out along the petiole.
65-2. Outer tepals glabrous or glabrescent.

76-1. Blades broadly rounded or subacute or apiculate at apex.
77-1. Placentas simple.
78-2. Inflorescence 3-5 times dichotomous.
79-2. Ovary 3-winged.
80-1. Anthers obovoid, truncate; blades orbicular, densely ciliate.
80-2. Anthers narrow, the connective produced, rounded; blades elliptic, not notably ciliate.
80-2a. Anthers subsessile, linear; connective produced, obtuse; blades suborbicular, oblique, acute or acuminate. [Fig. S216] . . . . . **B. pluvialis**
77-2. Placentas bilamellate.
82-1. Largest capsule-wing as wide to much wider than high, the others very narrow.
82-1a. Largest capsule-wing as wide as high, next a little narrower, the other very narrow, all triangular. [Fig. S217] . . . . . **B. rumpiensis**
82-2. Largest capsule-wing not much if any wider than high, one or two others nearly as large.
83-2. Anthers obovoid; outer staminate tepals ovate; ovary 2-celled.
84-1. Staminate tepals 4; pistillate tepals 5.
84-2. Staminate tepals 2; pistillate tepals 3-4. [Fig. S218] . . . . . **B. nepalensis**

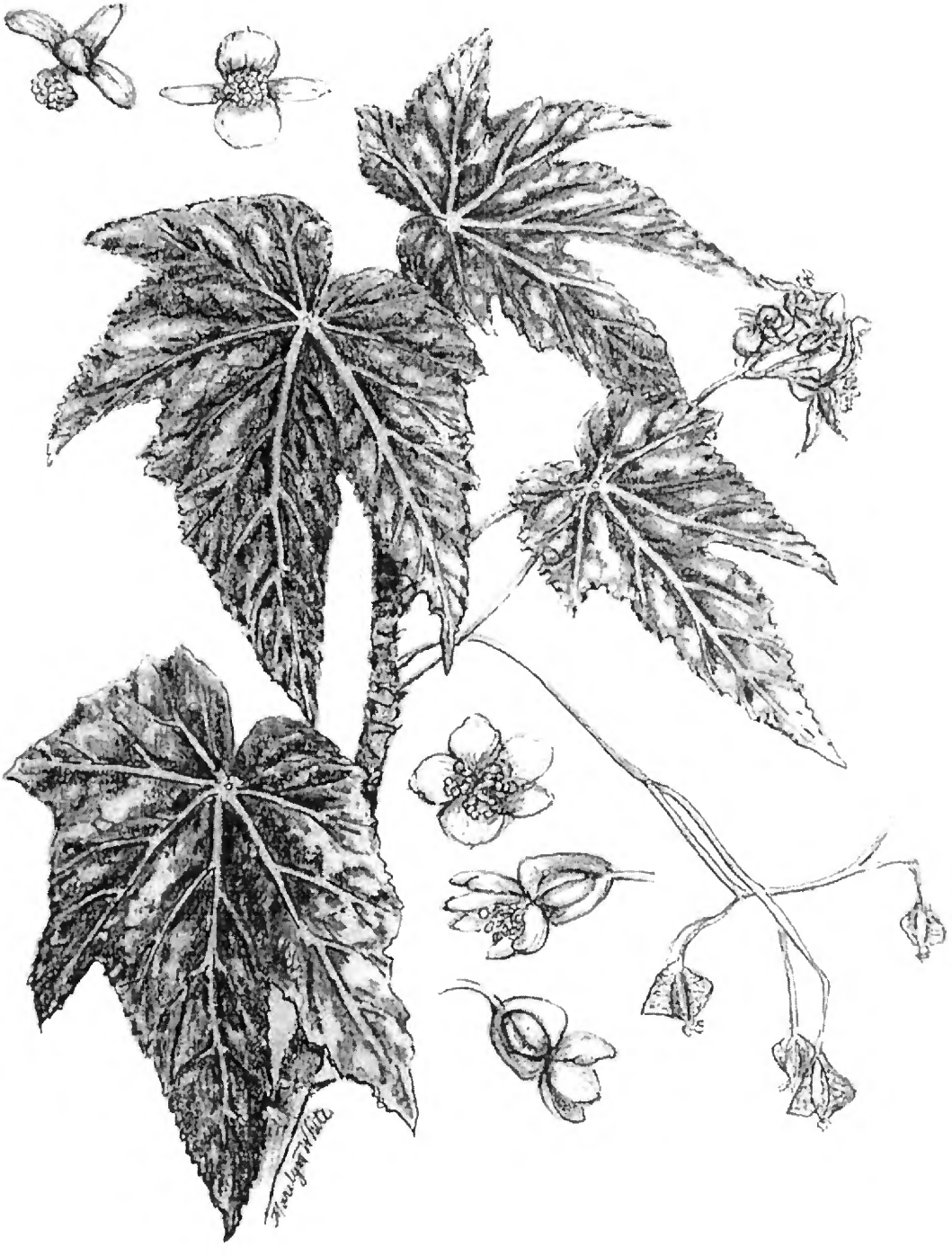
SUBKEY 33

1-1. Capsule-wings equal or lacking.
2-1. Blades acuminate or attenuate.
3-2. Blades concolorous above, acuminate.
4-1. Margins entire or evenly cut.
5-1. Stem simple; stipules oblong-ovate, acuminate, ~8 mm long; anthers narrowly obovoid.
5-2. Stem branched; stipules oblong-obovate, obtuse or mucronate; anthers linear-oblong; inflorescence 5 time dichotomous.
5-2a. Stem branched; stipules small, caducous; anthers linear, long, obtuse; inflorescence 3 times dichotomous. [Fig. S219] . . . . . **B. comorensis**
1-2. Capsule-wings strongly unequal.
12-1. Blades duplicate-dentate or sublobate.
13-1. Inflorescence 1-3 times dichotomous.
14-1. Flowers many at the ends of stout branches; basal bracts very large.
15-2. Plants glabrous; flowers 2 at the ends of slender branchlets.
16-1. Basal bracts fused, basal scar continuous.
16-2. Basal bracts separate, basal scar partial. [Fig. S220] . . . . . **B. subciliata**
13-2. Inflorescence 4-7 times dichotomous.
26-2. Blades acuminate.
29-2. Stipules deciduous.
30-1. Mature blades completely glabrous, non-ciliate; largest capsule-wing 9-10 mm wide.
31-1. Outer basal lobe of blade covering apex of petiole; blade without cystospheres; largest capsule-wing ovate.
31-2. Outer basal lobe of blade short, not covering apex of petiole; blade with cystospheres; largest capsule-wing semicordate on both sides. [Fig. S250] . . . . . **B. glaucoides**

SUBKEY 34

1-1. Blades broadly rounded or acute or apiculate.
2-1. Margins doubly dentate or sublobate.
3-2. Inflorescence 1-3 times dichotomous.
6-2. Stem long, exceeding the petioles.
9-1. Inflorescence once dichotomous.
10-1.Anthers linear; stem cylindric.

10-2. Anthers obovate.
10-2a. Anthers oblong, connective tissue extending in an oblong obtuse blade. [Fig. S221] .... **B. cacauicola.**
9-2. Inflorescence 2-3 ies dichotomus.
13-2. Bracts minute or deciduous.
14-2. Blades duplicate-dentate.
15-2. Capsule-wings rounded.
16-1. Peduncle branches, and pedicels elongate.
16-2. Peduncle branches and pedicels minimal. [Fig. S222] ..... **B. albomaculata**
2-2. Margins entire or regularly cut.
17-2. Inflorescence 2-6 timed dichotomous.
25-1. Inflorescence 5-6 times dichotomous.
26-2. Stems elongate, with long, slender internodes.
27-1. Placentas simple; blades soon glabrous beneath; bracts conspicuous.
27-1a. Placentas simple; blades very sparsely setulose with widely scattered white hairs above, glabrous below; bracts small, moderately persistent. [Fig. S223] ..... **B. mattos-silvae**
27-2. Placentas bilamellate; blades pilose beneath; bracts minute.



Begonia wollnyi Herzog, 1909
Emend. J. Golding, 1999

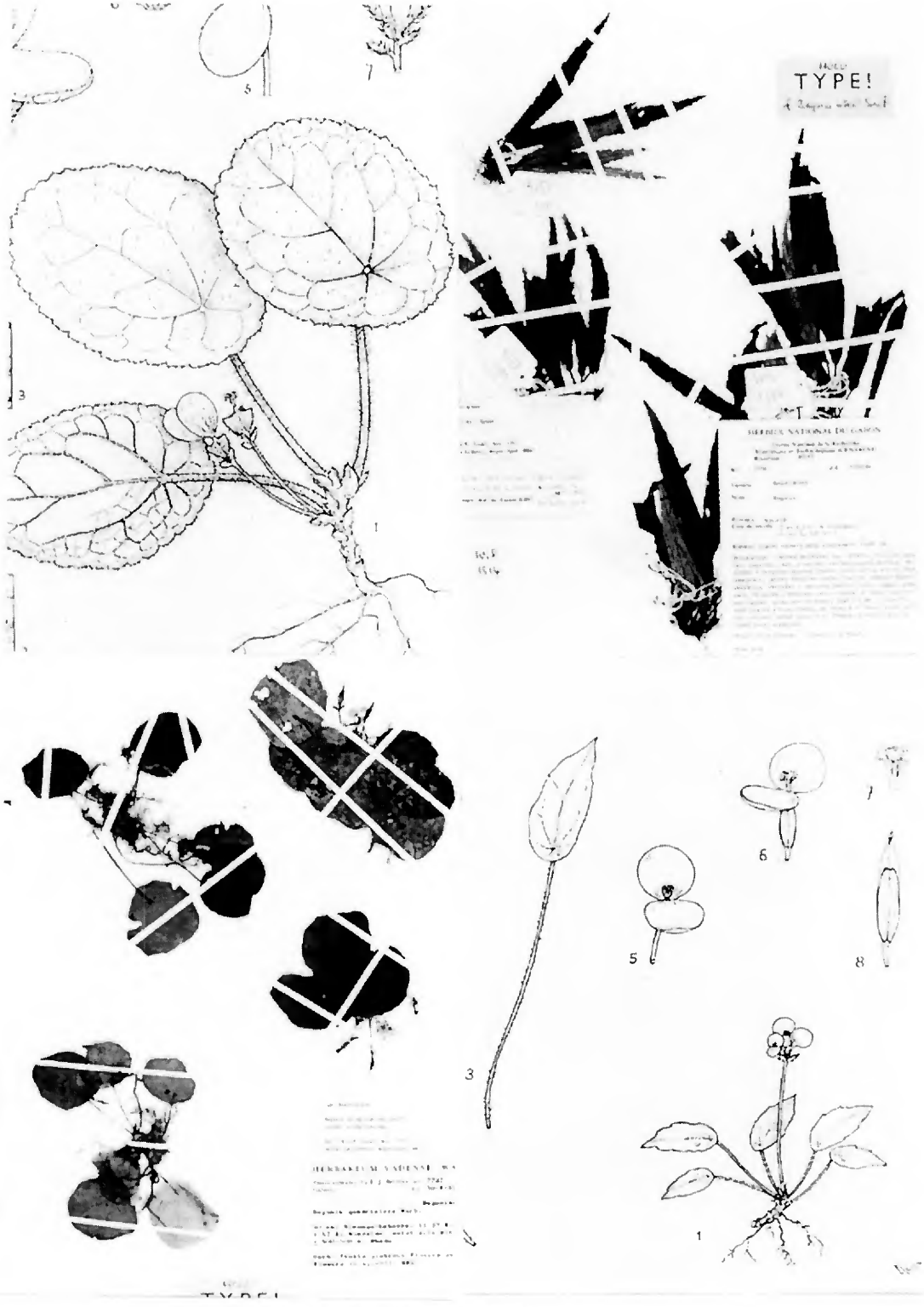
ILLUSTRATIONS

The illustrations of the old supplemental figures numbers, S1 through S41, are in *Begoniaceae Ed. 1*. The following new supplemental figures are numbers S42 through S253.

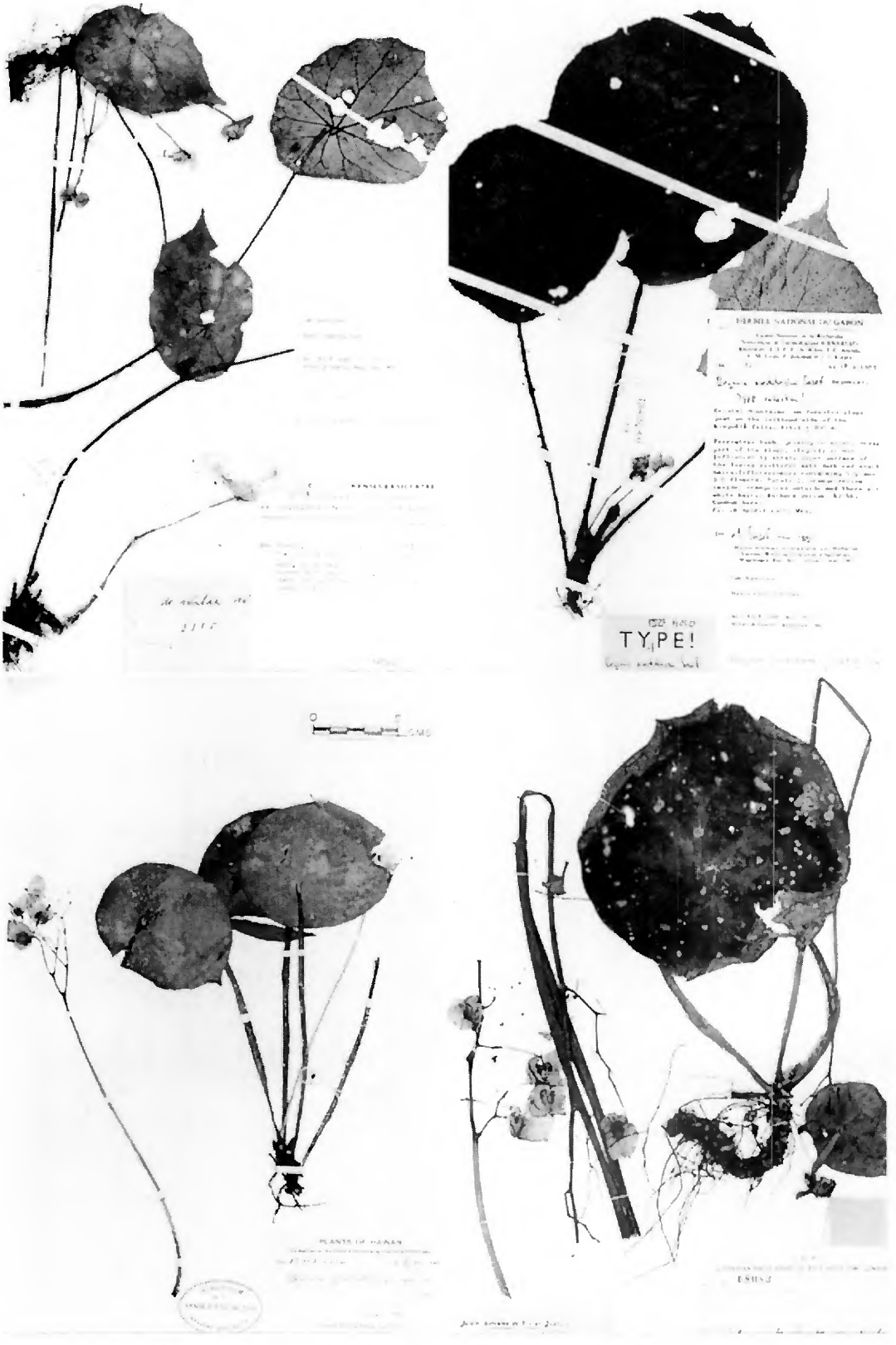
As far as possible, the illustrations are photos of the holotype or type specimens. Where the type specimens are lacking or in poor shape, we have resorted first to specimens that we believe are correctly identified or, second to plates and figures.

The illustrations are normally grouped four figures on a page. They are arranged consecutively from left to right and top to bottom. The legends are in sequence at the bottom of the page.

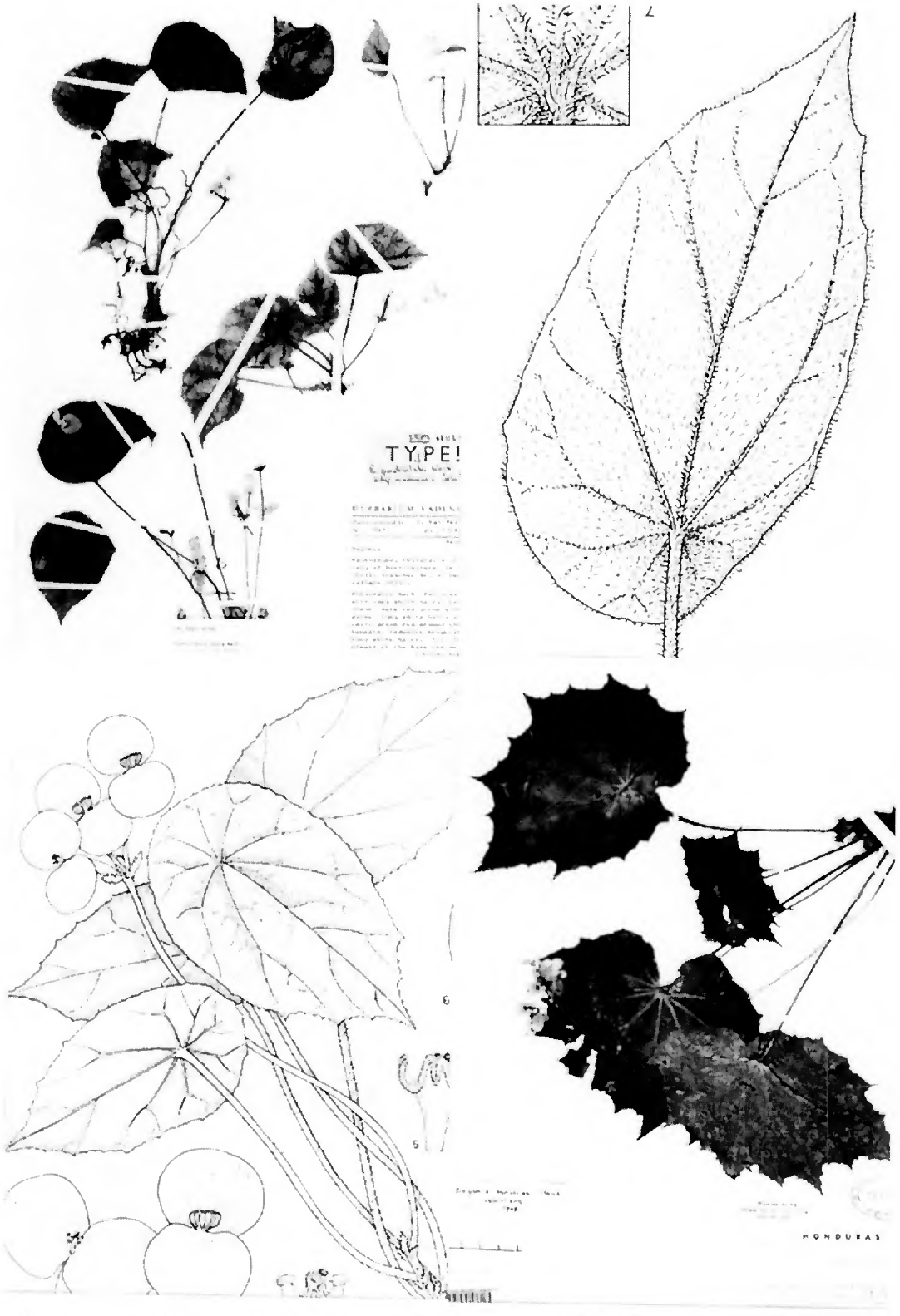
S42, **B, minuta**; S43, **B. dewildei**; S44, **B. duncan-thomasii**; S45, **B. susaniae.**



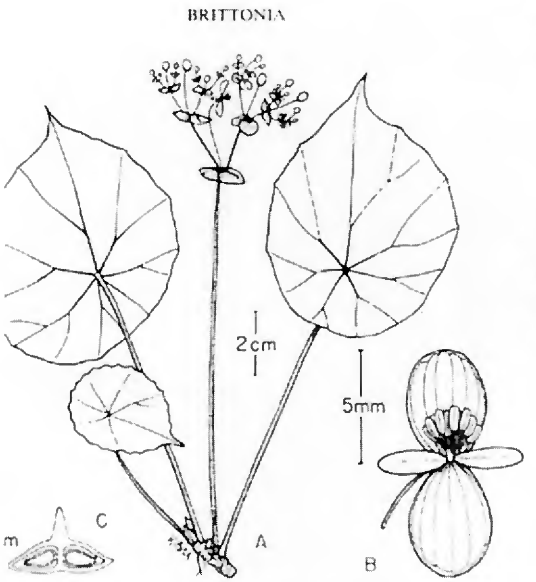
S46, **B. mbangaensis**; S47, **B. wilksii**;
S48, **B. atroglandulosa** subsp. **atroglandulosa**; S49, **B. atroglandulosa** subsp. **tshelaensis**.



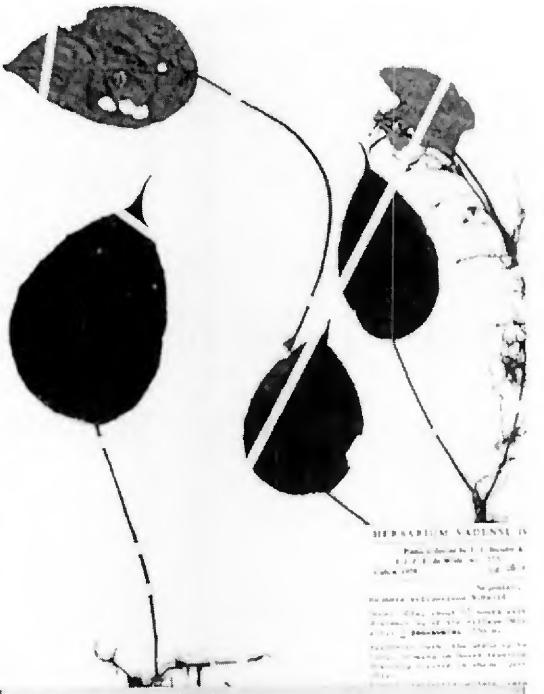
S50, **B. adpressa;** S51, **B. erectotricha;** S52, **B. peltatifolia;** S53, **B. santos–limae**.

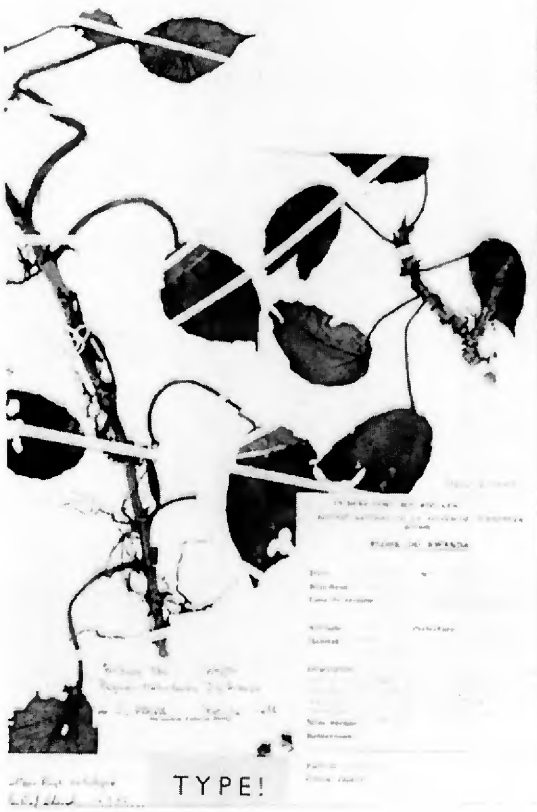


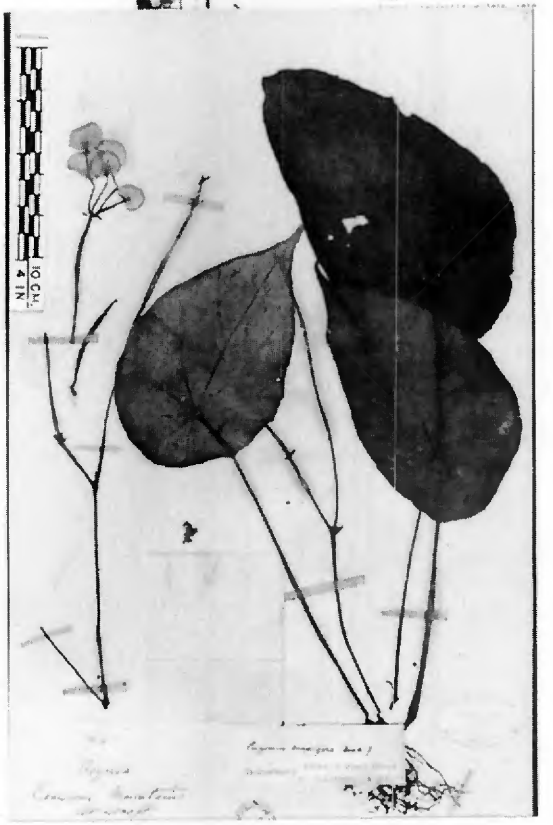
S54, **B. quadrialata** subsp. **nimbaensis; S55, B. letouzeyi;**S56, **B. pulcherrima.;** S57, **B. fonsecae.**



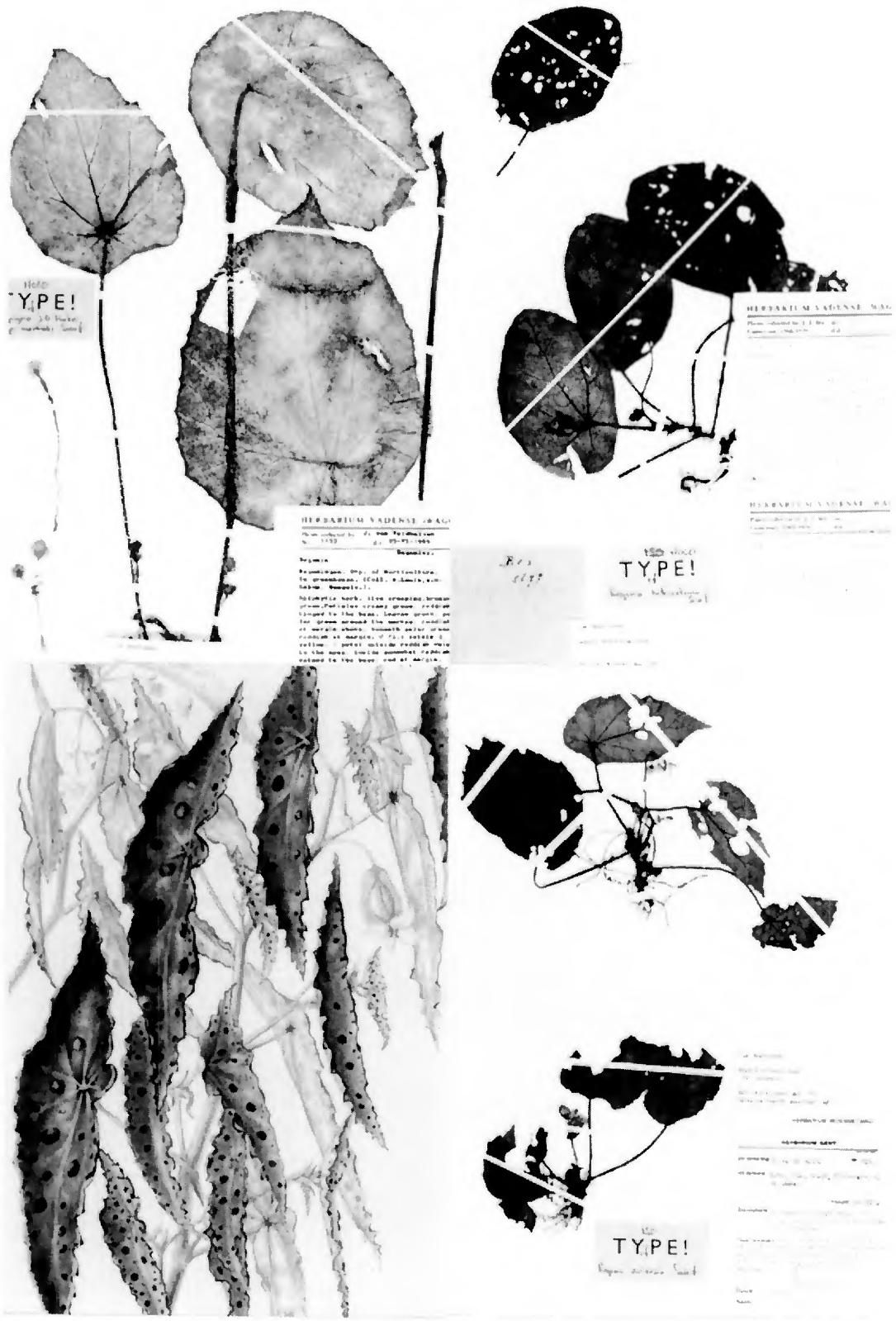
lyniceorum Burt-Utley. A. Habit. B. Staminate flower. C. Cross-secti
Villalobos C. & Navarrete 2529)



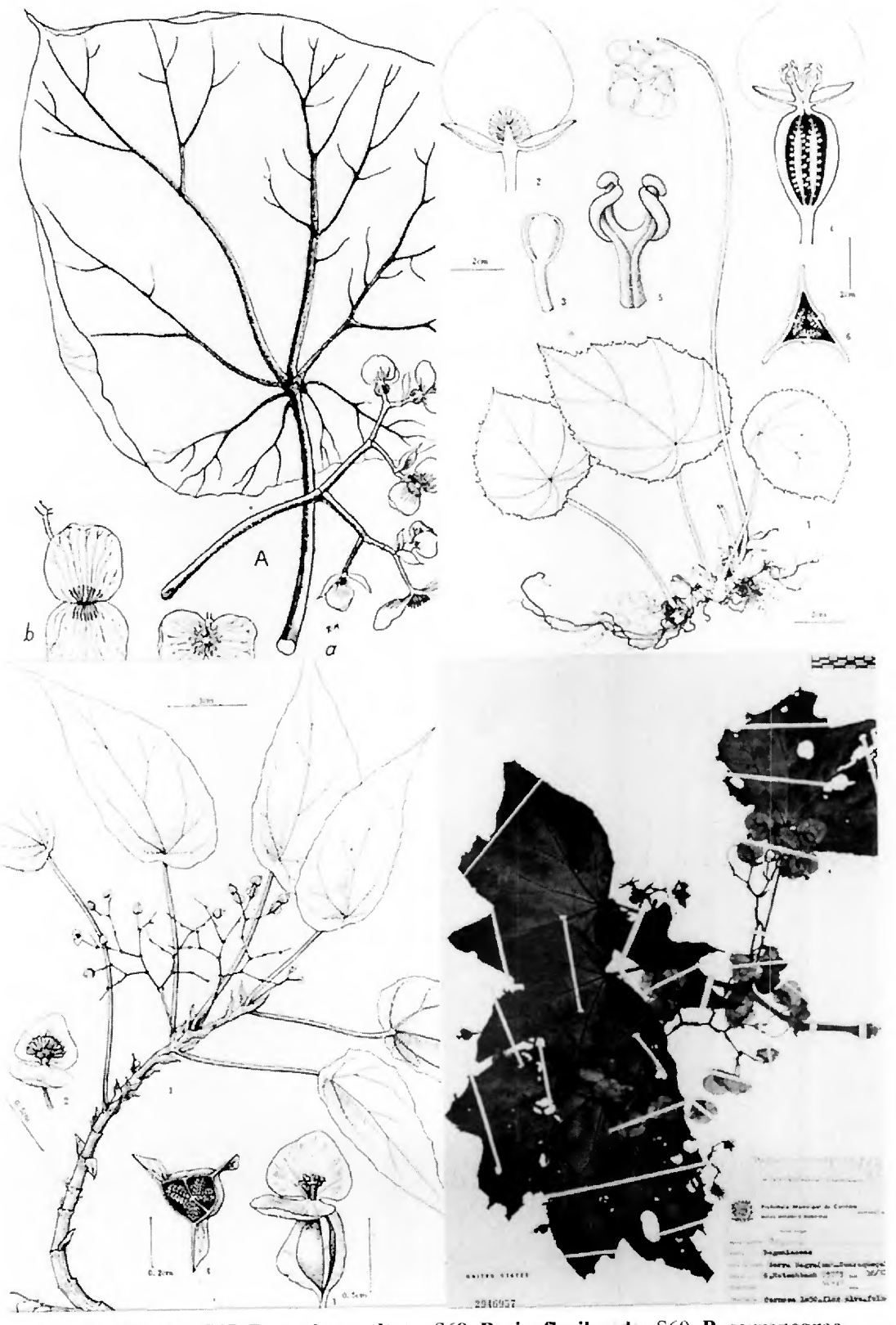




S58, **B. lyniceorum;** S59, **B. karperi;** S60, **B. rwandensis;** S61, **B. scapigera** subsp. **scapigera.**



B. scapigera subsp. **australis**; S63, **B. heterochroma**; S64, **B. amphioxus**; S65, **B. zairensis** var. **zairensis**.



S66, **B. crateris;** S67, **B. setuloso-peltata;** S68, **B. sinofloribunda;** S69, **B. serranegrae.**

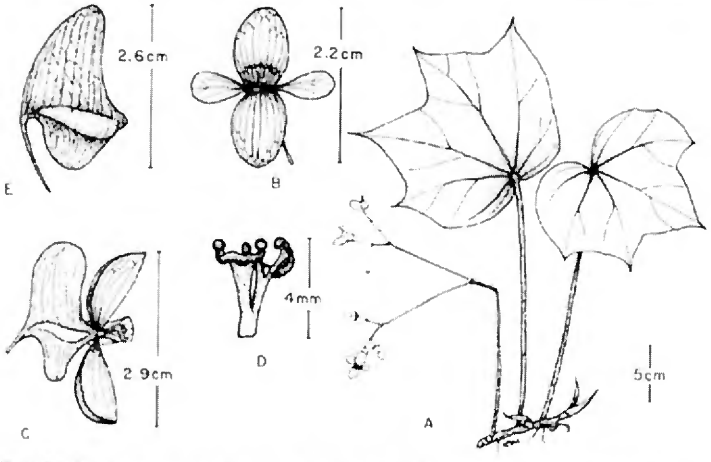
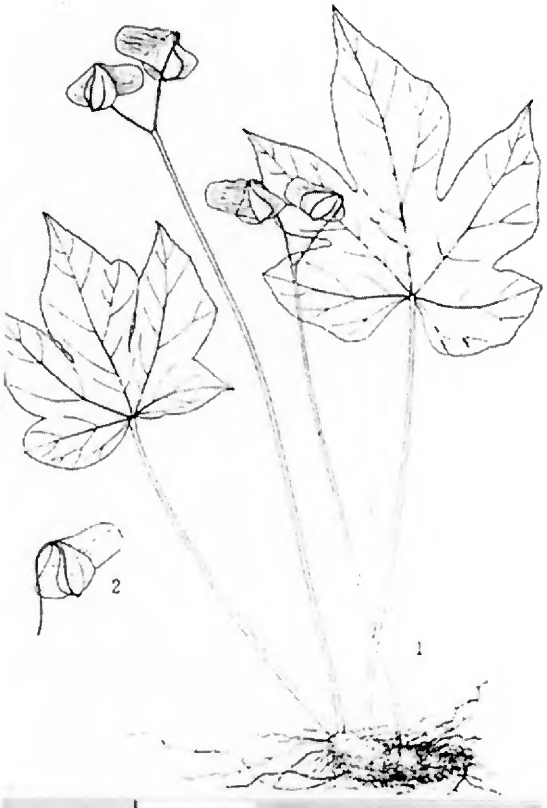


Figure 2. *Begonia almedana* Burt-Utley & Utley. — A. Habit. — B. Staminate flower. — C. Pistillate flower. — D. Stigmas. — E. Capsule prior to dehiscence. (From *Utley & Utley 8425*.)

S70, **B. roseibractea;** S71, **B. cariocana;** S72, **B. almedana.**

S73, **B. rubropunctata;** S74, **B. reflexisquamosa;** S75, **B. cucurbitifolia;** S76, **B. emeiensis.**



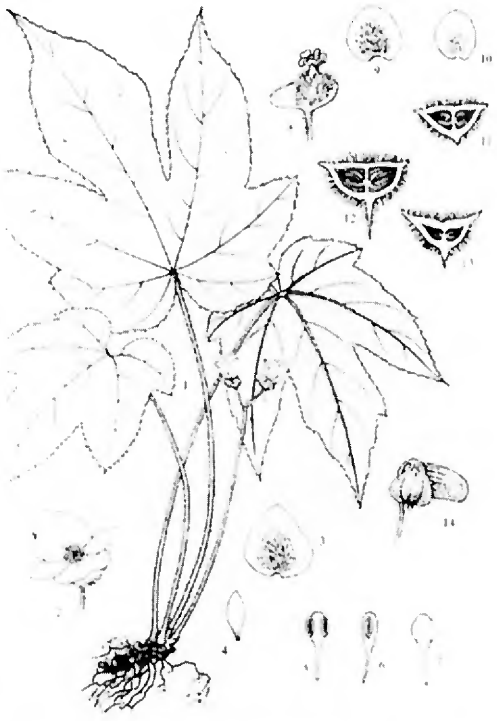
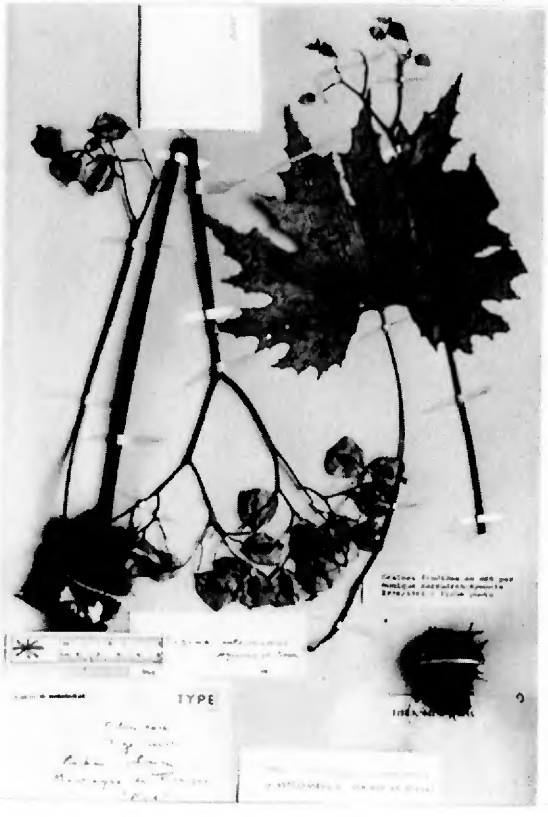
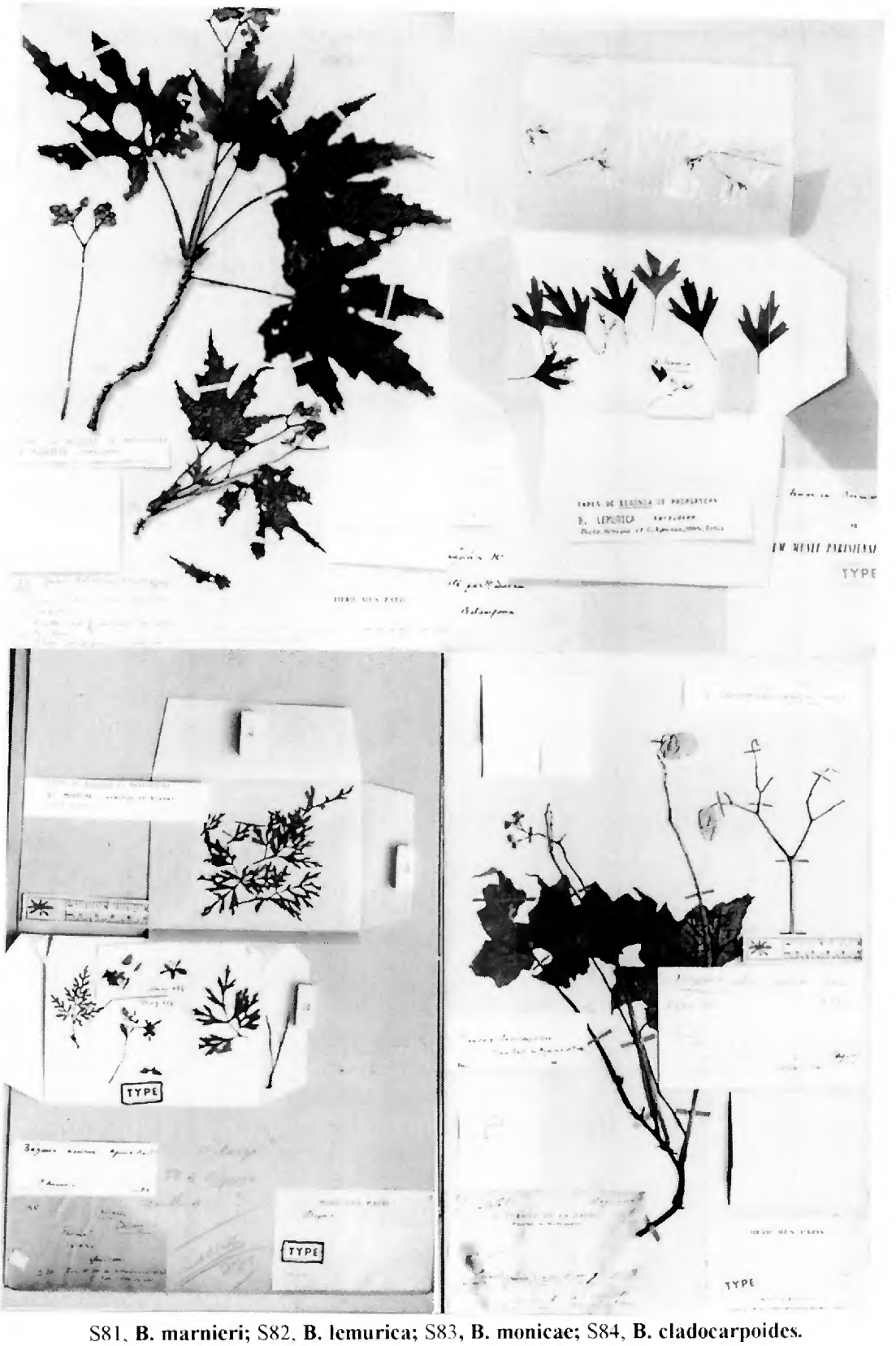


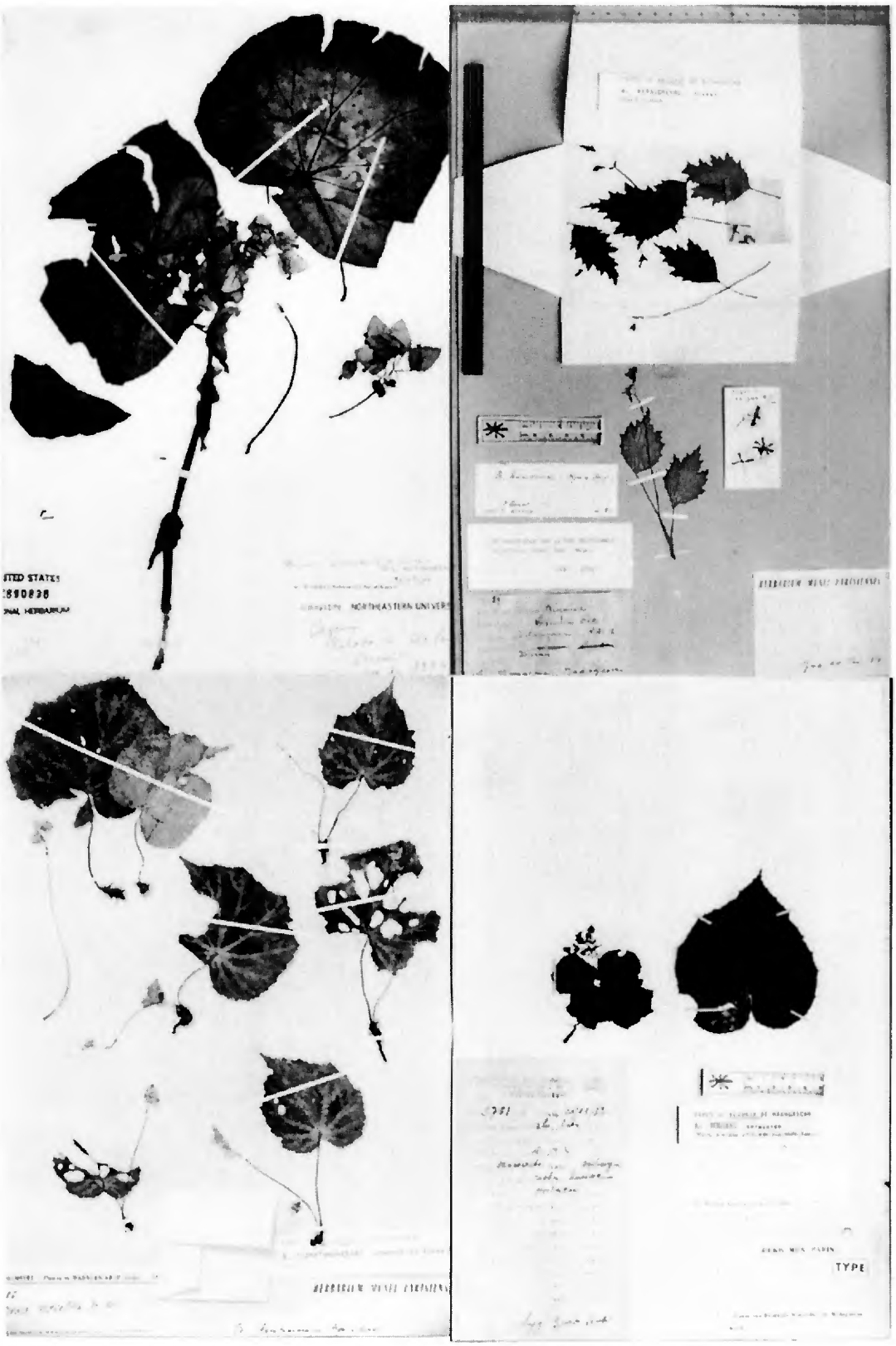
图 6 马关秋海棠 *Begonia maguanensis* S.H. Huang &



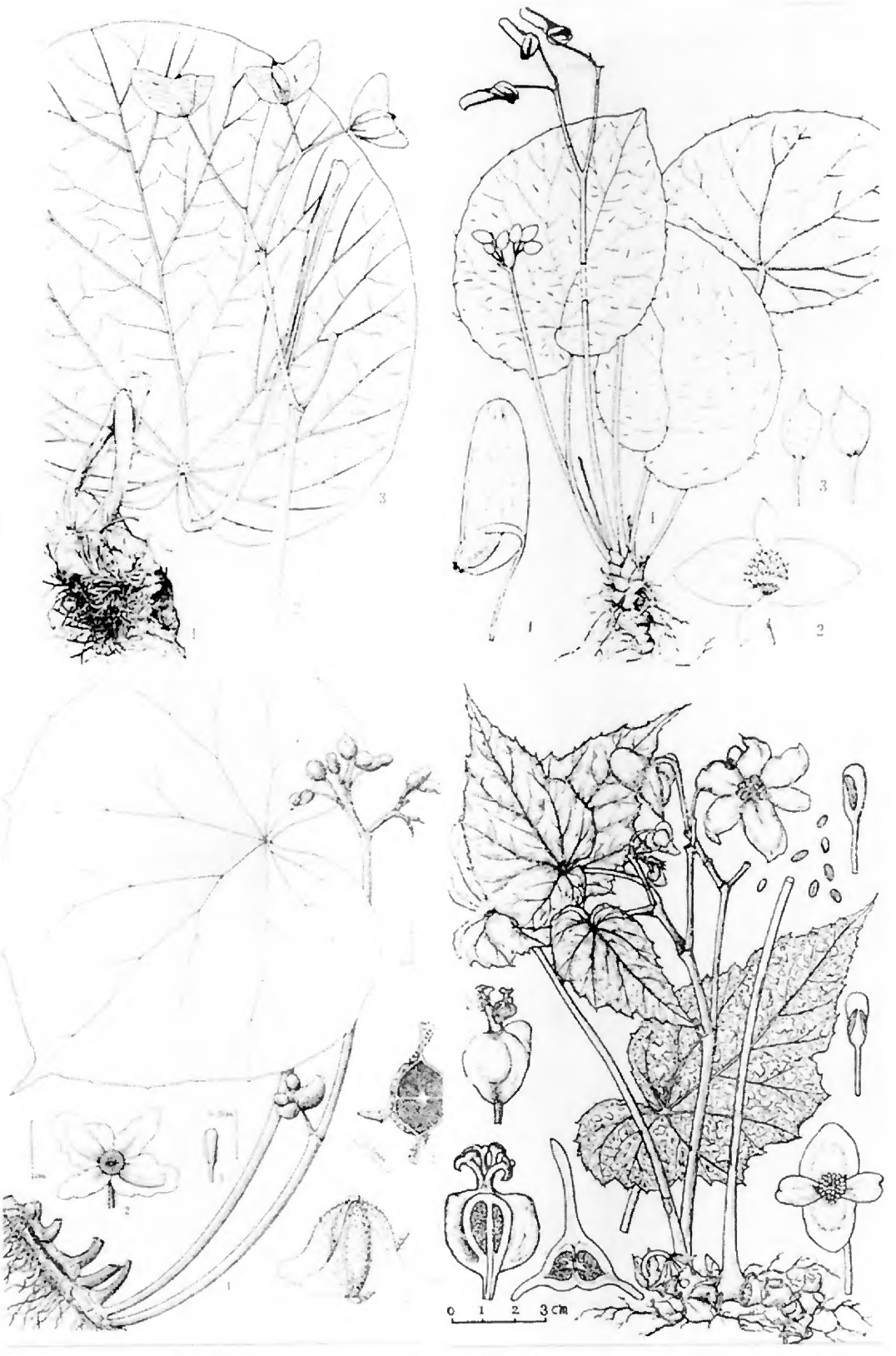
S77, **B. paucilobata**; S78, **B. maguanensis**; S79, **B. antsiranensis**; S80, **B. lithophila.**



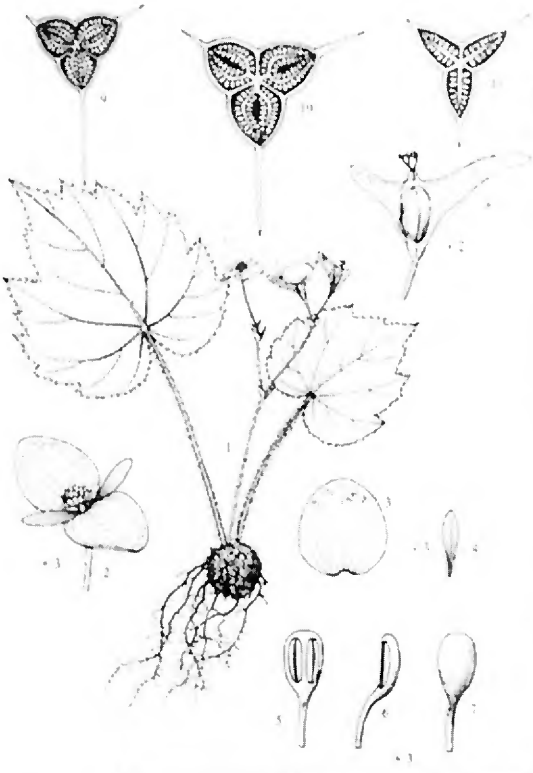
S81, **B. marnieri**; S82, **B. lemurica**; S83, **B. monicae**; S84, **B. cladocarpoides**.

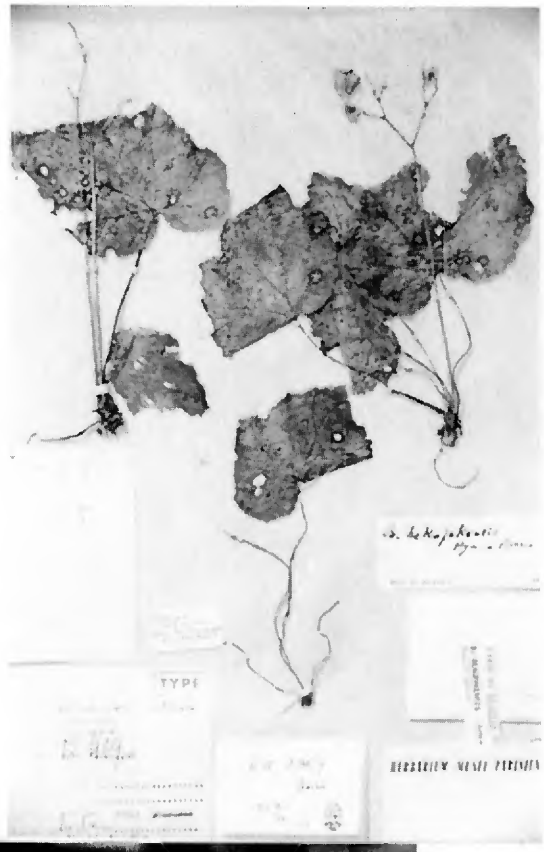


S85, **B. windischii;** S86, **B. keraudrenae;** S87, **B. tsaratananensis;** S88, **B. bosseri.**

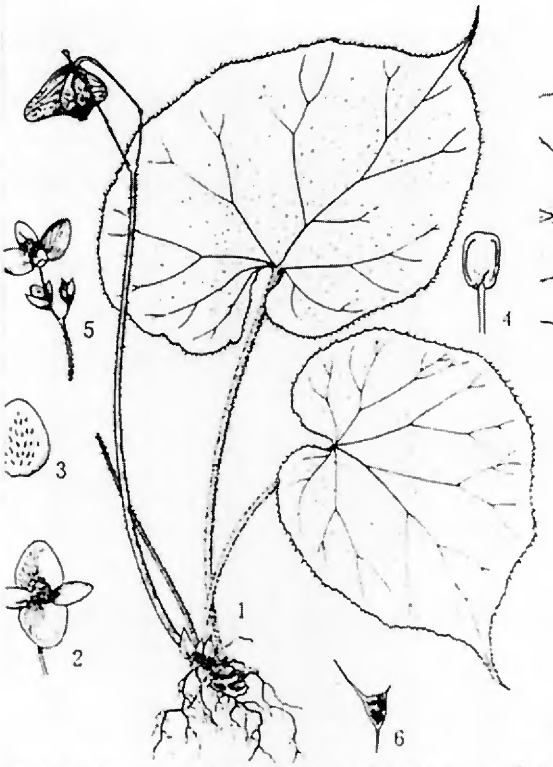


B. megalophyllaria; S90, **B. longiciliata**; S91, **B. longanensis**; S92, **B. formosana** var. **formosana**.





S93, **B. guishanensis**; S94, **B. bekopakensis**; S95, **B. flaviflora** var. **flaviflora**



刺秋海棠 1. 植株；2. 雄花；3. 外花被片；4. 雄蕊

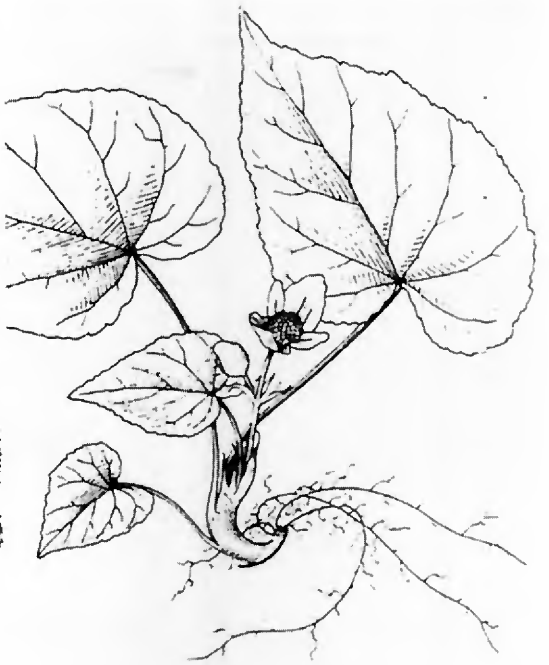
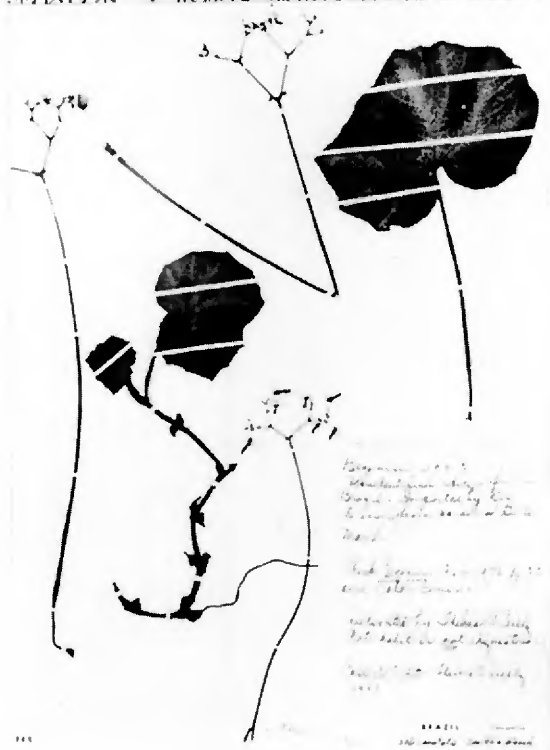
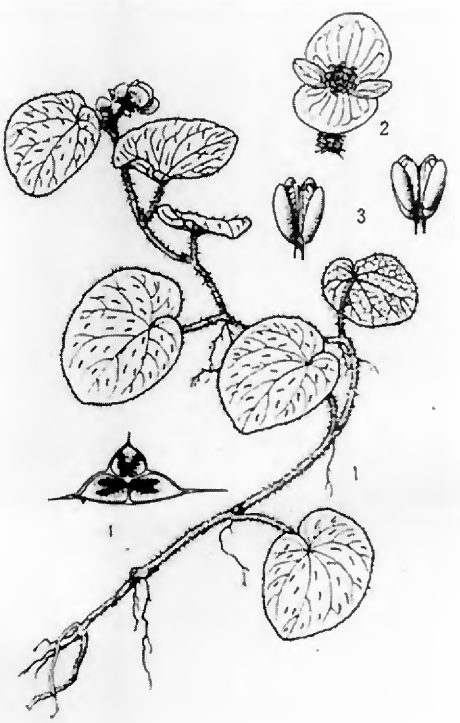


图11 信宜秋海棠 植株。(黄朝祯绘)
Fig. 11 *Begonia xinyiensis* habit.





S96, **B. brevisetulosa;** S97, **B. xinyiensis;** S98, **B. soli-mutata;** S99, **B. ruboides.**

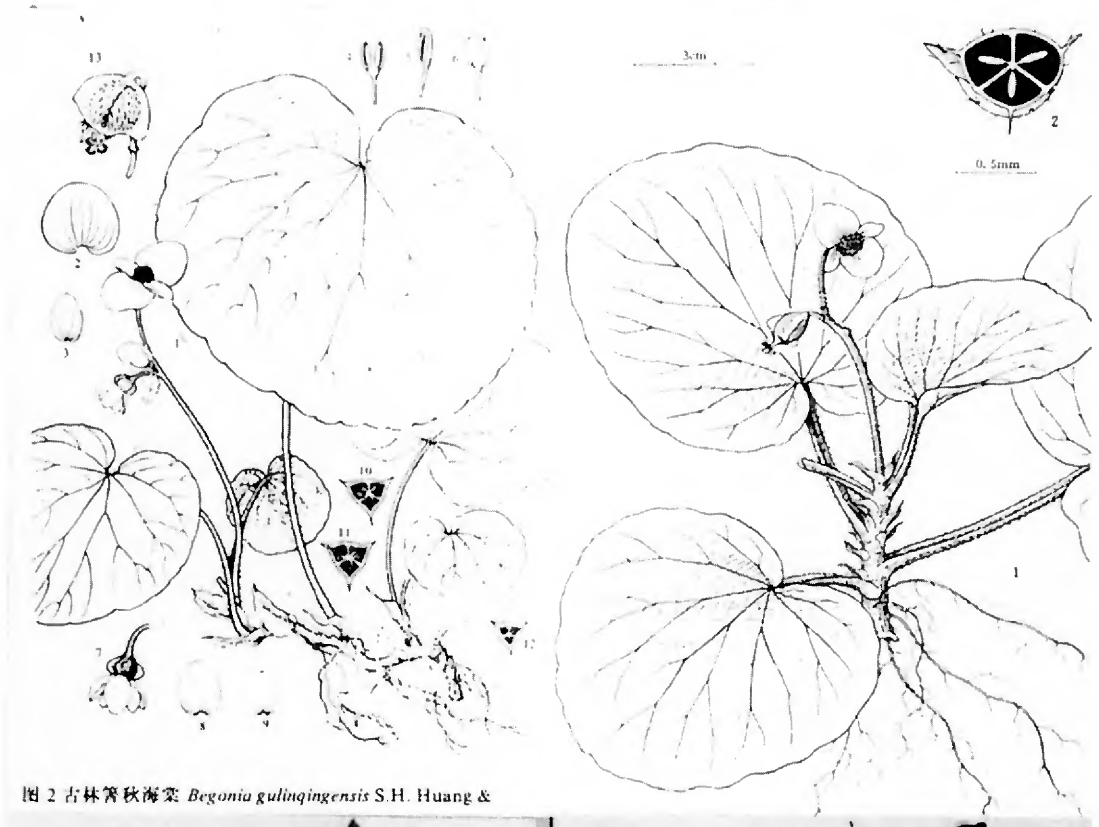
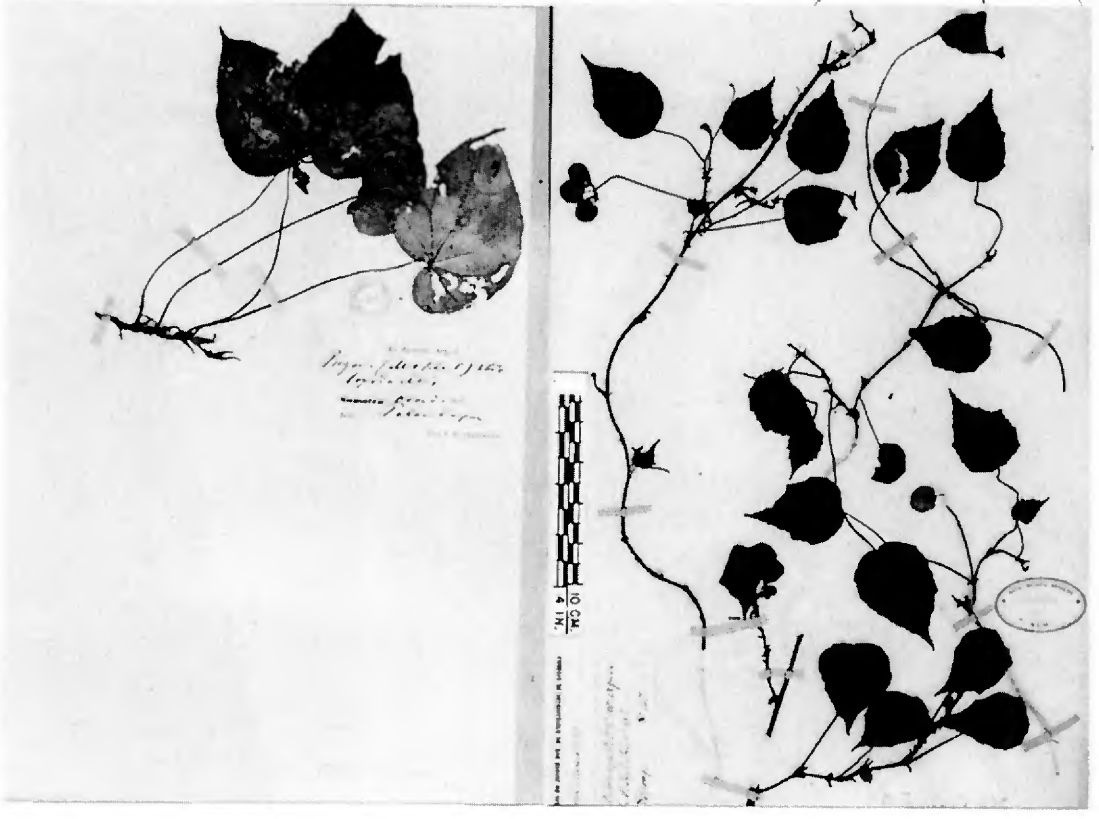


图 2 古林箐秋海棠 *Begonia gulinqingensis* S.H. Huang &



S100, **B. gulinqingensis;** S101, **B. sinobrevicaulis;** S102, **B. stictopoda;** S103, **B. thomeana**.

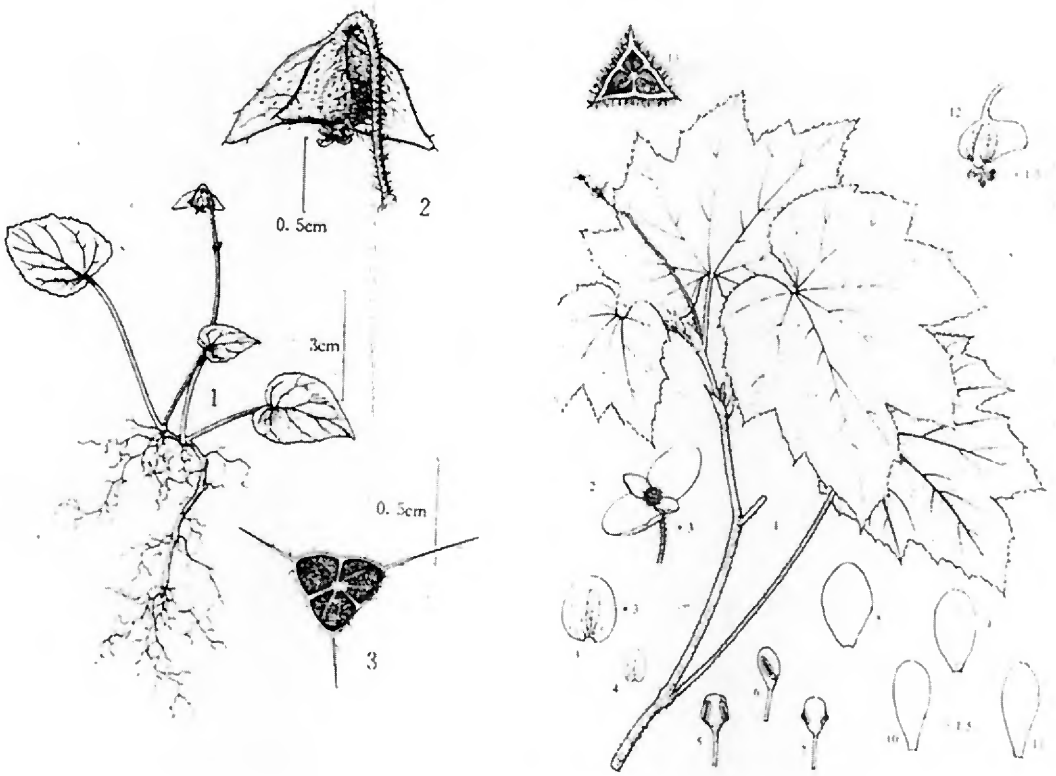
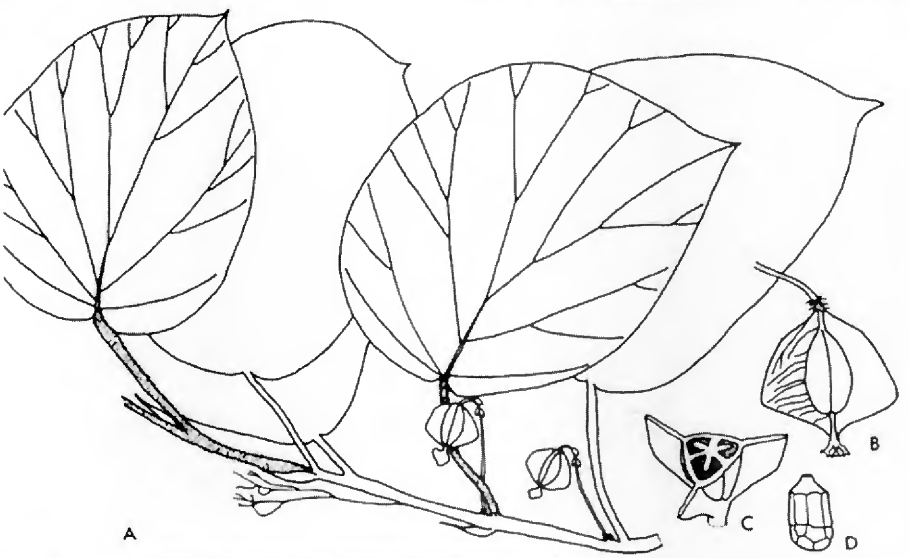


图 1. 麻栗坡秋海棠 *Begonia malipoensis* S.H.Huang & Shui.



S104, **B. fengii;** S105, **B. malipoensis;** S106, **B. corneri.**

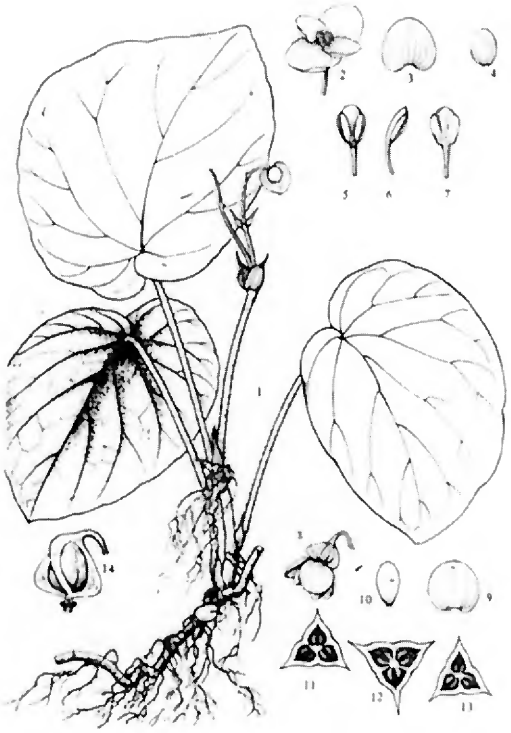
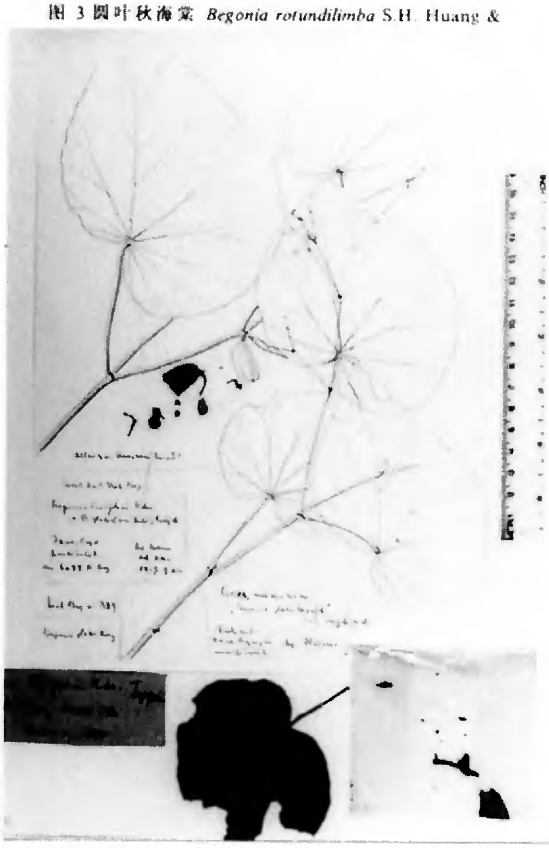


图 3 圆叶秋海棠 *Begonia rotundilimba* S.H. Huang &



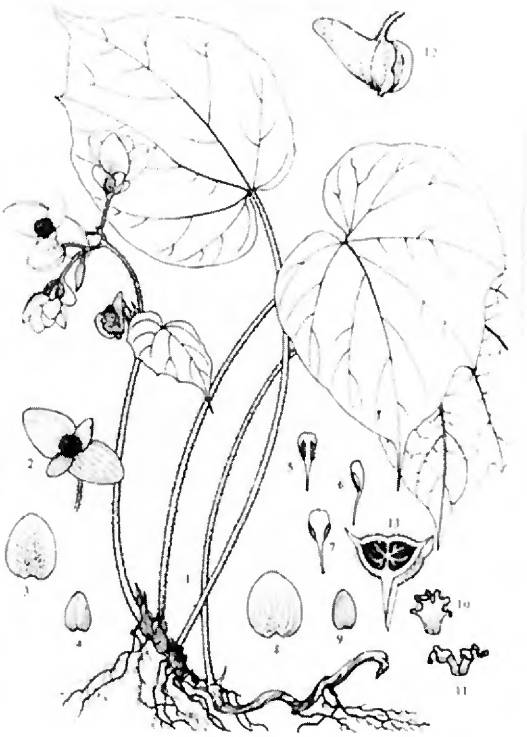
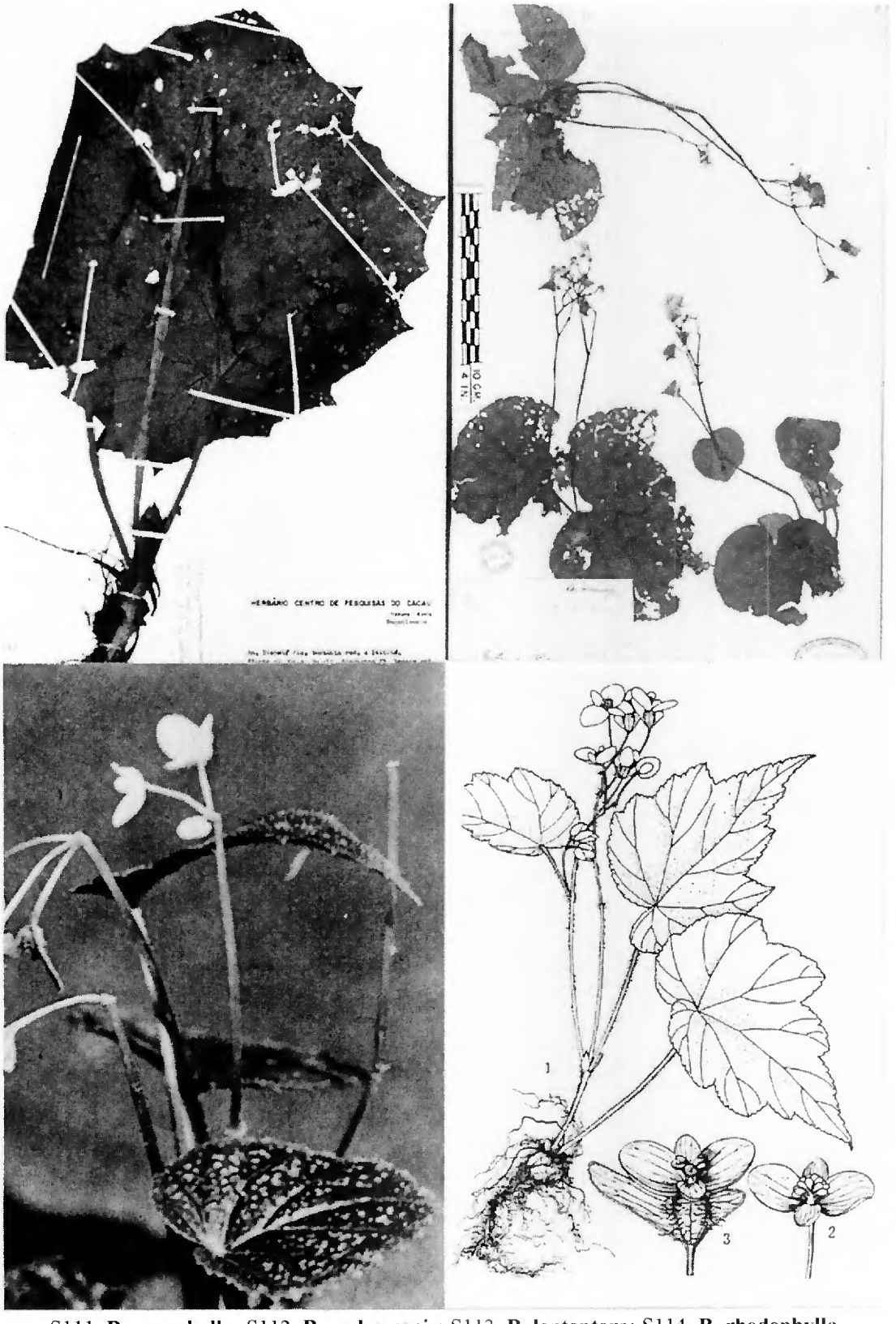


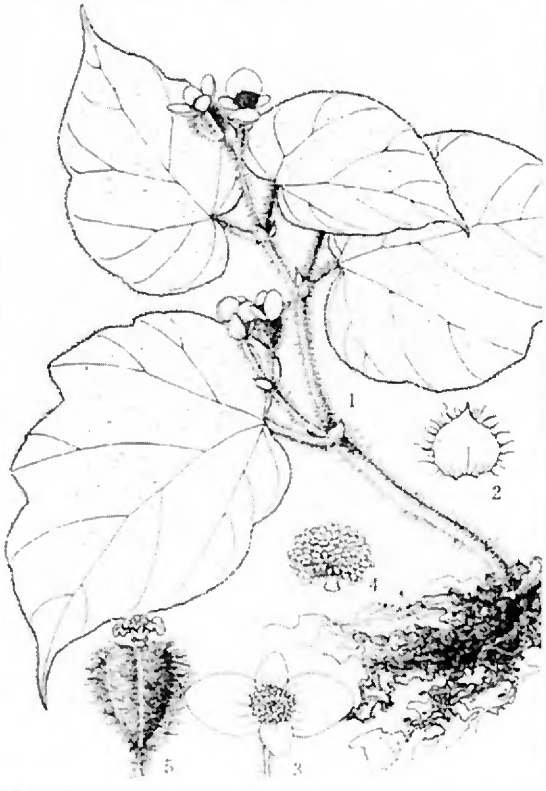
图 5 大围山秋海棠 *Begonia daweishanensis* S.H. Huang

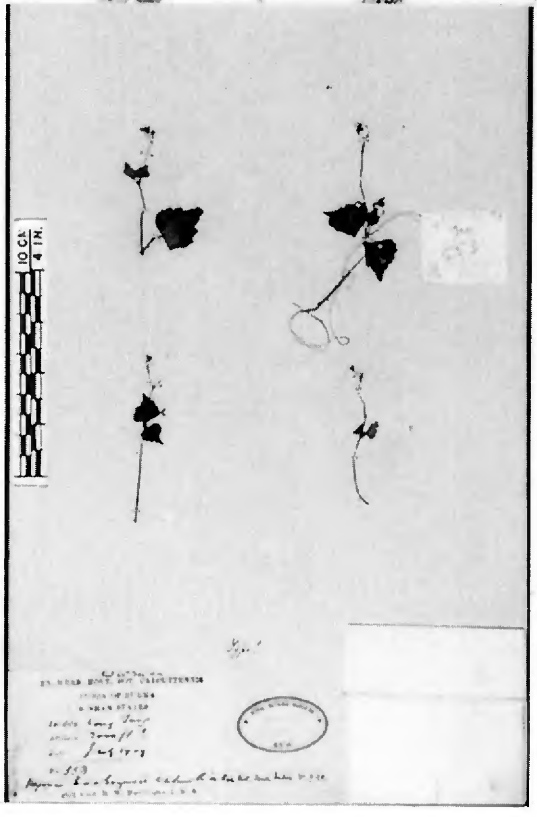
S107, **B. rotundilimba;** S108, **B. pingbienensis;** S109, **B. vuijckii;** S110, **B. daweishanensis.**



S111, **B. euryphylla;** S112, **B. andamensis;** S113, **B. leptoptera;** S114, **B. rhodophylla.**

图 8 紫叶秋海棠 *Begonia purpureofolia* S.H. Huang &

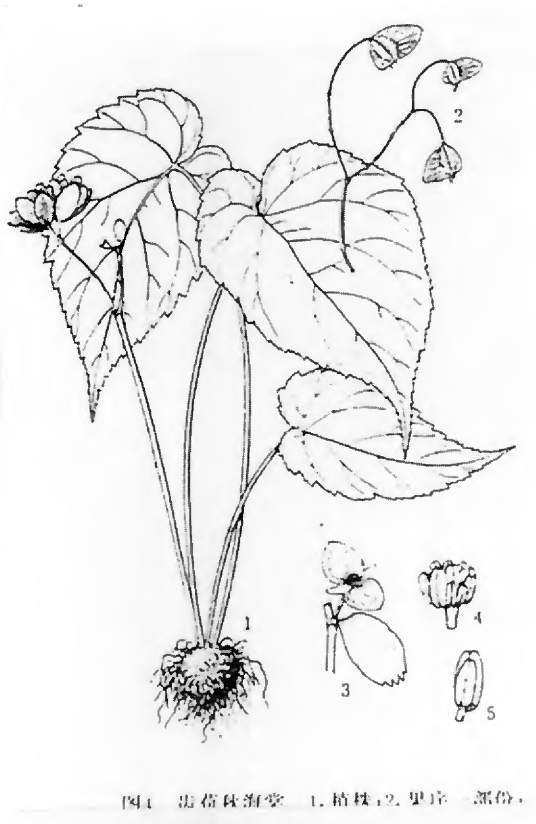




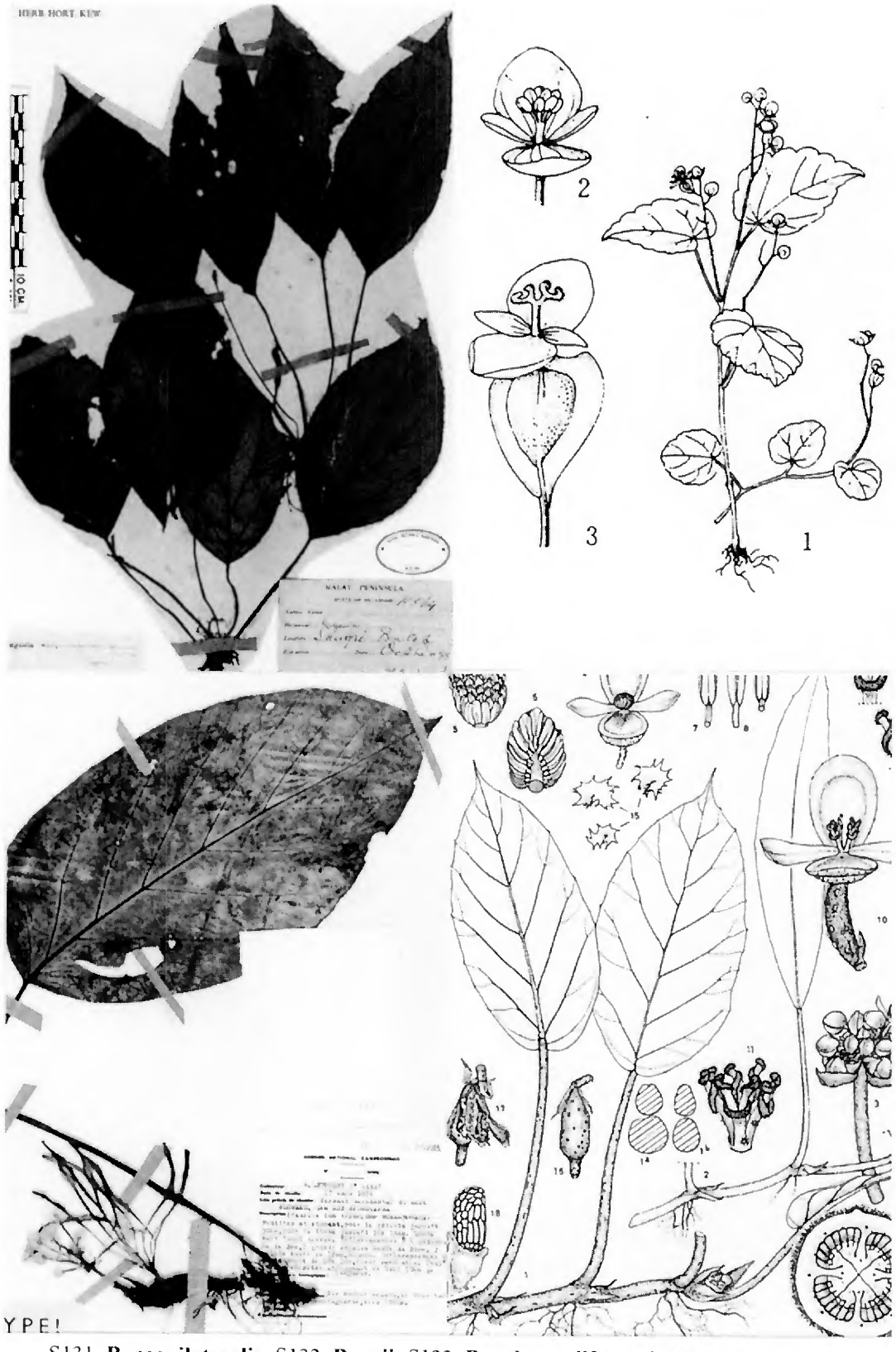
S115, **B. purpureofolia;** S116, **B. kinabaluensis; S117, B. polytricha;** S118, **B. burmensis.**

S119, **B. imbricata;** S120, **B. tsimihety;** S121, **B. razafinjohanyi;** S122, **B. longifolia.**

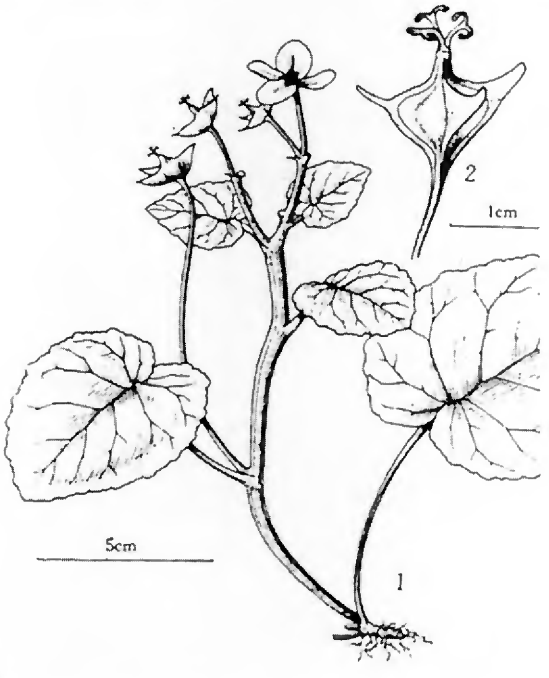
S123, **B. ravenii;** S124, **B. oxysperma;** S125, **B. bissei;** S126, **B. erectocaulis.**



S127, **B. stellata;** S128, **B. dentatobracteata;** S129, **B. lugonis;** S130, **B. oellgaardii.**



S131, **B. aequilateralis**; S132, **B. peii**; S133, **B. pelargoniiflora**; S134, **B. squamulosa**.



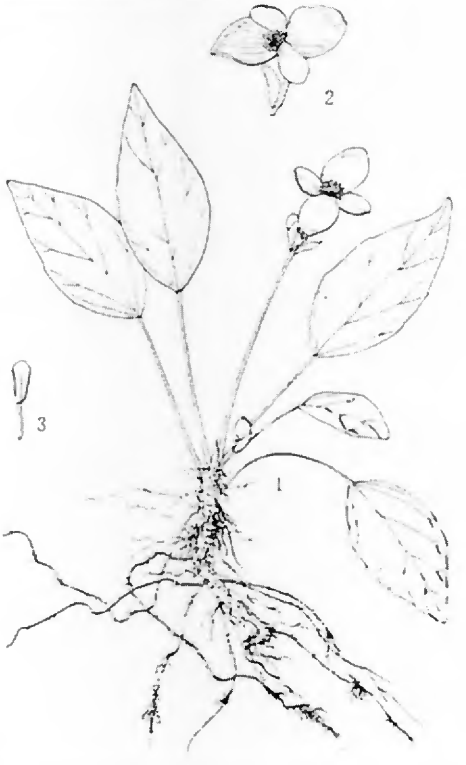
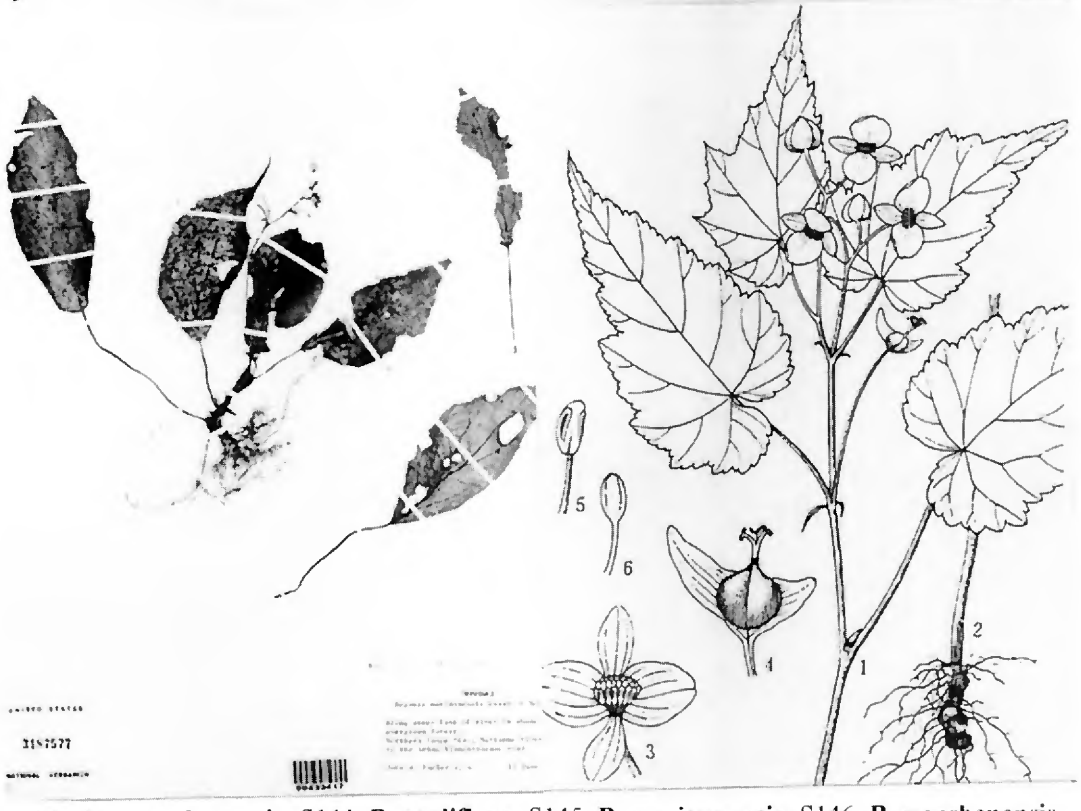


图3 册亨秋海棠 1. 植株；2. 果实。(黄朝禎)
Fig. 3 *Begonia cehengensis* 1. habit; 2. fru

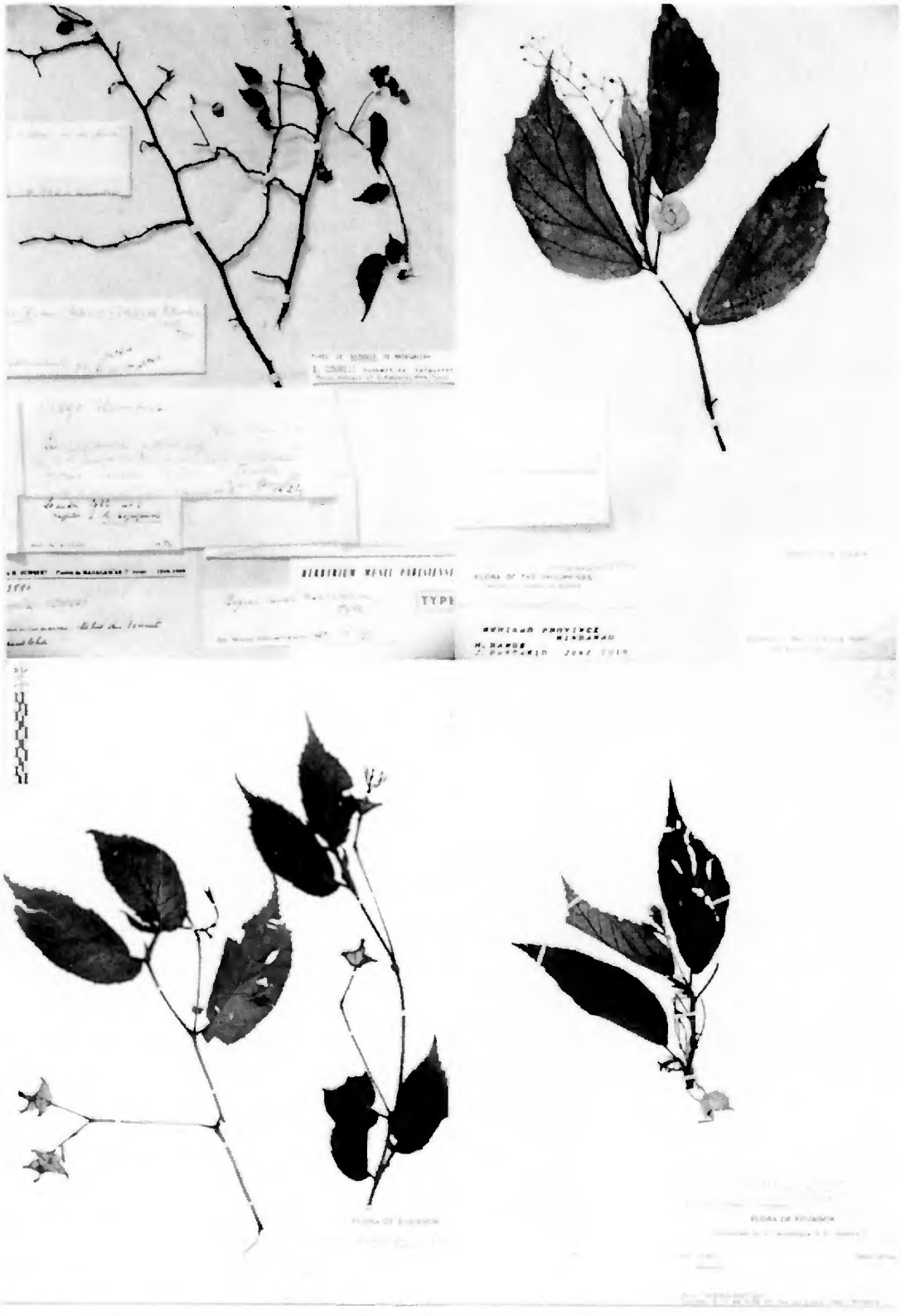
S135, **B. kisuluana;** S136, **B. cavallyensis;** S137, **B. cehengensis;** S138, **B. tsoongii.**

图 9 河口秋海棠 *Begonia gesnerioides* S.H. Huang et Shui, sp. nov. 1. 植株; 2. 雌花; 3—6. 雌花内外花被片背腹

S139, **B. antaisaka;** S140, **B. hekouensis;** S141, **B. matogrossensis;** S142, **B. brevibracteata.**

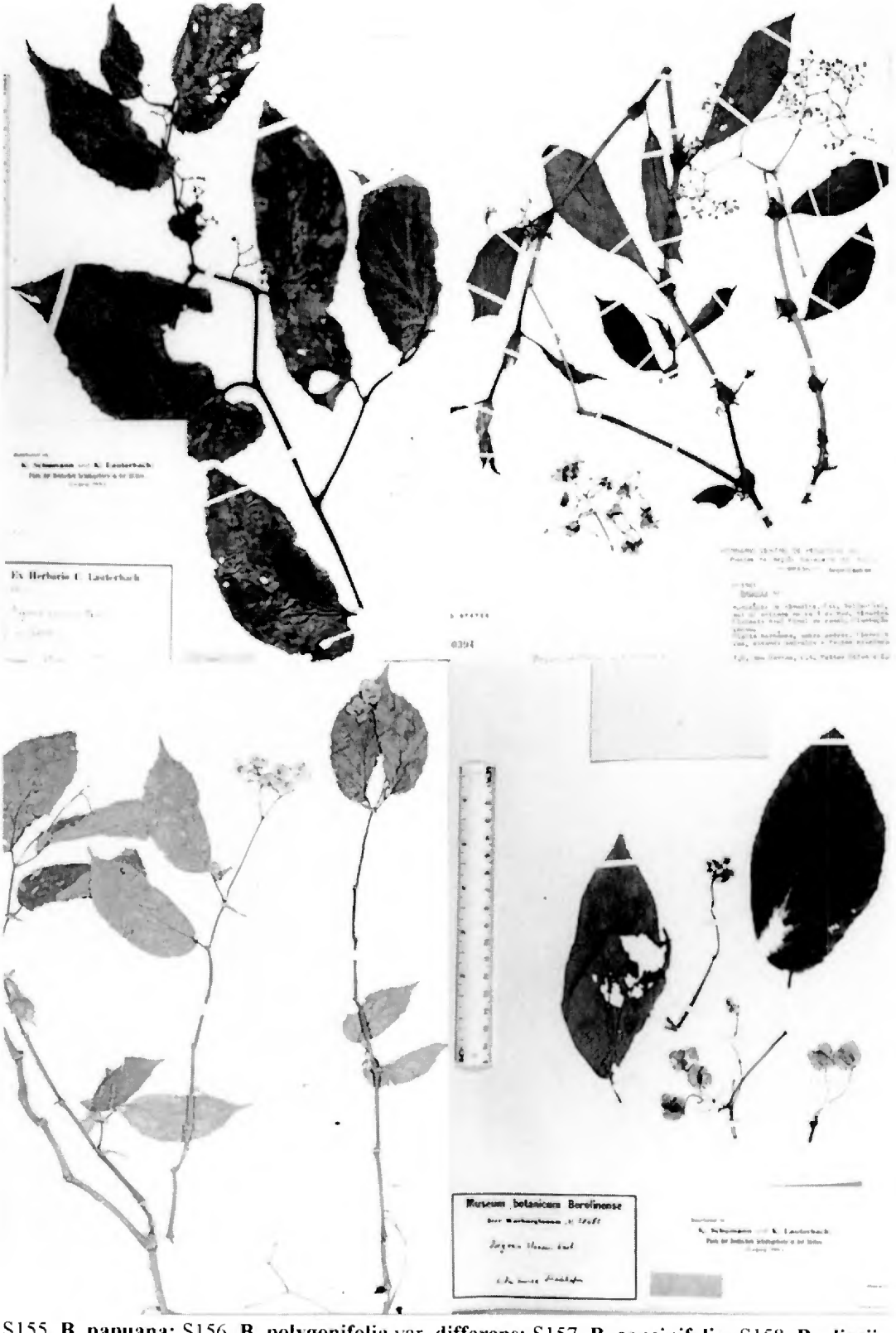


S143, **B. gungshanensis;** S144, **B. cauliflora;** S145, **B. mariannensis;** S146, **B. wenshanensis.**

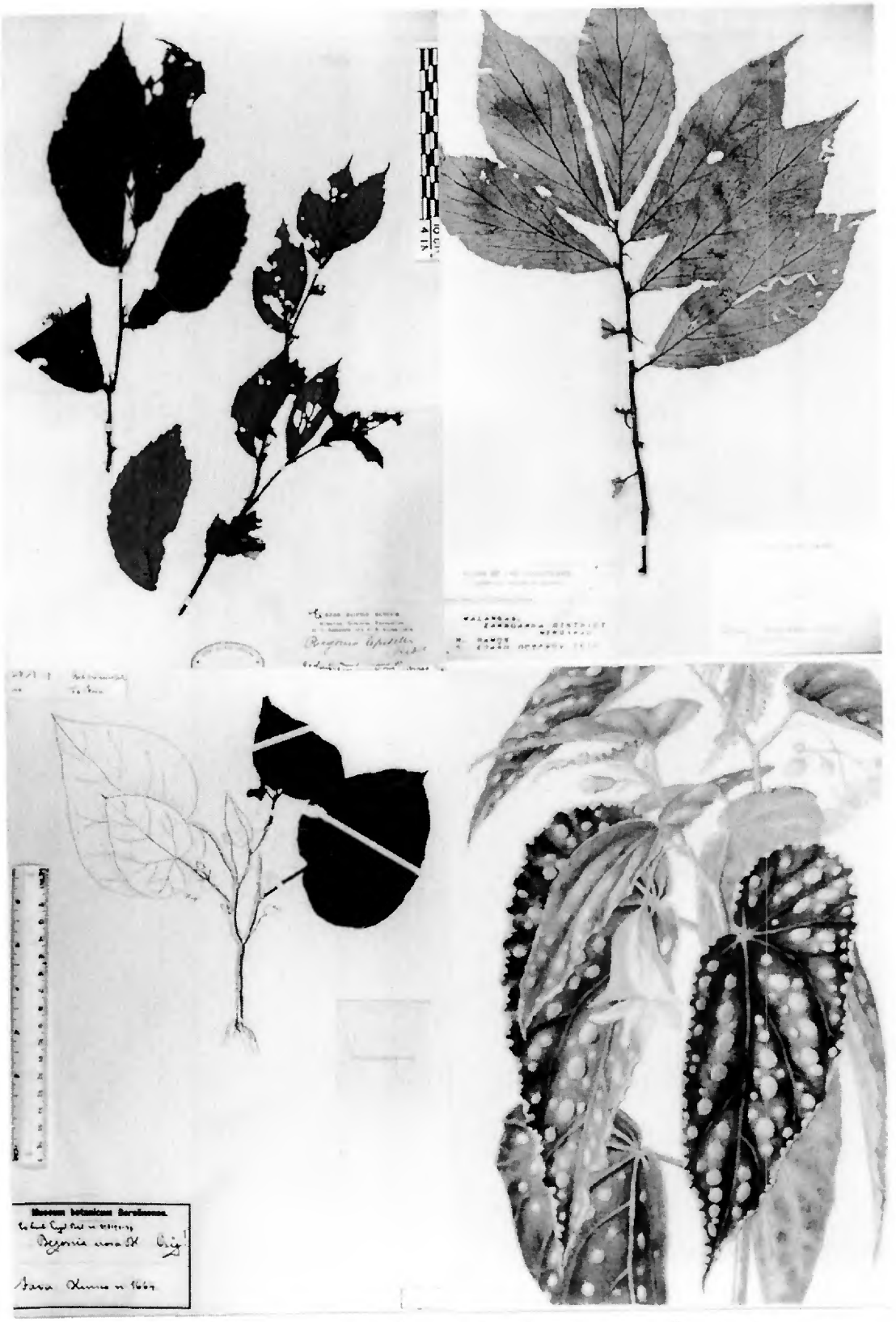


S147, **B. coursii;** S148, **B. longistipula;** S149, **B. napoensis;** S150, **B. brandbygeana.**

S151, **B. holmnielseniana;** S152, **B. pectennervia;** S153, **B. monantha;** S154, **B. griffithiana.**



S155, **B. papuana;** S156, **B. polygonifolia** var. **differens;** S157, **B. carpinifolia;** S158, **B. eliasii.**



S159, **B. lepidella;** S160, **B. fasciculiflora;** S161, **B. erosa;** S162, **B. malachosticta.**

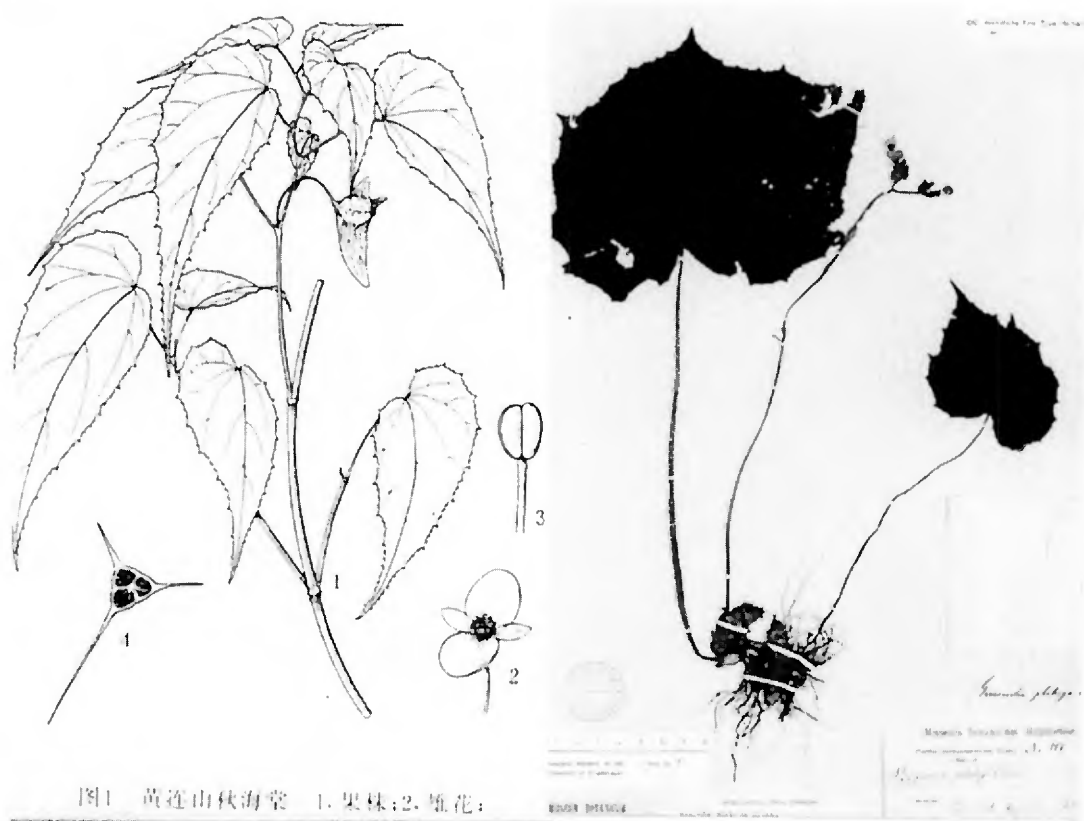
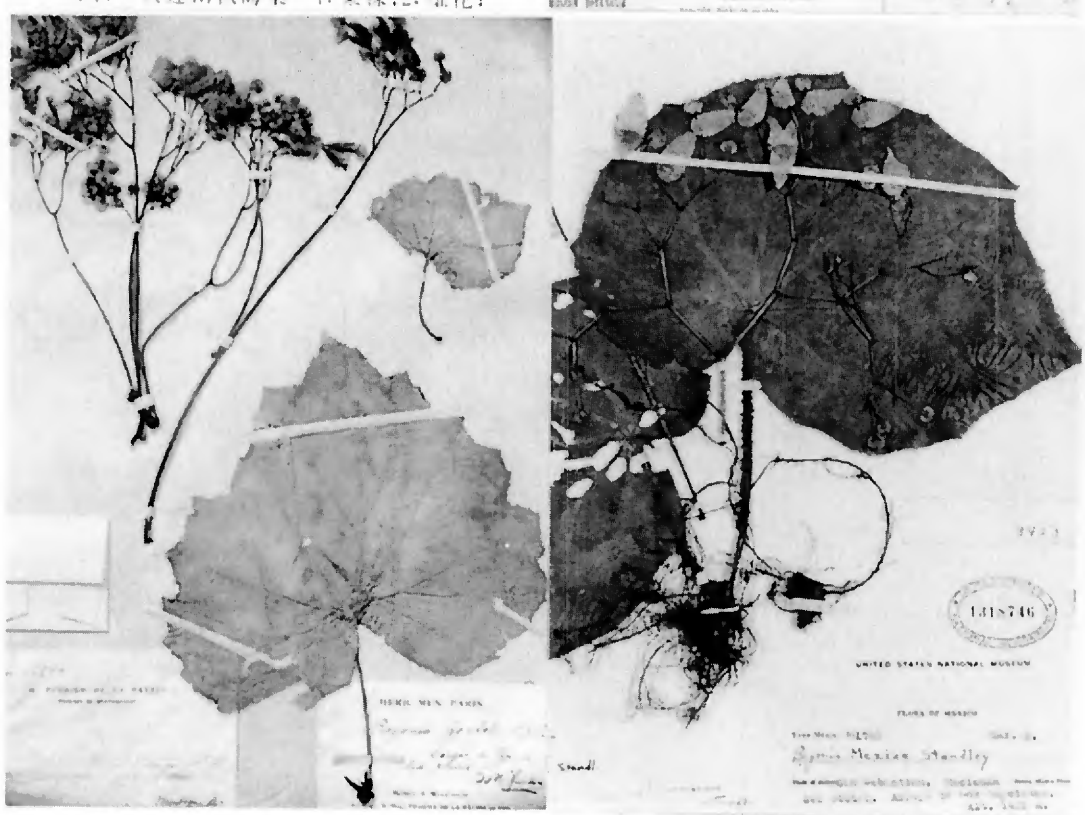
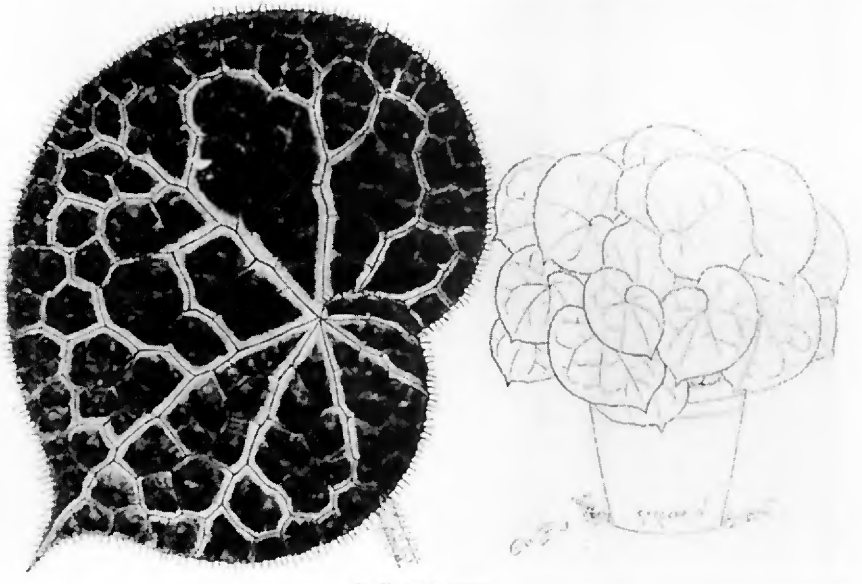


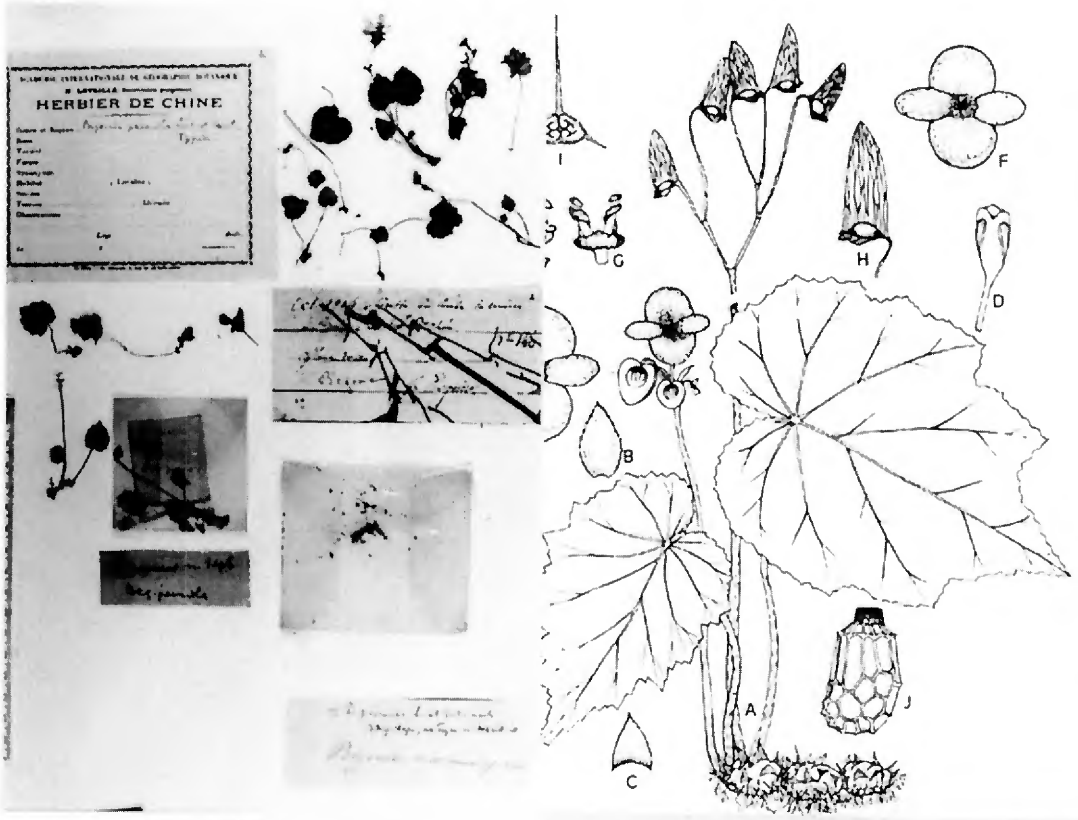
图1 黄连山秋海棠 1. 果株；2. 雄花；

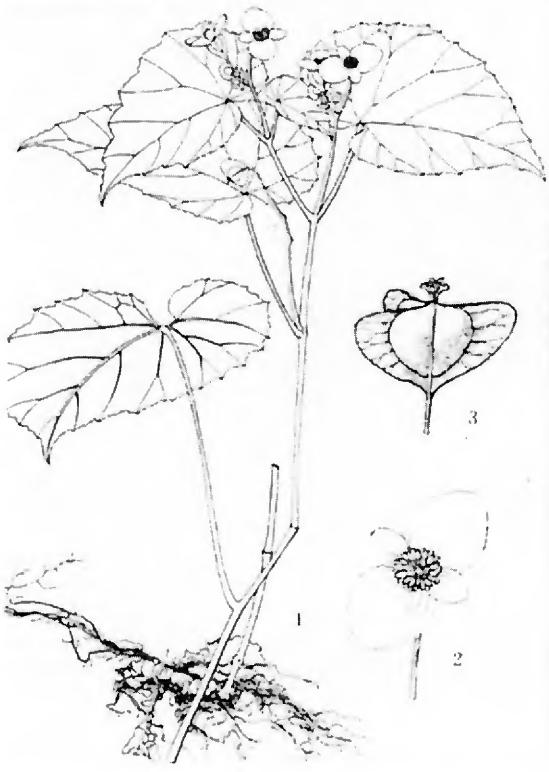


S163, **B. coptidi-montana;** S164, **B. plebeja;** S165, **B. goudotii;** S166, **B. mexiae.**

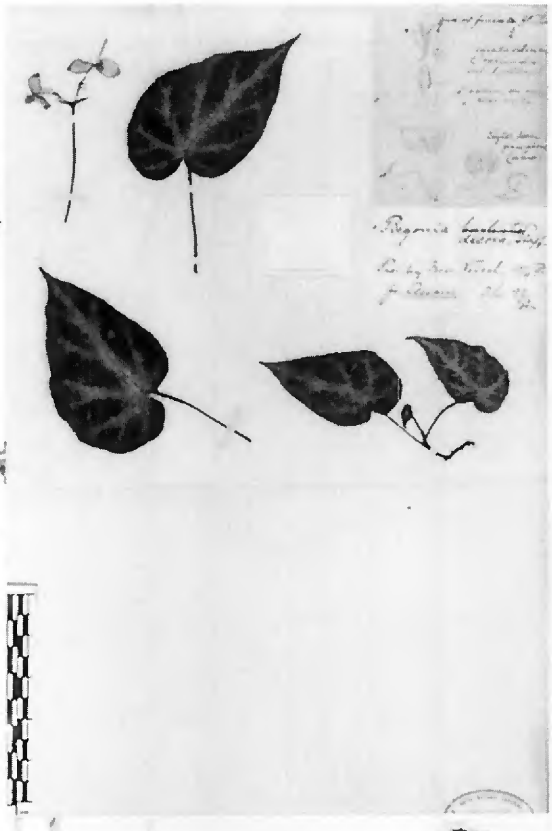


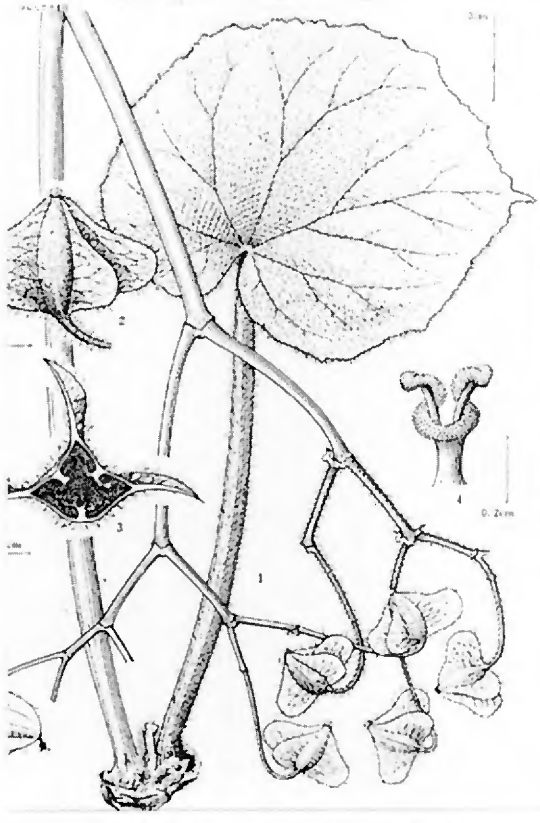
S167, **B. pseudodryadis;** S168, **B. aborensis;** S169, **B. rajah.**

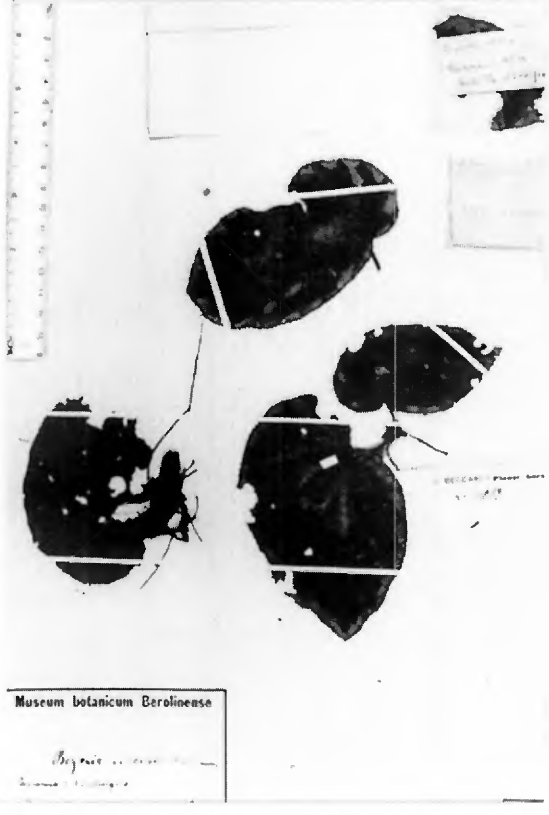




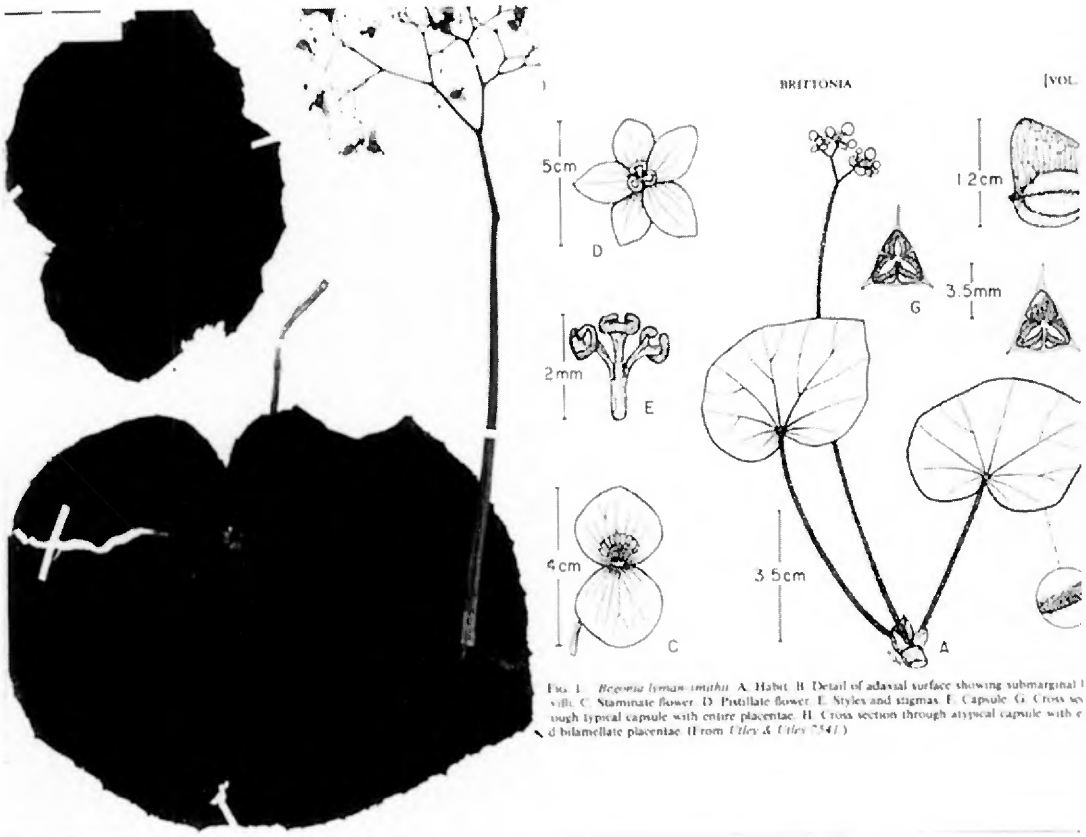
S170, **B. parvula;** S171, **B. austrotaiwanensis;** S172, **B. hymenocarpa;** S173, **B. mucronistipula.**

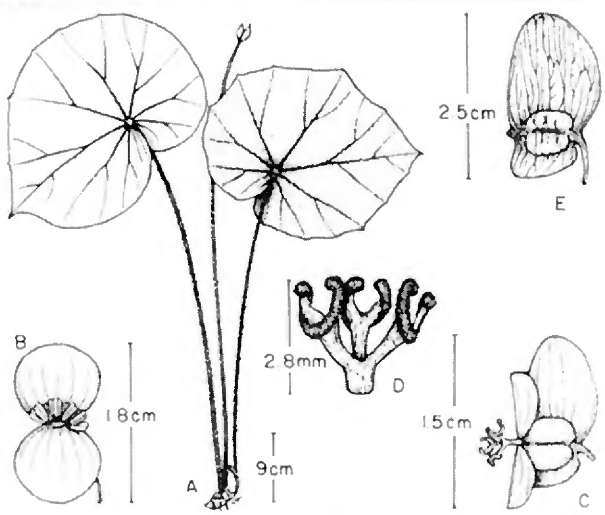




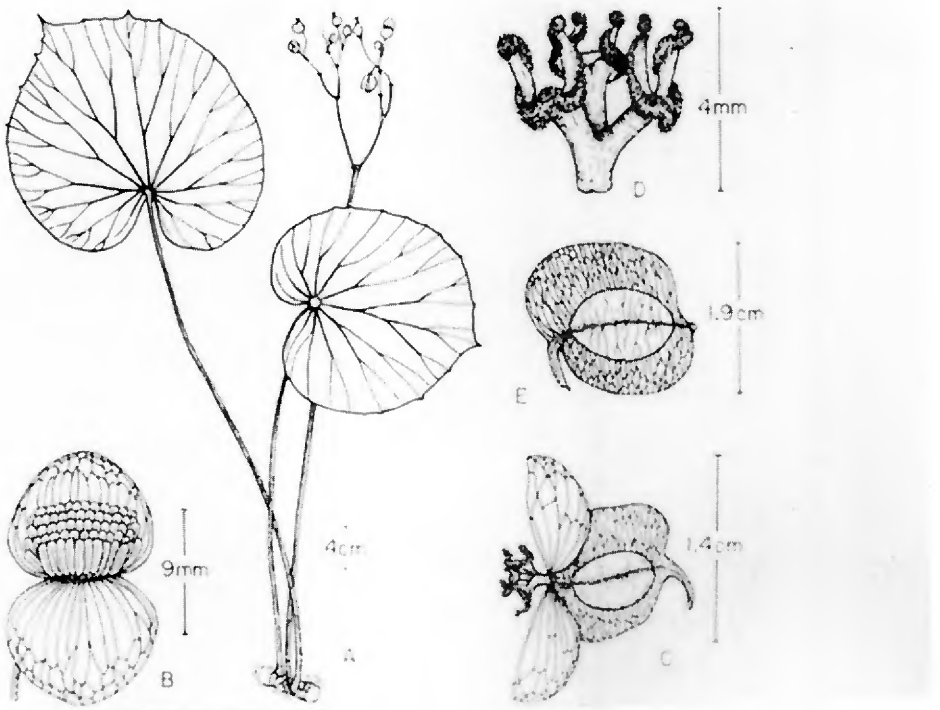


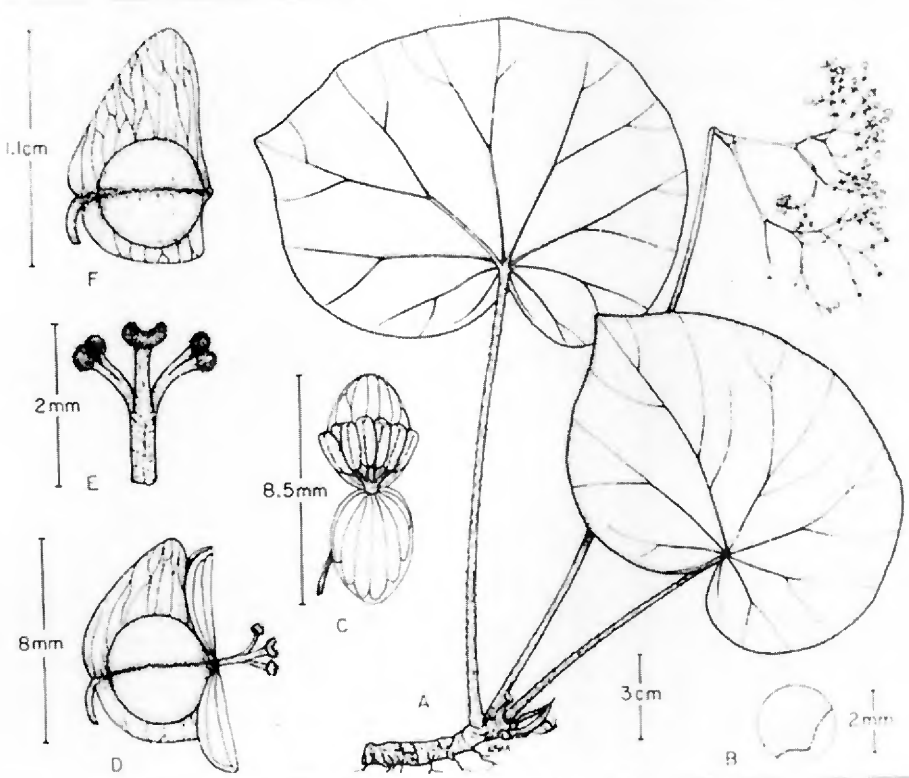
S174. **B. nevadensis;** S175. **B. decora;** S176. **B. guangxiensis;** S177. **B. beccarii.**



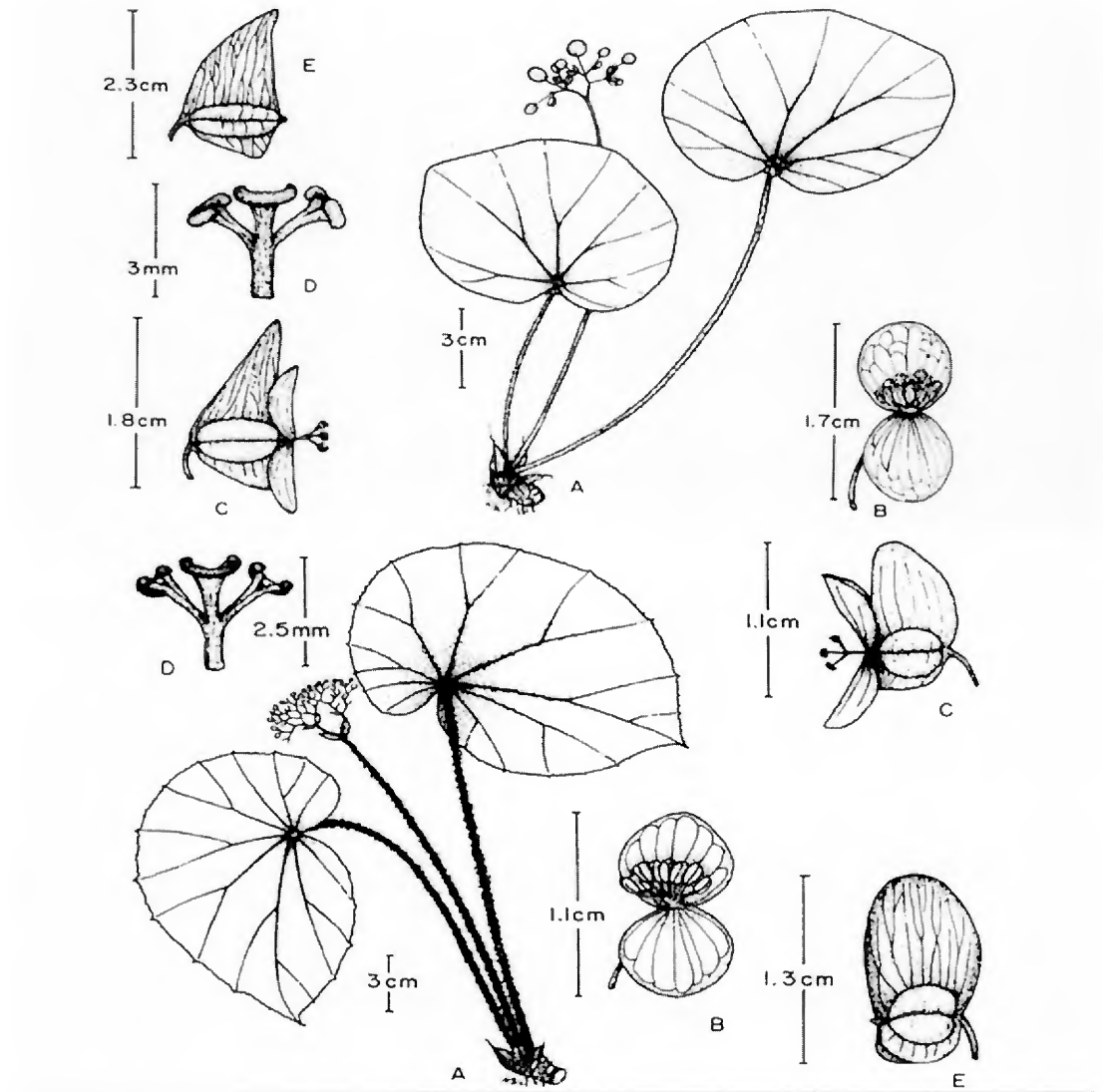


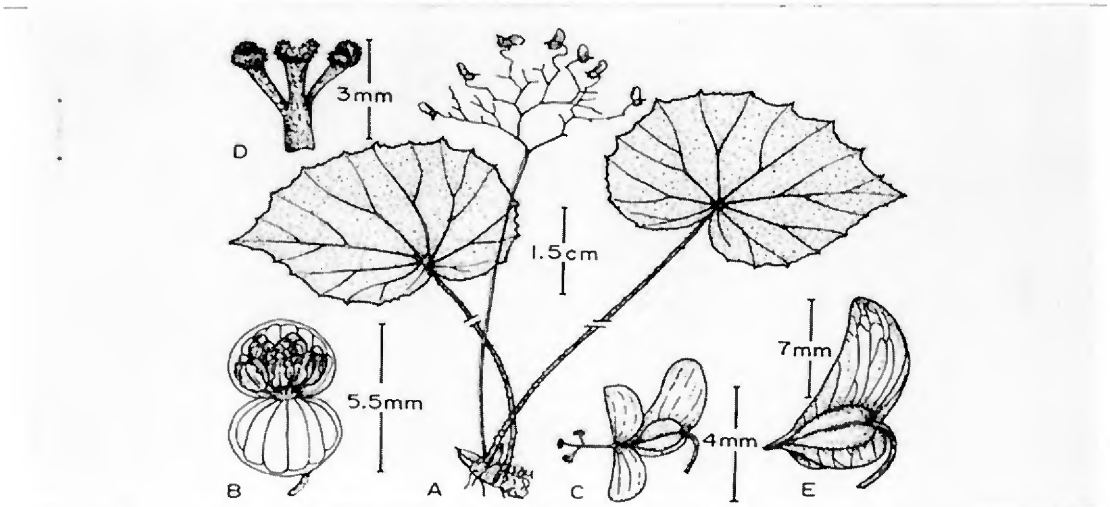
S178, **B. karwinskyana;** S179, **B. lyman-smithii;** S180, **B. mariti.**



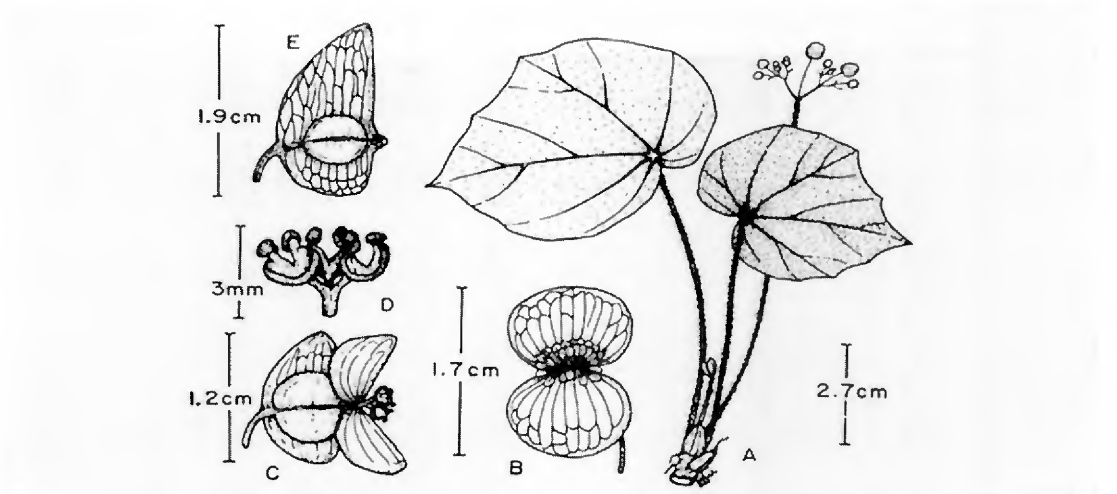


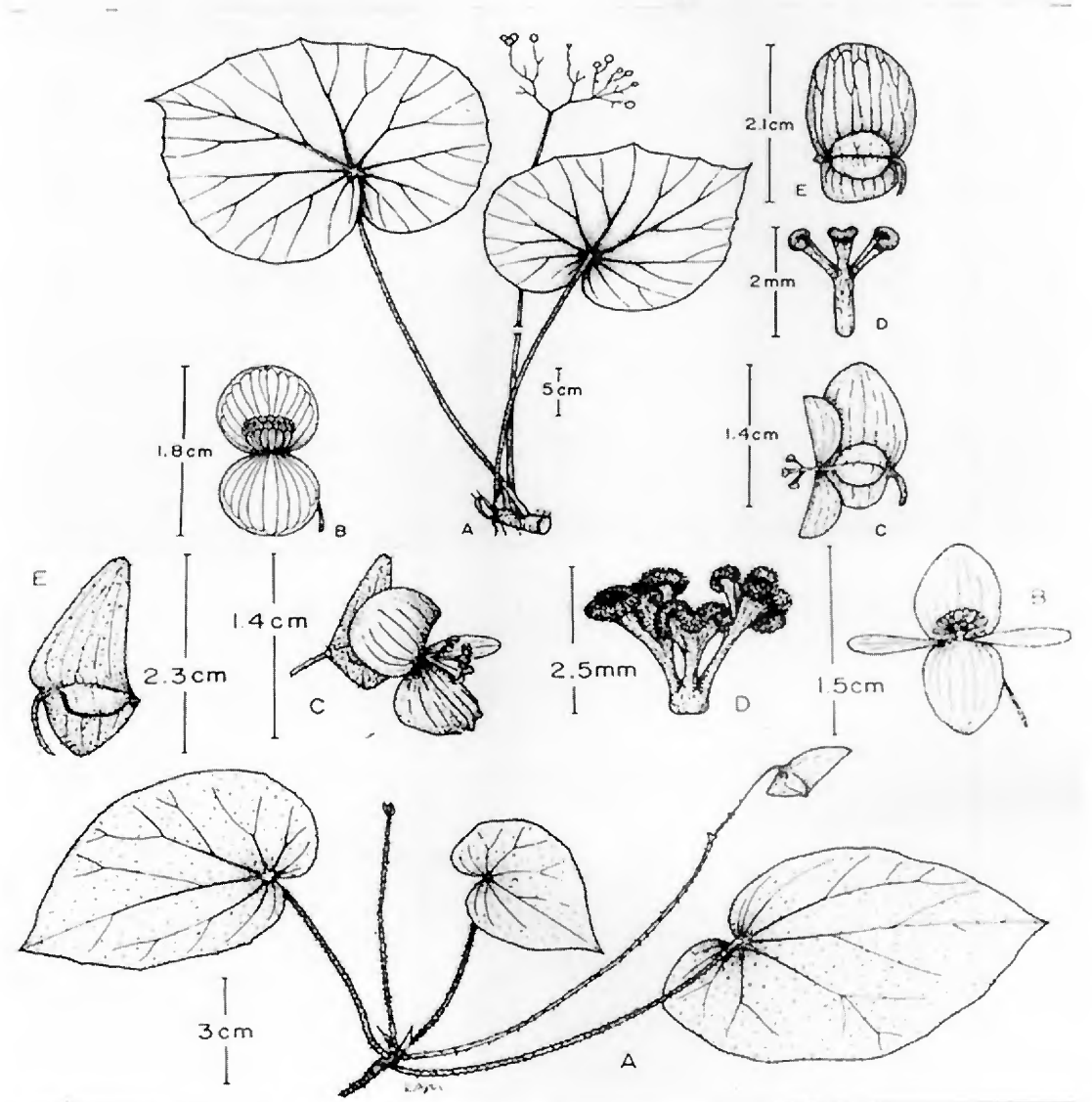
S181, **B. multistaminea;** S182, **B. sousae.**



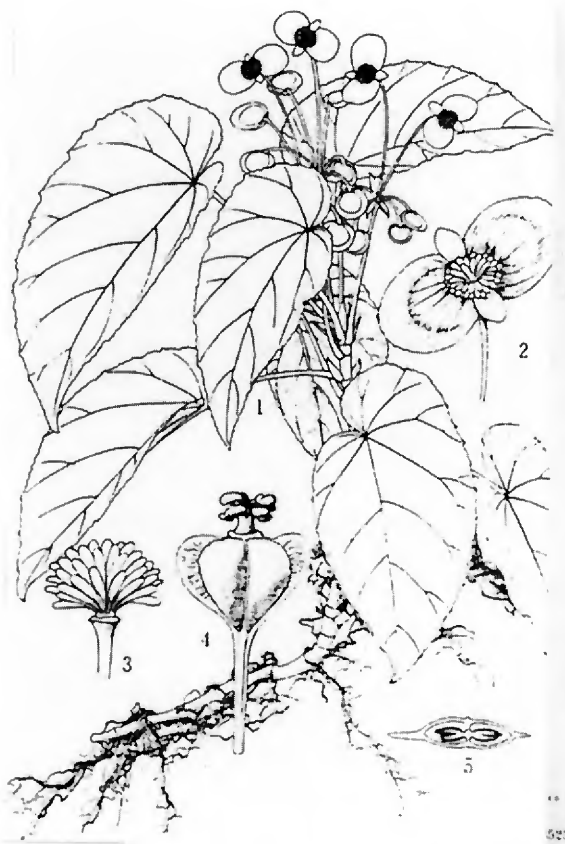


S183, **B. jaliscana,** S184, **B. rafael-torresii;** S185, **B. xilitlensis.**





S186, **B. chiapensis;** S187, **B. breedlovei;** S188, **B. turrialbae.**



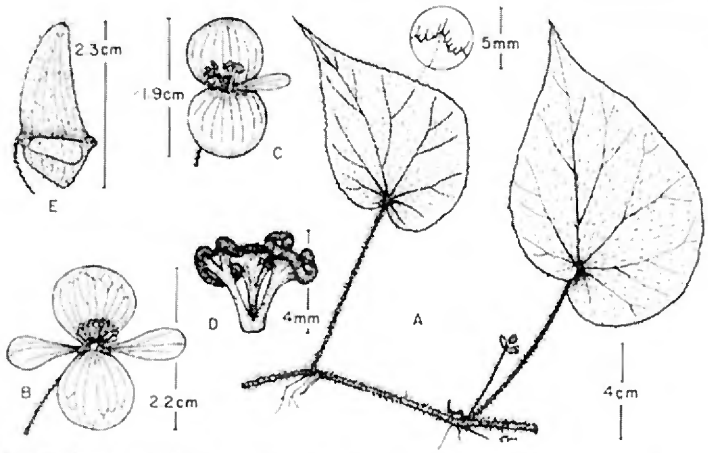
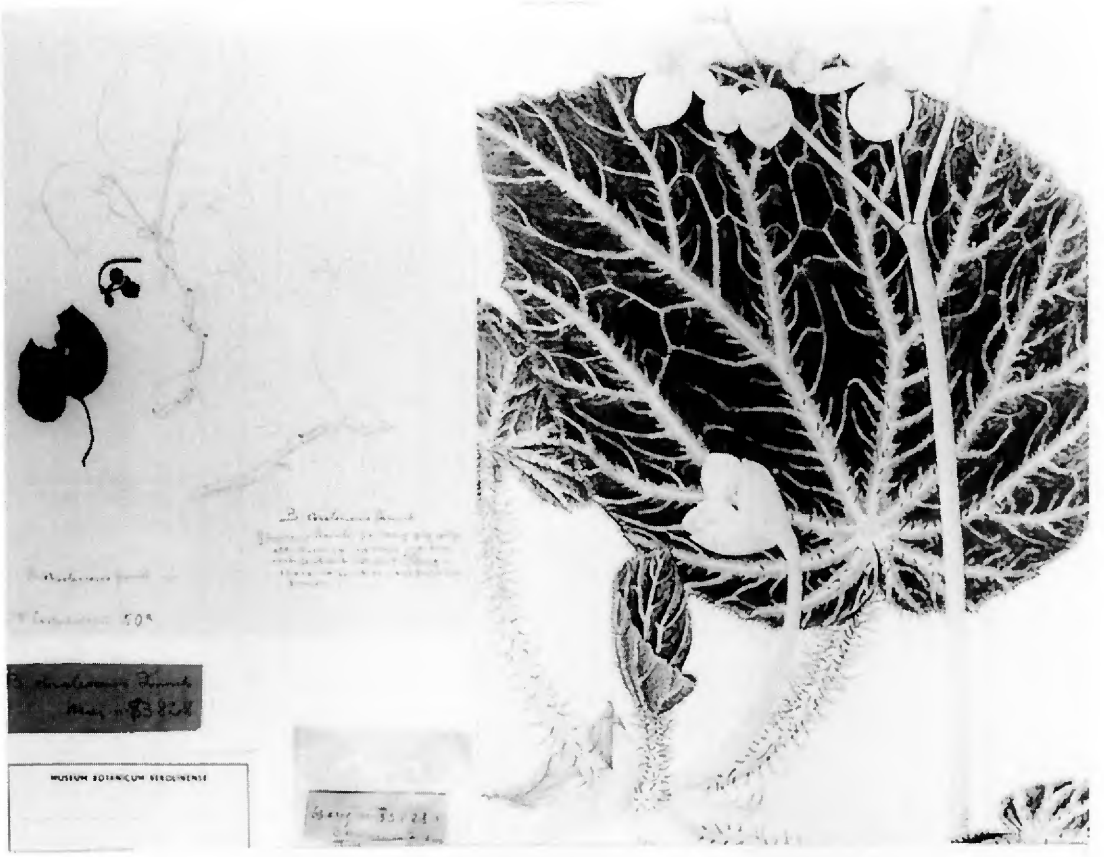
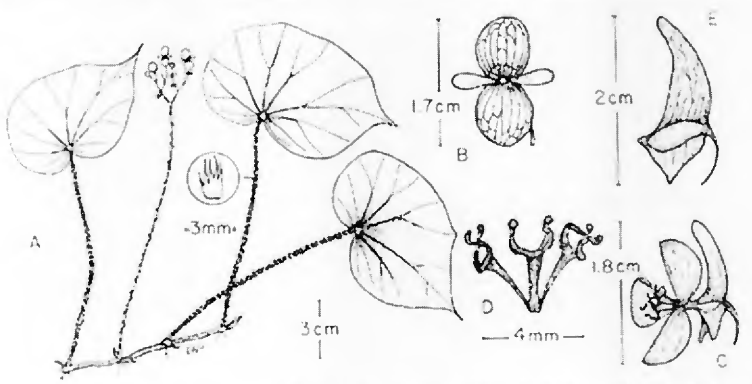


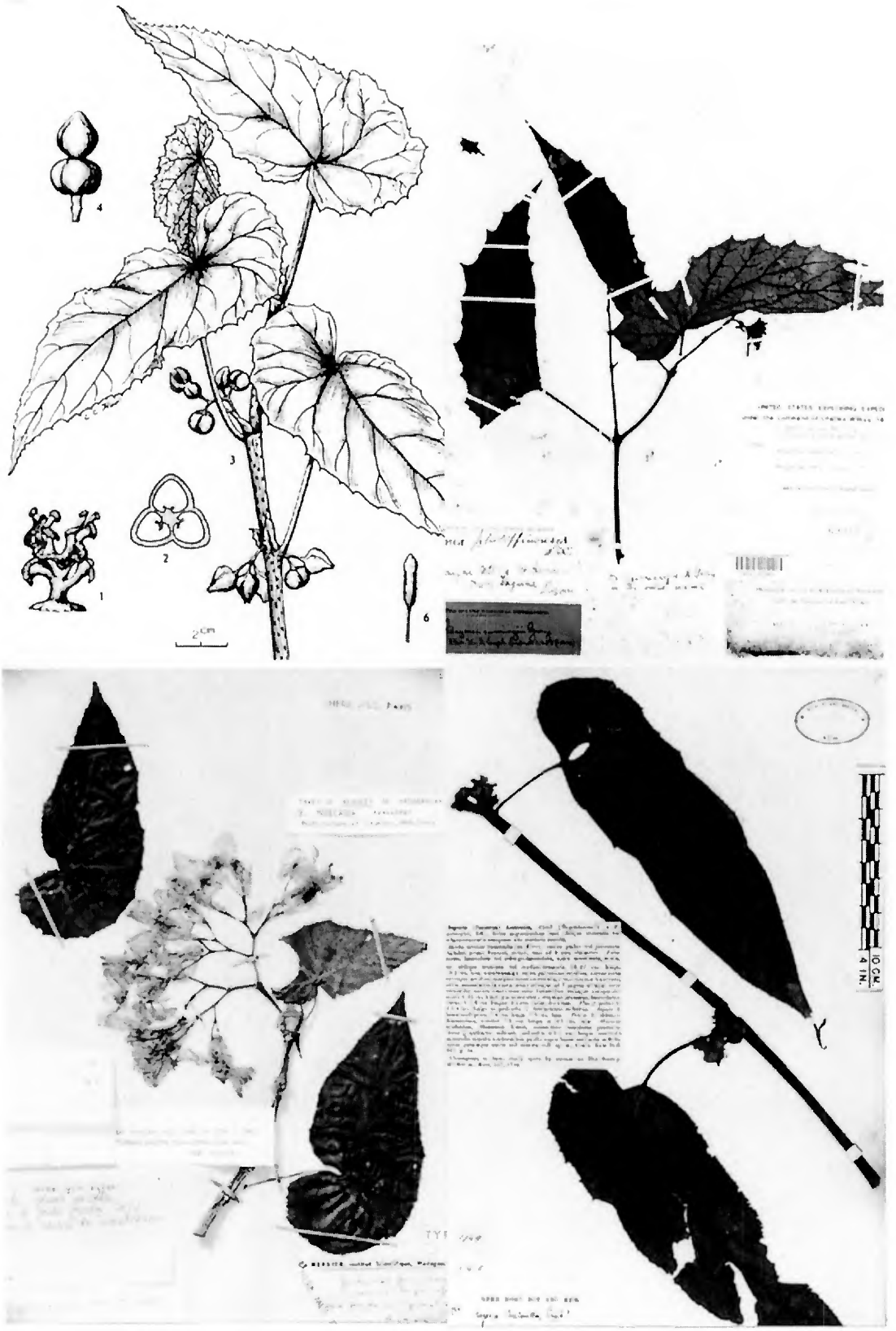
Figure 3. *Begonia faustinoi* Burt-Utley & Utley. —A. Habit with insert showing leaf margin. —B. Staminate flower. —C. Pistillate flower. —D. Stigmas. —E. Capsule. (From *Utley & Utley B343.*)

S189, **B. chuniana;** S190, **B. russelliana;** S191, **B. faustinoi.**

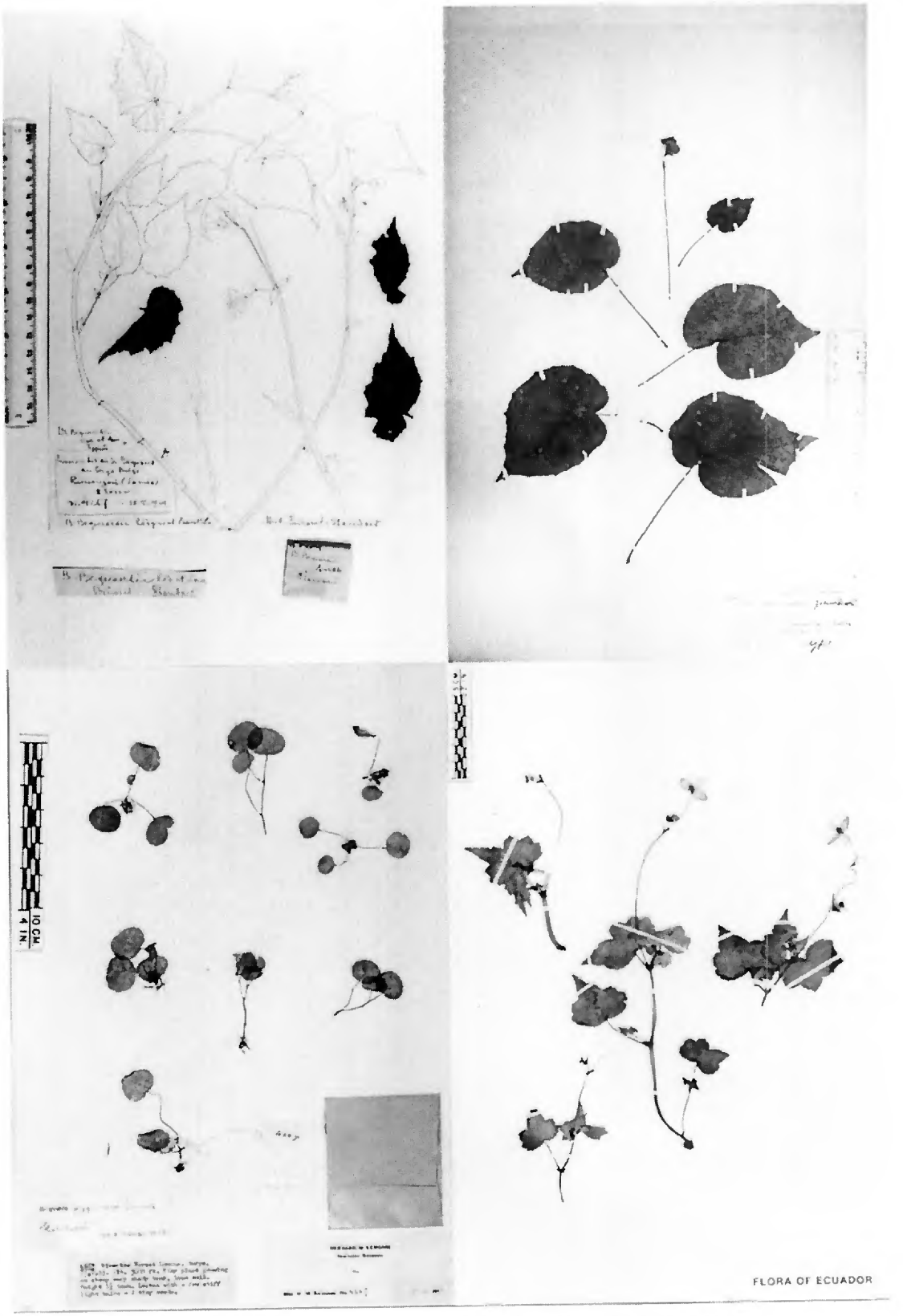




S192, **B. obsolescens;** S193, **B. chloroneura,** S194, **B. hondurensis.**



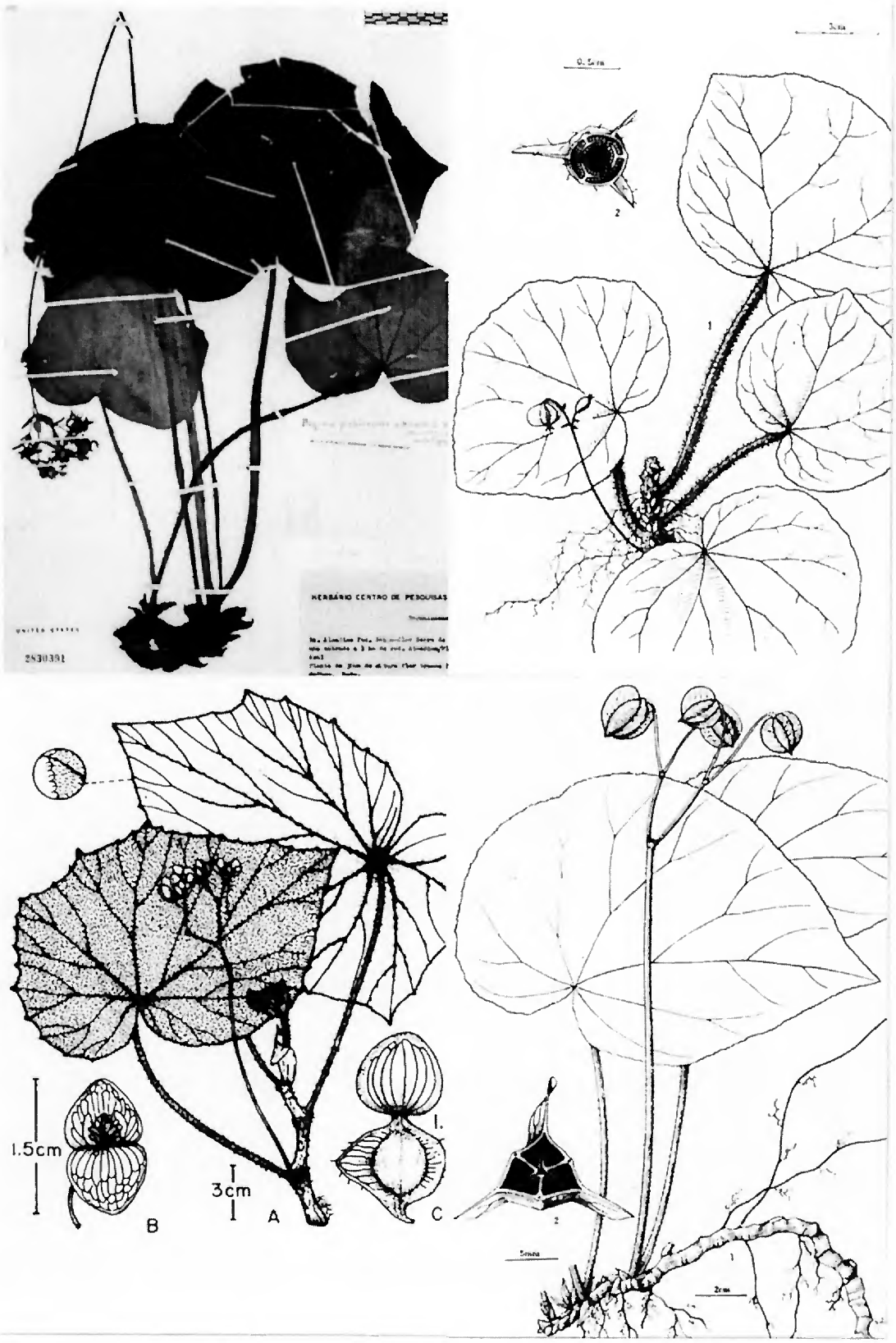
S195, **B. hayatae;** S196, **B. cumingii; S197, B. madecassa;** S198, **B. acetosella.**



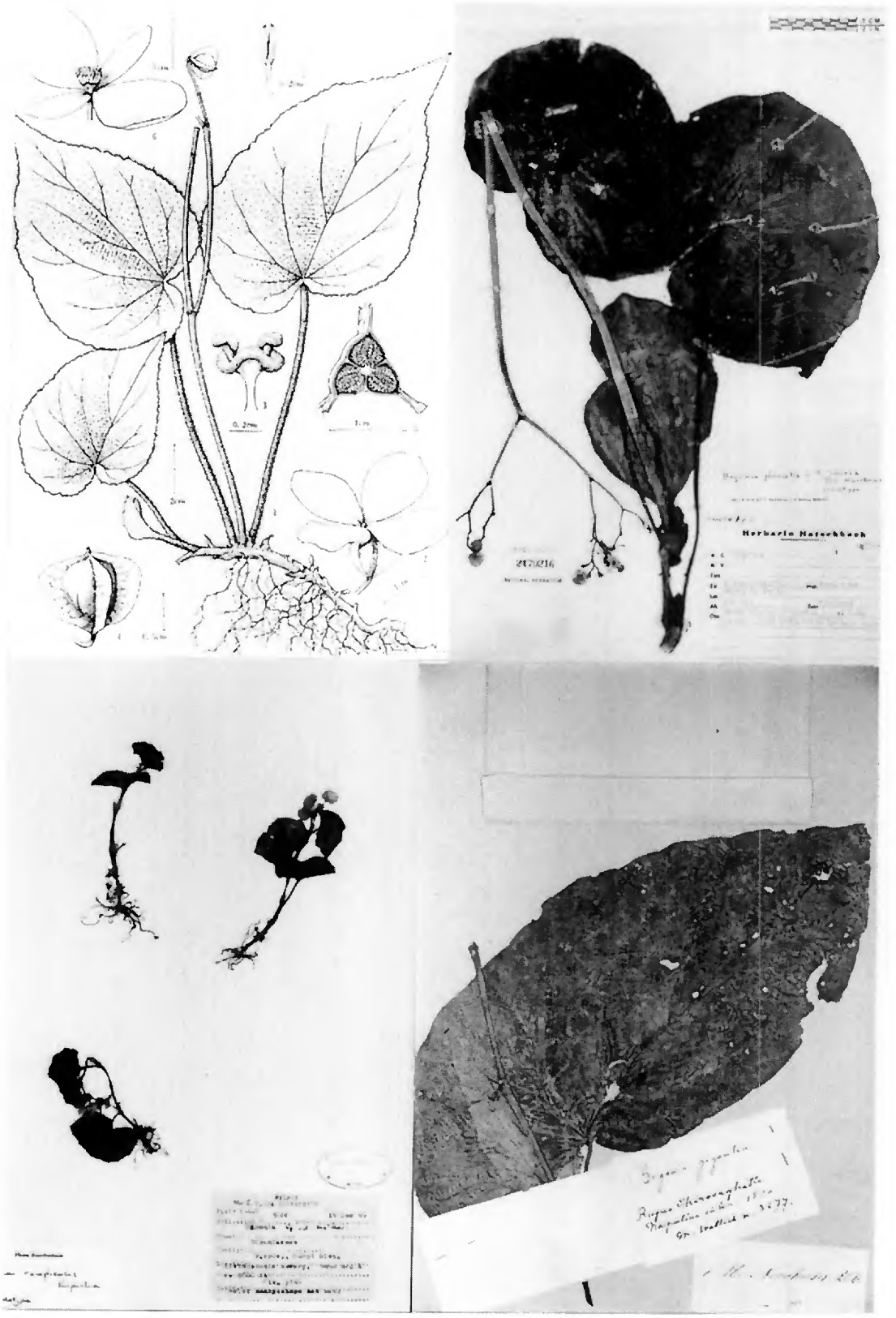
S199, **B. bequaertii**; S200, **B. knoopii**; S201, **B. pygmaea**; S202, **B. neoharlingii**.

S203, **B. mearnsii**; S204, **B. erythrogyna**; S205, **B. scharffii**; S206, **B. humbertii**.

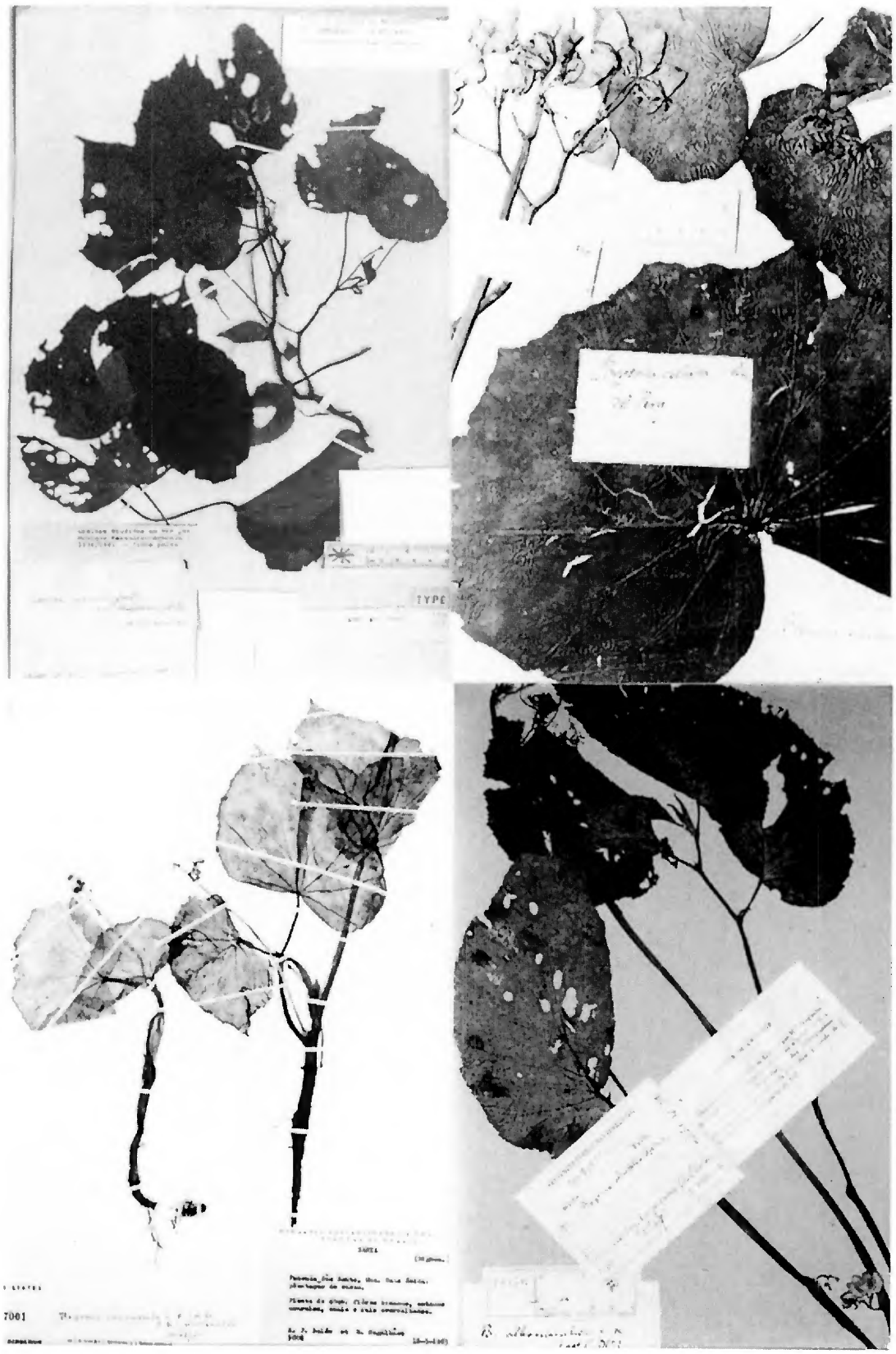
S207, **B. chlorosticta**; S208, **B. magdalenae**; S209, **B. dominicalis**; S210, **B. macduffieana**.



S211, **B. pinheironis**; S212, **B. biflora**; S213, **B. molinana**; S214, **B. daxinensis**.

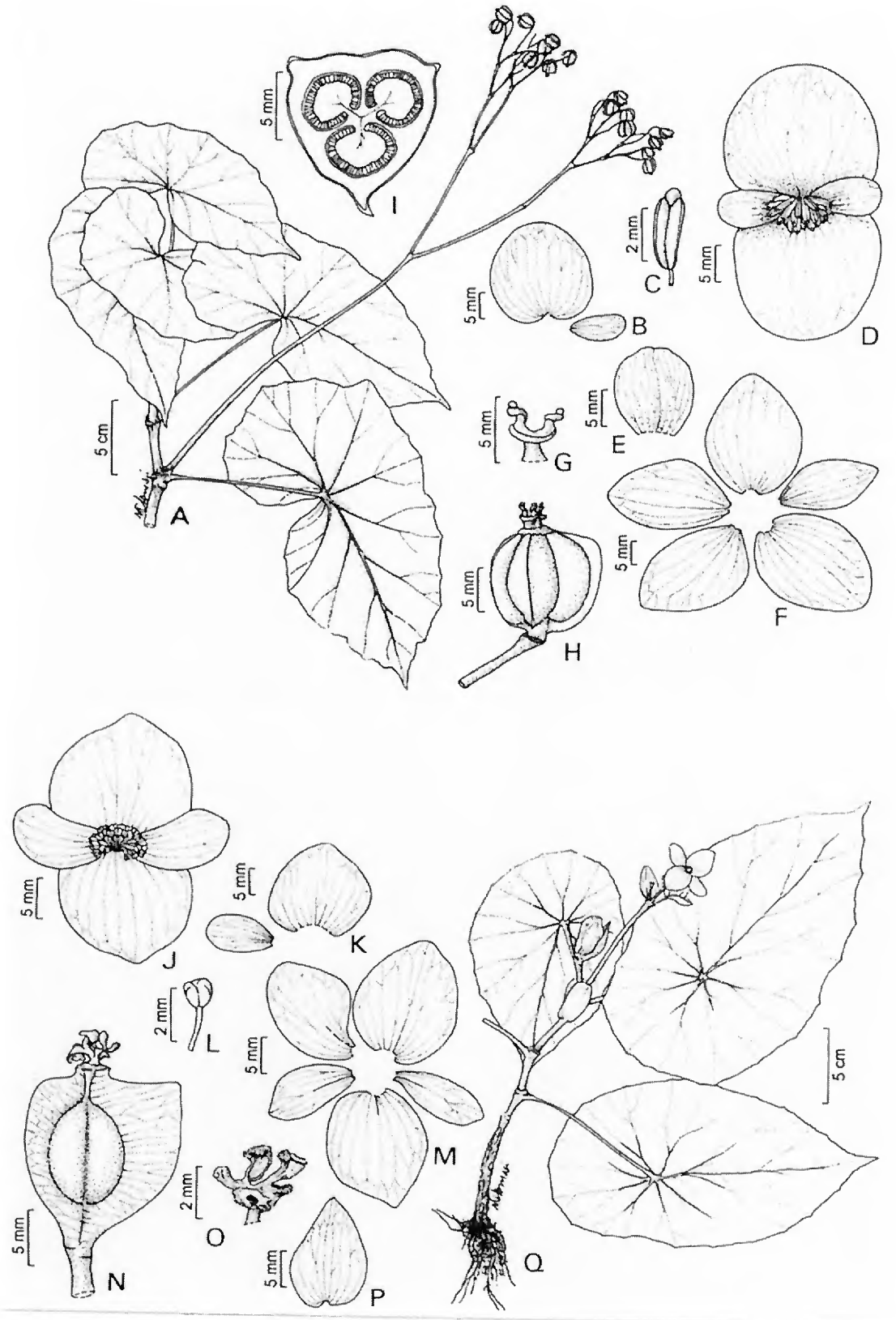


S215, **B. sino-veitnamica;** S216, **B. pluvialis;** S217, **B. rumpiensis;** S218, **B. nepalensis.**

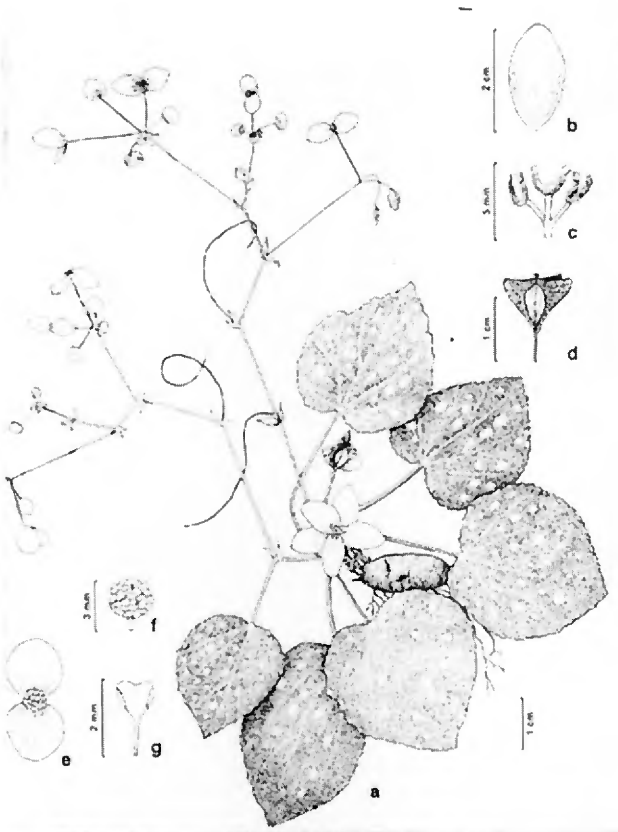


S219, **B. comorensis**; S220, **B. subciliata**; S221, **B. cacauicola**; S222, **B. albomaculata**.

S223, B. **mattos-silvae;** S224, **B. compacticaulis;** S225, **B. lacunosa;** S226, **B. glabra.**



S227, **B. salesopolensis;** S228, **B. jureiensis.**



扁果组 Sect. Platycentrum Klotz.

1. 薄叶秋海棠 图 4.

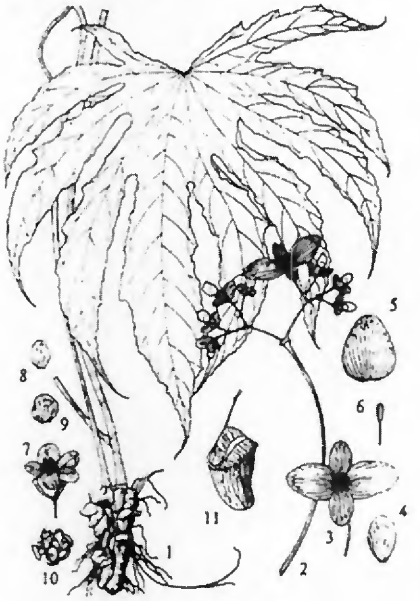


图 4. 薄叶秋海棠

1. 植物体；2. 花序；3. 雄花；4. 雄花内被片；5. 雄花外被片；6. 雄蕊；7. 雌花；8. 雌花内被片；9. 雌花外被片；10. 花柱和柱头；11. 蒴果(吴福麟绘)

Fig. 4 *Begonia laminariae* Irmsch. 1. plant; 2. inflores

S229, **B. siccacaudata;** S230, **B. laminariae;** S231, **B. glandulosa;** S232, **B. ruhlandiana.**

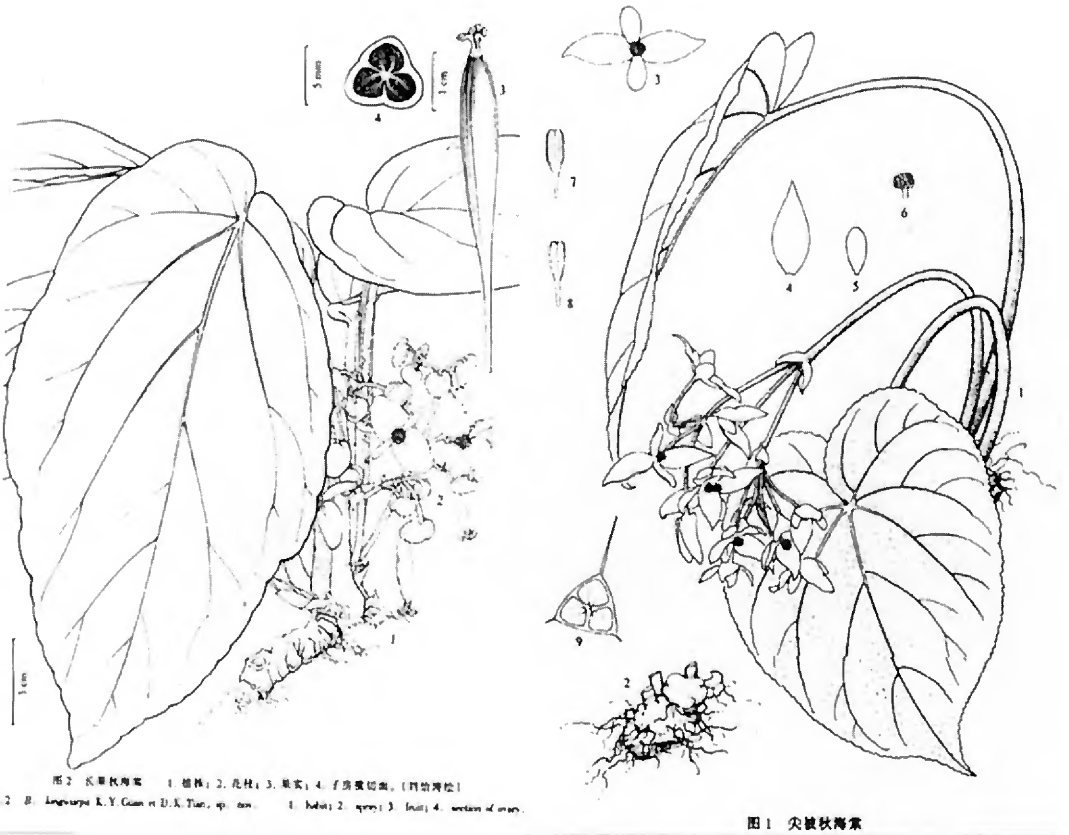
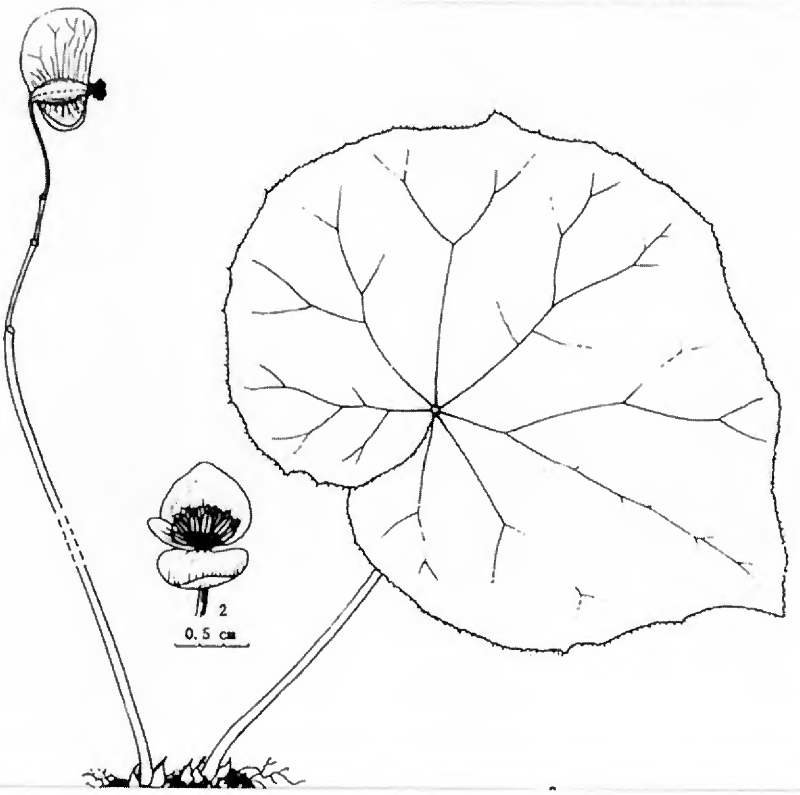


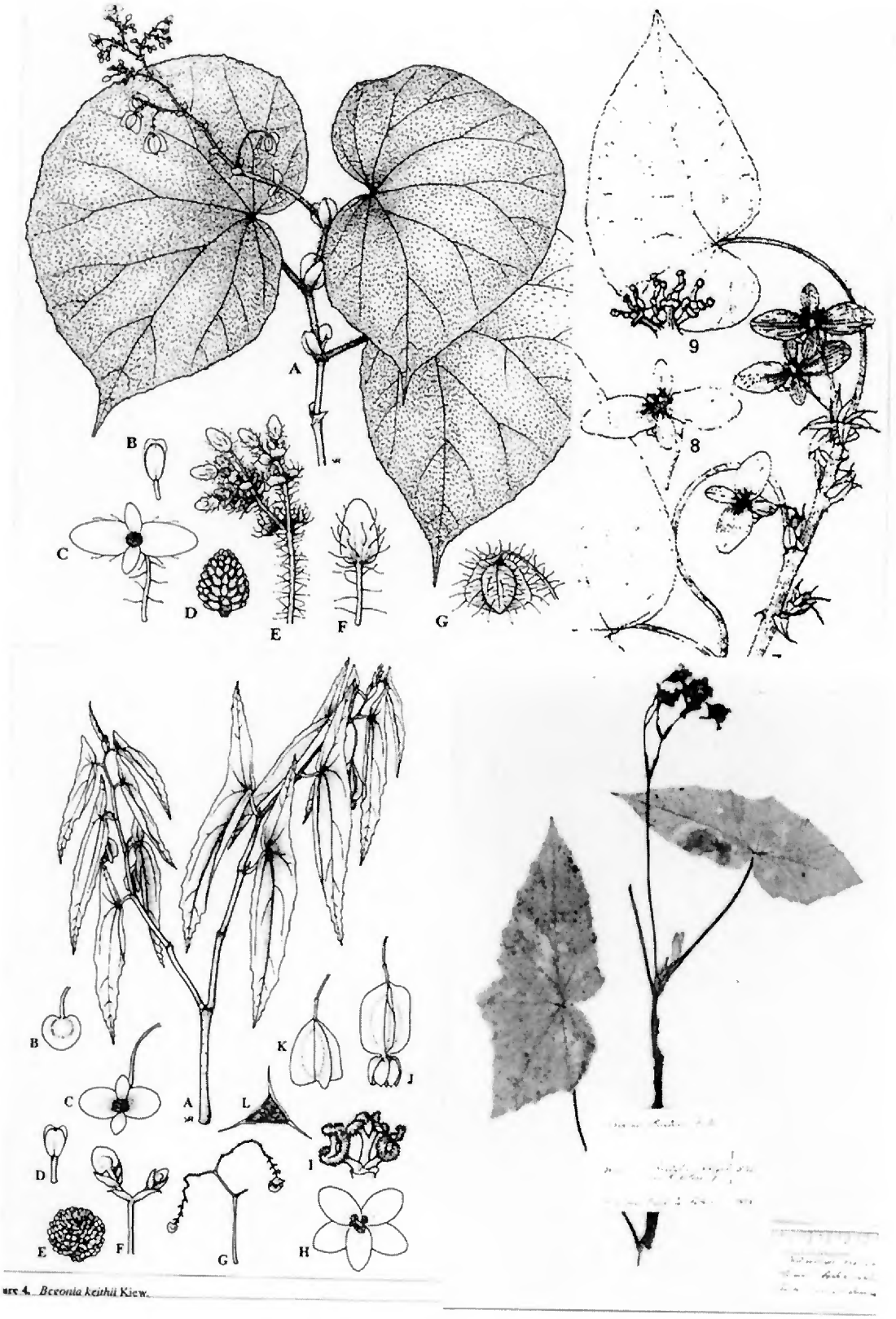
图1 尖被秋海棠



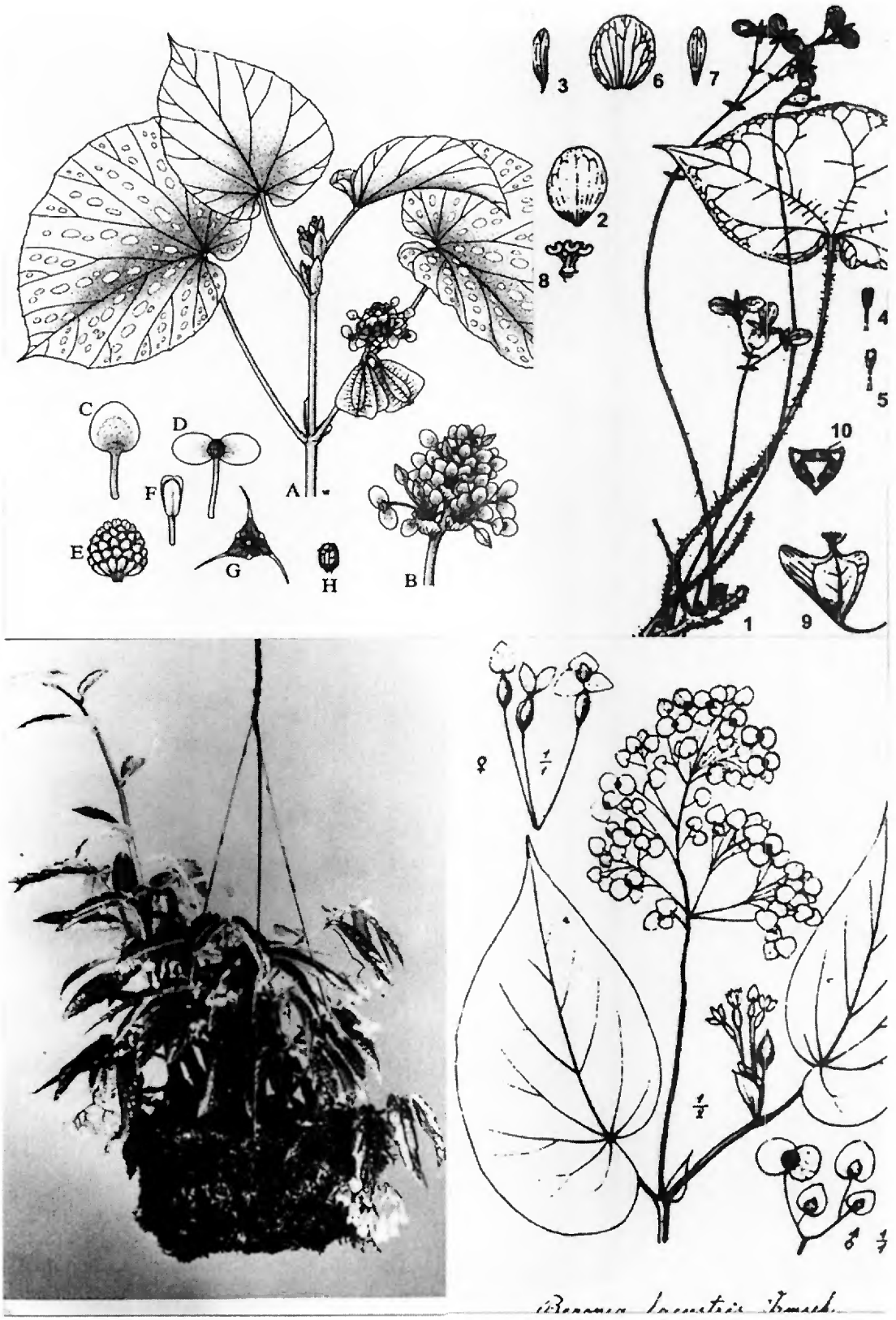
S233, **B. longicarpa**; S234, **B. acutitepala**; S235, **B, luzhaiensis.**

Fig. 3. *Begonia flagellaris* Hara.

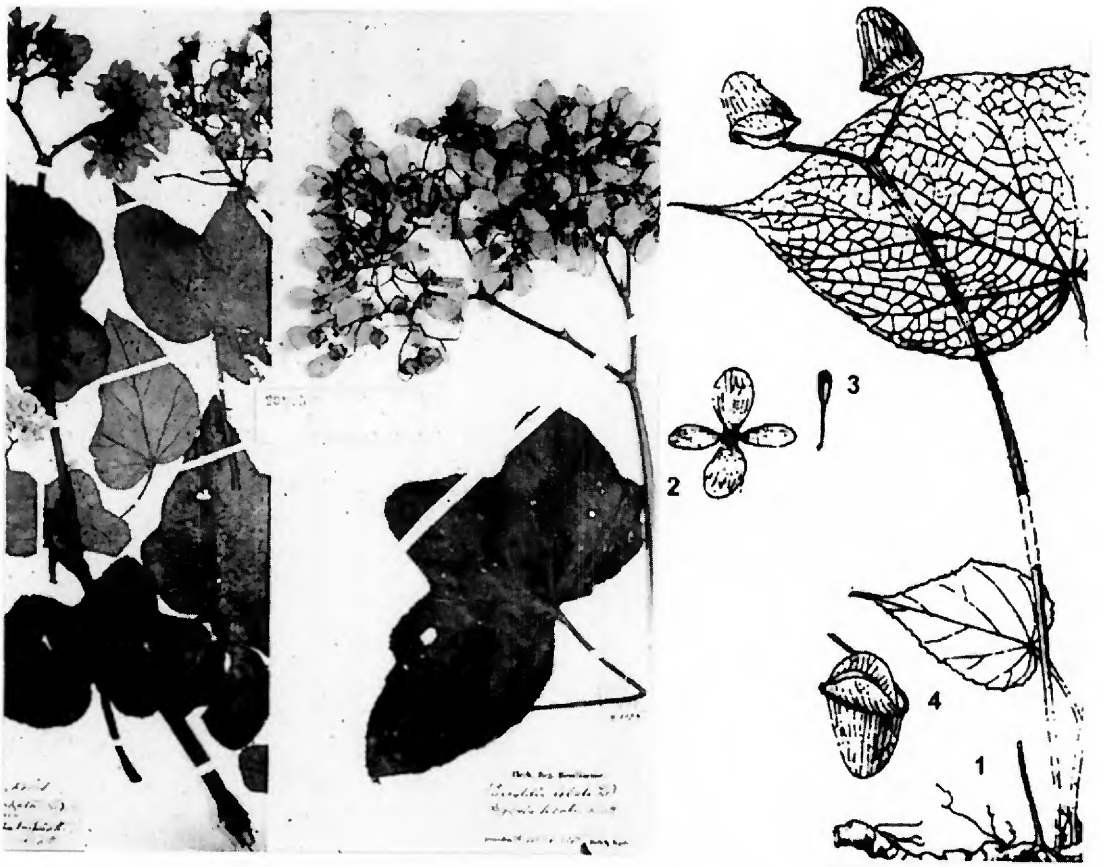
S236, **B. ceratocarpa;** S237, **B. longialata;** S238, **B. flagellaris.**

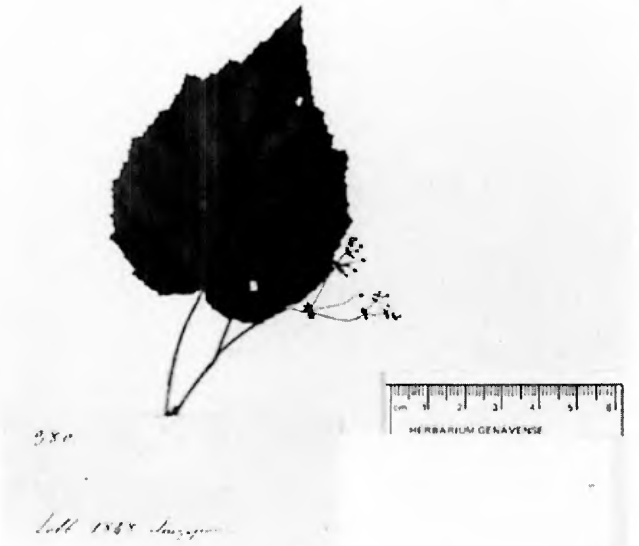


S239, **B. postarii**; S240, **B. lancangensis**; S241, **B. keithii**; S242, **B. riedelii**.

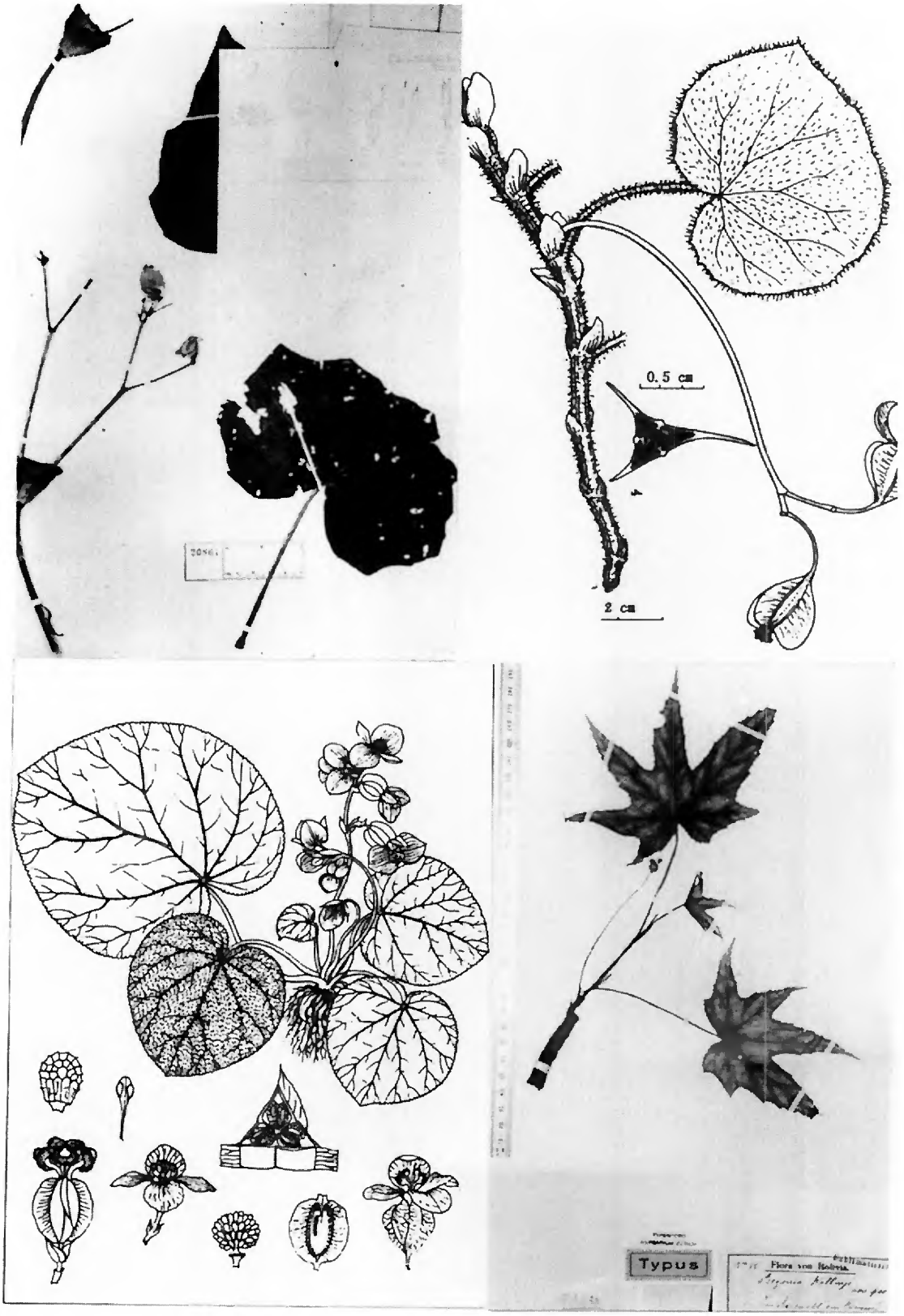


S243, **B. lazat**; S244, **B. obliquefolia**; S245, **B. albo-picta**; S246, **B. lacustris**.





S247, **B. rufa**; S248, **B. subhowii**; S249, **B. parviflora**.



S250, **B. glaucoides**; S251, **B. yishanensis**; S252, **B. arnottiana**; S253, **B. wollnyi**.