

FROM ACACIA TO ZIZIPHUS: PLANT NAMES COMMEMORATING THE BOTANIST WILLIAM ROXBURGH

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More than 400 validly published names of vascular plants and Charales honouring William Roxburgh (1751–1815) are listed with the currently accepted names for these taxa and their typification. Some 50 species names commemorating Roxburgh remain in current use. In total, 173 lectotypes and 2 neotypes are designated here to fix the application of the names. A new combination in *Centaurium* (Gentianaceae) is proposed.

Keywords. Eponyms, India, nomenclature, typification.

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Introduction

Deriving the scientific names for organisms from the names of particular people goes back right to the start of the science of taxonomy with Linnaeus and his contemporaries. Eponyms are common as generic names and as specific and infraspecific epithets. One measure of the impact of a particular individual is how many taxa are named after him or her. In this paper, I present a list of the plants named after William Roxburgh, one of Scotland's most famous botanists.

William Roxburgh

William Roxburgh's life and works have been documented in detail by Robinson (2008). Here, I present a brief overview largely based on Robinson's account.

Roxburgh's origins are obscure. He was born to a family of estate workers in rural Ayrshire in 1751. Despite these humble beginnings, he went on to study medicine at Edinburgh University. The absence of records of Roxburgh's birth, his excellent education, and support from wealthy patrons have led to speculation that William may have been the illegitimate son of an upper-class lineage (Robinson, 2008). The Boswell family (Dr Johnson's biographer being its best-known member) is the most likely candidate, particularly as the family had Ayrshire connections; undergraduate William lodged with Dr John Boswell in Edinburgh, and his third wife was from the family also. Of course, the boy William's natural talents may simply have attracted attention from those with philanthropic intentions.

In 1772, after graduating from the University of Edinburgh, Roxburgh was appointed as surgeon's mate on a ship of the East India Company. Thus started his service with the

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Company, which was to be his whole career. After some years of life at sea, in 1776 he obtained a post in India. He was to spend the next 17 years based on the Coromandel Coast of southern India. Here he met his second botanical mentor, after John Hope in Edinburgh. This was Johann Koenig, who had been a private student of Carolus Linnaeus. Roxburgh's devotion to botany and other branches of natural history qualified him for the appointment as the Company's botanist in Madras in 1789, succeeding Patrick Russell in a post originally held by Koenig. In 1793, he took up the position of superintendent of the Company's Botanic Garden, near Calcutta. He was to manage the Garden and act as the lynchpin in botanical research in Asia for the next 20 years.

At this time, the East India Company was a colonial and commercial power. Roxburgh's major achievement was building up the Calcutta Botanic Garden's collection enormously by exploiting his Company connections and scientific network.

Roxburgh's devotion to description and illustration (through a team of Indian artists), and the distribution of plant material (both living and herbarium specimens), manuscripts and drawings, made him one of the greatest ever recorders of the plant diversity of India and beyond. He also conducted applied research into the uses of the plants in cultivation in Calcutta. By the time of his death in 1815, Roxburgh had published some 40 scientific papers as well as the *Hortus Bengalensis*, a catalogue of the living collection of the Calcutta Botanic Garden; furthermore, his *Plants of the Coast of Coromandel* was into its third volume, which was to be completed posthumously (see Robinson, 2008, for a complete list of Roxburgh's publications). Roxburgh's magnum opus, his *Flora Indica*, was never to be published in the complete, lavishly illustrated format he envisioned. William Carey and Nathaniel Wallich had produced two volumes (1820 and 1824) based on Roxburgh's manuscript, with annotations and additions by Wallich. In 1832, a three-volume edition was produced from Roxburgh's manuscript. This was complete for the seed plants. The ferns and other cryptogams were finally published by William Griffith in 1844. Roxburgh's eventual total output came to 62 genera and nearly 2000 species described as new, and more than 100 new combinations.

Roxburgh is one of those rare historical figures about whom it is difficult to find any contemporary with a bad word. He was a tireless correspondent and a generous sharer of information. The long wait between Roxburgh's death and publication of the full *Flora Indica* meant that many of Roxburgh's plant names were first validated by other authors, and many others were later homonyms when published. The generally high regard in which Roxburgh has been held, the large number of taxa he dealt with (and their wide taxonomic and geographical range), and the nomenclatural complexities engendered by posthumous publication have all doubtless contributed to the large number of names published honouring William Roxburgh.

Materials and methods

The initial search for plant names honouring William Roxburgh was made using the International Plant Names Index (<https://ipni.org>). IPNI started compiling all infraspecific names published only recently, so hunts for infraspecific eponyms were made largely through Internet search engines. All Roxburgh epithets were assumed to relate to William Roxburgh unless contrary indications were found. Thankfully, his is a rare surname (although apt to orthographical error), and in fact the only name found definitely not commemorating William Roxburgh is one honouring his illegitimate son John (*Penaea roxburghii* Byng & Christenh., nom. illegit., a superfluous renaming of *Brachysiphon ericifolius* A.Juss., which is correctly *Penaea ericifolia* (A.Juss.) Gilg).

The names are listed below in alphabetical order, with an indication of the accepted name for the taxon, where possible. Accepted names are ultimately at the author's discretion but generally follow Plants of the World Online (<https://powo.science.kew.org>) or recent revisions. Illegitimate names (later homonyms or superfluous renamings) are included. The accepted names are listed in the subsequent section, with typification and heterotypic synonyms, if these involve a Roxburgh eponym. Unresolved names are also included in the main list. Names with a Roxburghian epithet that are not validly published or that are misapplied are given in the [Appendix](#).

Also included are the few names in the Charales, as these seem to be the only other 'green plants' named after Roxburgh. The inclusion of stoneworts here also seems justified in that they were included in the 1832 edition of *Flora Indica*.

Many of the eponyms listed here are names homotypic with Roxburgh's own. Forman (1997) provides details of the current locations of herbarium material originating from Roxburgh and the drawings that he had prepared of the many species that he dealt with. The two main sets of drawings are now in K and CAL, and for some Roxburgh names they are the only original material available.

Specimens were examined directly in K and BM, otherwise data and images were assessed via various online resources (e.g. virtual herbaria for B, BR, E, L, P and W) and microfiche collections for historical herbaria.

Roxburgh eponyms

Names in bold are accepted. Unresolved names do not link to an accepted name but are included in the main list.

Acacia procera (Roxb.) Willd. var. *roxburghiana* E.Fourn. → **Albizia procera** (Roxb.) Benth.

Acacia roxburghii Kostel. → **Albizia myrophylla** Benth.

Acacia roxburghii Wight & Arn. → **Vachellia eburnea** (L.f.) P.J.H.Hurter & Mabb.

Acyntha roxburghiana (Schult.f.) Kuntze → **Dracaena roxburghiana** (Schult.f.) Byng & Christenh.

- Adenoropium roxburghii* Kostel. → *Jatropha glandulifera* Roxb.
Aeschynomene roxburghii Spreng. → *Aeschynomene indica* L.
Aganosma roxburghii G.Don → *Kametia caryophyllata* (Roxb.) Nicolson & Suresh
Agialid roxburghii Kuntze → *Balanites roxburghii* Planch.
Aglaia roxburghiana Miq. → *Aglaia elaeagnoidea* (A.Juss.) Benth.
Alfaroa roxburghiana (Lindl.) Iljinsk. → *Alfaropsis roxburghiana* (Lindl.) Iljinsk.
Alfaropsis roxburghiana (Wall.) Iljinsk.
Allium roxburghii Kunth → *Allium tuberosum* Rottler ex Spreng.
Alpinia roxburghii Sweet
Alsodeia roxburghii Hook.f. & Thomson → *Rinorea heteroclita* (Roxb.) Craib
Alysicarpus roxburghianus Thoth. & A.Pramanik
Amaranthus roxburghianus H.W.Kung → *Amaranthus graecizans* subsp. *thellungianus* (Nevski) Gusev.
Amaranthus roxburghianus Nevski → *Amaranthus graecizans* subsp. *thellungianus* (Nevski) Gusev.
Ambrosina roxburghiana Voigt → *Cryptocoryne retrospiralis* (Roxb.) Kunth
Ampacus roxburghiana Kuntze → *Melicope lunu-ankenda* (Gaertn.) T.Hartley
Andropogon contortus subvar. *roxburghii* Hack. → *Heteropogon contortus* (L.) P.Beauv. ex Roem. & Schult.
Andropogon roxburghianus Schult. → *Dimeria ornithopoda* Trin.
Andropogon roxburghii Nees ex Wight & Arn. → *Cymbopogon citratus* (DC.) Stapf
Andropogon sorghum var. *roxburghii* Hack. → *Sorghum bicolor* (L.) Moench
Anoectochilus roxburghii (Wall.) Lindl.
Antidesma roxburghii Wall. ex Tul.
Antidesma sect. *Roxburghiana* Pax. & K.Hoffm.
Aporosa roxburghii Baill. → *Aporosa octandra* (Buch.-Ham ex D.Don) A.R.Vickery
Aporum roxburghii Griff. → *Dendrobium calceolum* Roxb.
Ardisia roxburghiana D.Dietr. → *Amblyanthus glandulosus* (Roxb.) A.DC.
Argyreia roxburghii (Sweet) Choisy
Arisaema roxburghii Kunth
Aristolochia roxburghiana Klotzsch → *Aristolochia acuminata* Lam.
Artemisia roxburghiana Besser
Arum roxburghii (Schott) Thwaites → *Typhonium roxburghii* Schott
Arundo roxburghii Kunth → *Phragmites karka* (Retz.) Steud.
Aspidopterys roxburghiana A.Juss. → *Triopteris indica* Willd.
Aster roxburghii Hook.f. → *Commidendrum robustum* (Roxb.) DC.
Atalantia roxburghiana Hook.f. → *Atalantia simplicifolia* (Roxb.) Engl.
Atalantia roxburghii Oliv. → *Atalantia simplicifolia* (Roxb.) Engl.
Athamanta roxburghiana Wall. → *Trachyspermum roxburghianum* Craib

- Balanites aegyptiaca* var. *roxburghii* (Planch.) Duthie → **Balanites roxburghii** Planch.
Balanites roxburghii Planch.
Balsamodendrum roxburghianum Wall. ex Voigt → **Commiphora caudata** (Wight & Arn.) Engl.
Balsamodendrum roxburghii Arn. → **Commiphora madagascariensis** Jacq.
Balsamodendrum roxburghii Stocks → **Commiphora wightii** (Arn.) Bhandari
Banara roxburghii Spreng.
Bauhinia roxburghiana Voigt → **Phanera roxburghiana** (Voigt) Bandyop., Anand Kumar & Chakrab.
Begonia roxburghii (Miq.) A.DC.
Beilschmiedia roxburghiana Nees
Berberis roxburghii (DC.) Laferr.
Bigelovia roxburghiana Wight & Arn. → **Spermacoce pusilla** Wall.
Blyxa roxburghii Rich. → **Blyxa octandra** (Roxb.) Planch. ex Thwaites
Bonnaya roxburghiana (Schult.) A.Dietr. → **Bonnaya antipoda** (L.) Druce
Borreria roxburghiana (Wight. & Arn.) Walp. → **Spermacoce pusilla** Wall.
Bouea burmanica var. *roxburghii* Pierre → **Bouea oppositifolia** (Roxb.) Meisn.
Bouea oppositifolia var. *roxburghii* (Pierre) Tard.-Blot → **Bouea oppositifolia** (Roxb.) Meisn.
Breweria roxburghii Choisy → **Bonamia semidigyna** (Roxb.) Hallier f.
Bridelia retusa var. *roxburghiana* Müll.Arg. → **Bridelia retusa** (L.) A.Juss.
Bridelia roxburghiana (Müll.Arg.) Gehrm. → **Bridelia retusa** (L.) A.Juss.
Bulbophyllum roxburghii (Lindl.) Rchb.f.

Caesalpinia roxburghii (G.Don) D.Dietr. → **Peltophorum pterocarpum** (DC.) Backer ex K.Heyne
Calamus roxburghii Griff. → **Calamus rotang** L.
Callicarpa roxburghiana Schult. → **Callicarpa longifolia** Lam.
Callicarpa roxburghii Wall. → **Callicarpa macrophylla** Vahl
Calonyction roxburghii G.Don → **Ipomoea alba** L.
Calpicarpum roxburghii G.Don → **Kopsia fruticosa** (Roxb.) A.DC.
Calycopteris nutans var. *roxburghii* Kurz → **Getonia floribunda** Roxb.
Campanopsis roxburghii (A.DC.) Kuntze → **Wahlenbergia roxburghii** A.DC.
Candarum roxburghii Schott → **Amorphophallus paeoniifolius** (Dennst.) Nicolson
Canscora roxburghii Arn.
Capparis roxburghii DC.
Carum roxburghianum Waring → **Trachyspermum roxburghianum** Craib
Cassia roxburghii DC.
Cassine glauca var. *roxburghii* Pierre → **Cassine albens** (Retz.) Kosterm.
Cassumunar roxburghii Colla → **Zingiber purpureum** Roscoe
Cassuvium roxburghii (Roxb.) Kuntze → **Semecarpus forstenii** Blume
Castanea roxburghii Lindl. → **Castanopsis castanicarpa** (Roxb.) Spach

- Castanopsis roxburghiana* S.N.Biswas → *Castanopsis lanceifolia* (Oerst.) Hickel & A.Camus
Cathartocarpus roxburghii (DC.) Loudon → *Cassia roxburghii* DC.
Cayratia roxburghii Gagnep.
Celtis roxburghii Planch. → **Celtis tetrandra** Roxb.
Celtis roxburghii Voigt → **Celtis tetrandra** Roxb.
Centaurium roxburghii Druce → **Centaurium brachiatum** (Willd.) I.M.Turner
Ceriops roxburghiana Arn. → **Ceriops decandra** (Griff.) W.Theob.
Chara roxburghii A.Braun → **Chara corallina** Willd.
Chavica roxburghii Miq. → **Piper longum** L.
Chionanthus paniculatus var. *roxburghii* (Spreng.) K.K.N.Nair & K.P.Janardh → **Chionanthus ramiflorus** Roxb.
Chionanthus roxburghii (Spreng.) S.K.Srivast. & S.L.Kapoor → **Chionanthus ramiflorus** Roxb.
Chloris roxburghiana Schult. → **Tetrapogon roxburghiana** (Schult.) P.M.Peterson
Chloris roxburghii Edgew. → **Enteropogon dolichostachyus** (Lag.) Keng
Chrysanthemum roxburghii Desf. → **Glebionis coronaria** (L.) Cass. ex Spach
Chrysobaphus roxburghii Wall. → **Anoechtochilus roxburghii** (Wall.) Lindl.
Chrysophyllum roxburghianum Wall. ex Speede → **Chrysophyllum roxburghii** G.Don
Chrysophyllum roxburghii G.Don
Cicendia roxburghii Griseb. → **Canscora diffusa** (Vahl) R.Br. ex Roem. & Schult.
Cinnamomum verum var. *roxburghii* Lukman. → **Cinnamomum verum** J.Presl
Cirrhopetalum roxburghii Lindl. → **Bulbophyllum roxburghii** (Lindl.) Rchb.f.
Cissus roxburghii Peterm. → **Ampelocissus latifolia** (Roxb.) Planch.
Cissus roxburghii Planch. → **Cayratia roxburghii** Gagnep.
Clompanus roxburghii (Wall.) Kuntze → **Sterculia roxburghiana** Wall.
Cocculus roxburghianus DC. → **Stephania japonica** var. *timoriensis* (DC.) Forman
Combretum roxburghii G.Don → **Combretum albidum** G.Don
Combretum roxburghii Spreng.
Commiphora caudata var. *roxburghiana* (A.W.Benn.) Engl. → **Commiphora caudata** (Wight & Arn.) Engl.
Commiphora roxburghii Engl. → **Commiphora wightii** (Arn.) Bhandari
Connarus roxburghii Hook. & Arn. → **Rourea minor** (Gaertn.) Merr.
Conocephalus roxburghii Trécul → **Poikilospermum naucleiflorum** (Lindl.) Chew
Cordia roxburghii C.B.Clarke → **Cordia ecalyculata** Vell.
Cordyline roxburghiana (Schult.f.) Merr. → **Dracaena roxburghiana** (Schult.f.) Byng & Christenh.
Costus roxburghii Hasselt → **Hellenia globosa** (Blume) S.R.Dutta
Crateva religiosa var. *roxburghii* (R.Br.) Hook.f. & Thomson → **Crateva adansonii** subsp. *odora* (Buch.-Ham.) Jacobs
Crateva roxburghii R.Br. → **Crateva adansonii** subsp. *odora* (Buch.-Ham.) Jacobs

- Crinum roxburghii* Dalzell → *Crinum defixum* Ker Gawl.
Crotalaria roxburghiana DC. → *Crotalaria calycina* Schrank
Croton roxburghii N.P.Balacr. → *Croton persimilis* Müll.Arg.
Croton roxburghii Wall. → *Baliospermum solanifolium* (Burm.) Suresh
Cryptocoryne roxburghii Schott → *Cryptocoryne retrospiralis* (Roxb.) Kunth
Cupania roxburghii Wight → *Mischocarpus pentapetalus* (Roxb.) Radlk.
Curcuma roxburghii M.A.Rahman & Yusuf
Cyperus paniceus var. *roxburghianus* (C.B.Clarke) Kük. → ***Cyperus paniceus*** (Rottb.) Boeckeler
Cyperus roxburghianus C.Presl → ***Cyperus laevigatus*** L.
Cyperus roxburghii A.Dietr. → ***Cyperus laevigatus*** L.
Cyperus roxburghii Nees → ***Cyperus platyphyllus*** Roem. & Schult.

Daphniphyllum roxburghii Baill. → *Flacourtia inermis* Roxb.
Dendrobium roxburghii Lindl. → *Dendrobium calceolum* Roxb.
Desmodium roxburghii Sweet → *Sohmaea diffusa* (DC.) H.Ohashi & K.Ohashi
Diasperus roxburghii Kuntze → ***Nymphanthus roxburghii*** R.W.Bouman
Dicliptera roxburghiana Nees → *Dicliptera chinensis* (L.) Juss.
Digitalis roxburghii Roth
Digitaria roxburghii Spreng. → ***Digitaria longiflora*** (Retz.) Pers.
Dimeria connivens var. *roxburghiana* K.C.Mohan & Prasanna → ***Dimeria connivens*** Hack.
Dioryktandra roxburghii Hassk. → ***Rinorea heteroclita*** (Roxb.) Craib
Diospyros roxburghii Carrière
Diplazium roxburghii T.Moore → ***Diplazium phanerotis*** Kunze
Diploclinium roxburghii Miq. → ***Begonia roxburghii*** (Miq.) A.DC.
Donella roxburghii Pierre ex Lecomte → ***Chrysophyllum roxburghii*** G.Don
Dracaena roxburghiana (Schult.f.) Byng & Christenh.
Drypetes roxburghii (Wall.) Hurus. → ***Putranjiva roxburghii*** Wall.
Dysophylla stellata var. *roxburghiana* H.Keng → ***Pogostemon quadrifolius*** (Benth.) F.Muell.

Elaeodendron roxburghii Wight & Arn. → ***Cassine albens*** (Retz.) Kosterm.
Embelia robusta var. *roxburghii* Kurz → ***Embelia tsjeriam-cottam*** (Roem. & Schult.) A.DC.
Engelhardia roxburghiana Lindl. → ***Alfaropsis roxburghiana*** (Lindl.) Iljinsk.
Epistylium roxburghii Baill. → ***Nymphanthus roxburghii*** (Kuntze) R.W.Bouman
Epithema roxburghii DC. → ***Epithema involucrata*** (Roxb.) B.L.Burt
Erianthus roxburghii F.Muell. → ***Pseudopogonatherum trispicatum*** (Schult.) Ohwi
Erica roxburghii Benth. → ***Erica verticillata*** P.J.Bergius
Erica verticillata var. *roxburghii* (Benth.) Bolus → ***Erica verticillata*** P.J.Bergius
Ericoides roxburghii (Benth.) Kuntze → ***Erica verticillata*** P.J.Bergius
Eriolaena roxburghii Spreng. → ***Pterospermum semisagittatum*** Hort. Angl. ex Link

Erythraea roxburghii G.Don → **Centaurium brachiatum** (Willd.) I.M.Turner
Erythropsis roxburghiana Schott & Endl. → **Firmiana colorata** (Roxb.) R.Br.
Eugenia bracteata var. *roxburghii* (DC.) Duthie → **Eugenia roxburghii** DC.
Eugenia javanica var. *roxburghiana* Duthie → **Syzygium samarangense** (Blume) Merr. & L.M.Perry

Eugenia roxburghii DC.

Euodia lepta var. *roxburghiana* (Cham.) M.Hiroe → **Melicope lunu-ankenda** (Gaertn.) T.Hartley
Euodia roxburghiana Benth. → **Melicope lunu-ankenda** (Gaertn.) T.Hartley
Eurya roxburghii Wall. ex Blume → **Eurya acuminata** DC.
Eusteralis stellata var. *roxburghiana* (H.Keng) Bennet & Raizada → **Pogostemon quadrifolius** (Benth.) F.Muell.

Ficus hirta subsp. *roxburghii* (King) C.C.Berg → **Ficus triloba** Buch.-Ham. ex Voigt
Ficus hirta var. *roxburghii* King → **Ficus triloba** Buch.-Ham. ex Voigt
Ficus roxburghii Miq. → **Ficus triloba** Buch.-Ham. ex Voigt
Ficus roxburghii Wall. → **Ficus auriculata** Lour.
Ficus simplicissima Lour. var. *roxburghii* (King) Hong Qing Li & J.Lu → **Ficus triloba** Buch.-Ham. ex Voigt
Fimbristylis roxburghii A.Dietr. → **Fimbristylis ferruginea** (L.) Vahl
Furcaria roxburghii Kostel. → **Hibiscus hispidissimus** Griff.

Gandasulium roxburghii (Blume) Kuntze → **Hedychium roxburghii** Blume
Ganitrus roxburghii Wight → **Elaeocarpus angustifolius** Blume
Garcinia roxburghii Wight → **Garcinia cowa** Roxb. ex Choisy
Glochidion roxburghianum Müll.Arg. → **Glochidion obscurum** (Roxb. ex Willd.) Blume
Gnaphalium roxburghianum Voigt → **Laphangium luteoalbum** (L.) Tzvelev
Gossypium neglectum var. *roxburghianum* Tod. → **Gossypium arboreum** L.
Gossypium roxburghii Tod. → **Gossypium arboreum** L.
Gratiola roxburghiana Roem. & Schult. → **Bonnaya antipoda** (L.) Druce
Grewia roxburghii G.Don → **Grewia rothii** DC.

Habenaria roxburghii Nicolson

Hedychium roxburghii Blume

Hedysarum roxburghii Spreng. → **Sohmaea diffusa** (DC.) H.Ohashi & K.Ohashi
Helicteres roxburghii G.Don → **Helicteres isora** L.
Heliotropium roxburghianum Voigt → **Heliotropium paniculatum** Roxb.
Heliotropium roxburghii Spreng. → **Heliotropium paniculatum** Roxb.
Henckelia roxburghiana A.Dietr. → **Bonnaya ruellioides** (Colsm.) Spreng.
Heptapleurum venulosum var. *roxburghii* (Gamble) Haines → **Heptapleurum venulosum** (Wight & Arn.) Seem.

- Heterophragma roxburghii* DC. → *Heterophragma quadriloculare* (Roxb.) K.Schum.
Heteropogon roxburghii Arn. ex Nees → *Dimeria avenacea* (Retz.) C.E.C.Fisch.
Hibiscus roxburghianus (Wight) Mabb. → *Kydia calycina* Roxb.
Hibiscus roxburghii Steud. → *Abelmoschus moschatus* Medik.
Holcus sorghum var. *roxburghii* (Hack.) L.H.Bailey → *Sorghum bicolor* (L.) Moench
Horsfieldia roxburghii Warb. → *Horsfieldia spicata* (Roxb.) J.Sinclair
Hunteria corymbosa var. *roxburghiana* (Wight) Trimen ex Gamble → *Hunteria zeylanica*
(Retz.) Gardner ex Thwaites
Hunteria roxburghiana Wight → *Hunteria zeylanica* (Retz.) Gardner ex Thwaites
Hyalostemma roxburghianum Wall. → *Miliusa dioeca* (Roxb.) Chaowasku
Hydrilla roxburghii Steud. → *Hydrilla verticillata* (L.f.) Royle
Hygrophila phlomoides var. *roxburghii* C.B.Clarke → *Hygrophila ringens* (L.) R.Br. ex Steud.
Ichnocarpus roxburghii (G.Don) Mottet → *Kamettia caryophyllata* (Roxb.) Nicolson & Suresh
Indigofera roxburghiana J.St.-Hil. → *Indigofera coerulea* Roxb.
Indigofera roxburghii Tausch → *Indigofera linifolia* (L.f.) Retz.
Ipomoea roxburghii Steud. → *Ipomoea alba* L.
Ipomoea roxburghii Sweet → *Argyreia roxburghii* (Sweet) Choisy
Isauxis roxburghiana (Wight) Thwaites → *Vatica chinensis* L.
Isolepis barbata var. *roxburghiana* Nees → *Bulbostylis barbata* (Rottb.) C.B.Clarke
Isolobus roxburghianus A.DC. → *Lobelia chinensis* Lour.
Ixora cuneifolia var. *roxburghii* Kurz → *Ixora cuneifolia* Roxb.
***Ixora roxburghii* Kuntze**
Ixora stricta var. *roxburghiana* Kurz → *Ixora chinensis* Lam.
Ixora tomentosa var. *roxburghii* Kurz → *Pavetta tomentosa* Roxb. ex Sm.
Jagera roxburghii Blume → *Jagera javanica* (Blume) Kalkman
Jasminum arborescens var. *roxburghianum* (Wall. ex Edgew.) Haines → ***Jasminum***
***montanum* Roth**
Jasminum roxburghianum Wall. ex C.B.Clarke → ***Jasminum montanum* Roth**
Jasminum roxburghianum Wall. ex Edgew. → ***Jasminum montanum* Roth**
Justicia roxburghiana Roem. & Schult. → *Peristrophe bivalvis* (L.) Juss.
Juzepczukia roxburghii (Tratt.) Chrshan. → *Rosa roxburghii* Tratt.
Kadsura roxburghiana Arn. → *Kadsura heteroclita* (Roxb.) Craib
Kaempferia roxburghiana Schult. → *Kaempferia angustifolia* Roscoe
Kaukenia roxburghiana Kuntze → *Manilkara roxburghiana* (Wight) Dubard
***Knoxia roxburghii* (Spreng.) M.A.Rau**
Kopsia roxburghii Wehmer → *Kopsia fruticosa* (Roxb.) A.DC.
Kydia roxburghiana Wight → *Kydia calycina* Roxb.

- Lagarosiphon roxburghii* (Planch.) Benth. → **Nechamandra alternifolia** (Roxb. ex Wight) Thwaites
- Lasia roxburghii* Griff. → **Lasia spinosa** (L.) Thwaites
- Lasianthus roxburghii* Wight → **Lasianthus hirsutus** (Roxb.) Merr.
- Lasiobema roxburghianum* (Voigt) I.M.Turner → **Phanera roxburghiana** (Voigt) Bandyop., Anand Kumar & Chakrab.
- Lepidostachys roxburghii* Wall. ex Lindl. → **Aporosa octandra** (Buch.-Ham ex D.Don) A.R.Vickery
- Lepturus roxburghianus* (Schult.) Steud. → **Oropetium roxburghianum** (Schult.) S.M.Phillips
- Ligustrum japonicum* var. *roxburghii* Dippel → **Ligustrum lucidum** W.T.Aiton
- Ligustrum roxburghii* Blume → **Ligustrum lucidum** W.T.Aiton
- Ligustrum roxburghii* C.B.Clarke → **Ligustrum robustum** subsp. **perrottetii** (A.DC.) de Juana
- Limnophila roxburghii* G.Don → **Limnophila heterophylla** (Roxb.) Benth.
- Linociera intermedia* var. *roxburghii* (Spreng.) C.B.Clarke → **Chionanthus ramiflorus** Roxb.
- Lithocardium roxburghii* (C.B.Clarke) Kuntze → **Cordia ecalyculata** Vell.
- Litsea laurifolia* var. *roxburghii* (Blume) Cordem. → **Litsea glutinosa** (Lour.) C.B.Rob.
- Litsea roxburghii* Hassk. ex Backer → **Litsea robusta** Blume
- Litsea sebifera* var. *roxburghii* (Blume) Meisn. ex Trimen → **Litsea glutinosa** (Lour.) C.B.Rob.
- Lobelia roxburghiana* (DC.) Heynh. → **Lobelia chinesis** Lour.
- Lycopodium roxburghii* Hook. & Grev. → **Selaginella roxburghii** (Hook. & Grev.) Spring
- Macaranga roxburghii* Wall. → **Macaranga peltata** (Roxb.) Müll.Arg.
- Macaranga williamroxburghii* Chakrab. → **Macaranga involucreta** (Roxb.) Baill.
- Mahonia napaulensis* var. *roxburghii* DC. → **Berberis roxburghii** (DC.) Laferr.
- Mahonia roxburghii* (DC.) Takeda → **Berberis roxburghii** (DC.) Laferr.
- Mallotus roxburghianus** Müll.Arg.
- Manilkara roxburghiana** (Wight) Dubard
- Mariscus paniceus* var. *roxburghianus* C.B.Clarke → **Cyperus paniceus** (Rottb.) Boeckeler
- Mariscus roxburghianus* (C.B.Clarke) Alston → **Cyperus paniceus** (Rottb.) Boeckeler
- Melicope roxburghii* Engl. → **Tetractomia tetrandrum** (Roxb.) Merr.
- Menispermum roxburghianum* (DC.) Spreng. → **Stephania japonica** var. **timoriensis** (DC.) Forman
- Mephitidia roxburghii* Wight & Arn. → **Lasianthus hirsutus** (Roxb.) Merr.
- Mesua roxburghii* Wight → **Mesua ferrea** L.
- Miliusa roxburghiana* (Wall.) Hook.f. & Thomson → **Miliusa dioeca** (Roxb.) Chaowasku
- Milnea roxburghiana* Wight & Arn. → **Aglaia elaeagnoidea** (A.Juss.) Benth.
- Mimusops roxburghiana* Wight → **Manilkara roxburghiana** (Wight) Dubard
- Momordica roxburghiana* G.Don → **Momordica charantia** L.
- Monocera roxburghii* Wight → **Elaeocarpus rugosus** Roxb. ex G.Don
- Mussaenda roxburghii** Hook.f.

- Naravelia zeylanica* var. *roxburghii* DC. → **Clematis zeylanica** (L.) Poir.
Nauclea roxburghiana (Korth.) Walp. → **Uncaria roxburghiana** Korth.
Nauclea roxburghii G.Don → **Nauclea orientalis** (L.) L.
Nechamandra roxburghii Planch. → **Nechamandra alternifolia** (Roxb. ex Wight) Thwaites
Nitella furcata f. *roxburghii* (A.Braun) R.D.Wood
Nitella furcata var. *roxburghii* (A.Braun) Zaneveld → **Nitella furcata** f. *roxburghii* (A.Braun)
R.D.Wood
Nitella polyglochin var. *roxburghii* (A.Braun) A.Braun → **Nitella furcata** f. *roxburghii* (A.Braun)
R.D.Wood
Nitella roxburghii A.Braun → **Nitella furcata** f. *roxburghii* (A.Braun) R.D.Wood
Nymphanthus roxburghii (Kuntze) R.W.Bouman

Olea roxburghiana Schult. → **Chionanthus ramiflorus** Roxb.
Olea roxburghii Spreng. → **Chionanthus ramiflorus** Roxb.
Oncinema roxburghii Arn. → **Oncinema lineare** (L.f.) Bullock
Ophiorrhiza roxburghiana Wight
Opuntia roxburghiana Voigt → **Opuntia ficus-indica** (L.) Mill.
Orchis roxburghii Pers. → **Habenaria roxburghii** Nicolson
Oropetium roxburghianum (Steud.) S.M.Phillips
Oxydectes roxburghiana Kuntze → **Croton dioecus** Roxb.

Pacouria roxburghii Kostel. → **Willughbeia edulis** Roxb.
Paederia roxburghii Spreng. → **Paederia erecta** Roxb.
Panicum neurodes var. *roxburghianum* A.Braun → **Setaria palmifolia** (J.Koenig) Stapf
Panicum roxburghianum Schult. → **Sacciolepis interrupta** (Willd.) Stapf
Panicum roxburghii Spreng. → **Panicum curviflorum** Hornem.
Parkia roxburghii G.Don → **Parkia timoriana** (DC.) Merr.
Pavetta tomentosa var. *roxburghii* (Kurz) Bremek. → **Pavetta tomentosa** Roxb. ex Sm.
Pecteilis roxburghii (Nicolson) M.A.Clem. & D.L.Jones → **Habenaria roxburghii** Nicolson
Peltophorum roxburghii (G.Don) O.Deg. → **Peltophorum pterocarpum** (DC.) Backer ex
K.Heyne
Penicillaria roxburghii A.Braun & C.D.Bouché → **Cenchrus americanus** (L.) Morrone
Pentaloba roxburghii Wall. → **Rinorea heteroclita** (Roxb.) Craib
Pentaptera roxburghii Tul. → **Combretum roxburghii** Spreng.
Peperomia roxburghiana (Schult.) A.Dietr. → **Piper angustifolium** Roxb.
Peristrophe roxburghiana Bremek. → **Peristrophe bivalvis** (L.) Merr.
Petunga roxburghii DC. → **Hypobathrum racemosum** (Roxb.) Kurz
Phanera roxburghiana (Voigt) Bandyop., Anand Kumar & Chakrab.
Phaseolus roxburghii Wight & Arn. → **Vigna mungo** (L.) Hepper
Phoberos roxburghii Benn. → **Scolopia spinosa** (Roxb.) Warb.

- Phragmites roxburghii* (Kunth) Steud. → *Phragmites karka* (Retz.) Steud.
Phyllanthus casticus var. *roxburghianus* Müll.Arg. → *Kirganelia castica* (P.Willemet)
 R.W.Bouman
Phyllanthus roxburghii Müll.Arg. → *Nymphanthus roxburghii* (Kuntze) R.W.Bouman
Phyllorkis roxburghii (Lindl.) Kuntze → *Bulbophyllum roxburghii* (Lindl.) Rchb.f.
Pinardia roxburghii Less. ex Fisch., C.A.Mey. & Trautv. → *Glebionis coronaria* (L.) Cass. ex
 Spach
Pinus longifolia Roxb. → *Pinus roxburghii* Sarg.
Pinus roxburghii Sarg.
Pinus ser. *Roxburghiae* A.E.Murray
Pinus subsect. *Roxburghiae* A.E.Murray
Pinus subser. *Roxburghiae* A.E.Murray
Piper roxburghianum Schult. → *Piper angustifolium* Roxb.
Piper roxburghii (Miq.) J.Presl → *Piper longum* L.
Poa roxburghiana Schult. → *Eragrostis cilianensis* (All.) Vignolo ex Janch.
Pogostemon stellatus var. *roxburghianus* (H.Keng) H.Keng → *Pogostemon quadrifolius*
 (Benth.) F.Muell.
Poinciana roxburghii G.Don → *Peltophorum pterocarpum* (DC.) Backer ex K.Heyne
Poivrea roxburghii (Spreng.) DC. → *Combretum roxburghii* Spreng.
Polygonum herniarioides var. *roxburghii* Boiss. → *Polygonum plebeium* R.Br.
Polygonum roxburghii Meisn. → *Polygonum plebeium* R.Br.
Potamogeton roxburghianus Schult. → *Potamogeton nodosus* Poir.
Pothos neoroxburghii P.C.Boyce → *Pothos roxburghii* de Vriese
Pothos roxburghii de Vriese
Primula roxburghii N.P.Balakr. → *Primula rotundifolia* Wall.
Priva roxburghii Endl. → *Priva cordifolia* (L.f.) Druce
Protea roxburghii Poir. → *Serruria roxburghii* R.Br.
Protium caudatum var. *roxburghianum* A.W.Benn. → *Protium caudatum* (Wight & Arn.) Engl.
Protium roxburghianum Wight & Arn. → *Protium caudatum* (Wight & Arn.) Engl.
Psychotria roxburghii DC.
Pterocarpus roxburghii G.Don
Pterygota roxburghii Schott & Endl. → *Pterygota alata* (Roxb.) R.Br.
Ptychotis roxburghiana DC. → *Trachyspermum roxburghianum* Craib
Putranjiva roxburghii Wall.
Pyrus roxburghii K.Koch → *Pyrus pyrifolia* (Burm.f.) Nakai
Quercus acutissima subsp. *roxburghii* (Endl.) A.Camus → *Castanopsis indica* (Roxb. ex
 Lindl.) A.DC.
Quercus acutissima var. *roxburghii* (Endl.) Schottky → *Castanopsis indica* (Roxb. ex Lindl.) A.DC.

- Quercus roxburghii* Endl. → **Castanopsis indica** (Roxb. ex Lindl.) A.DC.
Quercus serrata var. *roxburghii* (Endl.) A.DC. → **Castanopsis indica** (Roxb. ex Lindl.) A.DC.
- Randia roxburghii* Ridl. → **Oxyceros kunstleri** (King & Gamble) Tirveng.
Rhus chinensis var. *roxburghii* (DC.) Rehder → **Rhus chinensis** Mill.
Rhus javanica var. *roxburghii* (DC.) Rehder & E.H.Wilson → **Rhus chinensis** Mill.
Rhus semialata var. *roxburghii* DC. → **Rhus chinensis** Mill.
Rhyncholepis roxburghii Miq. → **Piper rostratum** Roxb.
Rinorea roxburghii Kuntze → **Rinorea heteroclita** (Roxb.) Craib
Rivea roxburghii Prain ex D.Brandis → **Rivea ornata** (Roxb.) Choisy
- Rosa roxburghii** Tratt.
- Rotala roxburghiana* Wight → **Rotala rosea** (Poir.) C.D.K.Cook ex H.Hara
Rottboellia roxburghiana Schult. → **Oropetium roxburghianum** (Schult.) S.M.Phillips
Roxburghia Roxb. → **Stemona** Lour.
- Rubus roxburghianus* Wall. ex Steud. → **Rubus fraxinifolius** Poir.
Rumex roxburghianus Willd. → **Rumex nepalensis** Spreng.
- Saccharum spontaneum* var. *roxburghii* Honda → **Saccharum spontaneum** L.
- Salacia roxburghii* Wall. → **Salacia salacioides** (Roxb.) R.S.Rao & Hemadri
Samara robusta var. *roxburghii* (Kurz) Kurz → **Embelia tsjeriam-cottam** (Roem. & Schult.) A.DC.
Sansevieria roxburghiana Schult.f. → **Dracaena roxburghiana** (Schult.f.) Byng & Christenh.
Santalodes roxburghii Kuntze → **Rourea minor** (Gaertn.) Merr.
Sarcochilus roxburghii Hook.f. → **Micropera pallida** Lindl.
- Saurauia roxburghii** Wall.
- Schefflera roxburghii* Gamble → **Heptapleurum venulosum** (Wight & Arn.) Seem.
Schefflera venulosa var. *roxburghii* (Gamble) K.K.Khanna → **Heptapleurum venulosum** (Wight & Arn.) Seem.
- Scleria lithosperma* var. *roxburghii* C.B.Clarke → **Scleria lithosperma** var. **linearis** Benth.
Scleria roxburghii (C.B.Clarke) Domin → **Scleria lithosperma** var. **linearis** Benth.
Sclerostylis roxburghii Wight → **Atalantia simplicifolia** (Roxb.) Engl.
Scolopia roxburghii Clos → **Scolopia spinosa** (Roxb.) Warb.
Scurrula roxburghii G.Don → **Scurrula parasitica** L.
- Selaginella roxburghii** (Hook. & Grev.) Spring
- Semecarpus roxburghii* Blume → **Semecarpus forstenii** Blume
- Serruria roxburghii** R.Br.
- Sesbania roxburghii* Merr. → **Sesbania aculeata** (Schreb.) Pers.
- Shorea roxburghii** G.Don
- Smilax roxburghiana* Wall. ex A.DC. → **Pachygone laurifolia** (DC.) Lian Lian & Wei Wang
Smilax roxburghiana Wall. ex Royle
Smilax roxburghii Kunth → **Smilax ovalifolia** Roxb. ex D.Don

- Solanum roxburghii* Dunal → **Solanum nigrum** L.
- Sorghum roxburghii* Stapf → **Sorghum bicolor** (L.) Moench
- Sorghum vulgare* var. *roxburghii* (Hack.) Haines → **Sorghum bicolor** (L.) Moench
- Southwellia roxburghiana* (Wall.) Spach → **Sterculia roxburghiana** Wall.
- Sparaxis roxburghii** (Baker) Goldblatt
- Spathodea roxburghii* Spreng. → **Heterophragma quadriloculare** (Roxb.) K.Schum.
- Spatholobus roxburghii* Benth. → **Spatholobus parviflorus** (Roxb. ex DC.) Kuntze
- Spermacoce roxburghiana* Schult. → **Knoxia roxburghii** (Spreng.) M.A.Rau
- Spermacoce roxburghii* Spreng. → **Knoxia roxburghii** (Spreng.) M.A.Rau
- Spinacia oleracea* var. *roxburghiana* Moq. → **Spinacia oleracea** L.
- Spiraea roxburghiana* Wall. → **Spiraea cantoniensis** Lour.
- Stephania roxburghiana* Miers → **Stephania japonica** var. **timoriensis** (DC.) Forman
- Sterculia roxburghiana** Wall.
- Stylocoryna roxburghii* Steud. → **Tarenna odorata** (Roxb.) B.L.Rob.
- Sycomorpha roxburghii* Miq. → **Ficus hispida** L.f.
- Symplocos racemosa* var. *roxburghiana* Kurz → **Symplocos racemosa** Roxb.
- Synnotia bicolor* var. *roxburghii* Baker → **Sparaxis roxburghii** (Baker) Goldblatt
- Synnotia roxburghii* (Baker) G.J.Lewis → **Sparaxis roxburghii** (Baker) Goldblatt
- Syzygium roxburghianum* Raizada → **Syzygium praecox** (Roxb.) Rathakr. & N.C.Nair
- Tacca roxburghii* H.Limpr. → **Tacca chantrieri** André
- Talauma roxburghii* G.Don → **Magnolia pterocarpa** Roxb.
- Tanarius roxburghii* Kuntze → **Macaranga peltata** (Roxb.) Müll.Arg.
- Taxotrophis roxburghii* Blume → **Streblus taxoides** (B.Heyne ex Roth) Kurz
- Tephrosia roxburghiana** J.R.Drumm.
- Terminalia crenulata* var. *roxburghii* Kurz → **Terminalia arjuna** (Roxb. ex DC.) Wight & Arn.
- Tetractomia roxburghii* Hook.f. → **Tetractomia tetrandrum** (Roxb.) Merr.
- Tetranthera laurifolia* var. *roxburghii* Blume → **Litsea glutinosa** (Lour.) C.B.Rob.
- Tetranthera roxburghii* Nees → **Litsea glutinosa** (Lour.) C.B.Rob.
- Tetrapogon roxburghianus** (Schult.) P.M.Peterson
- Thunbergia roxburghia* Nees → **Thunbergia fragrans** Roxb.
- Tournefortia roxburghii* C.B.Clarke → **Tournefortia montana** Lour.
- Toxocarpus roxburghii* Wight & Arn. → **Toxocarpus longistigma** (Roxb.) Steud.
- Trachyspermum roxburghianum** Craib
- Tragus roxburghii* Panigrahi → **Tragus mongolorum** Ohwi
- Trichoon roxburghii* (Kunth) W.Wight → **Phragmites karka** (Retz.) Steud.
- Tripogon roxburghianus* (Schult.) Bhide → **Oropetium roxburghianum** (Schult.) S.M.Phillips
- Typhonium divaricatum* var. *roxburghii* (Schott) Engl. → **Typhonium roxburghii** Schott
- Typhonium roxburghii** Schott

Uncaria roxburghiana Korth.*Uragoga roxburghii* (DC.) Kuntze → *Psychotria roxburghii* DC.*Urtica roxburghii* Steud. → *Oreocnide frutescens* (Thunb.) Miq.*Uruparia roxburghiana* (Korth.) Kuntze → *Uncaria roxburghiana* Korth.*Utricularia roxburghii* Spreng. → *Utricularia gibba* L.*Vanda roxburghii* R.Br. → *Vanda tessellata* (Roxb.) Hook. ex G.Don*Vandellia roxburghii* G.Don → *Torenia anagallis* (Burm.f.) Wannan, W.R.Barker & Y.S.Liang*Vateria roxburghiana* Wight → *Vatica chinensis* L.*Vatica roxburghiana* (Wight) Blume → *Vatica chinensis* L.*Vernonia roxburghii* Less. → *Acilepis aspera* (Buch.-Ham.) H.Rob.*Vilfa roxburghiana* Nees ex Steud. → *Sporobolus coromandelianus* (Retz.) Kunth*Viola roxburghiana* Voigt → *Viola betonicifolia* Sm.*Viscum orientale* f. *roxburghianum* (Korth.) Miq. → *Viscum ovalifolium* Wall. ex DC.*Viscum roxburghianum* Korth. → *Viscum ovalifolium* Wall. ex DC.*Vitex peduncularis* f. *roxburghiana* (C.B.Clarke) Moldenke → *Vitex peduncularis* Wall. ex Schauer*Vitex peduncularis* var. *roxburghiana* C.B.Clarke → *Vitex peduncularis* Wall. ex Schauer*Vitis roxburghii* M.A.Lawson → *Cayratia roxburghii* Gagnep.*Vitis roxburghii* Wight & Arn. → *Tetrastigma leucostaphylum* (Dennst.) Alston**Wahlenbergia roxburghii** A.DC.*Wrightia tomentosa* var. *roxburghii* (Roxb.) A.DC. → *Wrightia arborea* (Dennst.) Mabb.*Xanthium roxburghii* Wallr. → *Xanthium strumarium* L.*Xanthophyllum roxburghianum* Wight → *Xanthophyllum arnotianum* Wight*Zanthoxylum roxburghianum* Cham. → *Melicope lunu-ankenda* (Gaertn.) T.Hartley*Zeuxine roxburghii* (Wall.) M.Hiroe → *Anoectochilus roxburghii* (Wall.) Lindl.*Ziziphus roxburghiana* Voigt → *Ziziphus rugosa* Lam.**List of accepted names that honour William Roxburgh or include synonyms that do so**

Names are listed alphabetically and their types are indicated, where possible. Unresolved names are also included.

Abelmoschus moschatus Medik., Malvenfam.: 46 (1787). – *Hibiscus abelmoschus* L., Sp. Pl. 2: 696 (1753). – Type: Herb. Clifford 349, *Hibiscus* (lectotype BM [BM000646497], designated by Borssum Waalkes, Blumea 14: 92 [1966]).

Hibiscus chinensis Roxb., Fl. Ind. 3: 212 (1832), nom. illegit., non *H. chinensis* DC. (1824). – *Hibiscus roxburghii* Steud., Nomencl. Bot., ed. 2, 1: 760 (1840). – Type: non designatus.

Steudel provided a replacement name for Roxburgh's illegitimate *Hibiscus chinensis*. I have not traced any original material for Roxburgh's name.

Acilepis aspera (Buch.-Ham.) H. Rob., Proc. Biol. Soc. Washington 112: 226 (1999). – *Vernonia aspera* Buch.-Ham., Trans. Linn. Soc. London 14: 219–220 (1824). – Type: India, Botanical Garden, 1815, *F. Buchanan-Hamilton s.n.* [EIC 2922E] (lectotype K-W [K001118205], designated here).

Vernonia roxburghii Less., Linnaea 6(4): 674 (1831). – Type: Ind. orient., H.B., 6 i 1815, *N. Wallich* 13 (lectotype C [C10023864], designated here).

Eupatorium asperum Roxb., Fl. Ind. 3: 415 (1832). – Type: [unpublished illustration] Icones Roxburghianae 2545 [2539 on drawing] (lectotype K, designated here).

In describing *Vernonia roxburghii*, Lessing referred to two specimens in Hornemann's herbarium sent by Wallich. A specimen in C, bearing a label by Lessing, is here selected as lectotype for Lessing's name. Buchanan-Hamilton had already provided a name for the plant growing in Calcutta. He undoubtedly took his epithet from Roxburgh's nomen nudum *Eupatorium asperum*, which was validated only in 1832.

Aeschynomene indica L., Sp. Pl. 2: 713 (1753). – Type: [published illustration] Rheede, Hort. Malab. 9: t. 18 (1689) (lectotype designated by Verdcourt in Gillett *et al.*, Fl. Trop. E. Afr., Legum. (Pt 3) subfam. Papilion. (1): 373 [1971]).

Aeschynomene viscidula Roxb. ex Willd., Enum. Pl. 2: 776 (1809), nom. illegit., non *A. viscidula* Michx. (1803). – *Aeschynomene subviscosa* DC., Prodr. 2: 321 (1825). – *Aeschynomene roxburghii* Spreng., Syst. Veg., ed. 16, 3: 322 (1826), nom. illegit., superfl. – Type: *Anon. s.n.* (lectotype B-W [B –W 13739 -01 0], designated here).

Aeschynomene roxburghii Spreng. is a superfluous renaming of the later homonym *Aeschynomene viscidula* Roxb. ex Willd. because de Candolle had already provided a replacement name.

Aglaia elaeagnoidea (A. Juss.) Benth., Fl. Austral. 1: 383 (1863). – *Nemedra elaeagnoidea* A. Juss., Bull. Sci. Nat. Geol. 23: 239 (1830). – Type: Nouv. holl., port du R. Georges, *Anon. s.n.* (lectotype P [P00337561], designated here; isolectotype K (fragment) [K000657798]).

Milnea roxburghiana Wight & Arn., Prodr. Fl. Ind. Orient. 1: 119 (1834). – *Aglaia roxburghiana* (Wight & Arn.) Miq., Ann. Mus. Bot. Lugduno-Batavi 4: 41 (1868). – Type: India, R. *Wight* 311 (lectotype K [K000657441], designated by Pannell, Kew Bull. Addit. Ser. 16: 143 [1992]).

Mabberley (1988) cited Bentham (1863) as lectotypifying *Nemedra elaeagnoidea* A. Juss. to a P specimen, but as Bentham failed to employ the term type or an equivalent this is not effective. Mabberley referred to 'Leschenault in Baudin s.n., Australie' but none of these details are on the specimen, so to avoid further confusion I here make the lectotypification explicit.

Albizia myriophylla Benth., London J. Bot. 3: 90 (1844). – Type: Silhet, iv 1829, *W. Gomez s.n.* [EIC 5242A] (lectotype K-W [K001120254], designated by Nielsen, *Adansonia*, n.s., 19: 227 [1979]).

Mimosa microphylla Roxb., Fl. Ind. 2: 549 (1832), nom. illegit., non *M. microphylla* Dryand. ex Sm. (1797), nec *M. microphylla* Poir. (1810). – *Acacia roxburghii* Kostel., Allg. Med.-Pharm. Fl. 4: 1367 (1835), nom. illegit., non *A. roxburghii* Wight & Arn. (1834). – Type: *W. Roxburgh s.n.* (lectotype BM, designated by Nielsen, *Adansonia*, n.s., 19: 227 [1979]).

Kosteletzky provided *Acacia roxburghii* as a replacement for Roxburgh's *Mimosa microphylla*, but Wight and Arnott had already published this binomial for another species (see below under *Vachellia eburnea*).

Albizia procera (Roxb.) Benth., London J. Bot. 3: 89 (1844). – *Mimosa procera* Roxb., Pl. Coromandel 2: 12–13, t. 121 (1799). – Type: [published illustration] ‘*Mimosa procera*’, Roxburgh, Pl. Coromandel 2: t. 131 (1799) (lectotype designated by Nielsen, *Adansonia*, n.s., 19: 223 [1979]).

Mimosa elata Roxb., Fl. Ind. 2: 546 (1832). – *Acacia procera* (Roxb.) Willd. var. *roxburghiana* E.Fourn., Ann. Sci. Nat., Bot., Ser. 4, 15: 164 (1861). – Type: *W. Roxburgh s.n.* (lectotype K [K000800890], designated here).

Eugène Fournier considered *Mimosa elata* to be a variety of *Acacia procera* and used the ‘*roxburghiana*’ epithet for the variety, as is allowed (ICN Article 6; Turland *et al.*, 2018).

Alfaropsis roxburghiana (Lindl.) Iljinsk., Bot. Zhurn. (Moscow & Leningrad) 78(10): 81 (1993). – *Engelhardia roxburghiana* Lindl. in Wallich, Pl. Asiat. Rar. 2: 85, t. 199 (1831), as ‘*Engelhardtia*’. – *Alfaroa roxburghiana* (Wall.) Iljinsk., Bot. Zhurn. (Moscow & Leningrad) 75(6): 796 (1990). – Type: [published illustration] Wallich, Pl. Asiat. Rar. 2: t. 199 (1831), excluding the fruit (lectotype designated by Manning, Bull. Torrey Bot. Club 93: 50 [1966]).

The genus *Alfaropsis* Iljinsk. was established for *Engelhardia roxburghiana*. This split-off *Engelhardia* did not find much favour until the study of Manos *et al.* (2007), who showed that both molecular and morphological analyses supported the placement of *Alfaropsis* as sister to the Neotropical clade *Alfaroa* plus *Oreomunnea* rather than *Engelhardia*.

Allium tuberosum Rottler ex Spreng., Syst. Veg. 2: 38 (1825). – Type: [India, Malabar] *J.P. Rottler s.n.* (lectotype B†, designated by Stearn, *Herbertia* 11: 233, t. 265 [1946]).

Allium tuberosum Roxb., Fl. Ind. 2: 141 (1832), nom. illegit., non *A. tuberosum* Rottler ex Spreng. (1825). – *Allium roxburghii* Kunth, Enum. Pl. 4: 454 (1843). – Type: India, Calcutta, 1809, *W. Roxburgh s.n.* (lectotype LINN [LINN-HS 583.21], designated here).

Kunth provided *Allium roxburghii* as a replacement name for *A. tuberosum* Roxb. Sprengel's senior homonym refers to the same species.

Alpinia roxburghii Sweet, Hort. Brit. 390 (1826). – *Alpinia bracteata* Roxb., Fl. Ind. 1: 61–62 (1820), nom. illegit., non *A. bracteata* Roscoe (1816). – Type: *W. Roxburgh* 154 (lectotype BM [BM000958163], designated here).

Sweet renamed *Alpinia bracteata* Roxb. *Alpinia roxburghii*. This name is still accepted.

Alysicarpus roxburghianus Thoth. & A.Pramanik, Bull. Bot. Surv. India 21 (1–4): 189 (1981). – Type: India, Shevaroi Hills, *Perrottet* 272 (holotype CAL, isotype CAL).

Amaranthus graecizans subsp. **thellungianus** (Nevski) Gusev, Bot. Zhurn. 57(5): 462 (1972). – *Amaranthus thellungianus* Nevski, Trudy Bot. Inst. Akad. Nauk S.S.S.R., Ser. 1, Fl. Sist. Vyssh. Rast. 4: 311 (1937). – Type: In angustiis Bulak-Dara ad pedem montium Kuhitang supra pagum Karluk, 11 vii 1931, S.A. *Nevski Plantae Turcomanicae* 1931 730 (lectotype LE, designated by Townsend, Fl. Pakistan 71: 19 [1974]).

Amaranthus roxburghianus H.W.Kung, Fl. Ill. Nord Chine 4: 19 (1935), as 'Amarantus'. – Type: [unpublished illustration] *Icones Roxburghianae* 443 (lectotype K, designated here).

Amaranthus roxburghianus Nevski, Trudy Bot. Inst. Akad. Nauk S.S.S.R., Ser. 1, Fl. Sist. Vyssh. Rast. 4: 311 (1937), nom. illegit., non *A. roxburghianus* H.W.Kung (1935). – Type: India, [Trichionopoly, 8 xi 1826], *R. Wight s.n.* [EIC 6906] (lectotype LE [LE00012008], designated by Nair, J. Bombay Nat. Hist. Soc. 73: 61 [1976]; isolectotype K-W [K000195197]).

Kung and Nevski proposed *Amaranthus roxburghianus* in close succession, apparently applying it to the same taxon, although based on different types. Kung's was effectively a renaming of *Amaranthus polygonoides sensu* Roxburgh, so it is here lectotypified to Roxburgh's drawing. Nevski's later homonym was based on Indian material in LE.

Amblyanthus glandulosus (Roxb.) A.DC., Ann. Sci. Nat., Bot., Sér. 2, 16: 83 (1841). – *Ardisia glandulosa* Roxb., Fl. Ind. 2: 276–277 (1824). – *Ardisia roxburghiana* D.Dietr., Syn. Pl. 1: 617 (1839), nom. illegit., superfl. – Type: [unpublished illustration] *Icones Roxburghianae* 2442 [2441 on drawing] (lectotype K, designated here). [Figure 1](#).

Ardisia roxburghiana D.Dietr. is a superfluous renaming of *Ardisia glandulosa* Roxb. Roxburgh's drawing is here designated as lectotype, as no herbarium material has been located.

Amorphophallus paeoniifolius (Dennst.) Nicolson, Taxon 26: 337 (1977). – *Dracontium paeoniifolium* Dennst., Schlüssel Hortus Malab. 38 (1818). – Type: [published illustration] 'Mulen-Schena', Rheedee, Hort. Malab. 11: t. 19 (1692) (lectotype designated by Nicolson, Taxon 26: 338 [1977]).

Arum campanulatum Roxb., Pl. Coromandel 3: 68–69, t. 272 (1820). – *Candarum roxburghii* Schott, Melet. Bot. 1: 17 (1832), nom. illegit., superfl. – *Amorphophallus campanulatus* (Roxb.) Decne., Nouv. Ann. Mus. Hist. Paris 3: 366 (1834). – *Amorphophallus paeoniifolius* var. *campanulatus* (Roxb.) Sivad., Taxon 32: 130 (1983). – Type: [published illustration]



Figure 1. The lectotype of *Ardisia glandulosa* Roxb., basionym of *Amblyanthus glandulosus* (Roxb.) A.D.C. Icones Roxburghianae 2442 [2441 on drawing] in the collection of the Royal Botanic Gardens, Kew. Reproduced with the permission of the Board of Trustees of the Royal Botanic Gardens, Kew.

'Mulen-Schena', Rheede, Hort. Malab. 11: t. 19 (1692) (lectotype designated by Hay *et al.*, *Blumea*, Suppl. 8: 39, 27 [1995]).

Candarum roxburghii Schott represents a superfluous renaming of *Arum campanulatum* Roxb.

Ampelocissus latifolia (Roxb.) Planch., Vigne Amér. Vitic. Eur. 8: 375 (1884). – *Vitis latifolia* Roxb., Hort. Bengal. 18 (1814). – *Cissus latifolia* (Roxb.) Peterm., Pflanzenr. 636 (1845), nom. illegit., non *C. latifolia* Lam. (1783). – *Cissus roxburghii* Peterm., Pflanzenr. 1011 (1845). – Type: [published illustration] 'Vallia-pira-pitica', Rheede, Hort. Malab. 7: t. 7 (1688) (lectotype designated by Shetty & Singh, *Taxon* 37: 170 [1988]).

Cissus roxburghii Peterm. is a legitimate replacement in *Cissus* for *Vitis latifolia* Roxb.

Anoectochilus roxburghii (Wall.) Lindl. in Royle, Ill. Bot. Himal. Mts 368 (1839). – *Chrysobaphus roxburghii* Wall., Tent. Fl. Nepal. 2: 37, t. 27 (1826). – *Zeuxine roxburghii* (Wall.) M.Hiroe, Orchid Flowers 2: 68 (1971). – Type: Nepal, *N. Wallich* s.n. (lectotype WU [sheet no. 0044614], designated by Bhattacharjee & Chowdhery, *Taxon* 63: 1116 [2014]).

Wallich commemorated Roxburgh with the name of this orchid from Nepal.

Antidesma sect. *Roxburghiana* Pax. & K.Hoffm., Pflanzenr. 81: 115 (1922). – Type: non designatus.

Antidesma roxburghii Wall. ex Tul., Ann. Sci. Nat., Bot., Sér. 3, 15: 234 (1851). – Type: Sylhet, vii 1820, *F. De Silva* 34 [EIC 7283] (lectotype K-W [K001127096], designated by Chakrabarty & Balakrishnan, *Indo-Burmese Phyllanthaceae* 61 [2018]).

Stilago tomentosa Roxb., Fl. Ind. 3: 757 (1832). – *Antidesma tomentosum* (Roxb.) Voigt, Hort. Suburb. Calcutt. 294 (1845), nom. illegit., non *A. tomentosum* Blume (1823). – Type: [unpublished illustration] *Icones Roxburghianae* 2402 (lectotype K, designated here).

Although *Stilago tomentosa* is the oldest name available for this species, the combination in *Antidesma* based on it is illegitimate. Therefore, Tulasne's validation of Wallich's *Antidesma roxburghii* is the correct name.

Aporosa octandra (Buch.-Ham ex D.Don) A.R.Vickery, Enum. Fl. Pl. Nepal 3: 193 (1982). – *Myrica octandra* Buch.-Ham. ex D.Don, Prodr. Fl. Nepal. 56 (1825). – Type: Nepal, Ettaura, 2 iv 1802, *F. Buchanan-Hamilton* s.n. (holotype BM [000521992(BM)]).

Alnus dioeca Roxb., Fl. Ind. 3: 580 (1832). – *Lepidostachys roxburghii* Wall. ex Lindl., Intr. Nat. Syst. Bot., ed. 2, 441 (1836), nom. illegit., superfl. – *Aporosa roxburghii* Baill., Étude Euphorb. 645 (1858), nom. illegit., superfl. – Type: [unpublished illustration] *Icones Roxburghianae* 2378 (lectotype CAL, designated by Chakrabarty & Gangopadhyay, *J. Econ. Taxon. Bot.* 17: 166 [1993]).

Lepidostachys roxburghii Wall. ex Lindl. and *Aporosa roxburghii* Baill. represent superfluous renamings of *Alnus dioeca* Roxb.

Argyreia roxburghii (Sweet) Choisy, Mém. Soc. Phys. Genève 6: 419 (1834). – *Ipomoea multiflora* Roxb., Fl. Ind. 2: 89 (1824), nom. illegit., non *I. multiflora* (Mill.) Roem & Schult. (1819). – *Ipomoea roxburghii* Sweet, Hort. Brit. 289 (1826). – *Argyreia multiflora* Voigt, Hort. Suburb. Calcutt. 352 (1845), nom. illegit., superfl. – *Rivea multiflora* Hallier f., Bull. Herb. Boissier 7: 60 (1899), nom. illegit., superfl. – Type: [unpublished illustration] Icones Roxburghianae 572 (lectotype K, designated by Staples, Taxon 66: 465 [2017]).

Sweet provided *Ipomoea roxburghii* as a replacement name for Roxburgh's later homonym *Ipomoea multiflora*.

Arisaema roxburghii Kunth, Enum. Pl. 3: 18 (1841). – *Arum cuspidatum* Roxb., Fl. Ind. 3: 506 (1832), nom. illegit., non *A. cuspidatum* Blume (1823). – Type: [unpublished illustration] Icones Roxburghianae 1657 (lectotype K, designated here). [Figure 2](#).

Kunth proposed *Arisaema roxburghii* as an avowed substitute for the illegitimate *Arum cuspidatum* Roxb. In the absence of any Roxburgh specimen, Roxburgh's drawing is here selected as lectotype.

Aristolochia acuminata Lam., Encycl. 1(1): 254 (1783). – Type: Isle de France, Jardin du Roi, *Commerson s.n.* (lectotype P-LA [P00381367], designated by Bosser, Adansonia 19: 170 [1997]; isolectotypes P [P026239, P026240], P-JU [P00680187]).

Aristolochia roxburghiana Klotzsch, Monatsber. Königl. Preuss. Akad. Wiss. Berlin 1859: 596 (1859). – Type: Bengala inferior, *N. Wallich s.n.* [EIC 2704A] (lectotype K-W [K001116840], designated here).

Klotzsch's *Aristolochia roxburghiana* was based partly on *Aristolochia indica sensu* Roxburgh, but he also cited other elements. A lectotype for Klotzsch's name is here selected from the most specific of the gatherings cited in the protologue.

Artemisia roxburghiana Besser, Bull. Soc. Imp. Naturalistes Moscou 9: 57 (1836). – Type: India, Cachemyr [Kashmir], *V. Jacquemond* 991 (lectotype P [P00711989], designated by Thammarong *et al.*, Thai J. Bot. 13: 94 [2021]; isolectotype P [P00711988]).

A specimen in P has been selected as lectotype for this Asian wormwood.

Aspidopterys indica (Willd.) W.Theob. in Mason, Burmah, ed. 3, 2: 599 (1883). – *Triopterys indica* Willd., Sp. Pl., ed. 4, 2(1): 744 (1799). – *Hiraea indica* (Willd.) Roxb. ex DC., Prodr. 1: 585 (1824). – *Aspidopterys roxburghiana* A.Juss., Ann. Sci. Nat., Bot., Sér. 2, 13: 267 (1840), nom. illegit., superfl. – Type: India, *W. Roxburgh* 80 (lectotype B-W [B -W 08868 -01 0], designated here).

Aspidopterys roxburghiana A.Juss. is a superfluous renaming of *Triopterys indica* Willd.

Atalantia simplicifolia (Roxb.) Engl., Nat. Pflanzenfam. 3(4): 192 (1896). – *Amyris simplicifolia* Roxb., Fl. Ind. 2: 244 (1832). – *Sclerostylis roxburghii* Wight, Icon. Pl. Ind.



Figure 2. The lectotype of *Arum cuspidatum* Roxb., replaced synonym of *Arisaema roxburghii* Kunth. *Icones Roxburghianae* 1657 in the collection of the Royal Botanic Gardens, Kew. Reproduced with the permission of the Board of Trustees of the Royal Botanic Gardens, Kew.

Orient. 1(4): t. 72 (1838), as 'Roxburghii', nom. illegit., superfl. – *Atalantia roxburghii* Oliv., J. Linn. Soc. Bot. 5(Suppl. 2): 25 (1861), nom. illegit., superfl. – *Atalantia roxburghiana* Hook.f., Fl. Brit. India 1(3): 513 (1875), nom. illegit., superfl. – Type: *W. Roxburgh s.n.* (lectotype BM [BM000798422], designated by Tanaka, J. Bot. 68: 232 [1930]).

Amyris simplicifolia Roxb. has three superfluous renamings.

Balanites roxburghii Planch., Ann. Sci. Nat., Bot., Sér. 4, 2: 258, t. 2 (1854), as 'Roxburghii'. – *Agialid roxburghii* (Planch.) Kuntze, Revis. Gen. Pl. 1: 103 (1891), as 'Agialida'. – *Balanites aegyptiaca* var. *roxburghii* (Planch.) Duthie, Fl. Gangetic Plain 1(1): 145 (1903). – Type: India, Hortus Botanicus Calcuttensis, *Anon. s.n.* [EIC 6855C] (lectotype K [n.v.], designated by Sands, Kew Bull. 56: 46 [2001]; isolectotypes BM [BM000798497], K-W [K001124994]).

Baliospermum solanifolium (Burm.) Suresh in Nicolson *et al.*, Interpr. Van Rheedee's Hort. Malab.: 106 (1988). – *Croton solanifolius* Burm., Fl. Malab. 6 (1769). – Type: [published illustration] 'Naga Danti', Rheedee, Hort. Malab. 10: t. 76 (1690) (lectotype designated by Chakrabarty, Ann. Pl. Sci. 8(10): 3630 [2020]).

Jatropha montana Willd., Sp. Pl., ed. 4, 4(1): 563 (1805). – *Croton polyandrus* Roxb., Fl. Ind. 3: 682 (1832), as 'polyandrum', nom. illegit., non *C. polyandrus* Spreng. (1821). – *Croton roxburghii* Wall., Rep. Calcutta Bot. Gard. to G.A. Bushby 20 (1840). – Type: India, Hort. Miss., i 1799, *J.P. Rottler* 379 (lectotype B-W [B -W 17927 -01 0], designated by Radcliffe-Smith, Fl. Pakistan 172: 84 [1986]).

Wallich provided *Croton roxburghii* to replace *Croton polyandrus* Roxb., which was an unsuccessful attempt at a nomen novum in *Croton* for *Jatropha montana* Willd., as the epithet 'montanus' was not available in *Croton*.

Banara roxburghii Spreng., Syst. Veg., ed. 16, 2: 479 (1825). – Type: Ind. or.

Sprengel's *Banara roxburghii* remains a mystery in the absence of any known specimens, although from the description (T. M. A. Utteridge, K, personal communication), a species of *Alphitonia*, perhaps *Alphitonia incana* (Roxb.) Teijsm. & Binn. ex Kurz, is a possibility.

Begonia roxburghii (Miq.) A.D.C., Prodr. 15(1): 398 (1864). – *Diploclinium roxburghii* Miq., Fl. Ned. Ind. 1(1): 692 (1856). – Type: [unpublished illustration] Icones Roxburghianae 2321 (lectotype K, designated here). [Figure 3](#).

Camfield and Hughes (2018) lectotypified *Diploclinium roxburghii* Miq. to a Hooker & Thomson specimen in K. However, this was collected in Khasia, not Chittagong, the only locality referred to by either Roxburgh (under *Begonia malabarica*) or Miquel. I therefore select Roxburgh's drawing as lectotype here, as no original specimens can be traced.

Beilschmiedia roxburghiana Nees, Pl. Asiat. Rar. 2: 69 (1831). – Type: India, Hortus Botanicus Calcuttensis, *Anon. s.n.* [EIC 2605] (lectotype K-W [K001116547], designated



Figure 3. The lectotype of *Diploclinium roxburghii* Miq., basionym of *Begonia roxburghii* (Miq.) A.DC. Icones Roxburghianae 2321 in the collection of the Royal Botanic Gardens, Kew. Reproduced with the permission of the Board of Trustees of the Royal Botanic Gardens, Kew.

by de Kok, *Blumea* 61: 161 [2016], isolectotypes BM [BM000880626], G [G00368746], K [K000768626], P [P00745639]).

Berberis roxburghii (DC.) Laferr., *Bot. Zhurn.* 82(9): 98 (1997). – *Mahonia napaulensis* var. *roxburghii* DC., *Prodr.* 1: 109 (1824). – *Mahonia roxburghii* (DC.) Takeda, *Notes Roy. Bot. Gard. Edinburgh* 6: 218 (1917). – Type: Nepalia, 1819, *Anon. s.n.* (lectotype G-DC [G00201932], designated here).

De Candolle based *Mahonia napaulensis* var. *roxburghii* on *Berberis pinnata* Roxb. ined. There is a specimen in the Prodromus Herbarium (G-DC) that is labelled 'Berberis pinnata Roxb.' and is here designated as lectotype for de Candolle's variety.

Blyxa octandra (Roxb.) Planch. ex Thwaites, *Enum. Pl. Zeyl.* 332 (1864). – *Vallisneria octandra* Roxb., *Pl. Coromandel* 2: 34, t. 165 (1802). – *Blyxa roxburghii* Rich., *Mem. Cl. Sci. Math. Inst. Natl. France* 1811(2): 23–24, 77, t. 5 (1814), nom. illegit., superfl. – Type: [published illustration] 'Vallisneria octandra', Roxburgh, *Pl. Coromandel* 2: t. 165 (1802) (lectotype designated by Cook & Lüönd, *Aquatic Bot.* 15: 27 [1983]).

Blyxa roxburghii is a superfluous renaming of *Vallisneria octandra* Roxb.

Bonamia semidigyna (Roxb.) Hallier f., *Bot. Jahrb. Syst.* 16: 528 (1893). – *Convolvulus semidigynus* Roxb., *Fl. Ind.* 2: 47 (1824). – *Breweria roxburghii* Choisy, *Mém. Soc. Phys. Genève* 6: 493 (1833), nom. illegit., superfl. – Type: East India, *W. Roxburgh s.n.* (lectotype K [K001081764], designated here).

Breweria roxburghii represents a superfluous renaming of *Convolvulus semidigynus* Roxb. A Roxburgh specimen from Forsyth's herbarium now in K with the name in Roxburgh's hand is here selected as lectotype for *Convolvulus semidigynus* Roxb.

Bonnaya antipoda (L.) Druce, *Bot. Exch. Club Brit. Isles Rep.* 3(5): 415 (1914). – *Ruellia antipoda* L., *Sp. Pl.* 2: 635 (1753). – Type: Herb. Hermann 2: 9, No. 235, upper specimen (lectotype BM [BM000621524], designated by Philcox, *Kew Bull.* 17: 482 [1964]).

Gratiola racemosa Roxb., *Fl. Ind.* 1: 139 (1820), nom. illegit., non *G. racemosa* Roth (1817). – *Gratiola roxburghiana* Schult., *Mant.* 1: 123 (1822). – *Bonnaya roxburghiana* (Schult.) A.Dietr., *Sp. Pl.* 1: 559 (1831). – Type: non designatus.

Schultes published *Gratiola roxburghiana* as a nomen novum for Roxburgh's later homonym *Gratiola racemosa*. No original material for Roxburgh's name has been found.

Bonnaya ruelloides (Colsm.) Spreng., *Syst. Veg.* 1: 41 (1825). – *Gratiola ruelloides* Colsm., *Prodr. Descr. Grat.*: 12 (1793). – *Ilysanthes ruelloides* (Colsm.) Kuntze, *Revis. Gen. Pl.* 2: 462 (1891). – *Lindernia ruelloides* (Colsm.) Pennell, *Brittonia* 2: 182 (1936). – Type: Java, A. Thouin *s.n.* (lectotype C [C10019008], designated here).

Gratiola reptans Roxb., Fl. Ind. 1: 140–141 (1820). – *Bonnaya reptans* (Roxb.) Spreng., Syst. Veg. 1: 41 (1824). – *Henckelia roxburghiana* A.Dietr., Sp. Pl., ed. 6, 1: 572 (1831). – *Lindernia reptans* (Roxb.) F.Muell., Descr. Notes Papuan Pl. 2(7): 31 (1886). – Type: [unpublished illustration] Icones Roxburghianae 1516 (lectotype K, designated by Philcox, Kew Bull. 22: 54 [1968]).

Dietrich proposed *Henckelia roxburghiana* as a name in *Henckelia* for *Gratiola reptans* Roxb. as *Henckelia reptans* Spreng. was already published. *Gratiola ruelloides* Colsm., the basionym of the accepted name, has caused some confusion regarding its typification. Philcox (1968) and others have referred to a Koenig specimen in C as the type, but there seems not to be such a specimen. But there is a specimen from Herb. Vahl that is indicated as originating from Java and Thouin. André Thouin was head gardener at the Jardins des Plantes in Paris, so the specimen may have been cultivated in Paris from material sent from Java. This is likely to be what Colsmann cited in the protologue and is here selected as lectotype.

Bouea oppositifolia (Roxb.) Meisn., Pl. Vasc. Gen. 2: 55 (1837). – *Mangifera oppositifolia* Roxb., Fl. Ind. 2: 434 (1824). – Type: [unpublished illustration] Icones Roxburghianae 2190 (lectotype K, designated by Ganesan, Kew Bull. 74(Art. 56): 2 [2019]).

Bouea burmanica var. *roxburghii* Pierre, Fl. Forest. Cochinch. sub t. 366B (1897). – *Bouea oppositifolia* var. *roxburghii* (Pierre) Tard.-Blot, Fl. Cambodge, Laos, Vietnam 2: 128 (1962). – Type: Vietnam, austro Cochinchinae, ad Baria, in montibus Dinh, Mu Xoai, iii 1867, L. Pierre 123 (lectotype P [P05189538], designated here; isolectotypes P [P04800216, P05189539]).

Pierre's var. *roxburghii* was based on specimens from Vietnam, one of which is selected here as lectotype.

Bridelia retusa (L.) A.Juss., Euphorb. Gen. 109, t. 7, f. 22 (1824). – *Clutia retusa* L., Sp. Pl. 2: 1042 (1753). – Type: Herb. Hermann 2: 71, No. 367 (lectotype BM [BM000594633], designated by Dressler, Blumea 41: 289 [1996]).

Bridelia crenulata Roxb., Fl. Ind. 3: 734 (1832), as 'Briedelia'. – Type: [unpublished illustration] Icones Roxburghianae 2145 (lectotype CAL, designated by Chakrabarty, Ann. Pl. Sci. 8(10): 3627 [2019]).

Bridelia retusa var. *roxburghiana* Müll.Arg., Prodr. 15(2): 493 (1866). – *Bridelia roxburghiana* (Müll.Arg.) Gehrm., Bot. Jahrb. Syst. 41(4, Beibl. 95): 30 (1908). – Type: India, Hortus Botanicus Calcuttensis, Anon. s.n. [EIC 7880] (lectotype G [G00434251], designated here; isolectotypes G-DC [G00319282], K-W [K001128195]).

Müller-Argentius included *Bridelia crenulata* Roxb. under his variety *roxburghiana*. He also cited various specimens, and one of those is chosen here as lectotype rather than the illustration that has been designated lectotype of *Bridelia crenulata* Roxb.

Bulbophyllum roxburghii (Lindl.) Rchb.f. in Walpers, Ann. Bot. Syst. 6: 263 (1861). – *Cirrhopetalum roxburghii* Lindl., Gen. Sp. Orchid. Pl. 58 (1830). – *Phyllorkis roxburghii* (Lindl.) Kuntze, Revis. Gen. Pl. 2: 677 (1891). – Type: [unpublished illustration] Icones Roxburghianae 2351 (lectotype K, designated here). [Figure 4](#).

Aerides radiata Roxb., Fl. Ind. 3: 476 (1832), as 'radiatum' – Type: [unpublished illustration] Icones Roxburghianae 2351 (lectotype K, designated here). See [Figure 4](#).

The Roxburgh drawing is here designated lectotype of *Cirrhopetalum roxburghii* Lindl. and *Aerides radiata* Roxb.

Bulbostylis barbata (Rottb.) C.B. Clarke, Fl. Brit. India 6(19): 651 (1893). – *Scirpus barbatus* Rottb., Descr. Pl. Rar. 27 (1772). – Type: *Anon. s.n.* (lectotype C [C10009996], designated here).

Isolepis barbata var. *roxburghiana* Nees in Wight, Contr. Bot. India 109 (1834). – Type: India, Mungger, 9 viii 1811, *F. Buchanan-Hamilton s.n.* [EIC 3497A] (lectotype K-W [K001119558], designated here).

One of the specimens under number 3497 from the Wallich Herbarium is selected here as lectotype of Nees von Esenbeck's *Isolepis barbata* var. *roxburghiana*. Simpson (2019) referred to a specimen in C as the holotype of *Scirpus barbatus* Rottb., but as Rottbøll clearly included more than one element in the protologue, the specimen is here designated as lectotype.

Calamus rotang L., Sp. Pl. 1: 325 (1753). – Type: [published illustration] 'Arundo Rotang', Piso in Bontius, Hist. Nat. Med. Ind. Orient., ed. 2, [2](4–6): 188 (1658) (lectotype designated by Henderson, Phytotaxa 445: 382 [2020]); Sri Lanka, Anuradhapura District, Koppakulam, 20 ix 1992, *N. de Zoysa* 51 (epitype US [US00503452], designated by Henderson, Phytotaxa 445: 382 [2020]).

Calamus roxburghii Griff., Calcutta J. Nat. Hist. 5: 43 (1845). – Type: [unpublished illustration] Icones Roxburghianae 1190 (lectotype CAL, designated here).

Griffith based *Calamus roxburghii* on Roxburgh's description and drawing of *Calamus rotang*. The drawing in CAL must have been the one seen by Griffith, and it is here designated as lectotype for Griffith's name.

Callicarpa longifolia Lam., Encycl. 1: 563 (1785). – Type: *P. Sonnerat s.n.* (lectotype P-LA [P00358499], designated by Munir, J. Adelaide Bot. Gard. 6: 12 [1982]).

Callicarpa roxburghiana Schult., Mant. 3: 54 (1827). – Type: *W. Roxburgh s.n.* [EIC 1835C] (lectotype K-W [K001114360], designated here).

Schultes based *Callicarpa roxburghiana* on *C. longifolia* Roxb. non Lam. There is a Roxburgh specimen in K-W that is here designated lectotype of the Schultes name.



Figure 4. The lectotype of *Aerides radiata* Roxb. and *Cirrhopetalum roxburghii* Lindl. (basonym of *Bulbophyllum roxburghii* (Lindl.) Rchb.f.) mounted lower left on the sheet. Icones Roxburghianae 2351 in the collection of the Royal Botanic Gardens, Kew. Reproduced with the permission of the Board of Trustees of the Royal Botanic Gardens, Kew.

- Callicarpa macrophylla** Vahl, *Symb. Bot.* 3: 13 (1794). – Type: Ind. Orient., *J.G. Koenig s.n.* (lectotype C [C10019896], designated by Munir, *J. Adelaide Bot. Gard.* 6: 24 [1982]).
- Callicarpa incana** Roxb., *Fl. Ind.* 1: 407 (1820). – **Callicarpa roxburghii** Wall., *Numer. List n.* 1833 (1829), nom. illegit., superfl. – Type: [unpublished illustration] *Icones Roxburghianae* 914 (lectotype K, designated here).

Wallich's *Callicarpa roxburghii* is a superfluous renaming of *Callicarpa incana* Roxb.

- Canscora diffusa** (Vahl) R.Br. ex Roem. & Schult., *Syst. Veg.* 3: 301 (1818). – *Gentiana diffusa* Vahl, *Symb. Bot.* 3: 47 (1794). – *Exacum diffusum* (Vahl) Willd., *Sp. Pl.* 1: 637 (1798). – *Pladera pusilla* Roxb., *Hort. Bengal.*: 10 (1814), nom. illegit., superfl. – *Cicendia roxburghii* Griseb., *Gen. Sp. Gent.* 160 (1838), nom. illegit., superfl. – Type: India orientalis, *Anon. s.n.* (lectotype C [C10012622], designated by Klackenberg in Morat, *Fl. Madagasc. Fam.* 168: 159 [1990]).

Cicendia roxburghii Griseb. is a superfluous name based on Roxburgh's superfluous *Pladera pusilla*.

- Canscora roxburghii** Arn. in *Miq., Nieuwe Verh. Eerste Kl. Kon. Ned. Inst. Wetensch. Amsterdam, Ser.* 3, 5: 11 (1852). – Type: [unpublished illustration] *Icones Roxburghianae* 1227 (lectotype K, designated by Cramer, *Rev. Handb. Fl. Ceyl.* 3: 72 [1981]).

Miquel published an extract from a letter by Walker-Arnott that clarified the taxonomy and nomenclature of two similar Indian Gentianaceae species. Walker-Arnott noted that Roxburgh's *Pladera perfoliata* was a different species from Rheede's *Kansja Cora*, the sole basis of *Canscora perfoliata* Lam. Therefore, Walker-Arnott proposed the name *Canscora roxburghii* for Roxburgh's plant excluding the Rheede element. Although the name is generally attributed to Arn. ex Miq., it is validated in the letter extract without any requirement for comment or embellishment by Miquel.

- Capparis roxburghii** DC., *Prodr.* 1: 247–248 (1824). – Type: Ind. Orient., *W. Roxburgh s.n.* (holotype BM [BM000629297]).

De Candolle cited 'C. aguba herb. Banks v.s.' when describing this species. There is a Roxburgh specimen in BM (that includes the Banks Herbarium) with a pencil annotation of 'Capparis Aguba Roxburgh', which I take to be the holotype of *C. roxburghii* DC. This specimen may have been misplaced or overlooked in the past, as Raghavan (1972) designated a Roxburgh specimen in K as 'type', but this was not required.

- Cassia roxburghii** DC., *Prodr.* 2: 489 (1825). – *Cathartocarpus roxburghii* (DC.) Loudon, *Hort. Brit.* 167 (1830). – Type: India, BGC [Botanic Gardens Calcutta], vii 1818, *N. Wallich s.n.* (lectotype G-DC [IDC800 LM-429/17], designated here).

The Prodrromus Herbarium in Geneva contains a specimen labelled 'M. Wallich, July 1818 BGC' that is clearly original material for de Candolle's name and is here selected as lectotype. A Wallich collection [EIC 5308] in K was referred to as holotype by de Wit (1955), but the specimens are not annotated with the collection dates of the G-DC specimen and therefore cannot be assumed to be duplicate material. I therefore do not accept de Wit's statement as a first-step lectotypification.

Cassine albens (Retz.) Kosterm., Gard. Bull. Singapore 39(2): 178 (1987) ['1986']. – *Schrebera albens* Retz., Observ. Bot. 6: 25 (1791). – Type: J.G. Koenig s.n. (lectotype LD [LD1808462], designated by Fischer, Bull. Misc. Inform. Kew 1932: 53 [1932]).

Neerija dichotoma Roxb., Fl. Ind. 2: 444 (1824). – *Rhamnus nerija* Spreng., Syst. Veg. 4(2) cur. post. 86 (1827), nom. illegit., superfl. – *Elaeodendron roxburghii* Wight & Arn., Cat. Ind. Pl. 30, sub no. 485 (1833), nom. illegit., superfl. – Type: [unpublished illustration] Icones Roxburghianae 73 (lectotype K, designated here).

Cassine glauca var. *roxburghii* Pierre, Fl. Forest. Cochinch. 4: sub t. 296A (1893). – Type: Canara, Ritchie (not traced).

Elaeodendron roxburghii Wight & Arn. is a superfluous renaming of *Neerija dichotoma* Roxb. As no original specimens have been located, Roxburgh's drawing is selected as lectotype here. *Cassine glauca* var. *roxburghiana* was based on *Elaeodendron glaucum* var. 2 of Lawson. The only cited collection for this was a Ritchie specimen from Canara, which I have not traced.

Castanopsis castanicaarpa (Roxb.) Spach, Hist. Nat. Vég. 11: 185 (1842). – *Quercus castanicaarpa* Roxb., Pl. Coromandel 3: 93, t. 296, f. 2 (1820). – *Castanea roxburghii* Lindl. in Wallich, Pl. Asiat. Rar. 2: 16 (1830), nom. illegit., superfl. – Type: [published illustration] 'Quercus castanicaarpa', Roxburgh, Pl. Coromandel 3: t. 296, f. 2 (1820) (lectotype designated here).

Lindley's *Castanea roxburghii* is superfluous to *Quercus castanicaarpa* Roxb. As no Roxburgh specimens have been located, the name is here lectotypified to the plate in the original publication.

Castanopsis indica (Roxb. ex Lindl.) A.DC., J. Bot. 1: 182 (1863). – *Castanea indica* Roxb. ex Lindl. in Wallich, Pl. Asiat. Rar. 2: 5 (1830–1831). – Type: Nepalia, 1821, N. Wallich s.n. [EIC 2761A] (lectotype CGE [CGE00046361], designated here; isolectotype K-W [K001117038]).

Quercus serrata Roxb., Fl. Ind. 3: 641 (1832), nom. illegit., non *Q. serrata* Murray (1784). – *Quercus prinodes* Voigt, Hort. Suburb. Calcutt. 277 (1845), nom. illegit., non *Q. prinoides* Willd. (1805). – *Quercus roxburghii* Endl., Gen. Pl. Suppl. 4(2): 28 (1848). – *Quercus serrata* var. *roxburghii* (Endl.) A.DC., Prodr. 16(2): 51 (1864). – *Quercus acutissima* var. *roxburghii* (Endl.) Schottky, Bot. Jahrb. Syst. 47: 639 (1912). – *Quercus acutissima* subsp. *roxburghii*

(Endl.) A. Camus, *Chênes*, Atlas 1: 86 (1934). – Type: [unpublished illustration] *Icones Roxburghianae* 2393 (lectotype K, designated here).

Quercus roxburghii Endl. represents a nomen novum for the illegitimate later homonym *Quercus serrata* Roxb. Roxburgh's drawing is here designated as lectotype. *Castanopsis indica* (Roxb. ex Lindl.) A. DC. was first described in print by Lindley, who referred to characters relating to foliage and fruit. I therefore select a fruiting specimen in CGE as lectotype.

Castanopsis lanceifolia (Oerst.) Hickel & A. Camus, *Bull. Soc. Bot. France* 68: 394 (1922).
 – *Quercus lanceifolia* Roxb., *Fl. Ind.* 3: 634 (1832), as 'lanceaefolia', nom. illegit., non *Q. lancifolia* Schlttdl. & Cham. (1830). – *Pasania lanceifolia* Oerst., *Vidensk. Meddel. Naturhist. Foren. Kjøbenhavn* 1866: 84 (1866), as 'lanceaefolia'. – *Castanopsis roxburghiana* S.N. Biswas, *Bull. Bot. Surv. India* 11: 189 (1971) ['1969'], nom. illegit., superfl. – Type: [unpublished illustration] *Icones Roxburghianae* 2384 (lectotype K, designated here). [Figure 5](#).

Biswas published *Castanopsis roxburghiana* as a nomen novum for Roxburgh's later homonym *Quercus lanceifolia*. However, this was not required as *Pasania lanceifolia* Oerst. stands as a replacement and basionym for the accepted *Castanopsis lanceifolia*.

Cayratia roxburghii Gagnep., *Notul. Syst. (Paris)* 1: 346 (1911). – *Vitis roxburghii* M.A. Lawson, *Fl. Brit. India* 1(3): 655 (1875), nom. illegit., non *V. roxburghii* Wight & Arn. (1834). – *Cissus roxburghii* Planch., *Monogr. Phan.* 5(2): 572 (1887), nom. illegit., non *C. roxburghii* Peterm. (1845). – Type: India, Courtallam, *R. Wight* 427 (lectotype E [E00174262], designated by Shetty & Singh, *Kew Bull.* 44: 473 [1989]; isolectotypes E [E00174263, E00174264, E00174265], K [K001089959]).

Cayratia roxburghii Gagnep. represents a replacement name for *Vitis roxburghii* M.A. Lawson, a later homonym.

Celtis tetrandra Roxb., *Fl. Ind.* 2: 63 (1832). – Type: [unpublished illustration] *Icones Roxburghianae* 1999 (lectotype K, designated by Akhter, *Fl. Pakistan* 170: 10 [1985]).

Bosea trinervia Roxb., *Fl. Ind.* 2: 87 (1832). – *Celtis roxburghii* Voigt, *Hort. Suburb. Calcutt.* 294 (1845). – *Celtis trinervia* (Roxb.) Koord., *Exkursionsfl. Java* 2: 76 (1912), nom. illegit., superfl., non *C. trinervia* Lam. (1797), nec *C. trinervia* Roxb. (1832). – Type: [unpublished illustration] *Icones Roxburghianae* 134 (lectotype K, designated here).

Celtis trinervia Roxb., *Fl. Ind.* 2: 65 (1832), nom. illegit., non *C. trinervia* Lam. (1797). – *Celtis roxburghii* Planch., *Ann. Sci. Nat., Bot., Sér.* 3, 10: 302 (1848), as 'Roxburgii', non *C. roxburghii* Voigt (1845). – Type: [unpublished illustrations] *Icones Roxburghianae* 2211 (lectotype K, designated here).

Voigt recognised that *Bosea trinervia* Roxb. when transferred to *Celtis* required a new name as *Celtis trinervia* Lam. and *C. trinervia* Roxb. blocked a new combination. Therefore, he



Figure 5. The lectotype of *Quercus lanceifolia* Roxb., and hence *Castanopsis lanceifolia* (Oerst.) Hickel & A. Camus. Icones Roxburghianae 2384 in the collection of the Royal Botanic Gardens, Kew. Reproduced with the permission of the Board of Trustees of the Royal Botanic Gardens, Kew.

proposed *Celtis roxburghii* Voigt. Roxburgh's drawing is here designated as lectotype, as no herbarium specimens have been located. Planchon also proposed *Celtis roxburghii* as a replacement name, this time for *C. trinervia* Roxb.

Cenchrus americanus (L.) Morrone, Ann. Bot. (Oxford) 106: 127 (2010). – *Panicum americanum* L., Sp. Pl. 1: 56 (1753). – Type: [published illustration] 'Panicum Americanum', Clusius, Rar. Pl. Hist. 2: ccxv (1601) (lectotype designated by Clayton & Renvoize in Polhill, Fl. Trop. E. Africa, Gramineae 3: 672 [1982]).

Holcus spicatus L., Syst. Nat. 1305 (1759). – *Panicum spicatum* (L.) Roxb., Hort. Bengal. 7 (1814). – *Penicillaria roxburghii* A.Braun & C.D.Bouché, Index Seminum [Berlin] 26 (1855), nom. illegit., superfl. – Type: [published illustration] 'Gr. Alopecuroid. spica max. Ind. Orient.', Plukenet, Phytographia t. 32, f. 4 (1691) (lectotype designated by Davidse in Dassanayake et al., Rev. Handb. Fl. Ceylon 8: 363 [1994]).

Panicum spicatum Roxb. was cited as a synonym in the protologue of *Penicillaria roxburghii* A.Braun & C.D.Bouché, making the latter superfluous.

Centaurium brachiatum (Willd.) I.M.Turner, comb.nov. – *Erythraea brachiata* Willd. in Roemer & Schultes, Syst. Veg., ed. 15 bis, 4: 787 (1819). – Type: India, J.G. Klein 809 [B. Heyne leg.] (lectotype B-W [B -W -4518 -00 0], designated here).

Chironia centaureoides Roxb., Fl. Ind. 2: 283–284 (1824), as 'centaureoides'. – *Erythraea roxburghii* G.Don, Gen. Hist. 4: 206 (1837), nom. illegit., superfl. – *Centaurium roxburghii* Druce, Rep. Bot. Soc. Exch. Club Brit. Isles 4 (Suppl. 2): 614 (1917), nom. illegit., superfl. – *Centaurium centaureoides* (Roxb.) S.R.Rao & Hemadri, J. Bombay Nat. Hist. Soc. 67: 357 (1970). – Type: India, W. Roxburgh s.n. (lectotype BM [BM001914661], designated here).

Erythraea roxburghii G.Don and *Centaurium roxburghii* Druce are superfluous renamings of *Chironia centaureoides* Roxb. A Roxburgh specimen in BM is here designated as lectotype for Roxburgh's name. Willdenow's name, *Erythraea brachiata*, represents an earlier synonym for this species, so a new combination is proposed in *Centaurium* for it.

Ceriops decandra (Griff.) W.Theob. in Mason, Burmah, ed. 3, 2: 480 (1883). – *Bruguiera decandra* Griff., Trans. Med. Soc. Calcutta 8: 10 (1836). – Type: [unpublished illustration] Icones Roxburghianae 1140 (lectotype K, designated by Ekanayake et al., Taprobanica 8: 38 [2016]).

Ceriops roxburghiana Arn., Ann. Nat. Hist. 1(5): 364 (1838). – Type: Sundriban, 24 ix 1809, *F. Buchanan-Hamilton* s.n. [EIC 4875A] (lectotype K-W [K001104122], designated here).

A lectotype for *Ceriops roxburghiana* Arn. is designated here. Walker-Arnott's name was published two years after Griffith validated *Bruguiera decandra*. Griffith's account noted Martaban and Mergui (now in Myanmar) as localities for the new species, probably

to indicate specimens were made, but none has yet been located. Therefore, the lectotypification to Roxburgh's drawing in K by Ekanayake *et al.* (2016) is accepted here.

Chara corallina Willd., Mém. Acad. Roy. Sci. Hist. (Berlin) 1803: 89, t. 2, f. 2 (1805). – Type: India, Trankenbar, 7 i 1799, *J.P. Rottler* 510 (lectotype B-W [B -W 17105 -01 0], designated by Wood & Imahori, Rev. Charac. 269, 272 [1965]).

Chara roxburghii A.Braun, Flora 18: 59 (1835). – Type: 'Chara furcata' in Herb. Desfontaines (not traced).

Braun's *Chara roxburghii* is considered a synonym of *Chara corallina* Willd.

Chionanthus ramiflorus Roxb., Fl. Ind. 1: 106–107 (1820). – Type: [unpublished illustration] Icones Roxburghianae 1310 (lectotype K, designated by Chakraborty *et al.*, Ethnobot. Jarawa Tribe Andaman Isl., India 66 [2020]).

Olea paniculata Roxb., Fl. Ind. 1: 104–105 (1820), nom. illegit., non *O. paniculata* R.Br. (1810). – *Olea roxburghii* Spreng., Neue Entdeck. Pflanzenk. 3: 78 (1822). – *Olea roxburghiana* Schult., Mant. 1: 77 (1822), nom. illegit., superfl. – *Phillyrea brachiata* Stokes, Bot. Comm. 1: 26 (1830), nom. illegit., superfl. – *Linociera intermedia* var. *roxburghii* (Spreng.) C.B. Clarke, Fl. Brit. India 3(9): 609 (1882). – *Chionanthus roxburghii* (Spreng.) S.K. Srivast. & S.L. Kapoor, Geophytology 11: 262 (1981). – *Chionanthus paniculatus* K.K.N. Nair & K.P. Janardh, J. Bombay Nat. Hist. Soc. 78(2): 331 (1981), nom. illegit., superfl. – *Chionanthus paniculatus* var. *roxburghii* (Spreng.) K.K.N. Nair & K.P. Janardh, J. Bombay Nat. Hist. Soc. 78(2): 331 (1981). – Type: [unpublished illustration] Icones Roxburghianae 507 (lectotype K, designated here).

Sprengel renamed *Olea paniculata* Roxb. as *Olea roxburghii* because Roxburgh's name was a later homonym. Slightly later, Schultes published *Olea roxburghiana* for the same purpose. Regarding the typification of *Chionanthus ramiflorus* Roxb., Kiew (1979) referred to the type as 'Smith 1819 (K)'. This must refer to a specimen from Hooker's herbarium labelled 'H.B.C. 1819//Sir J.E. Smith', which is probably a duplicate of a specimen in Smith's herbarium labelled 'Bot. Gard. Calcutta. Wallich 1819'. As these specimens date from 1819, after Roxburgh's death in 1815, they cannot represent original material for Roxburgh's name. Green (2003) referred to the 'holotype' of *Chionanthus ramiflorus* Roxb. as the specimen under catalogue number 2824B in K-W. This is a specimen collected by Francis Buchanan-Hamilton from a tree in Calcutta Botanic Garden. I see no reason to suppose Roxburgh based his description on this specimen. Green (2003) also referred to a Wight specimen from the Circars in K as the holotype of *Olea paniculata* Roxb. This might represent a Roxburgh specimen in Wight's herbarium, but I have not located a sheet that is labelled as such. Therefore, I accept the lectotypification to the Roxburgh drawing for *Chionanthus ramiflorus* by Chakraborty *et al.* (2020) and designate here the Roxburgh drawing for *Olea paniculata*.

Chrysophyllum roxburghii G.Don, Gen. Hist. 4: 33 (1837). – *Chrysophyllum acuminatum* Roxb., Fl. Ind. 2: 345–346 (1824), nom. illegit., non *C. acuminatum* Poir. (1811). – *Chrysophyllum roxburghianum* Wall. ex Speede, New Indian Gardener 282 (1848), nom. illegit., superfl. – *Donella roxburghii* (G.Don) Pierre ex Lecomte, Fl. Indo-Chine 3: 897 (1930). – Type: [unpublished illustration] Icones Roxburghianae 2041 (lectotype K, designated here). [Figure 6](#).

George Don renamed Roxburgh's *Chrysophyllum acuminatum* as it was a later homonym. No herbarium material relevant to Roxburgh's name has been located, so Roxburgh's drawing is here designated as lectotype. Speede also published a replacement name, but this is superfluous because Don's publication came out before.

Cinnamomum verum J.Presl, Přir. Rostlin 2: 37 (1825). – *Laurus cinnamomum* L., Sp. Pl. 1: 369 (1753). – Type: Herb. Clifford 154, Laurus 6, sheet 6B (lectotype BM [BM000558701], designated by Soh, Blumea 56: 261 [2011]).

Cinnamomum zeylanicum var. *roxburghii* Lukman., Nomencl. Icon. Cannel. 6 (1889). – Type: Ceylon, Herb. Brongniart (P [n.v.]).

I have not traced the collection Lukman referred to in describing *Cinnamomum zeylanicum* var. *roxburghii*.

Clematis zeylanica (L.) Poir. in Lamarck, Encycl., Suppl. 2: 296 (1811). – *Atragene zeylanica* L., Sp. Pl. 1: 542 (1753). – Type: Herb. Hermann 2: 64; 3: 41; 4: 55, No. 226 (lectotype BM [BM000621724, BM000621950, BM000628266], designated by Dassanayake in Dassanayake & Clayton, Rev. Handb. Fl. Ceylon 10: 353 [1996]).

Naravelia zeylanica var. *roxburghii* DC., Syst. Nat. 1: 167 (1817). – Type: [India], Coromandel, *J. Macé s.n.* (lectotype P [P00145470], designated here).

De Candolle based his var. *roxburghii* on Roxburgh's account of *Atragene zeylanica* in *Plants of the Coast of Coromandel* but also indicated that he had seen a specimen from Coromandel. There is nothing relevant in G-DC, but there is a Macé specimen in P that is labelled 'Clematis zeylanica Roxburg. Decand. Coromandel', which is here selected as lectotype for the variety.

Combretum albidum G.Don, Trans. Linn. Soc. London 15(2): 416, 429 (1827). – Type: not traced.

Combretum roxburghii G.Don, Trans. Linn. Soc. London 15(2): 416, 429 (1827), nom. illegit., non *C. roxburghii* Spreng. (1825). – Type: not traced.

I follow Gangopadhyay & Chakrabarty (1997: 301) in considering George Don's *Combretum roxburghii* as a synonym of *Combretum albidum*. I have not been able to locate any definite original material for these names.



Figure 6. The lectotype of *Chrysophyllum acuminatum* Roxb., replaced synonym of *Chrysophyllum roxburghii* G. Don. Icones Roxburghianae 2041 in the collection of the Royal Botanic Gardens, Kew. Reproduced with the permission of the Board of Trustees of the Royal Botanic Gardens, Kew.

Combretum roxburghii Spreng., Syst. Veg. 2: 231 (1825). – *Combretum decandrum* Roxb., Pl. Coromandel 1: 43, t. 59 (1796), nom. illegit., non *C. decandrum* Jacq. (1760). – *Poivrea roxburghii* (Spreng.) DC., Prodr. 3: 18 (1828). – *Pentaptera roxburghii* (Spreng.) Tul., Ann. Sci. Nat., Bot., Sér. 4, 6: 84 (1856). – Type: *W. Roxburgh s.n.* [EIC 4009[A]] (lectotype K-W [K001117895], designated by Turner, Webbia 75: 270 [2020]).

Sprengel provided *Combretum roxburghii* as a replacement for Roxburgh's later homonym *C. decandrum*.

Commidendrum robustum (Roxb.) DC., Prodr. 5: 344 (1836). – *Conyza robusta* Roxb., Tracts St. Helena 304 (1816). – *Aster roxburghii* Hook.f., Hooker's Icon. Pl. 11: 45, sub t. 1057 (1870). – Type: St Helena, Longwood, 15 ix 1815, *Burchell s.n.* (neotype K [K000212758], designated by Cronk, Bull. Nat. Hist. Mus. Bot. 25: 96 [1995]; isoneotype G-DC [G00457615]).

Aster roxburghii Hook.f. represents a legitimate name for *Conyza robusta* Roxb. in the genus *Aster*. However, this placement is not generally accepted today.

Commiphora caudata (Wight & Arn.) Engl., Monogr. Phan. 4: 27 (1883). – *Protium caudatum* Wight & Arn., Prodr. Fl. Ind. Orient. 1: 176 (1834). – Type: India, Herb. Wight propr. n. 552 (lectotype E [E00174884], designated here; isoelectotype E [E00174344]).

Amyris acuminata Roxb., Fl. Ind. 2: 246 (1832). – *Protium roxburghianum* Wight & Arn., Prodr. Fl. Ind. Orient. 1: 176 (1834), as 'Roxburghiana', nom. illegit., superfl. – *Balsamodendrum roxburghianum* Wall. ex Voigt, Hort. Suburb. Calcutt. 150 (1845), nom. illegit., superfl. – *Protium acuminatum* (Roxb.) Wall., Numer. List n. 8495 [p. 287] (1847). – *Protium caudatum* var. *roxburghianum* A.W.Benn. in Hooker, Fl. Brit. Ind. 1(3): 530 (1875), as 'roxburghiana'. – *Commiphora caudata* var. *roxburghiana* (A.W.Benn.) Engl., Monogr. Phan. 4: 28 (1883). – Type: [unpublished illustration] Icones Roxburghianae 1831 (lectotype K, designated here).

Amyris acuminata Roxb. is the oldest name for this species, but its transfer to *Commiphora* is blocked by *C. acuminata* Mattick.

Commiphora madagascariensis Jacq., Pl. Hort. Schoenbr. 2: 66, t. 249 (1797). – *Amyris commiphora* Roxb., Fl. Ind. 2: 244 (1832), nom. illegit., superfl. – *Balsamodendrum roxburghii* Arn., Ann. Nat. Hist. 3: 86 (1839), as 'Balsamodendron', nom. illegit., superfl. – *Balsamea commiphora* Engl., Bot. Jahrb. Syst. 1: 42 (1880). – Type: [published illustration] Jacquin, Pl. Hort. Schoenbr. 2: t. 249 (1797) (lectotype designated by Wild, Bol. Soc. Brot. 33: 77 [1959]).

Roxburgh cited *Commiphora madagascariensis* Jacq. as a synonym of *Amyris commiphora*, thus making it superfluous. Walker-Arnott renamed *Amyris commiphora* Roxb. as *Balsamodendrum roxburghii* but did not exclude the Jacquin type, so it is also superfluous.

Commiphora wightii (Arn.) Bhandari, Bull. Bot. Surv. India 6: 327 (1965). – *Balsamodendrum wightii* Arn., Ann. Nat. Hist. 3(15): 86 (1839). – Type: India, Bellary, *R. Wight s.n.* [Herb. Wight propr. 2426] (lectotype E [E00179453], designated by Abedin & Ali in Nasir & Ali, Fl. W. Pakistan 26: 4 [1972]).

Balsamodendrum agallocha Wight & Arn. ex Voigt, Hort. Suburb. Calcutt. 150 (1845). – *Balsamodendrum roxburghii* Stocks, J. Asiat. Soc. Bombay 2: 391 (1847), nom. illegit., superfl., non *B. roxburghii* Arn. (1839). – *Commiphora agallocha* (Wight & Arn. ex Voigt) Engler, Monogr. Phan. 4: 11 (1883). – *Commiphora roxburghii* Engl., Nat. Pflanzenfam. 3(4): 253 (1896), nom. illegit., superfl. – Type: [unpublished illustration] Icones Roxburghianae 1053 (lectotype K, designated here).

Balsamodendrum mukul Hook. ex Stocks, Hooker's J. Bot. Kew Gard. Misc. 1: 259, t. VIII (1849). – *Commiphora mukul* (Hook. ex Stocks) Engl., Monogr. Phan. 4: 12 (1883). – Type: [Pakistan], Scindh, *J.E. Stocks* 440 (lectotype K [K000651690], designated here).

As noted above, Roxburgh's *Amyris commiphora* was made superfluous by citation of *Commiphora madagascariensis* Jacq. in synonymy. Voigt was the first to exclude the Jacquin type and renamed the Roxburgh element *Balsamodendrum agallocha*. A Roxburgh drawing is here selected as lectotype for this name, as no Roxburgh specimens have been found. Stocks published *Balsamodendrum roxburghii* again and did exclude the Jacquin type, but of course it was an illegitimate later homonym. He also cited *Balsamodendrum agallocha* Wight & Arn. ex Voigt in synonymy, making his name superfluous also. Engler proposed *Commiphora roxburghii* as a new combination for Stocks's *Balsamodendrum roxburghii*. However, as an illegitimate later homonym, it cannot act as a basionym, and *Commiphora roxburghii* is therefore a superfluous renaming of *Balsamodendrum agallocha* also. Hooker evidently corrected this problem by changing the epithet to 'mukul' in reprinting Stocks's account but omitting Stocks's synonyms. A Stocks specimen in K is here selected as lectotype for *Balsamodendrum mukul* Hook. ex Stocks.

The earliest legitimate name for the guggul tree is *Balsamodendrum wightii* Arn., which provides the basionym for the accepted name *Commiphora wightii* (Arn.) Bhandari.

Cordia ecalyculata Vell., Fl. Flumin. 96 (1829). – Type: [unpublished illustration] Flora Fluminensis Icones fundamentales t. II prancha 149 [mss1198651_152] (lectotype Biblioteca Nacional (Brazil), designated here).

Cordia roxburghii C.B. Clarke, Fl. Brit. India 4(10): 138 (1883). – *Lithocardium roxburghii* (C.B. Clarke) Kuntze, Revis. Gen. Pl. 2: 977 (1891). – Type: Ceylon, *W. Roxburgh s.n.* (holotype K [K000998066]).

Clarke described *Cordia roxburghii* based on a specimen from Roxburgh's herbarium that came from Sri Lanka. It turns out that this was a species introduced from Brazil. Sánchez de Stapf & dos Santos Silva (2013) designated Vellozo's published plate as type of *Cordia*

ecalyculata Vell., but this was published after the description, so it cannot stand as original material. However, the original illustration on which the plate was based is extant in the collection of the National Library of Brazil and is here designated as lectotype.

Crateva adansonii subsp. *odora* (Buch.-Ham.) Jacobs, *Blumea* 12: 198 (1964). – *Crateva odora* Buch.-Ham., *Trans. Linn. Soc. London* 15: 118 (1827). – Type: India, Dhorhora, 12 iv 1811, *F. Buchan-Hamilton s.n.* [EIC 6972B] (lectotype K-W [K001126438], designated by Jacobs, *Blumea* 12: 198 [1964]; isolectotype E [E00314062]).

Crateva roxburghii R.Br. in Denham & Clapperton, *Narr. Travels Africa* 224 (1826). – *Crateva religiosa* var. *roxburghii* (R.Br.) Hook.f. & Thomson, *Fl. Brit. India* 1(1): 172 (1872). – Type: *W. Roxburgh s.n.* (lectotype BM [BM010772234], designated here).

Robert Brown (1826) coined the name *Crateva roxburghii* for what he referred to as the ‘most general species of India’. Brown equated the species with *Capparis trifoliata* of Roxburgh, which he knew from Roxburgh’s unpublished manuscript, although Brown excluded Niirvala of Rheede’s *Hortus Malabaricus* that Roxburgh cited as a synonym. As Roxburgh’s description was unpublished, it cannot validate *Crateva roxburghii*. Brown also stated that ‘I have little doubt of its being also the plant described as *C. Tapia*, by Vahl, (symb. 3. p. 61)’. Brown continued in his commentary on Vahl: ‘his specific character well according with it [*Crateva roxburghii*], and not applying, as far as relates to the petals, to any known species of America.’ Vahl’s petal character for his *Crateva tapia* was ‘petalis ovato-subrotundis obtusis’, so in effect Brown was providing a diagnosis for *Crateva roxburghii* against American species of the genus based on petal shape, which validates the name in combination with Vahl’s published description. Neither Vahl nor Brown cited any specimens, but Brown appears to imply that he had seen specimens. There are specimens in BM labelled by Roxburgh as *Capparis trifoliata* that would have been available to Brown before 1826, although nothing is labelled as *Crateva roxburghii* by Brown. I select one of these as lectotype for *Crateva roxburghii*. The specimen is one of *Crateva adansonii* subsp. *odora* (Buch.-Ham.) Jacobs.

Crinum defixum Ker Gawl., *J. Sci. Arts (London)* 3: 105 (1817). – Type: [unpublished illustration] *Icones Roxburghianae* 1395 (lectotype K, designated by Turner, *Ann. Bot. Fenn.* 58: 202 [2021]).

Crinum roxburghii Dalzell in Dalzell & Gibson, *Bombay Fl.* 275 (1861). – Type: [unpublished illustration] *Icones Roxburghianae* 1395 (lectotype K, designated here).

Dalzell realised that what Roxburgh described under the name *Crinum asiaticum* was not the true plant. He proposed *Crinum roxburghii* for Roxburgh’s crinum, but Ker Gawler has already named it *Crinum defixum*. However, Ker Gawler had included elements other than Roxburgh’s in his protologue, so Dalzell’s name is not superfluous.

Crotalaria calycina Schrank, Pl. Rar. Hort. Monac. t. 12 (1817). – Type: [published illustration] ‘*Crotalaria calycina*’, Schrank, Pl. Rar. Hort. Monac. t. 12 (1817) (lectotype designated by Ansari & Chauhan, *Crotalaria India Suppl.* 9 [2020]).

Crotalaria roxburghiana DC., Prodr. 2: 129 (1825). – Type: not traced.

De Candolle described *Crotalaria roxburghiana* from material that Leschenault collected in the Calcutta Botanic Garden. I could not trace any such specimens in G. There is a Leschenault specimen in P, which de Candolle may have seen, but it has the locality of Bengal rather than the Calcutta Botanic Gardens, so I leave the typification unresolved.

Croton dioecus Roxb., Fl. Ind. 3: 680 (1832), as ‘dioecum’, nom. illegit., non *C. dioicus* Cav. (1791), nec *C. dioicus* Willd. (1805), *C. dioicus* Isert ex Geiseler (1807). – *Oxydectes roxburghiana* Kuntze, Revis. Gen. Pl. 2: 610 (1891). – Type: non designatus.

The identity of this plant remains unresolved.

Croton persimilis Müll.Arg., Linnaea 34: 116 (1865). – Type: Sri Lanka, CP 2114 (lectotype G-DC [G00312052], designated by Chakrabarty & Balakrishnan, J. Econ. Taxon. Bot. 40(1–2): 39 [2018]).

Croton oblongifolius Roxb., Fl. Ind. 3: 685 (1832), nom. illegit., non *C. oblongifolius* Delile (1812), nec *C. oblongifolius* Sieber ex Spreng. (1826). – *Croton roxburghii* N.P.Balakr., Bull. Bot. Surv. India 3: 39 (1962), nom. illegit., non *C. roxburghii* Wall. (1840). – *Croton virbalaie* M.R.Almeida, Fl. Maharashtra 4B: 300 (2003), as ‘virbalaie’. – Type: *W. Roxburgh s.n.* (lectotype BM [BM00754910], designated by Chakrabarty & Balakrishnan, J. Econ. Taxon. Bot. 40(1–2): 39 [2018]).

Balakrishnan proposed *Croton roxburghii* as a replacement name for the later homonym *Croton oblongifolius* Roxb. However, this was itself also a later homonym.

Cryptocoryne retrospiralis (Roxb.) Kunth, Enum. Pl. 3: 12 (1841). – *Ambrosina retrospiralis* Roxb., Fl. Ind. 3: 492 (1832), as ‘Ambrosinia’. – Type: [unpublished illustration] *Icones Roxburghianae* 1292 (lectotype K, designated here). [Figure 7](#).

Ambrosina unilocularis Roxb., Fl. Ind. 3: 493 (1832), as ‘Ambrosinia’. – *Ambrosina roxburghiana* Voigt, Hort. Suburb. Calcutt. 685 (1845), nom. illegit., superfl., as ‘Ambrosinia’. – *Cryptocoryne unilocularis* (Roxb.) Schott, Bonplandia (Hannover) 5: 223 (1857). – *Cryptocoryne roxburghii* Schott, Prodr. Syst. Aroid. 18 (1860), nom. illegit., superfl. – Type: [unpublished illustration] *Icones Roxburghianae* 245 (lectotype K, designated here).

Voigt renamed *Ambrosina unilocularis* Roxb. as *Ambrosina roxburghiana*. The name change was not needed, and the name is therefore illegitimate. Schott objected to the epithet ‘unilocularis’ as the syncarpium is quadrilobulate, but this is not legitimate grounds for a name change. Rataj (1975) proposed a Hooker and Thomson specimen from Concan in CAL



Figure 7. The lectotype of *Ambrosinia retrospiralis* Roxb., basionym of *Cryptocoryne retrospiralis* (Roxb.) Kunth. Icones Roxburghianae 1292 in the collection of the Royal Botanic Gardens, Kew. Reproduced with the permission of the Board of Trustees of the Royal Botanic Gardens, Kew.

as lectotype for *Ambrosina unilocularis* Roxb., but this is clearly not original material for the name. Therefore, Roxburgh's drawings for the two names cited above are here designated as lectotypes.

Curcuma roxburghii M.A.Rahman & Yusuf, *Bangladesh J. Pl. Taxon.* 19(1): 80 (2012). –

Type: Bangladesh, Rangamati district, Rangapani, 8 vii 1993, *M. Yusuf & M.A. Rahman* 803 (holotype BCSIRH).

Cymbopogon citratus (DC.) Stapf, *Bull. Misc. Inform. Kew* 1906: 322 (1906). – *Andropogon citratus* DC., *Cat. Pl. Horti Monsp.* 78 (1813), as 'citratum'. – Type: Cult. in Horto Monspelienis (not traced).

Andropogon schoenanthus Roxb., *Fl. Ind.* 1: 278 (1820), nom. illegit., non *A. schoenanthus* L. (1753). – *Andropogon roxburghii* Nees ex Wight & Arn., *Cat. Ind. Pl.* 100 (1834). – Type: non designatus.

Wight and Walker-Arnott validated a replacement name for Roxburgh's illegitimate *Andropogon schoenanthus*. It is a synonym of lemongrass *Cymbopogon citratus* (DC.) Stapf.

Cyperus laevigatus L., *Mant. Pl.* 2: 179 (1771). – Type: *Anon. s.n.* [J.G. Koenig] (lectotype LINN [LINN-HL 70.13], designated by Tucker & McVaugh in McVaugh, *Fl. Novo-Galiciana* 13: 308 [1993]).

Cyperus roxburghianus C.Presl, *Isis (Oken)* 21: 272 (1828). – Type: [unpublished illustration] *Icones Roxburghianae* 704 (lectotype K, designated here).

Cyperus roxburghii A.Dietr., *Sp. Pl.*, ed. 6, 2: 214 (1833). – Type: *Anon. s.n.* [J.G. Koenig] (lectotype LD [LD1293107], designated here).

Karl Presl published *Cyperus roxburghianus* as a new name for *Cyperus mucronatus* Roxb., non Rottb. Roxburgh's drawing is here designated as lectotype. Albert Dietrich also commemorated Roxburgh in providing a name for Roxburgh's plant, also including Retzius's plant. A lectotype is designated here following Fischer's designation for *Cyperus mucronatus* Retz., non Rottb.

Cyperus paniceus (Rottb.) Boeckeler, *Linnaea* 36: 381 (1870). – *Kyllinga panicea* Rottb., *Descr. Icon. Rar. Pl.* 15, t. 4, f. 1 (1773). – Type: *J.G. Koenig s.n.* (lectotype C [C10010287], designated here).

Mariscus paniceus var. *roxburghianus* C.B.Clarke in Hooker, *Fl. Brit. Ind.* 6(19): 621 (1893). – *Mariscus roxburghianus* (C.B.Clarke) Alston, in Trimen, *Handb. Fl. Ceylon* 6(Suppl.): 309 (1931). – *Cyperus paniceus* var. *roxburghianus* (C.B.Clarke) Kük. in Engler, *Pflanzenr.* IV, 20(101): 526 (1936). – Type: *Hb. Madr. s.n.* [EIC 3434] (lectotype K-W [K001119367], designated here).

Clarke based his var. *roxburghianus* on material from the Wallich Herbarium. One of the sheets in K-W is here selected as lectotype. Also, a Koenig specimen in C is designated for *Kyllinga panicea* Rottb.

Cyperus platyphyllus Roem. & Schult., Syst. Veg., ed. 15 bis, 2: 876 (1817). – *Papyrus latifolius* Willd., Abh. Königl. Akad. Wiss. Berlin 1812–1813: 74 (1812). – Type: J.G. Klein 979c (lectotype B-W [B -W 01417 -01 0], designated here).

Cyperus roxburghii Nees in Wight, Contr. Bot. India 84 (1834), nom. illegit., non *C. roxburghii* A.Dietr. (1833). – Type: non designatus.

Nees based *Cyperus roxburghii* on a Wight collection and *Cyperus elatus sensu* Roxburgh. I have not traced any original material so leave the typification unresolved. A specimen from B-W is designated as lectotype of *Papyrus latifolius* Willd.

Dendrobium calceolum Roxb., Fl. Ind. 3: 488 (1832). – *Aporum roxburghii* Griff., Calcutta J. Nat. Hist. 4: 370 (1845), nom. illegit., superfl. – *Dendrobium roxburghii* Lindl., J. Proc. Linn. Soc., Bot. 3: 4 (1858), nom. illegit., superfl. – Type: [unpublished illustration] Icones Roxburghianae 1651 (lectotype K, designated here). [Figure 8](#).

Griffith renamed *Dendrobium calceolum* Roxb. as *Aporum roxburghii*. The change of epithet was not required, so the name is illegitimate. Roxburgh's drawing at Kew is here selected as lectotype for *Dendrobium calceolum* as no herbarium material has been located.

Dicliptera chinensis (L.) Juss., Ann. Mus. Hist. Nat. 9: 268 (1807). – *Justicia chinensis* L., Sp. Pl. 1: 16 (1753). – Type: *Anon. s.n.* (lectotype LINN [LINN-HL 28.19], designated by Hara, J. Jap. Bot. 55: 324 [1980]).

Dicliptera roxburghiana Nees in Wallich, Pl. Asiat. Rar. 3: 111 (1832). – Type: India, Botanical Garden [Calcutta], 29 xi 1814, *F. Buchanan-Hamilton s.n.* [EIC 2466A] (lectotype GZU [GZU000249877], designated here; isolectotype K-W [K001116138]).

A lectotype is designated for *Dicliptera roxburghiana* Nees. A specimen from GZU that contains material from Nees's herbarium is selected.

Digitalis roxburghii Roth, Nov. Pl. Sp. 283 (1821). – Type: India, *B. Heyne s.n.* (n.v.).

The identity of Roth's *Digitalis roxburghii* remains uncertain (Turner, [2021a](#)).

Digitaria longiflora (Retz.) Pers., Syn. Pl. 1: 85 (1805). – *Paspalum longiflorum* Retz., Observ. Bot. 4: 15 (1786). – Type: J.G. König s.n. (lectotype LD [LD1739033], designated by Henrard, Monogr. Gen. Digitaria 410 [1950]; possible isolectotypes BM, K).

Milium filiforme Roxb., Fl. Ind. 1: 316–317 (1820), nom. illegit., non *M. filiforme* Lag. (1816). – *Paspalum nematodes* Schult.f., Mant. 2: 171 (1824) [i–iv 1824]. – *Digitaria roxburghii* Spreng., Syst. Veg. 1: 270 (1824) [late 1824], nom. illegit., superfl. – *Paspalum bifarium* Edgew., J. Asiat. Soc. Bengal 21: 157 (1852), nom. illegit., superfl. – Type: India Orientalis, *W. Roxburgh s.n.* (lectotype BM [BM000959638], designated by Veldkamp, Blumea 21: 67 [1973]).

Digitaria roxburghii is a name proposed by Sprengel to replace Roxburgh's later homonym *Milium filiforme*. However, Schultes had already published a nomen novum, making Sprengel's name superfluous.



Figure 8. The lectotype of *Dendrobium calceolum* Roxb. Icones Roxburghianae 1651 in the collection of the Royal Botanic Gardens, Kew. Reproduced with the permission of the Board of Trustees of the Royal Botanic Gardens, Kew.

Dimeria avenacea (Retz.) C.E.C.Fisch., Bull. Misc. Inform. Kew 1932: 72 (1932). – *Anthoxanthum avenaceum* Retz., Observ. Bot. 3: 8 (1783). – *Heteropogon roxburghii* Arn. ex Nees, Nov. Actorum Acad. Caes. Leop.-Carol. Nat. Cur. 19(Suppl. 1): 183 (1843), nom. illegit., superfl. – Type: J.G. Koenig s.n. (lectotype LD [LD1213217], designated by Fischer, Bull. Misc. Inform. Kew 1932: 72 [1932]).

Heteropogon roxburghii Arn. ex Nees is a superfluous renaming of *Anthoxanthum avenaceum* Retz.

Dimeria connivens Hack., Monogr. Phan. 6: 689 (1889). – Type: Ind. or., T. Anderson s.n. (lectotype W [W1916-0034784], designated here; isolectotype K [K000245783]).

Dimeria connivens var. *roxburghiana* K.C.Mohan & Prasanna, Bangladesh J. Pl. Taxon. 24: 237 (2017). – Type: India, Odisha, Nayagarh, Satkosia Tiger Reserve, 20 ix 2016, Chandramohan 8354 (holotype CAL, isotype BSID).

The variety *roxburghiana* described by Mohan and Prasanna has generally not been upheld.

Dimeria ornithopoda Trin., Fund. Agrost.: 167 (1820). – Type: Anon. 567 (holotype LE [Herb. Trin. 1254.01]).

Andropogon filiformis Roxb., Fl. Ind. 1: 260–261 (1820), nom. illegit., non *A. filiformis* Pers. (1805). – *Andropogon roxburghianus* Schult., Mant. 2: 451 (1824). – Type: India, Calcutta, 1809, W. Roxburgh s.n. (lectotype LINN [LINN-HS 1575.25], designated here).

Andropogon roxburghianus Schult. was published as a new name for Roxburgh's later homonym *Andropogon filiformis*. A Roxburgh specimen in the Smith Herbarium is here selected as lectotype for Roxburgh's name.

Diospyros roxburghii Carrière, Rev. Hort. [Paris] 1872: 253, f. 28–29 (1872), as 'Roxburghi'. – Type: non designatus.

Diospyros roxburghii Carrière has remained a controversial species, being sunk by various authors into the cultivated persimmon *Diospyros kaki* L. Ng (1978) resurrected the species from synonymy. Carrière noted that there were specimens of *Diospyros roxburghii* in the Paris Herbarium, but I have not traced any material annotated by him. I therefore leave typification of the name unresolved at present, in the hope that original material can be found in P.

Diplazium phanerotis Kunze, Bot. Zeitung (Berlin) 4: 443 (1846). – Type: Java, H. Zollinger 1481 (lectotype G [G00348439], designated by Morton, Contr. US Natl. Herb. 38: 300 [1974]).

Asplenium varium Roxb., Calcutta J. Nat. Hist. 4: 498 (1844). – *Diplazium roxburghii* T.Moore, Index Fil. (T.Moore) 7: 176, 337 (1860). – Type: W. Roxburgh s.n. (lectotype BR [BR0000006984236], designated by Morton, Contr. US Natl. Herb. 38: 301 [1974]).

Moore renamed *Asplenium varium* Roxb. as *Diplazium roxburghii* because the epithet 'varium' had already been used in *Diplazium*.

Dracaena roxburghiana (Schult.f.) Byng & Christenh., *Global Fl.* 4: 66 (2018). – *Sansevieria roxburghiana* Schult.f., *Syst. Veg.*, ed. 15 bis, 7(1): 357–358 (1829). – *Acynta roxburghiana* (Schult.f.) Kuntze, *Revis. Gen. Pl.* 2: 699 (1891). – *Cordyline roxburghiana* (Schult.f.) Merr., *Enum. Philipp. Fl. Pl.* 1: 206 (1923). – Type: [published illustration] 'Sansevieria zeylanica', Roxburgh, *Pl. Coromandel 2*: t. 184 (1805) (lectotype designated by Marais, *Fl. Mascar.* 183: 28 [1978]).

Schultes recognised that the plant described by Roxburgh under the name *Sansevieria zeylanica* (L.) Willd. was not that species and so named it *Sansevieria roxburghiana*.

Elaeocarpus angustifolius Blume, *Bijdr. Fl. Ned. Ind.* (3): 120 (1825). – Type: *C.L. Blume* 2160/C (lectotype L [L0014015], designated at the first step by Tirel & Raynal, *Adansonia* 20: 176 [1980], and at the second step here; isolectotype L [L0014016]).

Elaeocarpus ganitrus Roxb. ex G.Don, *Gen. Hist.* 1: 559 (1831). – *Ganitrus roxburghii* Wight, *Ill. Ind. Bot.* 1: 83 (1838). – Type: [published illustration] 'Ganitrus', Rumphius, *Herb. Amb.* 3: t. 101 (1743) (lectotype designated here).

Ganitrus roxburghii Wight stands as a replacement name for *Elaeocarpus ganitrus* Roxb. ex G.Don because the tautonym created by a direct transfer of the basionym would be invalid. Don cited Rumphius's plate in his protologue but made no mention of specimens. I therefore select the Rumphius plate as lectotype.

Elaeocarpus rugosus Roxb. ex G.Don, *Gen. Hist.* 1: 559 (1831). – Type: 1811, *W. Roxburgh s.n.* (lectotype BM [BM000795190], designated by Chakrabarty *et al.*, *Plant Sci. Today* 6(2): 286 [2019]).

Elaeocarpus aristatus Roxb., *Fl. Ind.* 2: 599 (1832). – *Monocera roxburghii* Wight, *Icon. Pl. Ind. Orient.* 1(4): [1], t. 63 (1838), nom. illegit., superfl. – Type: *W. Roxburgh s.n.* (lectotype BM [BM000795193], designated by Chakraborty *et al.*, *Ethnobot. Jarawa Tribe Andaman Isl., India* 70 [2020]).

Wight used the name *Monocera roxburghii* for Roxburgh's *Elaeocarpus aristatus*. As there was nothing to prevent a transfer of Roxburgh's epithet, Wight's name is superfluous. A Roxburgh specimen in BM has been selected as lectotype for *Elaeocarpus aristatus*.

Embelia tsjeriam-cottam (Roem. & Schult.) A.DC., *Trans. Linn. Soc. London* 17: 131 (1834). – *Ardisia tsjeriam-cottam* Roem & Schult., *Syst. Veg.*, ed. 15 bis, 4: 517 (1819). – Type: [published illustration] 'Tsjeriam-cottam', Rheede, *Hort. Malab.* 5: t. 11 (1685) (lectotype designated by Arun & Sardesai, *Phytotaxa* 491: 232 [2021]); India, Kolhapur, Ambewadi, 14 i 2020, *M.M. Sardesai* MMS1644 (epitype BSI, designated by Arun & Sardesai, *Phytotaxa* 491: 232 [2021]).

Embelia robusta var. *roxburghii* Kurz, Forest Fl. Burma 2: 103 (1877). – *Samara robusta* var. *roxburghii* (Kurz) Kurz, J. Asiat. Soc. Bengal, Pt 2, Nat. Hist. 46: 222 (1877). – Type: non designatus.

Kurz published a var. *roxburghii* under *Embelia robusta* and shortly after transferred it to the genus *Samara*. I have not traced any original material for Kurz's *Embelia robusta* var. *roxburghii*.

Enteropogon dolichostachyus (Lag.) Keng, Clav. Gen. Sp. Gram. Prim. Sin. 197 (1957). – *Chloris dolichostachya* Lag., Gen. Sp. Pl. 5 (1816). – Type: Philippines, Sambuangan, L. Née s.n. (lectotype MA [MA253368], designated by Turner, Taxon 70: 378 [2021]; probable isolectotype MA [MA253370]).

Melica digitata Roxb., Fl. Ind. 1: 328–329 (1832). – *Chloris roxburghii* Edgew., J. Asiat. Soc. Bengal 21: 183 (1852), nom. illegit., superfl. – Type: [unpublished illustration] Icones Roxburghianae 825 (lectotype K, by Turner, Taxon 70: 378 [2021]).

Chloris roxburghii Edgew. is illegitimate and superfluous to *Melica digitata* Roxb.

Epithema involucrata (Roxb.) B.L.Burt, Notes Roy. Bot. Gard. Edinburgh 22: 308 (1958). – *Gratiola involucrata* Roxb., Fl. Ind. 1: 138 (1820). – *Epithema roxburghii* DC., Prodr. 9: 279 (1845), nom. illegit., superfl. – Type: *W. Roxburgh* s.n. (lectotype PDA, designated by Bransgrove & Middleton, Gard. Bull. Singapore 67: 187 [2015]).

De Candolle renamed *Gratiola involucrata* Roxb. as *Epithema roxburghii*, but this is superfluous.

Eragrostis cilianensis (All.) Vignolo ex Janch., Mitt. Naturwiss. Vereins Univ. Wien 5: 110 (1907). – *Poa cilianensis* All., Fl. Pedem. 2: 246 (1785). – Type: Italy, in agris patrio Ciliani, *Bellardi* s.n. (lectotype TO [TO-8242], designated by Vignolo, Malpighia 18: 380 [1904]; isolectotypes BRI, F).

Poa flexuosa Roxb., Fl. Ind. 1: 340–341 (1820), nom. illegit., non *P. flexuosa* Sm. (1800), nec *P. flexuosa* Schleich. ex Gaudin (1808), nec *P. flexuosa* Muhl. (1817). – *Poa roxburghiana* Schult., Mant. 2: 314–315 (1824) [i–iv 1824]. – *Poa tortuosa* Spreng., Syst. Veg. 1: 345 (1824) [late 1824], nom. illegit., superfl. – Type: [unpublished illustration] Icones Roxburghianae 843 (lectotype K, designated here).

Poa roxburghiana Schult. is a replacement name for Roxburgh's later homonym *Poa flexuosa*.

Erica verticillata P.J.Bergius, Descr. Pl. Cap. 99 (1767). – Type: [South Africa], Cap. b. Sp., M. *Grubb* s.n. (holotype SBT [SBT10210]).

Erica roxburghii Benth., Prodr. 7(2): 682 (1839). – *Ericoides roxburghii* (Benth.) Kuntze, Revis. Gen. Pl. 2: 967 (1891). – *Erica verticillata* var. *roxburghii* (Benth.) Bolus, Fl. Capensis 4(1): 81 (1905). – Type: [South Africa], Cape of Good Hope, *W. Roxburgh* s.n. (lectotype K [K000314650], designated here).

Bentham described *Erica roxburghii* partly based on material collected by Roxburgh in South Africa. There is a specimen in K from the Forsyth Herbarium purchased by Bentham in 1835. This is here designated as lectotype of Bentham's name.

Eugenia roxburghii DC., Prodr. 3: 271 (1828). – *Eugenia bracteata* var. *roxburghii* (DC.) Duthie Fl. Brit. India 2(6): 502 (1879). – Type: India, *W. Roxburgh s.n.* [ex Herb. Lambert 1816] (lectotype G-DC [G00658431], designated by Turner, Taxon 70: 402 [2021]).

Eurya acuminata DC., Mém. Soc. Phys. Hist. Nat. Genève 1: 418 (1822). – Type: Nepal, 1821, *N. Wallich s.n.* [EIC 1464.1] (lectotype K-W [K001113152], designated at the first step by Wadhwa, Rev. Handb. Fl. Ceylon 10: 398 [1996] and at the second step here; isolectotype G-DC [G00209697]).

Eurya roxburghii Wall. ex Blume, Mus. Bot. 2: 113 (1856 [1852]). – Type: *Anon s.n.* [EIC 1463] (lectotype L [L0012348], designated here).

Blume was the first to validate Wallich's *Eurya roxburghii*. A specimen in L is here designated as lectotype. As it is not clear from the specimen which of the collections included under Wallich's number 1463 it represents, it is not possible to confirm any isolectotypes. The typification of *Eurya acuminata* DC. is contentious. Wadhwa (1996) effectively selected a Wallich specimen from Nepal included under catalogue number 1464 in K. It is not possible that de Candolle could have seen this specimen when describing the species, as it would have been in India at that time. He had a specimen in Geneva that Wallich sent to him directly. It bears the collecting information of Nepal, 1821, that is given for 1464.1 in the Wallich Catalogue. It is difficult to disprove duplicate status of the Prodrum Herbarium and East India Company specimens, so therefore I accept Wadhwa's as a first-step lectotypification as there is more than one sheet present in K. Further complication is added by the mixed nature of the collection, which also includes material of *Eurya cerasifolia* (D. Don) Kobuski. I therefore select, at the second step, the material on a sheet in K-W mounted on the left and referred to by the cited barcode.

Ficus auriculata Lour., Fl. Cochinch. 2: 666 (1790). – Type: Vietnam, Annam, Quang Nam, 26 ii 1941, *E. Poilane* 31759 (neotype P [P06826446], designated by Zhang *et al.*, Phytotaxa 399: 203 [2019]).

Ficus macrophylla Roxb. & Buch.-Ham. ex Sm. in Rees, Cycl. 14: Ficus n. 32 (1810), nom. illegit., non *F. macrophylla* Desf. ex Pers. (1807). – Type: *Anon. s.n.* (lectotype LINN [LINN HS-1610.12], designated by Zhang *et al.*, Phytotaxa 399: 204 [2019]).

Ficus macrophylla Roxb., Fl. Ind. 3: 556 (1832), nom. illegit., non *F. macrophylla* Desf. ex Pers. (1807), nec *F. macrophylla* Roxb. & Buch.-Ham. ex Sm. (1810). – *Ficus roxburghii* Wall., Rep. Calcutta Bot. Gard. to G.A. Bushby 33 (1840). – Type: *Anon. s.n.* (lectotype LINN [LINN HS-1610.12], designated by Zhang *et al.*, Phytotaxa 399: 204 [2019]).

Ficus roxburghii Wall. is a replacement name for Roxburgh's illegitimate *Ficus macrophylla*.

Ficus hispida L.f., Suppl. Pl.: 422 (1782). – Type: *Anon. s.n.* (lectotype LINN [LINN-HL 1240.13], designated here).

Ficus oppositifolia Roxb., Pl. Corom. 2: 14, t. 124 (1799). – *Sycomorphe roxburghii* Miq., Ann. Sci. Nat., Bot., Sér. 3, 1: 35 (1844), nom. illegit., superfl. – Type: [published illustration] ‘*Ficus oppositifolia*’, Roxb., Pl. Corom. 2: t. 124 (1799) (lectotype designated here).

Miquel’s *Sycomorphe roxburghii* is superfluous to *Ficus oppositifolia* Roxb. Lectotypes are designated here for both *Ficus oppositifolia* Roxb. and *Ficus hispida* L.f.

Ficus triloba Buch.-Ham. ex Voigt, Hort. Suburb. Calcutt.: 284 (1845). – *Ficus hirsuta* Roxb., Fl. Ind. 3: 528 (1832), nom. illegit., non *F. hirsuta* Schott (1827). – *Ficus hirta* var. *triloba* (Buch.-Ham. ex Voigt) Kuntze, Revis. Gen. Pl. 1: 627 (1891). – Type [unpublished illustration] *Icones Roxburghianae* 2367 (lectotype K, designated by Lu *et al.*, *Phytotaxa* 261: 131 [2016]).

Ficus roxburghii Miq., London J. Bot. 7: 456 (1848), nom. illegit., non *F. roxburghii* Wall. (1840). – *Ficus hirta* var. *roxburghii* King, Ann. Roy. Bot. Gard. (Calcutta) 1(2): 150 (1888). – *Ficus hirta* Vahl subsp. *roxburghii* (King) Berg, *Blumea* 48: 537 (2003). – *Ficus simplicissima* Lour. var. *roxburghii* (King) Hong Qing Li & J.Lu, *Phytotaxa* 261: 131 (2016). – Type: Sillet, *F. de Silva s.n.* [EIC 4491B] (lectotype K [K000880197], designated here; isoelectotype K-W [K001039138]).

Separately, Voigt and Miquel tried to provide a legitimate name for a fig species that Roxburgh described as both *Ficus hirsuta* Roxb. and *Ficus hirta* Vahl. Miquel’s *Ficus roxburghii* was later than Voigt’s *Ficus triloba* and was also a later homonym. I follow the lead of Lu *et al.* (2016) in typifying these names. They successfully designated a lectotype for *Ficus triloba* but referred to a holotype for *F. roxburghii*, when clearly the specimen was not the only element used by Miquel in preparing his description. I designate this specimen as lectotype of *Ficus roxburghii* Miq.

Fimbristylis ferruginea (L.) Vahl, Enum. Pl. 2: 291 (1805). – *Scirpus ferrugineus* L., Sp. Pl. 1: 50 (1753). – Type: Herb. van Royen s.n. (lectotype L [L0052731], designated by Adams, *Taxon* 53: 180 [2004]).

Fimbristylis roxburghii A.Dietr., Sp. Pl., ed. 6, 2: 162 (1824). – Type: [unpublished illustration] *Icones Roxburghianae* 745 (lectotype K, designated here).

Dietrich based *Fimbristylis roxburghii* on Roxburgh’s description of *Scirpus globulosus*. Roxburgh’s drawing of this plant in K is here designated as lectotype for Dietrich’s name as no herbarium material has been located.

Firmiana colorata (Roxb.) R.Br., *Pterocymbium* 235 (1844). – *Sterculia colorata* Roxb., Pl. Coromandel 1: 26, t. 25 (1795). – *Erythropsis roxburghiana* Schott & Endl., *Melet. Bot.*: 33 (1832), nom. illegit., superfl. – Type: Ind. Or., *W. Roxburgh s.n.* (lectotype LINN [LINN-HS 1498.17], designated here).

Schott and Endlicher published *Erythropsis roxburghiana* as a superfluous renaming of *Sterculia colorata* Roxb. Roxburgh's name seems not to have been typified. There is a specimen in the Smith Herbarium that is labelled 'Ind. Or. Roxburgh 1789'. It bears a ticket in Roxburgh's hand, stating 'Gentoo name karaka'. In the protologue, Roxburgh reported the species as 'Caraka of the Telingas', 'Gentoo' and 'Telinga' being historical terms used for Telugu. The specimen is early enough to be original material for Roxburgh's name and is here designated as lectotype.

Flacourtia inermis Roxb., Pl. Coromandel 3: 16–17, t. 222 (1811). – *Daphniphyllum roxburghii* Baill., Étude Euphorb. 565 (1858), nom. illegit., superfl. – Type: India Orientalis, *W. Roxburgh s.n.* (lectotype BM [BM000624120], designated here).

Daphniphyllum roxburghii Baill. is an illegitimate new name for *Flacourtia inermis* Roxb. A specimen in BM is here selected as lectotype for Roxburgh's name.

Garcinia cowa Roxb. ex Choisy, Mém. Soc. Hist. Nat. Paris 1: 226 (1823). – *Garcinia roxburghii* Wight, Ill. Ind. Bot. 1: 125 (1838), nom. illegit., superfl. – Type: *W. Roxburgh s.n.* (lectotype BR [BR0000006915667], designated at the first step by Maheshwari, Bull. Bot. Surv. Ind. 6: 131 [1965], and at the second step here).

Wight's *Garcinia roxburghii* represents a superfluous renaming of *Garcinia cowa* Roxb. ex Choisy. I take Choisy's question mark in the synonym citation '*G. dioica* ? Smith, Rees Cycl.' as an expression of doubt, thus avoiding making his name superfluous. Maheshwari (1965) stated that the type of *Garcinia cowa* was a Roxburgh specimen in BR. There is Roxburgh material in the Prodromus Herbarium in Geneva that would be more plausible for lectotypification. Roxburgh specimens very rarely carry any more information than the name applied by Roxburgh, so it is almost impossible to confirm duplicate status of material. However, I do not think it is possible to reject Maheshwari's choice. A second-step typification is required because there are several sheets in BR. This is made here.

Getonia floribunda Roxb., Pl. Coromandel 1: 61, t. 87 (1798). – *Calycopteris floribunda* (Roxb.) Lam. ex Poir., Encycl. Suppl. 2: 41 (1811). – Type: [published illustration] '*Getonia floribunda*', Roxburgh, Pl. Coromandel 1: t. 87 (1798) (lectotype designated by Turner, Webbia 75: 271 [2020]).

Calycopteris nutans var. *roxburghii* Kurz, J. Asiat. Soc. Bengal, Pt 2, Nat. Hist. 46(2): 59 (1877). – Type: not traced.

Kurz's var. *roxburghii* is a synonym of *Getonia floribunda* Roxb. I have not located any material to typify Kurz's name.

Glebionis coronaria (L.) Cass. ex Spach, Hist. Nat. Vég. 10: 181 (1841). – *Chrysanthemum coronarium* L., Sp. Pl. 2: 890 (1753), nom. cons. – Conserved type: Greece, Kriti (Crete): Nomos Irakliou, Eparhia Kenourgiou, 500 m E. of Gangales, E side of road to Vali, 250 m, 13 iv 2003, Turland 1166 [Kyriakopoulos & Turland leg.] (UPA).

Pyrethrum indicum Roxb. ex Sims, Bot. Mag. 37: t. 1521 (1813). – *Chrysanthemum roxburghii* Desf., Tabl. École Bot., ed. 3 (Cat. Pl. Horti Paris.): 170 (1829). – *Pinardia roxburghii* (Desf.) Less. ex Fisch. et al., Index Seminum [St. Petersburg (Petropolitanus)] 3: 44 (1837), nom. illegit., superfl. – Type: [unpublished illustration] Icones Roxburghianae 2090 (lectotype K, designated here).

Chrysanthemum roxburghii Desf. represents a new name in *Chrysanthemum* for *Pyrethrum indicum* Roxb. ex Sims, as *C. indicum* L. blocked a direct transfer. In validating Roxburgh's name, Sims cited Roxburgh's manuscript description and drawing. As the drawing is better than the plate published by Sims, I select the former as lectotype.

Glochidion obscurum (Roxb. ex Willd.) Blume, Bijdr. Fl. Ned. Ind. (12): 585 (1826). – *Phyllanthus obscurus* Roxb. ex Willd., Sp. Pl. 4: 581 (1805). – *Bradleia pinnata* Roxb., Hort. Bengal. 69 (1814), nom. illegit., superfl. – *Glochidion roxburghianum* Müll.Arg., Linnaea 32: 61 (1863), nom. illegit., superfl. – Type: *W. Roxburgh s.n.* (lectotype B-W [B-W 17971 -01 0], designated by Chakrabarty, Ann. Pl. Sci. 8(10): 3627 [2019]).

Glochidion roxburghianum Müll.Arg. is a superfluous renaming of *Phyllanthus obscurus* Roxb. ex Willd.

Gossypium arboreum L., Sp. Pl. 2: 693 (1753). – Type: *Anon. s.n.* (lectotype LINN [LINN-HL 874.3], designated by Fawcett & Rendle, Fl. Jamaica 5: 148 [1926]).

Gossypium roxburghii Tod., Giorn. Reale Ist. Incoragg. Agric. Sicilia, Ser. 3, 1: 45 (1863). – *Gossypium neglectum* var. *roxburghianum* Tod., Relaz. Cult. Coton. 169 (1877–1878). – Type: [unpublished illustration] Icones Roxburghianae 1496 (lectotype CAL, designated by Fryxell, Techn. Bull. U.S.D.A. no. 1491: 65 [1976]).

Todaro based his *Gossypium roxburghii* on Roxburgh's account of Dacca cotton. Fryxell selected Roxburgh's drawing in CAL as lectotype of Todaro's name. There are two drawings labelled 1496 in CAL. I take Fryxell's typification to apply to number 54, which includes the annotation 'var. Dacca cotton'. This drawing matches the one in K that has an original annotation of 'Dacca Cotton'.

Grewia rothii DC., Prodr. 1: 509 (1824). – *Grewia bicolor* Roth, Nov. Pl. Sp. 240 (1821), nom. illegit., non *G. bicolor* Juss. (1804). – Type: *Anon. s.n.* [ex Herb. Rottler] (neotype K [K001129699], designated by Turner, Taxon 70: 391 [2021]).

Grewia roxburghii G.Don, Gen. Hist. 1: 548 (1831). – Type: *B. Heyne s.n.* [EIC 1091.[1]] (lectotype K-W [K001112022], designated here).

Grewia salviifolia Roxb., Fl. Ind. 2: 587 (1832), as '*salvifolia*', nom. illegit., non *G. salviifolia* L.f. (1782), nec *G. salvifolia* B.Heyne ex Roth (1821). – Type: [unpublished illustration] Icones Roxburghianae 225 (lectotype K, designated here).

George Don clearly realised that Roxburgh's *Grewia salviifolia* was a later homonym (or would be when it was validated). He therefore used *Grewia roxburghii* for it. A Heyne specimen in K-W included by Wallich under Roxburgh's name is here selected as lectotype of Don's name. Roxburgh's name is lectotypified to one of his illustrations in K.

Habenaria roxburghii Nicolson in Saldanha & Nicolson, Fl. Hassan Distr. 834 (1976). – *Orchis plantaginea* Roxb., Pl. Coromandel 1: 32, t. 37 (1795). – *Orchis platyphyllos* Willd., Sp. Pl. 4: 11 (1805), nom. illegit., superfl. – *Orchis roxburghii* Pers., Syn. Pl. 2(2): 503 (1807), nom. illegit., superfl. – *Habenaria platyphylla* Spreng., Syst. Veg. ed. 16, 3: 690 (1826), nom. illegit., superfl. – *Pecteilis roxburghii* (Nicolson) M.A.Clem. & D.L.Jones, Austral. Orchid Rev. 83(6): 53 (2018). – Type: [published illustration] '*Orchis plantaginea*', Roxburgh, Pl. Coromandel 1: t. 37 (1795) (lectotype designated here).

The transfer of *Orchis plantaginea* Roxb. to *Habenaria* is blocked by *Habenaria plantaginea* Lindl., so Nicolson published *Habenaria roxburghii*. As no Roxburgh specimens have been located, Roxburgh's plate is here designated as lectotype.

Hedychium roxburghii Blume, Enum. Pl. Javae 1: 57 (1827). – *Gandasulium roxburghii* (Blume) Kuntze, Revis. Gen. Pl. 2: 690 (1891). – Type: Java, C.L. Blume 488 (lectotype L [L0041122], designated here; isolectotype L [L0041121]).

Blume named this Indonesian ginger after Roxburgh. A Blume specimen in L is here designated as lectotype.

Helicteres isora L., Sp. Pl. 2: 963 (1753). – Type: [published illustration] "*Helicteres arbor* Ind. Or. siliqua varicosa, & funiculi in modum contortuplicata", Plukenet, Phytographia, t. 245, f. 2 [closed fr. only] (1692) (lectotype designated by Howard, J. Arnold Arbor. 54: 454 [1973]).

Helicteres roxburghii G.Don, Gen. Hist 1: 506 (1831). – Type: *W. Roxburgh s.n.* [EIC 1179D] (lectotype K-W [K001112333], designated here, including material labelled 'a' in pencil on sheet only).

George Don based *Helicteres roxburghii*, at least in part, on *Helicteres isora sensu* Roxburgh. A Roxburgh specimen in K-W is therefore selected as lectotype here.

Heliotropium paniculatum Roxb., Fl. Ind. 2: 2 (1824), nom. illegit., non *H. paniculatum* R.Br. (1810). – *Heliotropium roxburghii* Spreng., Syst. Veg. (ed. 16) 4(2, Cur. Post.): 54 (1827). – *Heliotropium roxburghianum* Voigt, Hort. Suburb. Calcutt. 445 (1845), nom. illegit., superfl.

Roxburgh's name was a later homonym, so Sprengel renamed *Heliotropium paniculatum* as *H. roxburghii*. Voigt's *Heliotropium roxburghianum* is superfluous. The identity of the species remains uncertain, as there is no drawing or herbarium material available.

Hellenia globosa (Blume) S.R.Dutta, *Pleione* 4: 152 (2010). – *Costus globosus* Blume, *Enum. Pl. Javae* 62 (1827), nom. cons. prop. – Type: Indonesia, Java, Bantam, Tjoeroek Dinding, xi 1820, *Van Hasselt s.n.* (lectotype L [L.1480413], designated by Veldkamp, *Taxon* 67: 443 [2018]).

Costus roxburghii Hasselt, *Bull. Sci. Nat. Geol.* 3: 189 (1824), nom. rej. prop. – Type: Indonesia, Java, Bantam, Tjoeroek Dinding, xi 1820, *J.C.A. Van Hasselt s.n.* (lectotype L [L.1480413], designated by Veldkamp, *Taxon* 67: 443 [2018]).

Costus roxburghii Hasselt is an overlooked name for a Southeast Asian species. As it threatens the long-established epithet in use, there is a proposal submitted to conserve *Costus globosus* Blume against *C. roxburghii* Hasselt (Veldkamp, 2018).

Heptapleurum venulosum (Wight & Arn.) Seem., *J. Bot.* 3: 80 (1865). – *Paratropia venulosa* Wight & Arn., *Prodr. Fl. Ind. Orient.* 377 (1834). – *Schefflera venulosa* (Wight & Arn.) Harms, *Nat. Pflanzenfam.* 3(8): 39 (1894). – Type: Peninsula Ind. orientalis, *R. Wight s.n.* [Cat. 1216] (lectotype K [K001129835], designated here).

Aralia digitata Roxb., *Fl. Ind.* 2: 107 (1832), nom. illegit., non *A. digitata* Humb. & Bonpl. ex Willd. (1820). – *Paratropia digitata* Voigt, *Hort. Suburb. Calcutt.* 25 (1845), nom. illegit., superfl. – *Schefflera roxburghii* Gamble, *Fl. Madras* 570 (1919). – *Heptapleurum venulosum* var. *roxburghii* (Gamble) Haines, *Bot. Bihar Orissa Pt* 3: 416 (1922). – *Schefflera venulosa* var. *roxburghii* (Gamble) K.K.Khanna, *J. Econ. Taxon. Bot.* 26: 144 (2002). – Type: *W. Roxburgh s.n.* [EIC 4920C] (lectotype K-W [K001104223], designated here).

Roxburgh described a South Indian species as *Aralia digitata*. This was a later homonym. Wight and Walker-Arnott included *Aralia digitata* Roxb. as a synonym of *Paratropia venulosa* Wight & Arn. Later, Gamble published *Schefflera roxburghii* as a replacement name for *Aralia digitata* Roxb. If *Paratropia venulosa* Wight & Arn. is treated as a replacement name for *Aralia digitata* Roxb., then *Schefflera roxburghii* Gamble becomes superfluous and illegitimate. The Code (ICN Article 6.13; Turland *et al.*, 2018) allows a name not explicitly proposed as a substitute to be a new taxon if the requirements for such are met. None of these names seems to have been typified. Because in the past the Roxburgh and Wight elements have been recognised as separate taxa, types are designated here to maintain that nomenclatural separation, even though presently they are no longer kept apart taxonomically.

Heterophragma quadriloculare (Roxb.) K.Schum., *Nat. Pflanzenfam.* IV, 3b: 243 (1895). – *Bignonia quadrilocularis* Roxb., *Pl. Coromandel* 2: 24, t. 145 (1800). – *Spathodea roxburghii* Spreng., *Syst. Veg.* 2: 835 (1825), nom. illegit., superfl. – *Heterophragma roxburghii* DC., *Prodr.* 9: 210 (1845), nom. illegit., superfl. – Type: [published illustration] 'Bignonia quadrilocularis', Roxburgh, *Pl. Coromandel* 2: t. 145 (1800) (lectotype designated here).

Spathodea roxburghii Spreng. and *Heterophragma roxburghii* DC. are superfluous renamings of *Bignonia quadrilocularis* Roxb. Roxburgh's published plate is here designated as lectotype.

Heteropogon contortus (L.) P.Beauv. ex Roem. & Schult., Syst. Veg., ed. 15 bis, 2: 836 (1817). – *Andropogon contortus* L., Sp. Pl. 2: 1045 (1753). – Type: [published illustration] ‘Gram. Secalinum, Indicum, spica gracili, tomentosus, aristis longioribus, ad se invicem intortis’, Plukenet, Phytogr. 4: t. 191, f. 5 (1692) (lectotype designated by Cope, Fl. Pakistan 143: 312 [1982]).

Andropogon contortus subvar. *roxburghii* Hack., Monogr. Phan. 6: 586 (1889). – *Heteropogon contortus* subvar. *roxburghii* (Hack.) Domin, Biblioth. Bot. 85: 276 (1915). – Type: India, prope urbem Mangalor, 1847, *Plantae Indiae or. (Terr. Canara.) Ed. R.F. Hohenacker* 301 (lectotype W [W 1889-0067344], designated here).

A specimen annotated with Hackel's subvarietal name in W is here selected as lectotype.

Hibiscus hispidissimus Griff., Not. Pl. Asiat. 4: 521 (1854). – Type: India, Kerala, Thanneerpandal, near town of Badagara, A.K. Pradeep 5008 (neotype K [n.v.], designated by Pradeep & Sivarajan, Taxon 40: 637 [1991]; isoneotype CALI).

Hibiscus furcatus Roxb. ex DC., Prodr. 1: 449 (1824), nom. illegit., non *H. furcatus* Willd. (1809). – *Furcaria roxburghii* Kostel., Allg. Med.-Pharm. Fl. 5: 1856 (1836). – Type: India, Bengal, 1821, *Leschenault de la Tour s.n.* (lectotype G-DC [IDC800 LM-197/9], designated here).

Kosteletzky renamed Candolle's later homonym *Furcaria roxburghii*. The transfer of this name to *Hibiscus* is blocked by *Hibiscus roxburghii* Steud. Wilson (1999) considered Roxburgh's drawing of *Hibiscus furcatus* in K as the holotype of the name. It seems very unlikely that de Candolle saw this drawing, but he does indicate that he saw a specimen. There is a specimen in G-DC collected by Leschenault de la Tour in Bengal in 1821. This is here designated as lectotype to supersede Wilson's typification.

Horsfieldia spicata (Roxb.) J.Sinclair, Gard. Bull. Singapore 28: 112 (1975). – *Myristica spicata* Roxb., Fl. Ind. 3: 847 (1832). – Type: cult in Hortus Botanicus Calcuttensis (n.v.)

Horsfieldia roxburghii Warb., Nova Acta Acad. Caes. Leop.-Carol. German. Nat. Cur. 68: 277 (1897). – Type: Culta in hortus Bog. (lectotype P [n.v.], designated by de Wilde, Gard. Bull. Singapore 38: 59 [1985]; isolectotypes B, FI).

Roxburgh described *Myristica spicata* based on a flowering female tree in the Calcutta Botanic Garden. No herbarium material or drawing of this tree has been located.

Hunteria zeylanica (Retz.) Gardner ex Thwaites, Enum. Pl. Zeyl. 191 (1860). – *Cameraria zeylanica* Retz., Observ. Bot. 4: 24 (1786). – Type: *J.G. Koenig s.n.* (lectotype LD [LD1754349], designated by Huber, Rev. Handb. Fl. Ceylon 1(1): 10 [1973]); possible isolectotypes BM, MO).

Hunteria roxburghiana Wight, Icon. Pl. Ind. Orient. 4: 2, t. 1294 (1848). – *Hunteria corymbosa* var. *roxburghiana* (Wight) Trimen ex Gamble, Fl. Madras 2: 808 (1923). – Type: India,

R. Wight s.n. [Peninsula Indiae Orientalis No. 1874] (lectotype G [G00169483], designated by Omino, Wageningen Agric. Univ. Pap. 96-1: 123 [1996]; possible isolectotypes L [×2], K [×2]).

Noltie (2005) gives details of likely original material for *Hunteria roxburghiana* in E; Omino's lectotypification rests on the assumption that the specimen in G distributed from Kew represents duplicate material of this.

Hydrilla verticillata (L.f.) Royle, Ill. Bot. Nat. Hist. Himal. 1: 376 (1839). – *Serpicula verticillata* L.f., Suppl. Pl. 416 (1781). – Type: *Anon. s.n.* (lectotype LINN [LINN-HL 1106.1], designated by Cook & Lüönd, Aquatic Bot. 13: 486 [1982]).

Hydrilla roxburghii Steud., Nomencl. Bot., ed. 2, 1: 780 (1840). – Type [published illustration] ‘*Serpicula verticillata*’, Roxburgh, Pl. Coromandel 2: t. 164 (1802) (lectotype designated here).

Steudel based *Hydrilla roxburghii* on Roxburgh's description of *Serpicula verticillata*. Roxburgh's published plate is here selected as lectotype of Steudel's name.

Hygrophila ringens (L.) R.Br. ex Steud., Nomencl. Bot. 1: 418 (1821). – *Ruellia ringens* L., Sp. Pl. 2: 635 (1753). – Type: *Anon. s.n.* (lectotype LINN [LINN-HL 804.13], designated by Hansen in Nicolson *et al.* (ed.), Interpret. Van Rheedee's Hort. Malab. 40 [1988]).

Hygrophila phlomoides var. *roxburghii* C.B. Clarke, Fl. Brit. India 4(11): 408 (1884). – Type: Botanical Garden [Calcutta], 9 i 1815, *F. Buchanan-Hamilton s.n.* [EIC 2375] (lectotype K-W [K001115795], designated here).

Clarke cited the Wallich Catalogue number 2375 in the protologue of his var. *roxburghii*. The specimen in K-W is here designated as lectotype for this name.

Hypobathrum racemosum (Roxb.) Kurz, Prelim. Rep. Forest Pegu, App. B: 59 (1875). – *Randia racemosa* Roxb., Fl. Ind. 2: 144–145 (1824). – *Petunga roxburghii* DC., Prodr. 4: 399 (1830), nom. illegit., superfl. – Type: [unpublished illustration] Icones Roxburghianae 1207 (lectotype K, designated here). [Figure 9](#).

Petunga roxburghii DC. represents a superfluous renaming of *Randia racemosa* Roxb. De Candolle objected to Roxburgh's epithet because the inflorescences are spicate rather than racemose. Roxburgh's drawing, labelled *Ixora polysperma*, is here selected as lectotype for Roxburgh's name.

Indigofera coerulea Roxb., Trans. Soc. London Encour. Arts 28: 294–296 (1811). – *Indigofera roxburghiana* J.St.-Hil., Mém. Indigof. Bengale 9 (1826), nom. illegit., superfl. – *Indigofera argentea* var. *coerulea* (Roxb.) Baker in Hooker, Fl. Brit. India 2(4): 99 (1876). – Type: *W. Roxburgh s.n.* (lectotype BR [BR0000005170104], designated by Turner, Willdenowia 44: 24 [2014]).

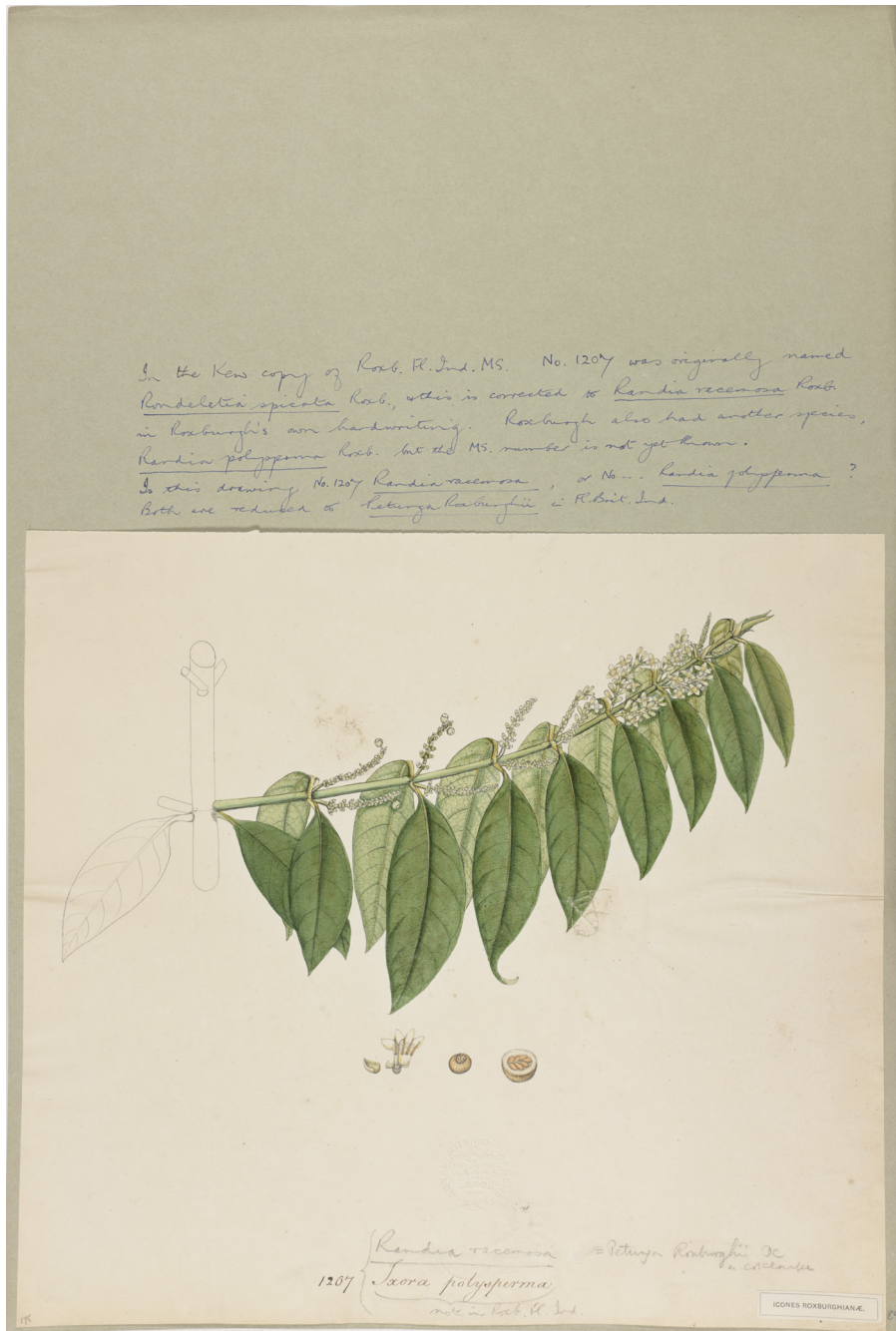


Figure 9. The lectotype of *Randia racemosa* Roxb., basionym of *Hypobathrum racemosum* (Roxb.) Kurz. Icones Roxburghianae 1207 in the collection of the Royal Botanic Gardens, Kew. Reproduced with the permission of the Board of Trustees of the Royal Botanic Gardens, Kew.

Jaume Saint-Hilaire proposed *Indigofera roxburghiana* as a replacement name for *Indigofera coerulea* Roxb., as he believed Roxburgh's name was a later homonym of *I. coerulea* L.f. However, Linnaeus filius never published this name. Possibly Jaume Saint-Hilaire confused *Galega coerulea* L.f. with *Indigofera*.

Indigofera linifolia (L.f.) Retz., *Observ. Bot.* 4: 29 (1786). – *Hedysarum linifolium* L.f., *Suppl.* Pl. 331 (1782). – Type: Ind. orient., *Anon. s.n.* (lectotype LINN [LINN-HL 921.5], designated by Ali, *Bot. Notiser* 111: 543 [1958]).

Indigofera roxburghii Tausch, *Flora* 14(2): 671 (1831). – Type [published illustration] 'Indigofera linifolia', Roxburgh, *Pl. Coromandel 2*: t. 195 (1805) (lectotype designated here).

Tausch based *Indigofera roxburghii* on *Indigofera linifolia sensu* Roxb. Roxburgh's plate is here selected as lectotype of Tausch's name.

Ipomoea alba L., *Sp. Pl.* 1: 161 (1753). – Type: [published illustration] 'Munda-valli', Rheede, *Hort. Malab.* 11: t. 50 (1692) (lectotype designated by Verdcourt, *Fl. Trop. E. Afr., Convolvul.* 130 [1963]).

Ipomoea grandiflora Roxb., *Hort. Bengal.* 14 (1814), nom. illegit., non *I. grandiflora* Lam. (1793). – *Calonyction roxburghii* G.Don, *Gen. Hist.* 4: 263 (1837). – *Ipomoea roxburghii* (G.Don) Steud., *Nomencl. Bot.*, ed. 2, 1: 819 (1840), nom. illegit., non *I. roxburghii* Sweet (1826). – Type: [published illustration] 'Munda-valli', Rheede, *Hort. Malab.* 11: t. 50 (1692) (lectotype designated by Turner, *Taxon* 62: 157 [2013]).

Don based *Calonyction roxburghii* on *Ipomoea grandiflora* Roxb. He also cited *Ipomoea longiflora* Willd. but by implication omitted its nomenclatural type as he made the new combination *Quamoclit longiflora* based effectively on the same name and treated it as a different species in the same volume. Steudel's *Ipomoea roxburghii* can therefore be treated as a new combination based on *Calonyction roxburghii* G.Don, but it is a later homonym.

Ixora chinensis Lam., *Encycl.* 3: 344 (1789). – Type: *Anon. s.n.* [P. Sonnerat leg.?] (lectotype P-LA [IDC6207 LM-290/17, restricting choice to shoot mounted on right with label 'Ixora chinensis Lam. dict.'], designated by Fosberg & Sachet, *Baileya* 23(2): 77 [1989]).

Ixora stricta var. *roxburghiana* Kurz, *J. Asiat. Soc. Bengl., Pt 2, Nat. Hist.* 46: 148 (1877). – Type: not traced.

I have not traced any likely type material of Kurz's var. *roxburghii*. Fosberg and Sachet cited a type for *Ixora chinensis* Lam. in the Lamarck Herbarium without seeing it. As there is only one specimen in P-LA labelled with the name, I take this to be what Fosberg and Sachet cited and consider it to be the lectotype of Lamarck's name.

Ixora cuneifolia Roxb., *Fl. Ind.* 1: 390 (1820). – Type: [unpublished illustration] *Icones Roxburghianae* 1785 (lectotype K, designated here). [Figure 10](#).



Figure 10. The lectotype of *Ixora cuneifolia* Roxb. Icones Roxburghianae 1785 in the collection of the Royal Botanic Gardens, Kew. Reproduced with the permission of the Board of Trustees of the Royal Botanic Gardens, Kew.

Ixora cuneifolia var. *roxburghii* Kurz, J. Asiat. Soc. Bengl, Pt 2, Nat. Hist. 46: 150 (1877). – Type: [Calcutta Botanic Garden] *Anon. s.n.* [EIC 6140B] (lectotype K-W [K001123153], designated here).

Kurz's var. *roxburghii* was based on Wallich specimens, so a collection from the Calcutta Botanic Gardens is here selected as lectotype. A Roxburgh drawing is designated as lectotype of *Ixora cuneifolia* Roxb.

Ixora roxburghii Kuntze, Revis. Gen. Pl. 1: 286 (1891). – *Ixora villosa* Roxb., Fl. Ind. 1: 392 (1820). nom. illegit., non *I. villosa* (Vahl) Poir. (1813). – *Ixora balakrishnii* Deb & Rout, J. Bombay Nat. Hist. Soc. 89: 44 (1992), nom. illegit., superfl. – Type: [unpublished illustration] *Icones Roxburghianae* 2179 (lectotype K, designated by Turner, Ann. Bot. Fenn. 58: 206 [2021]).

Ixora roxburghii Kuntze is based on *Ixora villosa* Roxb., an illegitimate later homonym.

Jagera javanica (Blume) Kalkman, Blumea 7: 470 (1953). – *Garuga javanica* Blume, Bijdr. Fl. Ned. Ind. (17): 1165 (1826–1827). – *Jagera speciosa* Blume, Rumphia 3: 155 (1849), nom. illegit., superfl. – Type: Java, C.L. Blume *s.n.* (lectotype L [L0014301], designated here).

Sapindus serratus Roxb., Fl. Ind. 2: 284 (1832). – *Jagera roxburghii* Blume, Rumphia 3: 155 (1849), nom. illegit., superfl. – *Jagera serrata* (Roxb.) Radlk., Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München 8: 303 (1878). – Type: *W. Roxburgh s.n.* (lectotype BR [BR0000005415595], designated here).

Jagera roxburghii Blume is a superfluous name for *Sapindus serratus* Roxb. A specimen in BR is designated as lectotype for Roxburgh's name. Kalkman (1953) considered two sheets in L as one specimen and the type of *Jagera speciosa*. However, the sheets bear no annotations to indicate that they are one specimen, so one of them is here designated as lectotype.

Jasminum montanum Roth in Roemer & Schultes, Syst. Veg. 1: 80 (1817). – *Jasminum arborescens* var. *montanum* (Roth) C.B. Clarke in Hooker, Fl. Brit. India 3(9): 594 (1882). – Type: *W. Roxburgh s.n.* (neotype BM [BM000997666], designated by Turner, Taxon 70: 397 [2021]).

Jasminum roxburghianum Wall. ex Edgew., Trans. Linn. Soc. London 20(1): 82 (1846). – *Jasminum arborescens* var. *roxburghianum* (Wall. ex Edgew.) Haines, Bot. Bihar Orissa 525 (1925). – Type: N.W. India, Batuwah near Sadhaura, 1844, *M.P. Edgeworth s.n.* (lectotype K [K001129837], designated here).

Jasminum roxburghianum Wall. ex C.B. Clarke, Fl. Brit. India 3(9): 595 (1882). nom. illegit., non *J. roxburghianum* Wall. ex Edgew. (1846). – Type: India, Malabar, Bababoodun Hills, *Law s.n.* (lectotype K [K001129838], designated here).

It has been overlooked that Edgeworth was the first to validate Wallich's nomen nudum *Jasminum roxburghianum*. While Edgeworth cited Wallich's catalogue number, he also

referred to his own collection. Here I select a specimen of the latter as lectotype for *Jasminum roxburghianum*. Similarly for Clarke's later validation, I select a cited specimen annotated by Clarke.

Jatropha glandulifera Roxb., Fl. Ind. 3: 688 (1832). – *Adenoropium roxburghii* Kostel., Allg. Med.-Pharm. Fl. 5: 1750 (1836), nom. illegit., superfl. – Type: *W. Roxburgh s.n.* (lectotype BR [BR0000013052072], designated by Chakrabarty, Ann. Pl. Sci. 8(10): 3634 [2019]).

Kosteletzky's *Adenoropium roxburghii* is a superfluous renaming of *Jatropha glandulifera* Roxb.

Kadsura heteroclita (Roxb) Craib, Fl. Siam. 1: 28 (1925). – *Uvaria heteroclita* Roxb., Fl. Ind. 2: 663 (1832). – *Kadsura roxburghiana* Arn., Mag. Zool. & Bot. 2: 546 (1838), nom. illegit., superfl. – Type: *M.R. Smith s.n.* (lectotype BM [000050772(BM)], designated by Saunders, Fl. Males., ser. I, 13: 195 [1997]).

Kadsura roxburghiana Arn. is a superfluous renaming of *Uvaria heteroclita* Roxb.

Kaempferia angustifolia Roscoe, Trans. Linn. Soc. London 8: 351 (1807). – Type: not traced.

Kaempferia angustifolia Roxb., Fl. Ind. 1: 16–17 (1820), nom. illegit., non *K. angustifolia* Roscoe (1807). – *Kaempferia roxburghiana* Schult., Mant. 1: 33 (1822). – Type: [unpublished illustration] *Icones Roxburghianae* 1103 (lectotype K, designated here).

Kaempferia roxburghiana Schult. is a new name for the later homonym *Kaempferia angustifolia* Roxb.

Kamettia caryophyllata (Roxb.) Nicolson & Suresh, Taxon 35: 354 (1986). – *Echites caryophyllatus* Roxb., Hort. Bengal. 20 (1814), as 'coryophyllata'. – *Aganosma roxburghii* G. Don, Gen. Hist. 4: 77 (1837). – *Ichnocarpus roxburghii* (G. Don) Mottet, Dict. Prat. Hort. 2: 700 (1893–1894). – Type: [published illustration] 'Kametti-valli', Rheede, Hort. Malab. 9: t. 14 (1689) (lectotype designated by Turner, Taxon 62: 156 [2013]).

Aganosma roxburghii G. Don is a replacement name in *Aganosma* for *Echites caryophyllatus* Roxb. The name is legitimate because Don used *Aganosma caryophyllata* for another species in the same publication.

Kirganelia castica (P. Willemet) R. W. Bouman, Phytotaxa 540: 18 (2022). – *Phyllanthus casticum* P. Willemet, Ann. Bot. (Usteri) 18: 55 (1796). – Type: Île Maurice, xii 1847, L.H. Boivin 1960 (neotype P [P00121748], designated by Friedmann, Fl. Seychelles: Dicot. 363 [1994]).

Phyllanthus casticum var. *roxburghianus* Müll. Arg., Prodr. 15(2): 348 (1866). – Type: Inde, *W. Roxburgh s.n.* (lectotype G-DC [G0035273], designated here; possible isolectotype G-DC [G0035274]).

Müller Argentius based *Phyllanthus casticum* var. *roxburghianus* on Roxburgh material in de Candolle's herbarium. One of the two specimens in G-DC is here selected as lectotype.

Knoxia roxburghii (Spreng.) M.A.Rau, Bull. Bot. Surv. India 10(Suppl. 2): 40 (1969). – *Spermacoce laevis* Roxb., Fl. Ind. 1: 374–375 (1820), nom. illegit., non *S. laevis* Lam. (1791). – *Spermacoce roxburghii* Spreng., Syst. Veg. 1: 404 (1824). – *Spermacoce roxburghiana* Schult., Mant. 3: 199 (1827), nom. illegit., superfl. – Type: [unpublished illustration] Icones Roxburghianae 2032 (lectotype CAL, designated by Bhattacharjee & Deb, J. Econ. Taxon. Bot. 6(1): 84 [1985]).

Spermacoce roxburghii Spreng. is a nomen novum for Roxburgh's later homonym *Spermacoce laevis*.

Kopsia fruticosa (Roxb.) A.DC. in DC., Prodr. 8: 352 (1844). – *Cerbera fruticosa* Roxb. in Ker-Gawl., Bot. Reg. 5: t. 391 (1819). – *Calpicarpum roxburghii* G.Don, Gen. Hist. 4: 100 (1837), nom. illegit., superfl. – *Kopsia roxburghii* Wehmer, Pfl.-Stoffe 625 (1911), nom. illegit., superfl. – Type: [unpublished illustration] Icones Roxburghianae 2200 (lectotype K, designated by Middleton, Harvard Pap. Bot. 9: 107 [2004]).

Calpicarpum roxburghii G.Don is a superfluous renaming of *Cerbera fruticosa* Roxb.

Kydia calycina Roxb., Pl. Coromandel 3: 11, t. 215 (1811). – Type: [published illustration] 'Kydia calycina', Roxburgh, Pl. Coromandel 3: t. 215 (1811) (lectotype designated by Abedin in Nasir & Ali, Fl. W. Pakistan 130: 28 [1979]).

Kydia roxburghiana Wight, Icon. Pl. Ind. Orient. 3(2): 7, t. 881 (1844–1845). – *Hibiscus roxburghianus* (Wight) Mabb., Mabblerley's Pl.-Book 1101 (2017). – Type: India, Neilgherries, *R. Wight s.n.* (lectotype K [K000659557], designated by Mabberley, Mabberley's Pl.-Book 1101 [2017]).

Laphangium luteoalbum (L.) Tzvelev, Byull. Moskovsk. Obschch. Isp. Prir., Otd. Biol. 98(6): 105 (1994). – *Gnaphalium luteoalbum* L., Sp. Pl. 2: 851 (1753), as 'luteo-album'. – *Helichrysum luteoalbum* (L.) Rchb., Handb. Gewächsk., ed. 2, 2: 1460 (1829). – *Pseudognaphalium luteoalbum* (L.) Hilliard & B.L.Burt, Bot. J. Linn. Soc. 82: 206 (1981). – Type: *A. van Royen s.n.* (lectotype L [L0053092], designated by Hilliard & Burt, Bot. J. Linn. Soc. 82: 206, 244 [1981]).

Gnaphalium alboluteum Roxb., Fl. Ind. 3: 425 (1832), as "albo-luteum". – *Gnaphalium roxburghianum* Voigt, Hort. Suburb. Calcutt. 421 (1845), nom. illegit., superfl. – Type: [unpublished illustration] Icones Roxburghianae 1171 (lectotype K, designated here).

Gnaphalium roxburghianum Voigt is a superfluous renaming of *Gnaphalium alboluteum* Roxb.

Lasia spinosa (L.) Thwaites, Enum. Pl. Zeyl. 336 (1864). – *Dracontium spinosum* L., Sp. Pl. 2: 967 (1753). – Type: [unpublished illustration] Herb. Hermann 5: 29, No. 328 (lectotype

BM [BM000621064], designated by Nicolson in Dassanayake & Fosberg, Rev. Handb. Fl. Ceylon 6: 35 [1987]).

Lasia aculeata Lour., Fl. Cochinch.: 81 (1790). – *Pothos lasia* Roxb., Fl. Ind. 1: 458 (1820), nom. illegit., superfl. – Type: Cochinchina, *J. de Loureiro s.n.* (lectotype BM [BM000958556], designated by Merrill, Trans. Amer. Phil. Soc. 24: 97 [1935]).

Lasia roxburghii Griff., Not. Pl. Asiat. 3: 155 (1851). – Type: not designated.

There seems little doubt that Griffith's *Lasia roxburghii* represents a synonym of *Lasia spinosa* (L.) Thwaites. However, none of the Griffith *Lasia* specimens I have seen is annotated with the name by Griffith, so I refrain from making a typification here.

Lasianthus hirsutus (Roxb.) Merr., J. Arnold Arbor. 33: 229 (1952). – *Triosteum hirsutum* Roxb., Fl. Ind. 2: 180 (1824). – *Mephitidia roxburghii* Wight & Arn., Prodr. Fl. Ind. Orient. 1: 390 (1834), nom. illegit., superfl. – *Lasianthus roxburghii* Wight, Calcutta J. Nat. Hist. 6: 501 (1845), nom. illegit., superfl. – Type: Chittagong, *Anon.* 139 (lectotype BM [BM000848507], designated at the first step by Merrill, J. Arnold Arbor. 33: 230 [1952], and at the second step by Turner, Gard. Bull. Singapore 71: 50 [2019]).

Mephitidia roxburghii Wight & Arn. is a superfluous renaming of *Triosteum hirsutum* Roxb.

Leucosyke capitellata (Poir.) Wedd., Prodr. 16(1): 235 (1869). – *Urtica capitellata* Poir. in Lamarck, Encycl., Suppl. 4: 227 (1816). – Type: Java, *Labillardière s.n.* (lectotype P [P06457237], designated here; possible isolectotype FI [FL065421]).

Urtica roxburghii Steud., Nomencl. Bot., ed. 2, 2: 736 (1841). – Type: *W. Roxburgh s.n.* [EIC 4614] (lectotype K-W [K001039473], designated here).

Steudel published *Urtica roxburghii* based on 'U. pubescens. Roxb. Wall. cat.' This clearly refers to entry 4614 in Wallich's Catalogue, which states 'Urtica pubescens Hb. Roxb.' But there is a later correction (in a series of additions and corrections after entry 6294, published in 1832) of the species name to 'Urtica frutescens'. Roxburgh's description of *Urtica frutescens* Thunb. was published in the 1832 edition of *Flora Indica*. As Steudel treated *Urtica frutescens* Thunb. as a separate species, *Urtica roxburghii* Steud. can be taken as a name validated by Roxburgh's description excluding Thunberg's nomenclatural type. The Roxburgh specimen under 4614 bears a ticket in Roxburgh's hand with the name *Urtica frutescens*. It has been determined as *Leucosyke capitellata*, which seems correct. *Urtica roxburghii* Steud. is therefore considered a synonym of *Leucosyke capitellata*.

In the protologue of *Urtica capitellata*, Poiret referred to a Labillardière collection from Java that he had seen in the herbarium of Desfontaines. Desfontaines's personal herbarium is a part of Herb. Webbianum in Florence. There is a specimen in FI indicated as coming from Herb. Labillardière, but it is not labelled with Poiret's name, the collecting locality, or an indication that it was definitely in Desfontaines's herbarium. Paris has a small specimen from Poiret's personal herbarium that has an original ticket with labels including 'Urtica

capitellata' and 'Labill. Java'. I therefore select the P specimen as lectotype and consider the FI specimen as a possible isolectotype.

Ligustrum lucidum W.T.Aiton, Hortus Kew. 1: 19 (1810). – Type: Hort. Kew, 1806, *Anon. s.n.* (lectotype BM, designated here, restricting choice to the shoot bearing two inflorescences mounted centrally). **Figure 11.**

Phillyrea paniculata Roxb., Fl. Ind. 1: 100–101 (1820). – *Ligustrum roxburghii* Blume, Mus. Bot. 1(20): 315 (1851), nom. illegit., superfl. – *Ligustrum japonicum* var. *roxburghii* Dippel, Handb. Laubholz. 1: 128 (1889). – Type: [unpublished illustration] Icones Roxburghianae 1309 (lectotype K, designated here).

Ligustrum roxburghii Blume is a superfluous renaming of *Phillyrea paniculata* Roxb. A sheet in BM is indicated by annotations on the reverse to bear specimens from Kew Gardens and from William Roxburgh in the Calcutta Gardens. The numbers on the sheet at the base of two portions of material indicate the Kew collection, and to avoid further complications the large central flowering shoot labelled '1' is here selected as lectotype of *Ligustrum lucidum* W.T.Aiton.

Ligustrum robustum subsp. **perrottetii** (A.DC.) de Juana, *Bouteloua* 24: 152 (2016). – *Ligustrum perrottetii* A.DC. in de Candolle, *Prodr.* 8: 294 (1844). – Type: 1840, *Perrottet s.n.* (holotype G-DC [G00143205]).

Ligustrum candolleanum Blume, Mus. Bot. 1(20): 315 (1851). – *Ligustrum roxburghii* C.B.Clarke in Hooker, Fl. Brit. India 3(9): 615 (1882), nom. illegit., superfl., non *L. roxburghii* Blume (1851). – Type: India, Dindygul, *R. Wight s.n.* [EIC 2816E] (lectotype L [L.2678071], designated by Green, Kew Bull. 45: 693 [1990]; isolectotypes E [E00288503], K [K000979259, K000979260], K-W [K001117177], S [S09-37368, S09-37377]).

Ligustrum roxburghii C.B.Clarke is illegitimate both as a superfluous renaming of *L. candolleanum* A.DC. and as a later homonym. Ramamoorthy (1976) and Raizada & Saxena (1978) attempted to provide new names for *Ligustrum roxburghii* C.B.Clarke, although this is unnecessary. However, *Phillyrea robusta* Roxb. was cited as a synonym of both *Ligustrum gamblei* Ramamoorthy and *Ligustrum minii* Raizada & H.O.Saxena, making both superfluous and illegitimate (ICN Article 52; Turland *et al.*, 2018). Although in both cases *Ligustrum roxburghii* C.B.Clarke was the first cited synonym after the nomen novum, it is not clear that the authors were definitely designating or indicating a different type from that of *Phillyrea robusta* Roxb. (ICN Article 7.5; Turland *et al.*, 2018). A citation of *Ligustrum robustum* (Roxb.) Blume, with homotypic synonyms is given below.

Ligustrum robustum (Roxb.) Blume, Mus. Bot. 1: 313 (1851). – *Phillyrea robusta* Roxb., Fl. Ind. 1: 101 (1820). – *Ligustrum gamblei* Ramamoorthy in Saldanha & Nicolson, Fl. Hassan Distr. 513 (1976), nom. illegit., superfl. – *Ligustrum minii* Raizada & H.O.Saxena, Fl. Mussoorie 1: 425 (1978), nom. illegit., superfl. – Type: [unpublished illustration] Icones Roxburghianae 2164 (lectotype K, designated by Green, Kew Bull. 58: 267 [2003]).



Figure 11. Sheet bearing the lectotype of *Ligustrum lucidum* W.T.Aiton from the herbarium of the Natural History Museum (BM). Inset top centre: annotations from back of sheet. © Natural History Museum, London.

Limnophila heterophylla (Roxb.) Benth., Scroph. Ind.: 25 (1835). – *Columnnea heterophylla* Roxb., Fl. Ind. 3: 97 (1832). – Type: Bengal, *W. Roxburgh s.n.* (lectotype BM [BM000997901], designated by Philcox, Kew Bull. 24: 125 [1970]).

Capraria gratissima Roxb., Fl. Ind. 3: 92 (1832). – *Limnophila roxburghii* G.Don, Gen. Hist. 4: 543 (1837). – Type: [unpublished illustration] Icones Roxburghianae 319 (lectotype K, designated by Philcox, Kew Bull. 24: 125 [1970]).

Limnophila roxburghii G.Don is a new name in *Limnophila* for *Capraria gratissima* Roxb., as *Limnophila gratissima* Blume blocked the transfer of names.

Litsea glutinosa (Lour.) C.B.Rob., Philipp. J. Sci., C 6: 321 (1911). – *Sebifera glutinosa* Lour., Fl. Cochinch. 2: 638 (1790). – Type: Cochinchina, *J. de Loureiro s.n.* (lectotype BM [BM000951058], designated by Hyland, Austral. Syst. Bot. 2: 261 [1989]).

Laurus involucrata Retz., Observ. Bot. 6: 27 (1791). – *Tetranthera roxburghii* Nees, Pl. Asiat. Rar. 2: 65 (1831), nom. illegit., superfl. – *Tetranthera laurifolia* var. *roxburghii* Blume, Mus. Bot. 1(24): 374 (1851). – *Litsea sebifera* var. *roxburghii* (Blume) Meisn. ex Trimen, Syst. Cat. Fl. Pl. Ceylon 76 (1885). – *Litsea laurifolia* var. *roxburghii* (Blume) Cordem., Fl. Réunion 304 (1895). – Type: *J.G. Koenig s.n.* (lectotype LD [LD1744103], designated by Fischer, Bull. Misc. Inform. Kew 1932: 65 [1932]).

Nees's *Tetranthera roxburghii* represents a superfluous renaming of *Laurus involucrata* Retz.

Litsea robusta Blume, Bijdr. Fl. Ned. Ind. (11): 560 (1826). – Type: Java, Salak, *C.L. Blume s.n.* (lectotype U [U0002841], designated by de Kok, Gard. Bull. Singapore 73: 160 [2021], isolectotype BO [sheet no. BO-1278382]).

Litsea sebifera auct. non Pers.: Blume, Bijdr. Fl. Ned. Ind. (11): 560 (1826). – *Litsea roxburghii* Hassk. ex Backer, Bekn. Fl. Java IIIa (Fam. 27): 20 (1941). – Type: Java, *C.L. Blume s.n.* (lectotype L [L0925555], designated here).

Backer provided *Litsea roxburghii* as a substitute name for Blume's misapplied *Litsea sebifera*. A Blume specimen in L, apparently annotated by Blume with his name, is here selected as lectotype.

Lobelia chinensis Lour., Fl. Cochinch.: 514 (1790). – Type: Hong Kong, *Lamont 403A* (neotype L [L0585148], designated by de Wilde & Duyfjes, Thai For. Bull., Bot. 40: 43 [2012]).

Pratia radicans G.Don, Gen. Hist. 3: 700 (1834). – *Isolobus roxburghianus* A.DC., Prodr. 7(2): 353 (1839). – *Lobelia roxburghianus* (A.DC.) Heynh., Nom. Bot. Hort. 1: 471 (1840). – Type: [unpublished illustration] Icones Roxburghianae 2451 (lectotype K, designated here).

George Don considered the plant Roxburgh described under the name *Lobelia radicans* Thunb. to be a different plant from that described by Thunberg and named it *Pratia radicans*. Alphonse de Candolle renamed this as *Isolobus roxburghianus* A.DC., as he used 'radicans'

for the Thunberg element. As no Roxburgh herbarium material has been located, Roxburgh's drawing is here selected as lectotype.

Macaranga involucrata (Roxb.) Baill. ex Müll.Arg. in Candolle, Prodr. 15(2): 1011 (1866). – *Urtica involucrata* Roxb., Fl. Ind. 3: 592 (1832), nom. cons. prop. [non *U. involucrata* Sims (1824)] – *Urtica involuta* Steud., Nomencl. Bot., ed. 2, 2: 735 (1841). – *Macaranga williamroxburghii* Chakrab., Ann. Pl. Sci. 8: 3645 (2019), nom. illegit., superfl. – Type: *W. Roxburgh s.n.* (BM [BM000645881]).

Macaranga williamroxburghii Chakrab. is a superfluous renaming of *Urtica involucrata* Roxb., as Steudel's earlier replacement name, *Urtica involuta*, could legitimately be transferred to *Macaranga*. A proposal to conserve *Urtica involucrata* Roxb., and hence maintain *Macaranga involucrata* as the correct name, has been published (Turner, 2021b).

Macaranga peltata (Roxb.) Müll.Arg., Prodr. 15(2.2): 1010 (1866). – *Osyris peltata* Roxb., Fl. Ind. 3: 755–756 (1832). – *Macaranga roxburghii* Wall., J. Agric. Soc. India 1: 14 (1842), nom. illegit., superfl. – *Tanarius peltatus* (Roxb.) Kuntze, Revis. Gen. Pl. 2: 620 (1891). – *Tanarius roxburghii* Kuntze, Revis. Gen. Pl. 2: 620 (1891), nom. illegit., superfl. – Type: India, *W. Roxburgh* 125 (lectotype BR [BR0000008494009], designated at the first step by Whitmore, Genus *Macaranga* 203 [2008], and at the second step by Chakrabarty, Ann. Pl. Sci. 8(10): 3635 [2019]; possible isolectotypes BR [BR0000008493989, BR0000008493996, BR0000008494016]).

Macaranga roxburghii Wall. is a superfluous renaming of *Osyris peltata* Roxb.

Magnolia pterocarpa Roxb., Pl. Coromandel 3: 62–63, t. 266 (1820). – *Liriodendron indicum* Spreng., Syst. Veg., ed. 16, 2: 642 (1825), nom. illegit., superfl. – Type: *W. Roxburgh s.n.* (lectotype BM [000574745(BM)], designated here).

Talauma roxburghii G. Don, Gen. Hist. 1: 85 (1831). – Type: India, Hortus Botanicus Calcuttensis, *N. Wallich s.n.* [EIC 975.2] (lectotype K [K000681437], designated here).

Liriodendron grandiflorum Roxb., Fl. Ind. 2: 653 (1832). – *Lirianthe grandiflora* (Roxb.) Spach, Hist. Nat. Vég 7: 485 (1838). – *Magnolia sphenocarpa* Wall. ex Steud., Nomencl. Bot., ed. 2, 2: 55, 90 (1841). – Type: *W. Roxburgh s.n.* (lectotype BM [000574745(BM)], designated here).

As the descriptions are almost identical, it is clear that *Magnolia pterocarpa* Roxb. and *Liriodendron grandiflorum* Roxb. apply to the same species. Presumably Robert Brown changed Roxburgh's name in the process of editing the *Plants of the Coast of Coromandel*. A Roxburgh specimen in BM is here designated lectotype of both names. George Don's *Talauma roxburghii* clearly refers to the same species as well. There is a specimen in K labelled with Don's name, although I think not in his hand. But Don may have seen it, and as there are no other specimens obviously representing original material, it is here designated as lectotype of Don's name.

Mallotus roxburghianus Müll.Arg., *Linnaea* 34: 186 (1865). – *Rottlera peltata* Roxb., *Fl. Ind.* 3: 828 (1832). – Type: *W. Roxburgh s.n.* (lectotype BM [BM000951480], designated by Chakrabarty, *Ann. Pl. Sci.* 8(10): 3643 [2019]).

Müller Argentius renamed *Rottlera peltata* Roxb. as *Mallotus roxburghianus* Müll.Arg. This name is legitimate because Müller Argentius used *Mallotus peltatus* for a different species in the same publication.

Manilkara roxburghiana (Wight) Dubard, *Ann. Mus. Colon. Marseille Sér.* 3, 3: 10 (1915). – *Mimusops roxburghiana* Wight, *Icon. Pl. Ind. Orient.* 4(4): 13, t. 1588 (1850). – *Kaukenia roxburghiana* (Wight) Kuntze, *Revis. Gen. Pl.* 2: 406 (1891). – Type: India, Ayamallay, iii 1849, *R. Wight s.n.* [Kew Distribution no. 1740] (lectotype K [K000229513], restricting choice to the flowering shoot mounted centre left, designated at the first step by Van Royen, *Blumea* 7: 409 [1953], and at the second step here).

As noted by Noltie (2005), there is a sheet in K bearing two original tickets. One stating 'Iamalay May 1848' and the other 'Ayamallay March 1849', making it seem likely that the sheet bears material from more than one gathering. Van Royen (1953) did not explicitly state whether he was accepting all the material on the sheet as type, so a second step is made here to restrict the type to one of the flowering shoots on the sheet. As the protologue states that the species flowers in March to April, I assume the selected type corresponds to the March 1849 collection. Armstrong (2013) first proposed the narrowing of the lectotype selection to one flowering shoot on the sheet, but as no 'hic designatus' or equivalent was stated in the second-step typification, it was not effective.

Melicope lunu-ankenda (Gaertn.) T.Hartley, *Sandakania* 4: 61 (1994). – *Fagara lunu-ankenda* Gaertn., *Fruct. Sem. Pl.* 1: 334, t. 68, f. 9 (1788). – Type: Ceylon, *J.G. Koenig s.n.* (lectotype L [carpological collection], designated by Hartley, *Sandakania* 4: 61 [1994]).

Fagara triphylla Roxb., *Fl. Ind.* 1: 436 (1820), nom. illegit., non *F. triphylla* Lam. (1788), nec *F. triphylla* Lour. (1790). – *Zanthoxylum roxburghianum* Cham., *Linnaea* 5: 58 (1830). – *Euodia roxburghiana* (Cham.) Benth., *Fl. Hongk.* 59 (1861). – *Ampacus roxburghiana* (Cham.) Kuntze, *Revis. Gen. Pl.* 1: 98 (1891). – *Euodia leptota* var. *roxburghiana* (Cham.) M.Hiroe, *Forest Pl. Hist. Jap. Islands* 1: 191 (1974). – Type: [unpublished illustration] *Icones Roxburghianae* 2034 (lectotype K, designated here).

Zanthoxylum roxburghianum Cham. is a nomen novum for Roxburgh's later homonym *Fagara triphylla*. As no Roxburgh herbarium material has been located for this name, Roxburgh's drawing is here designated as lectotype.

Mesua ferrea L., *Sp. Pl.* 1: 515 (1753). – Type: *Herb. Hermann* 1: 38, No. 203 (lectotype BM [BM000621364], designated by Maheshwari, *Bull. Bot. Surv. India* 5: 337 [1963]).

Mesua roxburghii Wight, Ill. Ind. Bot. 1: 127 (1838). – Type: *R. Wight s.n.* (lectotype K [K000677299], designated here).

Wight's *Mesua roxburghii* was based in part on Roxburgh's description of *Mesua ferrea* L. but also other material available to Wight. A Wight specimen in K is here designated as lectotype.

Micropera pallida Lindl., Edward's Bot. Reg. 18: sub t. 1522 (1832). – *Sarcochilus roxburghii* Hook.f., Fl. Brit. India 6(17): 36 (1890). – Type: [unpublished illustration] Icones Roxburghianae 2349 (lectotype K, designated by Seidenfaden, Opera Bot. 95: 123 [1988]).
Aerides pallida Roxb., Fl. Ind. 3: 475 (1832), as *pallidum*. – Type: [unpublished illustration] Icones Roxburghianae 2349 (lectotype K, designated by Seidenfaden, Opera Bot. 95: 123 [1988]).

Sarcochilus roxburghii Hook.f. is a replacement name in *Sarcochilus* for *Micropera pallida* Lindl. because the direct transfer was blocked by *Sarcochilus pallidus* (Blume) Rchb.f. Seidenfaden surmised that Lindley's description was based solely on Roxburgh's drawing, but Lindley wrote 'Among the collections of Dr Wallich are the following new genera', indicating that he had seen specimens.

Miliusa dioeca (Roxb.) Chaowasku, Willdenowia 43: 104 (2013). – *Uvaria dioeca* Roxb., Fl. Ind. 2: 659 (1832) [14 i 1832]. – *Hyalostemma roxburghianum* Wall., Numer. List. n. 6434 (1832), nom. illegit., superfl. – *Miliusa roxburghiana* Hook.f. & Thomson, Fl. Ind. 1: 150 (1855), nom. illegit., superfl. – Type: *W. Roxburgh s.n.* (lectotype BM [BM000595529], designated by Chaowasku, Willdenowia 43: 104 [2013]).

Hyalostemma roxburghianum Wall. is a superfluous name for *Uvaria dioeca* Roxb.

Mischocarpus pentapetalus (Roxb.) Radlk., Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München 9: 646 (1879). – *Schleichera pentapetala* Roxb., Fl. Ind. 2: 275 (1832). – *Cupania roxburghii* Wight, Icon. Pl. Ind. Orient. 2: 8 (1840), nom. illegit., superfl. – *Cupania pentapetala* (Roxb.) Wight, Icon. Pl. Ind. Orient. 2: t. 402 (1840), as '*pentaphylla*'. – Type: 1811, *W. Roxburgh* 3041 (lectotype BM [BM000884193], designated by van der Ham, Blumea 23: 271 [1976]).

Cupania roxburghii represents a superfluous renaming of *Schleichera pentapetala*.

Momordica charantia L., Sp. Pl. 2: 1009 (1753). – Type: Herb. Clifford 451, *Momordica* 2 (lectotype BM [BM000647445], designated by Jeffrey in Milne-Redhead & Polhill, Fl. Trop. E. Africa, Cucurbitaceae 31 [1967]).

Momordica muricata Willd., Sp. Pl., ed. 4, 4(1): 602 (1805). – *Momordica charantia* var. *muricata* (Willd.) Griseb., Fl. Brit. W.I. 287 (1860). – Type: [published illustration] 'Pandipavel', Rheede, Hort. Malab. 8: t. 10 (lectotype designated by Chakaravarty, Fasc. Fl. India 11: 92 [1982]).

Momordica roxburghiana G.Don, Gen. Hist. 3: 35 (1834). – Type: India, Patna, 16 iv 1812, *F. Buchanan-Hamilton s.n.* [EIC 6745B p.p.] (lectotype K-W [K001124716], designated here, including material labelled ‘1’ in pencil only).

George Don based *Momordica roxburghiana* on Roxburgh’s description of *Momordica muricata* Willd. Don was not explicit on specimens, but he mentioned Patna as a locality and there is a collection made by Buchanan-Hamilton from there. I therefore select this a lectotype for Don’s name.

Mussaenda roxburghii Hook.f., Fl. Brit. India 3(7): 87 (1880). – Type: Sylhet, ix 1828, *W. Gomez & F. De Silva* 65 [EIC 6252C] (lectotype K-W [K000677299], designated by Jayaweera, J. Arnold Arbor. 44: 253 [1963]).

Mussaenda roxburghii Hook.f. is the accepted name of the species.

Nauclea orientalis (L.) L., Sp. Pl., ed. 2, 1: 243 (1762). – *Cephalanthus orientalis* L., Sp. Pl. 1: 95 (1753). – Type: [unpublished illustration] Herb. Hermann 5: 338, No. 53 (lectotype BM, designated by Merrill, J. Washington Acad. Sci. 5: 533 [1915]).

Nauclea roxburghii G.Don, Gen. Hist. 3: 469 (1834). – Type: *W. Roxburgh s.n.* [EIC 6090D] (lectotype K-W [K001122991], designated by Ridsdale, Blumea 26: 328 [1978]).

Nauclea roxburghii G.Don is considered a synonym of *Nauclea orientalis* (L.) L.

Nechamandra alternifolia (Roxb. ex Wight) Thwaites, Enum. Pl. Zeyl. 332 (1864). – *Vallisneria alternifolia* Roxb. ex Wight, Bot. Misc. 2: 344, t. 11 (1831). – *Nechamandra roxburghii* Planch., Ann. Sci. Nat., Bot., Sér. 3, 11: 78 (1849), as ‘Roxburgii’, nom. illegit., superfl. – *Lagarosiphon roxburghii* Benth., Gen. Pl. 3(2): 451 (1883), nom. illegit., superfl. – Type: [unpublished illustration] Icones Roxburghianae 996 (lectotype K, designated by Cook & Lüönd, Aquatic Bot. 13: 506 [1982]).

Planchon’s *Nechamandra roxburghii* is a superfluous renaming of *Vallisneria alternifolia* Roxb. ex Wight.

Nitella furcata f. *roxburghii* (A.Braun) R.D.Wood in Wood & Imahori, Rev. Charac. 482 (1965). – *Nitella roxburghii* A.Braun, Hooker’s J. Bot. Kew Gard. Misc. 1: 293 (1849). – *Nitella polyglochis* var. *roxburghii* (A.Braun) A.Braun in Braun & Nordstedt, Abh. Königl. Akad. Wiss. Berlin 1882: 73 (1882). – *Nitella furcata* var. *roxburghii* (A.Braun) Zaneveld, Blumea 4: 92 (1940). – Type: India, on the coast of Coromandel near Madras, *R. Wight* 135 (syntype); *R. Wight* 136 (syntype).

Braun named this Indian stonewort after Roxburgh.

Nymphanthus roxburghii R.W.Bouman, Phytotaxa 540: 23 (2022). – *Phyllanthus tetrandrus* Roxb., Fl. Ind. 3: 674 (1832). – *Epistylum roxburghii* Baill., Étude Euphorb. 648 (1858), nom. illegit., superfl. – *Phyllanthus roxburghianus* Müll.Arg., Linnaea 32(1): 47 (1863),

nom. illegit., superfl. – *Diasperus roxburghii* Kuntze, Revis. Gen. Pl. 2: 600 (1891). – Type: [unpublished illustration] Icones Roxburghianae 2396 (lectotype CAL, designated by Chakrabarty & Balakrishnan, Indo-Burmese Phyllanthaceae 295 [2018]).

Baillon and Müller Argentinus both published superfluous names for *Phyllanthus tetrandrus* Roxb. honouring Roxburgh. Kuntze's *Diasperus roxburghii* is not superfluous, as he used *D. tetrandrus* for another species. Bouman published *Nymphanthus roxburghii* as a nomen novum for *Phyllanthus tetrandrus* Roxb.

Oncinema lineare (L.f.) Bullock, Kew Bull. 17: 184 (1963). – *Apocynum lineare* L.f., Suppl. Pl. 16 (1782). – Type: e cap. b. Spei, *C.P. Thunberg s.n.* (lectotype UPS-Thunb. [6202], designated here).

Oncinema roxburghii Arn., Edinburgh New Philos. J. 17: 261 (1834). – Type: non designatus.

In describing *Oncinema roxburghii*, Arnott referred to a Roxburgh collection in Herb. Wight and one by Ward. Searches and enquiries have failed to locate original material in BM, E or K. A specimen from Thunberg's herbarium is selected as lectotype of *Apocynum lineare* L.f.

Ophiorrhiza roxburghiana Wight, Icon. Pl. Ind. Orient. 3(4): 4, t. 1068 (1846). – Type: India, Shevagherry, viii 1836, *R. Wight s.n.* (lectotype K [K000031168], designated here).

Robert Wight named this species to honour Roxburgh. Noltie (2005) referred to two possible types in K. The one bearing a date is designated as lectotype here. Someone has overwritten the date on the sheet and appears to have changed the final six in the year to a five.

Opuntia ficus-indica (L.) Mill., Gard. Dict. (ed. 8): Opuntia No. 2 (1768). – *Cactus ficus-indica* L., Sp. Pl. 1: 468 (1753). – Type: *Anon. s.n.* (neotype S [Herb. Linn. No. 201.7], designated by Leuenberger, Taxon 40: 624 [1991]).

Cactus chinensis Roxb., Fl. Ind. 2: 476 (1832). – *Opuntia roxburghiana* Voigt, Hort. Suburb. Calcutt. 62 (1845), nom. illegit., superfl. – *Opuntia chinensis* (Roxb.) K.Koch, Hort. Dendrol. 279, No. 6 (1854). – Type: [unpublished illustration] Icones Roxburghianae 2134 (lectotype K, designated here).

Voigt renamed *Cactus chinensis* Roxb. as *Opuntia roxburghiana*, but this is illegitimate. Roxburgh's drawing is here designated as lectotype for Roxburgh's name.

Oropetium roxburghianum (Schult.) S.M.Phillips, Kew Bull. 30: 469 (1975). – *Rottboellia biflora* Roxb., Fl. Ind. 1: 357–358 (1820), nom. illegit., non *R. biflora* Roth (1802). – *Rottboellia roxburghiana* Schult. in Roemer & Schultes, Mant. 2: 430 (1824). – *Lepturus roxburghianus* (Schult.) Steud., Syn. Pl. Glumac. 1: 357 (1854). – *Tripogon roxburghianus* (Schult.) Bhide, J. Proc. Asiat. Soc. Bengal 7: 515 (1912) [1911]. – Type: [unpublished illustration] Icones Roxburghianae 2112 (lectotype K, designated here). [Figure 12](#).

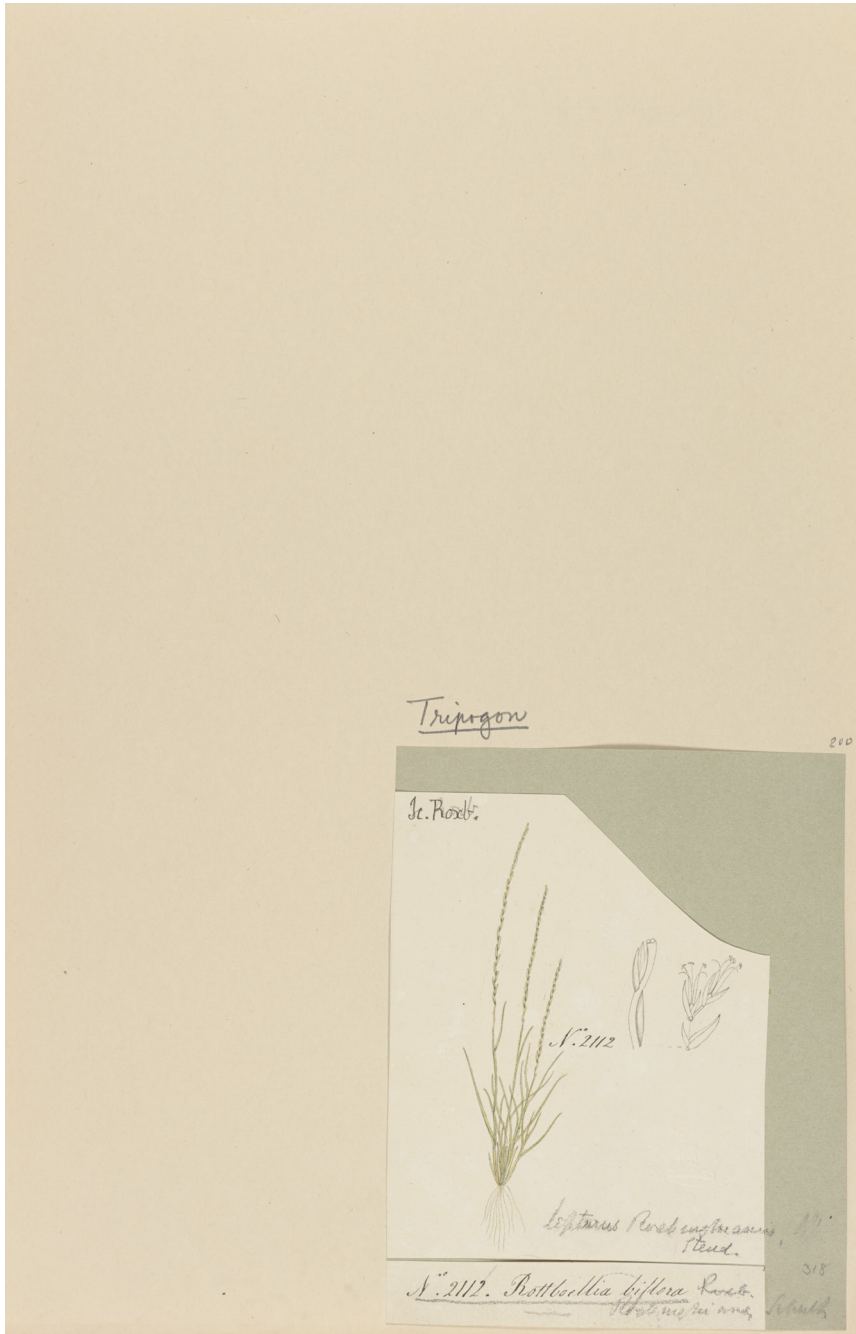


Figure 12. The lectotype of *Rottboellia biflora* Roxb., and hence *Oropetium roxburghianum* (Schult.) S.M.Phillips. Icones Roxburghianae 2112 in the collection of the Royal Botanic Gardens, Kew. Reproduced with the permission of the Board of Trustees of the Royal Botanic Gardens, Kew.

Schultes proposed *Rottboellia roxburghiana* as a new name for Roxburgh's later homonym *Rottboellia biflora*. As no specimens have been located, Roxburgh's drawing is here designated as lectotype.

Oxyceros kunstleri (King & Gamble) Tirveng., Nordic J. Bot. 3: 466 (1983). – *Randia kunstleri* King & Gamble, J. Asiat. Soc. Bengal, Pt 2, Nat. Hist. 72: 216 (1904). – Type: Silhet, N. Wallich s.n. [EIC 8284C] (lectotype K [K000031454], designated here).

Randia roxburghii Ridl., J. Straits Branch Roy. Asiat. Soc. 79: 80 (1918). – Type: Singapore, ix 1822, N. Wallich 54 [EIC 8284D] (lectotype K-W [K001125142], designated by Turner *et al.*, Gard. Bull. Singapore 70: 373 [2018]).

Randia roxburghii Ridl. is a synonym of *Oxyceros kunstleri* (King & Gamble) Tirveng. Ridsdale (2007) proposed the specimen under number 8284C in K-W as the lectotype. But as 'hic designatus' or an equivalent was not included, this is not an effective designation. Here I select the specimen formerly in William Hooker's herbarium now in K as the lectotype.

Pachygone laurifolia (DC.) L.Lian & Wei Wang, Molec. Phylogen. Ecol. 148(106825): 8 (2020). – *Cocculus laurifolius* DC., Syst. Nat. 1: 530 (1817). – Type: Inde, W. Roxburgh s.n. (lectotype G-DC [G00201635] [two sheets], designated here).

Smilax roxburghiana Wall. ex A.DC., Mém. Soc. Phys. Genève 7: 314 (1836). – Type: Switzerland, Genève, Jard. de M. Saladin, vii 1834, Anon. s.n. (lectotype G [G00413462], designated here).

Alphonse de Candolle described *Smilax roxburghiana* largely based on plants in cultivation in Geneva. More than 40 years later, he (Candolle, 1878) noted that this species was not *Smilax* but the menisperm *Cocculus laurifolius* DC. (recently transferred to *Pachygone*).

Paederia erecta Roxb., Fl. Ind. 2: 519 (1824), nom. illegit., non *P. erecta* Spreng. (1822). – *Paederia roxburghii* Spreng., Syst. Veg. 4(2, Cur. Post.): 70 (1827). – Type: [unpublished illustration] Icones Roxburghianae 2196 (lectotype K, designated here). [Figure 13](#).

Sprengel's *Paederia roxburghii* was published as a replacement for Roxburgh's later homonym *Paederia erecta*. Roxburgh's drawing seems to be the only extant original material for the name and is here designated as lectotype. The identity of the species remains uncertain.

Panicum curviflorum Hornem., Hort. Bot. Hafn., Suppl. 116 (1819). – Type: non designatus. *Panicum tenellum* Roxb., Fl. Ind. 1: 309 (1820), nom. illegit., non *P. tenellum* Lam. (1791). – *Panicum trypheron* Schult., Mant. 2: 244 (1824) [Schult. before Spreng.]. – *Panicum roxburghii* Spreng., Syst. Veg. 1: 320 (1824), nom. illegit., superfl. – Type: [unpublished illustration] Icones Roxburghianae 814 (lectotype K, designated here).

Veldkamp *et al.* (1989) noted that *Panicum curviflorum* Hornem. was the oldest name available for the grass species then generally referred to as *P. trypheron* Schult. Veldkamp



Figure 13. The lectotype of *Paederia erecta* Roxb. Icones Roxburghianae 2196 in the collection of the Royal Botanic Gardens, Kew. Reproduced with the permission of the Board of Trustees of the Royal Botanic Gardens, Kew.

et al. (1989) were not able to locate any original material for Hornemann's name. They therefore designated a neotype, selecting the type of *Panicum tenellum* Roxb. as the neotype of *P. curviflorum* Hornem. They referred to this as a 'Hb. Roxburgh specimen in BM'. Veldkamp (1996) later reported this as 'Hb. Roxburgh 814'. I have failed to locate any Roxburgh collection in BM that is relevant to these names. That Veldkamp used Roxburgh's icon number for the supposed herbarium specimen inclines me to think Veldkamp did not actually see any specimen in BM either, so the typifications do not stand. As no Roxburgh specimens of this taxon have been located by me, I select Roxburgh's drawing in K as lectotype of *Panicum tenellum* Roxb.

Parkia timoriana (DC.) Merr., Philipp. J. Sci., C 5: 33 (1910). – *Inga timoriana* DC., Prodr. 2: 442 (1825). – Type: Timor, *Anon. s.n.* (lectotype G-DC [n.v.], designated by Nielsen *Adansonia* 19: 340 [1980]).

Parkia roxburghii G.Don, Gen. Hist. 2: 397 (1832). – Type: India, Bot. Gard. Calc., *Anon. s.n.* (lectotype K [K000791057], designated at the first step by Nielsen, *Adansonia* 19: 340 [1980] and at the second step here; isolectotype LINN [LINN-HS 1598.37]).

Nielsen (1980) referred to the type of *Parkia roxburghii* G.Don as 'Smith in Wallich 5288 B, Calcutta (holo-, K)', This must refer to a sheet that came from Herb. Hooker. This bears a leaf and a separate inflorescence. The inflorescence is annotated 'Sir J.E.Smith' and bears a ticket with 'Bot. Gard. Calc.' The leaf has a slip from Wallich's Numerical List for no. 5288, without indication of which collection (A or B) is represented. Thus it seems probable that there are two specimens on the sheet. Therefore, a second-step lectotypification is made here to restrict the choice to the inflorescence that is probably from the collection represented by a specimen in the Smith Herbarium under 1598.37, which Smith received from Wallich in Calcutta in 1819. It is possible that the leaf on the K sheet comes from this gathering also, but it could be from a separate collection from the Calcutta gardens or indeed from the collection made by De Silva in Silhet.

Pavetta tomentosa Roxb. ex Sm. in Rees, Cycl. 26: n.º 2 (1814). – Type: *W. Roxburgh s.n.* (lectotype LINN [LINN-HS 191.2], designated by Turner, *Eur. J. Taxon.* 108: 5 [2015]).

Ixora tomentosa var. *roxburghii* Kurz, J. Asiat. Soc. Bengl, Pt 2, Nat. Hist. 46: 147 (1877). – *Pavetta tomentosa* var. *roxburghii* (Kurz) Bremek., Repert. Spec. Nov. Regni Veg. 37: 114 (1934). – Type: non designatus.

I have not located any material on which to typify Kurz's var. *roxburghii*.

Peltophorum pterocarpum (DC.) Backer ex K.Heyne, Nutt. Pl. Ned.-Ind., ed. 2, 2: 755 (1927). – *Inga pterocarpa* DC., Prodr. 2: 441 (1825). – Type: Timor, *Anon. s.n.* (holotype P [n.v.]).

Poinciana roxburghii G.Don, Gen. Hist. 2: 433 (1832). – *Caesalpinia roxburghii* (G.Don) D.Dietr., Syn. Pl. 2: 1494 (1840). – *Peltophorum roxburghii* (G.Don) O.Deg., Fl. Hawaiiensis Fam. 169: b (1938). – Type: non designatus.

I have not traced any potential type material for *Poinciana roxburghii* G.Don.

Peristrophe bivalvis (L.) Merr., Interpr. Herb. Amboin. 476 (1917). – *Justicia bivalvis* L., Syst. Nat. (ed. 10) 2: 850 (1759). – *Dicliptera bivalvis* (L.) Juss., Ann. Mus. Natl. Hist. Nat. 9: 268 (1807). – *Dicliptera sivarajanii* Karthik. & Moorthy, Fl. Pl. India 1: 12 (2009), nom. illegit., superfl. – Type: *J. Burman s.n.* (lectotype LINN [LINN-HL 28.25], designated by Wood *et al.*, Kew Bull. 38: 452 [1983]).

Justicia tinctoria Roxb., Fl. Ind. 1: 124–125 (1820), nom. illegit., non *J. tinctoria* Lour. (1790). – *Justicia baphica* Spreng., Neue Entdeck. Pflanzenk. 3: 82 (1822), as "*Iusticia*". – *Justicia roxburghiana* Roem. & Schult., Mant. 1: 140 (1822), nom. illegit., superfl. – *Peristrophe tinctoria* Nees in Wall., Pl. Asiat. Rar. 3: 113 (1832), nom. illegit., superfl. – *Dicliptera tinctoria* Kostel., Allg. Med.-Pharm. Fl. 3: 937 (1834), nom. illegit. (superfl.). – *Peristrophe roxburghiana* Bremek., Acta Bot. Neerl. 4: 656 (1955), nom. illegit., superfl. – *Peristrophe baphica* (Spreng.) Bremek., Nova Guinea Ser. 2, 8: 149 (1957). – *Dicliptera babui* Karthik. & Moorthy, Fl. Pl. India 10 (2009), non *D. baphica* Nees (1847). – Type: [unpublished illustration] Icones Roxburghianae 909 (lectotype K, designated here).

Roemer and Schultes proposed *Justicia roxburghiana* as a replacement name for Roxburgh's later homonym, but Sprengel had already published *Justicia baphica* as an avowed substitute.

Phanera roxburghiana (Voigt) Bandyop., Anand Kumar & Chakrab., Ann. Bot. Fenn. 58: 321 (2021). – *Bauhinia emarginata* Roxb. ex G.Don, Gen. Hist. 2: 462 (1832), nom. illegit., non Mill. (1768), nec Jack (1823). – *Bauhinia roxburghiana* Voigt, Hort. Suburb. Calcutt. 254 (1845). – *Bauhinia semla* Wunderlin, Taxon 25: 362 (1976), nom. illegit., superfl. – *Lasiobema roxburghianum* (Voigt) I.M.Turner, Ann. Bot. Fenn. 58: 206 (2021). – Type: *W. Roxburgh s.n.* (lectotype G [G00359972], designated by Bandyopadhyay, Taxon 56: 588 [2007]).

Bauhinia roxburghiana Voigt was published as a replacement name for the later homonym *Bauhinia emarginata* Roxb. ex G.Don.

Phragmites karka (Retz.) Steud., Nomencl. Bot., ed. 2, 1: 144 (1840). – *Arundo karka* Retz., Observ. Bot. 4: 21 (1786). – Type: *J.G. Koenig s.n.* (lectotype LD [LD1213145], designated by Fischer, Bull. Misc. Inform. Kew 1932: 74 [1932]).

Arundo roxburghii Kunth, Révis. Gramin. 1: 79 (1829). – *Phragmites roxburghii* (Kunth) Steud., Nomencl. Bot., ed. 2, 1: 144 (1840). – *Trichoon roxburghii* (Kunth) W.Wight, Contr. U.S. Natl. Herb. 9: 390 (1905). – Type: *W. Roxburgh s.n.* [EIC 5017G] (lectotype K-W [K001104514], designated here).

Kunth based *Arundo roxburghii* on Roxburgh's description of *Arundo karka*. A Roxburgh specimen in K-W is here designated as lectotype for this name.

Pinus roxburghii Sarg., *Silva N. Amer.* 11: 9 (1897). – *Pinus longifolia* Roxb. in Lambert, *Descr. Gen. Pinus* 1: 29, t. 21 (1803), nom. illegit., non *P. longifolia* Salisb. (1796). – Type: [published illustration] ‘*Pinus longifolia*’, Lambert, *Descr. Gen. Pinus* 1: t. 21 (1803) (lectotype designated by Khuraijam & Mazumdar, *J. Threat. Taxa* 11: 14206 [2019]).

Sargent published *Pinus roxburghii* as a replacement name for Roxburgh’s later homonym *Pinus longifolia*.

Pinus ser. *Roxburghiae* A.E.Murray, *Kalmia* 13: 18 (1983). – Type: *Pinus roxburghii* Sarg.

Pinus subsect. *Roxburghiae* A.E.Murray, *Kalmia* 13: 18 (1983). – Type: *Pinus roxburghii* Sarg.

Pinus subser. *Roxburghiae* A.E.Murray, *Kalmia* 13: 18 (1983). – Type: *Pinus roxburghii* Sarg.

Piper angustifolium Roxb., *Fl. Ind.* 1: 163 (1820), nom. illegit., non *P. angustifolium* Lam. (1791), nec *P. angustifolium* Ruiz & Pav. (1798). – *Piper roxburghianum* Schult., *Mant.* 1: 242 (1822). – *Peperomia roxburghiana* (Schult.) A.Dietr., *Sp. Pl.*, ed. 6, 1: 144 (1831). – Type: not traced.

Roxburgh’s *Piper angustifolium* was a later homonym, so Schultes proposed *Piper roxburghianum*. Dietrich then transferred the name to *Peperonia*. The identity of Roxburgh’s plant remains uncertain, as no original material has been located.

Piper longum L., *Sp. Pl.* 1: 29 (1753). – Type: *Herb. Hermann* 4: 13, No. 30 (lectotype BM [BM000628063], designated by Huber in Dassanayake & Fosberg, *Rev. Handb. Fl. Ceylon* 6: 288 [1987]).

Chavica roxburghii Miq., *Syst. Piperac.* 239 (1843). – *Piper roxburghii* (Miq.) J.Presl, *Wšeob. Rostlin.* 2: 1452 (1846). – Type: India, HBC, *Anon. s.n.* [EIC 6640D] (lectotype K [K000794337], designated by Suwanphakdee *et al.*, *Kew Bull.* 73(Art. 33): 7 (2018); isolectotype K-W [K001124370]).

Chavica roxburghii Miq. is a synonym of *Piper longum* L.

Piper rostratum Roxb., *Fl. Ind.* 1: 162 (1820). – *Peperomia rostrata* (Roxb.) A.Dietr., *Sp. Pl.*, ed. 6, 1: 153 (1831). – *Rhyncholepis roxburghii* Miq., *Syst. Piperac.* 284 (1843), nom. illegit., superfl. – Type: *W. Roxburgh* 2675 (lectotype BM [BM000939635], designated by Suwanphakdee *et al.*, *Kew Bull.* 73(Art. 33): 14 [2018]).

Rhyncholepis roxburghii Miq. is superfluous to *Piper rostratum* Roxb.

Pogostemon quadrifolius (Benth.) F.Muell., *Fragm.* 5: 200 (1866). – *Dysophylla quadrifolia* Benth., *Pl. Asiat. Rar.* 1: 30 (1830). – *Dysophylla stellata* (Lour.) Benth. var. *roxburghiana* H.Keng, *Gard. Bull. Singapore* 24: 72 (1969). – *Eusteralis quadrifolia* (Benth.) Panigrahi, *Phytologia* 32: 478 (1976). – *Pogostemon stellatus* var. *roxburghianus* (H.Keng) H.Keng, *Fl. Males.* 8: 352 (1978). – *Eusteralis stellata* var. *roxburghiana* (H.Keng) Bennet & Raizada,

Indian Forester 108: 303 (1982). – Type: India, Hortus Botanicus Calcuttensis, *Anon. s.n.* [EIC 1539.1] (lectotype K-W [K001113392], designated by Turner, Ann. Bot. Fenn. 58: 208 [2021]).

Keng renamed *Dysophylla quadrifolia* Benth. as *Dysophila stellata* var. *roxburghiana*. The variety *roxburghiana* was subsequently transferred to two other genera.

Poikilospermum naucleiflorum (Lindl.) Chew, Gard. Bull. Singapore 20: 76 (1963).

– *Conocephalus naucleiflorus* Lindl., Bot. Reg. 14: t. 1203A and B (1829). – *Urtica naucleiflora* (Lindl.) Roxb., Fl. Ind. 3: 592 (1832), as ‘nauciflora’. – Type: [unpublished illustration] Icones Roxburghianae 2379 (lectotype K, designated by Chew, Gard. Bull. Singapore 20: 77 [1963]).

Conocephalus roxburghii Trécul, Ann. Sci. Nat., Bot., Sér. 3, 8: 88 (1847). – Type: [EIC 4624A] (lectotype P [n.v.], designated by Chew, Gard. Bull. Singapore 20: 77 [1963]; isolectotypes CGE, G, K, LE, M).

Trécul described *Conocephalus roxburghii* based on a couple of collections. Chew (1963) designated a specimen in P as lectotype, but I have not been able to locate it.

Polygonum plebeium R.Br., Prodr. Fl. Nov. Holland. 420 (1810). – Type: Australia, Broad Sound, 19 ix 1802, *R. Brown s.n.* [Iter Austral. 2994] (lectotype BM [BM001015740], designated by Graham in Turrill & Milne-Redhead, Fl. Trop. E. Africa, Polygon. 13 [1958]).

Polygonum indicum Roth, Nov. Pl. Sp. 208 (1821). – *Avicularia indica* (Roth) Didrichs., Bot. Not. 1850: 187 (1850). – *Polygonum roxburghii* Meisn., Prodr. 14(1): 93 (1856), nom. illegit., superfl. – *Polygonum herniarioides* Del. var. *roxburghii* Boiss., Fl. Orient. 4: 1038 (1879). – Type: India orientalis, *B. Heyne s.n.* (lectotype B [B 10 0279363], designated by Turner, Taxon 70: 410 [2021]).

Meisner cited numerous synonyms under *Polygonum roxburghii* and the four varieties of it that he recognised. Many were cited with question marks, so nomenclaturally they can be put aside. Of those cited without an expression of doubt, *Avicularia indica* Didrichs., is the key one. Didrichsen published this name, stating that his species was identical with *Polygonum indicum* Roth. I therefore take *Avicularia indica* to be a new combination based on *Polygonum indicum* Roth. *Polygonum roxburghii* Meisn. therefore represents a superfluous renaming of *P. indicum* Roth, which should probably be considered a synonym of *P. plebeium* R.Br.

Potamogeton nodosus Poir. in Lamarck, Encycl., Suppl. 4: 535 (1816), as ‘nodosum’. – Type: Canary Isl., *Broussonet s.n.* (lectotype P [P00083340], designated by Kaplan & Symoens, Bot. J. Linn. Soc. 148: 333 [2005]).

Potamogeton indicus Roxb., Fl. Ind. 1: 471–472 (1820), as ‘indicum’, nom. illegit., non *P. indicus* Roth (1818). – *Potamogeton roxburghianus* Schult.f., Mant. 3: 367 (1827). – Type: *W. Roxburgh s.n.* (lectotype BM [BM000522406], designated here).

Potamogeton roxburghianus Schult.f. is a replacement name for Roxburgh's later homonym *Potamogeton indicus*. A Roxburgh specimen in BM is here designated as lectotype.

Pothos roxburghii de Vriese in Miquel, Pl. Jungh. 1: 103 (1851). – *Pothos neoroxburghii* P.C.Boyce, Thai Forest Bull., Bot. 37: 21 (2009), nom. illegit., superfl. – Type: Silhet, *F. da Silva* s.n. [EIC 4435D] (lectotype L [L.1417830], designated by Boyce & Hay, *Telopea* 9: 462 [2001]; isolectotypes K-W [K001038992], LE [LE00010595], U [U.1097725]).

De Vriese based *Pothos roxburghiana* partly on Roxburgh's description of *Pothos scandens*.

Primula rotundifolia Wall. in Roxburgh, Fl. Ind. 2: 18 (1824). – *Primula roxburghii* N.P.Balacr., J. Bombay Nat. Hist. Soc. 67: 63 (1970), nom. illegit., superfl. – Type: Nepal, Gossain Than, 1818, *E. Gardner* s.n. (lectotype BM [000521881(BM)], designated by Gould, Enum. Fl. Pl. Nepal 3: 74 [1982]).

Balakrishnan proposed *Primula roxburghii* as a replacement name for *Primula rotundifolia* Wall., but the supposed senior homonym was not validly published, making Balakrishnan's name superfluous.

Priva cordifolia (L.f.) Druce, Rep. Bot. Soc. Exch. Club Brit. Isles 1916: 641 (1917). – *Buchnera cordifolia* L.f., Suppl. Pl. 287 (1781). – Type: 1770, *J.G. Koenig* s.n. (lectotype LINN [LINN-HL 790.2], designated by Moldenke & Moldenke, Rev. Handb. Fl. Ceylon 4: 268 [1983]).

Streptium asperum Roxb., Pl. Coromandel 2: 25, t. 146 (1800). – *Priva roxburghii* Endl., Cat. Horti Vindob. 2: 47 (1842). – Type: [published illustration] 'Streptium asperum', Roxburgh, Pl. Coromandel 2: t. 146 (1800) (lectotype designated here).

Endlicher's *Priva roxburghii* is not superfluous as *Priva aspera* Kunth blocked a simple transfer of Roxburgh's name. Roxburgh's plate is here designated as lectotype of *Streptium asperum*. There are Roxburgh specimens in BR, but it is not clear whether these were collected before 1800.

Pseudopogonatherum trispicatum (Schult.) Ohwi, Bull. Tokyo Sci. Mus. 18: 3 (1947). – *Andropogon tristachyos* Roxb., Fl. Ind. 1: 261 (1820), nom. illegit., non *A. tristachyus* Kunth (1816). – *Andropogon trispicatus* Schult., Mant. 2: 452 (1824). – *Erianthus roxburghii* F.Muell., Fragm. 9: 279 (1873), nom. illegit., superfl. – *Eulalia trispicata* (Schult.) Henrard, Blumea 3: 453 (1940). – Type: [unpublished illustration] *Icones Roxburghianae* 1938 (lectotype K, designated by Cope in Nasir & Ali, Fl. Pakistan 143: 276 [1982]).

Erianthus roxburghii F.Muell. is a superfluous renaming of *Andropogon trispicatus* Schult.

Psychotria roxburghii DC., Prodr. 4: 519 (1830). – *Psychotria asiatica* Roxb., Fl. Ind. 2: 160 (1824), non *P. asiatica* L. (1759). – *Uragoga roxburghii* (DC.) Kuntze, Revis. Gen. Pl. 2: 962 (1891). – Type: *W. Roxburgh* 2630 (lectotype BR [BR0000005745487], designated here).

De Candolle based *Psychotria roxburghii* on Roxburgh's description of *Psychotria asiatica* from the Moluccas and Wallich's accompanying notes on a plant from Silhet (probably *Psychotria calocarpa* Kurz). To maintain the application of the name to the Moluccan plant as currently used, a Roxburgh specimen in BR is here selected as lectotype.

Pterocarpus roxburghii G. Don, Gen. Hist. 2: 377 (1832). – Type: non designatus.

The identity of George Don's species remains uncertain.

Pterospermum semisagittatum Hort. Angl. ex Link, Enum. Hort. Berol. Alt. 2: 200 (1822). – Type: India, Hortus Botanicus Calcuttensis, *Anon. s.n.* [EIC 1167.1] (neotype K-W [K001112274], designated here; isoneotypes E [E00273764], K-W [K001112273, K001112275]).

Pterospermum semisagittatum Roxb. ex DC., Mém. Mus. Hist. Nat., Paris 10: 113, t. 9 (1823), nom. illegit., non *P. semisagittatum* Hort. Angl. ex Link (1822). – *Eriolaena roxburghii* Spreng., Syst. Veg. 3: 123 (1826), as 'Eriochlaena'. – Type: India, Hortus Botanicus Calcuttensis, 1819, *N. Wallich s.n.* (lectotype G-DC [G00208854], designated here).

Pterospermum semisagittatum Buch.-Ham. ex Roxb., Fl. Ind. 3: 160 (1832), nom. illegit., non *P. semisagittatum* Hort. Angl. ex Link (1822), nec *P. semisagittatum* Roxb. ex DC. (1823). – Type: *W. Roxburgh s.n.* (lectotype BM [BM000946547], designated here).

Eriolaena roxburghii Spreng. has been considered a superfluous renaming, but the overlooked publication of *Pterospermum semisagittatum* by Link before de Candolle means that Sprengel published a legitimate nomen novum. No original material of Link's name was found in B (R. Vogt, B, personal communication), so a neotype based on material cultivated in Calcutta is designated here.

Pterygota alata (Roxb.) R.Br., Pterocymbium 234 (1844). – *Sterculia alata* Roxb., Pl. Coromandel 3: 84–85, t. 287 (1820). – *Pterygota roxburghii* Schott & Endl., Melet. Bot. 32 (1832), nom. illegit., superfl. – Type: Ind. Orient., 1809, *W. Roxburgh s.n.* (lectotype BM [BM000645721], designated here).

Pterygota roxburghii Schott & Endl. is a superfluous renaming of *Sterculia alata* Roxb. A Roxburgh specimen in BM is here selected as lectotype of Roxburgh's name.

Putranjiva roxburghii Wall., Tent. Fl. Nepal. 2: 61 (1826). – *Drypetes roxburghii* (Wall.) Hatus., J. Fac. Sci. Univ. Tokyo, Sect. 3, Bot. 6: 335 (1954). – Type: [unpublished illustration] Icones Roxburghianae 123 (lectotype CAL, designated by Chakrabarty, Ann. Pl. Sci. 8(10): 3634 [2019]).

Wallich's *Putranjiva roxburghii* is an accepted name.

Pyrus pyrifolia (Burm.f.) Nakai, Bot. Mag. (Tokyo) 40: 564 (1926). – *Ficus pyrifolia* Burm.f., Fl. Indica 226 (1768). – Type: Japan, *Kleinhoff s.n.* (holotype G-Prel. [G00810718] [3 sheets]).

Pyrus chinensis Roxb., Fl. Ind. 2: 511 (1832), nom. illegit., non *P. sinensis* Lindl. (1816), nec *P. chinensis* Thouin ex Spreng. (1825). – *Pyrus roxburghii* K.Koch, Hort. Dendrol. 183, No. 42 (1853). – Type: [unpublished illustration] Icones Roxburghianae 1443 (lectotype K, designated here).

As Roxburgh's *Pyrus chinensis* is an illegitimate later homonym, Koch published *Pyrus roxburghii* as a nomen novum. Roxburgh's drawing is here designated as lectotype.

Rhus chinensis Mill., Gard. Dict. (ed. 8): Rhus no. 7 (1768). – Type: *Anon. s.n.* (lectotype BM [BM000884394], designated here).

Rhus amela D.Don, Prodr. Fl. Nepal. 248 (1825). – *Rhus semialata* var. *roxburghii* DC., Prodr 2: 67 (1825). – *Rhus javanica* var. *roxburghii* (DC.) Rehder & E.H.Wilson, Pl. Wilson. 2(1): 179 (1914). – *Rhus chinensis* var. *roxburghii* (DC.) Rehder, J. Arnold Arbor. 20: 416 (1939). – Type: Nepal, Narainhetty, *F. Buchanan-Hamilton s.n.* (not traced).

De Candolle reduced *Rhus amela* D.Don to a variety of *Rhus semialata*, employing 'roxburghii' as the name for the variety.

Rinorea heteroclita (Roxb.) Craib, Fl. Siam. Enum. 89 (1925). – *Vareca heteroclita* Roxb., Fl. Ind. 2: 446-447 (1824). – *Pentaloba roxburghii* Wall., Numer. List n. 7189 (1832), nom. illegit., superfl. – *Dioryktandra roxburghii* Hassk., Retzia 125 (1855), nom. illegit., superfl. – *Alsodeia roxburghii* Hook.f. & Thomson, Fl. Brit. India 1(1): 186 (1872), nom. illegit., superfl. – *Rinorea roxburghii* Kuntze, Revis. Gen. Pl. 1: 42 (1891), nom. illegit., superfl. – Type: [unpublished illustration] Icones Roxburghianae 1223 (lectotype K, designated by Chakraborty *et al.*, Ethnobot. Jarawa Tribe Andaman Isl., India 78 [2020]). [Figure 14](#).

Wallich set off a train of superfluous renamings with his publication of *Pentaloba roxburghii*.

Rivea ornata (Roxb.) Choisy, Mém. Soc. Phys. Genève 6: 409 (1834). – *Lettsomia ornata* Roxb., Fl. Ind. 2: 86 (1824). – *Rivea roxburghii* Prain ex Brandis, Indian Trees 484 (1906), nom. illegit., superfl. – *Ipomoea ornata* (Roxb.) J.R.I.Wood & Scotland, Nat. Plants 5(11): 1136-44 (Suppl.: 34) (2019). – Type [unpublished illustration] Icones Roxburghianae 1535 (lectotype K, designated here). See [Figure 14](#).

Rivea roxburghii Prain ex Brandis is a superfluous renaming of *Lettsomia ornata* Roxb. As no original herbarium material has been located, Roxburgh's drawing is selected as lectotype here.

Rosa roxburghii Tratt., Rosac. Monog. 2: 233 (1823), as '*roxbourgii*'. – *Rosa microphylla* Roxb. ex Lindl., Ros. Monogr. 9, 146 (1820), nom. illegit., non *R. microphylla* Desf. (1798). – *Juzepczukia roxburghii* (Tratt.) Chrshan., Dopov. Ad. Nauk. Ukrains'k. R.S.R. 1948(3): 24 (1948). – Type: India, H. B. Calcutta, *Anon. s.n.* [EIC 692] (neotype K-W [K001111621], designated at the first step by Ghora & Panigrahi, Fam. Rosac. India 2: 357 [1995], and at the second step here; isoneotypes K-W [K001111622], PH [PH00024745]).



Figure 14. The lectotype of *Lettosomia ornata* Roxb., basionym of *Rivea ornata* (Roxb.) Choisy. Icones Roxburghianae 1535 in the collection of the Royal Botanic Gardens, Kew. Reproduced with the permission of the Board of Trustees of the Royal Botanic Gardens, Kew.

Trattinnick's *Rosa roxburghii* replaces *R. microphylla* Roxb. ex Lindl., an illegitimate later homonym.

Rotala rosea (Poir.) C.D.K.Cook ex H.Hara, Enum. Fl. Pl. Nepal 2: 173 (1979). – *Ammannia rosea* Poir. in Lamarck, Encycl., Suppl. 1: 329 (1810). – Type: Ind. Orientale, *Anon. s.n.* (lectotype FI [FI004320]), designated by Cook, Boissiera 29: 86 [1979]).

Ammannia pentandra Roxb., Fl. Ind. 1: 448 (1820). – *Rotala roxburghiana* Wight, Icon. Pl. Ind. Orient. 1(13): 1, t. 260B (1840), nom. illegit., superfl. – Type: [unpublished illustration] Icones Roxburghianae 548 (lectotype K, designated by Cook, Boissiera 29: 86 [1979]).

Rotala roxburghiana Wight is a superfluous renaming of *Ammannia pentandra* Roxb.

Rourea minor (Gaertn.) Merr., Interpr. Herb. Amboin. 413 (1917). – *Aegicerus minus* Gaertn., Fruct. Sem. Pl. 1(1): 216, t. 46 in part (1788). – Type: *Anon. s.n.* (lectotype L [Carp. 1163], designated by Vidal, Fl. Cambodge, Laos, Vietnam 2: 36 [1962]).

Cnestis monadelphum Roxb. ex DC., Prodr. 2: 87 (1825). – *Connarus roxburghii* Hook. & Arn., Bot. Beechey Voy. 179 (1833), nom. illegit., superfl. – *Rourea commutata* Planch., Linnaea 23: 420 (1850), nom. illegit., superfl. – *Santalodes monadelphum* (Roxb. ex DC.) Kuntze, Revis. Gen. Pl. 1: 155 (1891). – Type: India, Botanic Garden Calcutta, vii 1818, *N. Wallich s.n.* (lectotype G-DC [IDC800 LM-295/8], designated here).

Rourea millettii Planch., Linnaea 23: 420 (1850). – *Santalodes roxburghii* Kuntze, Revis. Gen. Pl. 1: 155 (1891), nom. illegit., superfl. – Type: China, *C. Millett s.n.* (lectotype K [K000696000], designated here).

Connarus roxburghii Hook. & Arn. represents a superfluous renaming of *Cnestis monadelphum* Roxb. ex DC. Planchon recognised this and renamed *Connarus roxburghii* as *Rourea millettii* excluding Hooker and Arnott's synonyms. Nevertheless, these names are all synonyms of *Rourea minor*, a combination made by Merrill, considerably earlier than generally cited.

Rubus fraxinifolius Poir. in Lamarck, Encycl. 6: 242 (1804). – Type: Java, *P. Commerson s.n.* (lectotype P-JU [14323], designated by Zandee & Kalkman, Blumea 27: 87 [1981]).

Rubus paniculatus Roxb., Fl. Ind. 2: 518 (1832), nom. illegit., non *R. paniculatus* Sm. (1815). – *Rubus roxburghianus* Wall. ex Steud., Nomencl. Bot., ed. 2, 2: 479 (1841). – Type: *W. Roxburgh s.n.* [EIC 732B] (lectotype K-W [K001111736], designated here).

Steudel validated a replacement name for Roxburgh's later homonym *Rubus paniculatus*. A Roxburgh specimen in K-W is here selected as lectotype for the name, which is a synonym of *Rubus fraxinifolius* Poir.

Rumex nepalensis Spreng., Syst. Veg. 2: 159 (1825). – *Rumex roxburghianus* Willd. in Schult. & Schult.f., Syst. Veg., ed. 15 bis, 7(2): 1402 (1830), nom. illegit., superfl. – Type: India, *W. Roxburgh s.n.* (holotype B-W [B -W 07044 -01 0]).

Rumex nepalensis Spreng. and *R. roxburghianus* Willd. were based on the same specimen in B-W. Willdenow's name, having been published later, hence becomes superfluous.

Saccharum spontaneum L., Mant. Pl. 2: 183 (1771). – Type: *Anon. s.n.* (lectotype LINN [LINN-HL 77.1], designated by Cope in Nasir & Ali, Fl. Pakistan 143: 263 [1982]).

Saccharum spontaneum var. *roxburghii* Honda, Bot. Mag. (Tokyo) 39: 38 (1925). – Type: Formosa [Taiwan], prov. Shinchiku, Kōryū, in littore Chikunan, 1924, S. Sasaki 5 (n.v.).

Honda's var. *roxburghii* is not currently recognised.

Sacciolepis interrupta (Willd.) Stapf, Fl. Trop. Afr. 9: 757 (1920). – *Panicum interruptum* Willd., Sp. Pl., ed. 4, 1: 341 (1797). – Type: India, J.G. Klein 403 (lectotype B-W [B -W 18768 -01 0], designated by Simon, Kew Bull. 27: 403 [1972]).

Panicum uliginosum Roxb., Fl. Ind. 1: 310–311 (1820), nom. illegit., non *P. uliginosum* Roth (1817). – *Panicum roxburghianum* Schult., Mant. 2: 245 (1824). – Type: W. Roxburgh s.n. (lectotype BR [BR0000006882570], designated here).

Panicum roxburghianum Schult. is a replacement name for Roxburgh's later homonym.

Salacia salacioides (Roxb.) R.S.Rao & Hemadri, J. Bombay Nat. Hist. Soc. 67: 358 (1970). – *Johnia salacioides* Roxb., Fl. Ind. 1: 172–173 (1820). – *Salacia roxburghii* Wall., Numer. List n. 4217 (1831), nom. illegit., superfl. – Type: [unpublished illustration] Icones Roxburghianae 1520 (lectotype K, designated by Long, Edinburgh J. Bot. 47: 354 [1990]).

Salacia roxburghii Wall. is a superfluous renaming of *Johnia salacioides* Roxb.

Saurauia roxburghii Wall., Pl. Asiat. Rar. 2: 40 (1831). – Type: Sylhet, v 1830, F. De Silva 247 [EIC 1467.1] (lectotype K-W [K001113157], designated here).

A lectotype is designated here for *Saurauia roxburghii* Wall. Cuong *et al.* (2007) referred to the selected sheet as type of the species, but the designation was not effective.

Scleria lithosperma var. *linearis* Benth., Fl. Austral. 7: 430 (1878). – Type: Australia, Queensland, Brisbane River, F. von Mueller s.n. (lectotype K [K000260049], designated here).

Scleria lithosperma var. *roxburghii* C.B.Clarke in Hooker, Fl. Brit. India 6(20): 686 (1894). – *Scleria roxburghii* (C.B.Clarke) Domin, Biblioth. Bot. 85: 487 (1915). – Type: Ceylon, Thwaites C.P. 2627 (lectotype K [K000260050], designated here).

Clarke described *Scleria lithosperma* var. *roxburghii*. There is an older name available for the taxon at varietal rank. Both variety names are here typified to material in K.

Scolopia spinosa (Roxb.) Warb., Nat. Pflanzenfam. III 6a: 29 (1893). – *Ludia spinosa* Roxb., Fl. Ind. 2: 507 (1832). – *Phoberos roxburghii* Benn., Pl. Jav. Rar. 192 (1840), nom. illegit., superfl. – *Scolopia roxburghii* Clos, Ann. Sci. Nat., Bot., Sér. 4, 8: 250 (1857), nom. illegit.,

superfl. – Type: *W. Roxburgh s.n.* (lectotype BM [BM000624081], designated by Sleumer, *Blumea* 20: 32 [1972]).

Phoberos roxburghii Benn. and *Scolopia roxburghii* Clos. represent superfluous renamings of *Ludia spinosa* Roxb.

Scurrula parasitica L., *Sp. Pl.* 1: 110 (1753). – *Loranthus scurrula* L., *Sp. Pl.*, ed. 2, 1: 472 (1762), nom. illegit., superfl. – Type: *Anon. s.n.* (lectotype LINN [LINN-HL 455.1], designated by Barlow, *Fl. Males.*, ser. I, 13: 387 [1997]).

Scurrula roxburghii G. Don, *Gen. Hist.* 3: 421 (1834). – Type: [published illustration] ‘*Loranthus Scurrula*’, Roxburgh, *Pl. Coromandel* 2: t. 140 (1800) (lectotype designated here).

George Don based *Scurrula roxburghii* on Roxburgh’s description of *Loranthus scurrula* L. Roxburgh’s plate is here chosen as lectotype of Don’s name.

Selaginella roxburghii (Hook. & Grev.) Spring, *Bull. Acad. Roy. Sci. Bruxelles* 10(1): 228 (1843). – *Lycopodium roxburghii* Hook. & Grev., *Bot. Misc.* 2: 390 (1831). – Type: *W. Roxburgh s.n.* [EIC 122.C] (lectotype K-W [K001109321], designated by Morton, *Contr. US Natl. Herb.* 38: 328 [1974]).

Semecarpus forstenii Blume, *Mus. Bot.* 1(12): 188 (1850). – Type: Moluccas, Ternate, vii 1841, *E.A. Forsten s.n.* (lectotype L [L0015877], designated here; isolectotypes L [L0015878, L0015879]).

Semecarpus roxburghii Blume, *Mus. Bot.* 1(12): 188 (1850). – *Cassuvium roxburghii* (Blume) Kuntze, *Revis. Gen. Pl.* 1: 152 (1891). – Type: Borneo, Gunong Pamatton, *P.W. Korthals s.n.* (lectotype L [L0058821], designated here).

Blume’s *Semecarpus roxburghii* is treated as a synonym of *S. forstenii*. Both names are here lectotypified to specimens in L.

Serruria roxburghii R.Br., *Trans. Linn. Soc. London* 10(1): 130 (1810). – *Protea roxburghii* (R.Br.) Poir. in Lamarck, *Encycl. Suppl.* 4: 574 (1816). – Type: South Africa, Swartland, Pardberg, *W. Roxburgh* 53 (lectotype G [G00014287], designated here; possible isolectotype BM [BM000910766]).

Robert Brown clearly based this name on a Roxburgh specimen then in the herbarium of the Linnean Society. This is now in G. But there is a piece mounted on a sheet in BM that may be from this collection, so the G specimen is here designated as lectotype for Brown’s name.

Sesbania aculeata (Schreb.) Pers., *Syn. Pl.* 2: 316 (1807). – *Aeschynomene aculeata* Schreb., *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 4: 134, t. 5, f. 1 (1770). – *Coronilla aculeata* (Schreb.) Willd., *Sp. Pl.* 3: 1147 (1802). – *Sesban aculeatus* (Schreb.) Poir. in Lamarck, *Encycl.* 7: 128 (1806), as ‘*aculeata*’. – *Aeschynomene spinulosa* Roxb.,

Hort. Bengal. 56 (1814), nom. illegit., superfl. – Type: [published illustration] Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur. 4: t. 5, f. 1 (1770) (lectotype designated by Turner, Taxon 62: 167 [2013]; *India orientalis*, *Anon.* 896 (epitype M [M-0187501], designated by Turner, Taxon 62: 167 [2013]).

Aeschynomene paludosa Roxb., Fl. Ind. 3: 333 (1832). – *Sesbania paludosa* (Roxb.) Prain, J. Asiat. Soc. Bengal, Pt 2, Nat. Hist. 66: 82 (1897), nom. illegit., non *S. paludosa* DC. (1824). – *Sesbania roxburghii* Merr., Philipp. J. Sci., C 4: 269 (1909). – Type: *W. Roxburgh s.n.* (lectotype BR [BR0000005174485], designated here).

Sesbania roxburghii Merr. is a replacement name in *Sesbania* for *Aeschynomene paludosa* Roxb. A Roxburgh specimen in BR is designated as lectotype for Roxburgh's name.

Setaria palmifolia (J.Koenig) Stapf, J. Linn. Soc., Bot. 42: 186 (1914). – *Panicum palmifolium* J.Koenig, Naturforscher (Halle) 23: 208 (1788), as 'palmaefolium'. – Type: *Anon. s.n.* (neotype K [K000245334], designated by Turner *et al.*, Gard. Bull. Singapore 71: 28 [2019]).

Panicum neurodes var. *roxburghianum* A.Braun, Index Seminum 1855(App.): 20 (1855). – Type: Silhet, EIC 8702 (lectotype B [B 10 0367324], designated here).

Shorea roxburghii G.Don, Gen. Hist. 1: 813 (1831). – Type: Ind. Orient., *W. Roxburgh/F. Buchanan-Hamilton s.n.* (BM [BM013860793], lectotype designated by Smitinand *et al.*, Fl. Cambodge, Laos, Vietnam 25: 98 [1990]).

The specimen selected as lectotype for *Shorea roxburghii* G.Don has a slip stating 'Ind. Orient. Dr Roxburgh. Dr Buchanan.'

Smilax ovalifolia Roxb. ex D.Don, Prodr. Fl. Nepal. 49 (1825). – Type: Nepal, Narainhetty, 7 ii 1803, *F. Buchanan-Hamilton s.n.* (lectotype LINN [HS 1542.15], designated here).

Smilax macrophylla Roxb., Fl. Ind. 3: 793 (1832), nom. illegit., non *S. macrophylla* Willd. (1806). – *Smilax roxburghii* Kunth, Enum. Pl. 5: 852 (1845). – Type: [unpublished illustration] *Icones Roxburghianae* 2567 (lectotype K, designated here).

Smilax roxburghii Kunth is a nomen novum for *Smilax macrophylla* Roxb., a later homonym. A Roxburgh drawing is selected as lectotype for these names. The accepted name, *Smilax ovalifolia*, is also lectotypified to a specimen in the Smith Herbarium, as no type material was found in BM.

Smilax roxburghiana Wall. ex Royle, Ill. Bot. Himal. Mts 381 (1839), nom. illegit., non *S. roxburghiana* A.DC. (1836). – Type: not traced.

Wallich (1831–1832) proposed *Smilax roxburghiana* as a replacement name for the Indian species Roxburgh had named *Smilax laurifolia* L. However, Roxburgh's description was not published until after Wallich's catalogue entry, so Wallich's name was not validated there.

Alphonse de Candolle did validate the name, but he actually described a menisperm species in cultivation in Switzerland. Royle seems to have been the first to validate the name as Wallich intended, but it was by then a later homonym. Unfortunately, I have not traced any original material related to Roxburgh's plant, so it is not possible to confirm its true identity. *Smilax ocreata* A.DC. seems the best fit to Roxburgh's description.

Sohmaea diffusa (DC.) H.Ohashi & K.Ohashi, J. Jap. Bot. 93: 161 (2018). – *Desmodium diffusum* DC., Ann. Sci. Nat. (Paris) 4: 100 (1825). – *Desmodium roxburghii* Sweet, Hort. Brit. 479 (1826), nom. illegit., superfl. – *Hedysarum roxburghii* Spreng., Syst. Veg., ed. 16, 4(2, Cur. Post.): 292 (1827), nom. illegit., superfl. – Type: Inde, *W. Roxburgh s.n.* (holotype G-DC [G00317409] [two sheets]).

Desmodium roxburghii Sweet and *Hedysarum roxburghii* Spreng. are superfluous renamings of *Desmodium diffusum* DC.

Solanum nigrum L., Sp. Pl. 1: 186 (1753). – Type: *Anon. s.n.* (lectotype LINN [LINN-HL 248.18], designated by Henderson, Contr. Queensland Herb. 16: 19 [1974]).

Solanum roxburghii Dunal, Prodr. 13(1): 57 (1852). – Type: [published illustration] Wight, Icon. Pl. Ind. Orient. 2: t. 344 (1843) (lectotype designated by Särkinen *et al.*, PhytoKeys 106: 94 [2018]); *R. Wight s.n.* [Hb Wight 2326] (epitype E [E00718973], designated by Särkinen *et al.*, PhytoKeys 106: 94 [2018]).

Dunal based *Solanum roxburghii* in part on Roxburgh's description of *Solanum rubrum* L.

Sorghum bicolor (L.) Moench, Methodus 207 (1794). – *Holcus bicolor* L., Mant. Pl. 2: 301 (1771). – Type: Herb. Clifford 468, *Holcus* 1 (lectotype BM [BM000647533], designated by Davidse in Cafferty *et al.*, Taxon 49: 251 [2000]).

Andropogon sorghum var. *roxburghii* Hack., Monogr. Phan. 6: 510 (1889). – *Holcus sorghum* var. *roxburghii* (Hack.) L.H.Bailey, Gentes Herb. 1: 132 (1923). – Type: non designatus.

Sorghum roxburghii Stapf, Fl. Trop. Afr. 9(1): 126 (1917). – *Sorghum vulgare* var. *roxburghii* (Stapf) Haines, Bot. Bihar & Orissa (5): 1034 (1924). – Type: non designatus.

The taxonomy of cultivated sorghum is complex, and various names seem to be wanting a full resolution of their typification. I have made little headway with the taxa named after Roxburgh.

Sparaxis roxburghii (Baker) Goldblatt, Ann. Missouri Bot. Gard. 79(1): 156 (1992). – *Synnotia bicolor* var. *roxburghii* Baker, Handb. Irid. 198 (1892). – *Synnotia roxburghii* (Baker) G.J.Lewis, Ann. S. African Mus. 40: 146 (1956). – Type: South Africa, Cape, Clanwilliam Div., 15 miles N of Citrusdal, 26 viii 1957, *G.J. Lewis* 5207 (neotype NBG [NBG0063079-0], designated by Goldblatt, Ann. Missouri Bot. Gard. 79(1): 156 [1992]; isoneotype MO [MO-2200289]).

Spatholobus parviflorus (Roxb. ex DC.) Kuntze, Rev. Gen. Pl. 1: 205 (1891). – *Butea parviflora* Roxb. ex DC., Prodr. 2: 415 (1825). – *Spatholobus roxburghii* Benth. in Miquel, Pl. Jungh. 2:

238 (1852), nom. illegit., superfl. – Type: India, ex h. bot. calcuttensi, 1819, *N. Wallich s.n.* (lectotype G-DC [G00651729] [2 sheets], designated here).

Butea parviflora Roxb. & G. Don, Gen. Hist. 2: 373 (1832), nom. illegit., non *B. parviflora* Roxb. ex DC. (1825). – Type: India, Bot. Gard. Calc., 1819, *N. Wallich s.n.* (lectotype LINN [LINN-HS 1181.8], designated here).

Butea parviflora Roxb., Fl. Ind. 3: 248 (1832), nom. illegit., non *B. parviflora* Roxb. ex DC. (1825). – Type: [unpublished illustration] Icones Roxburghianae 1990 (lectotype K, designated by Thuân, Fl. Cambodge, Laos, Vietnam 17: 102 [1979]).

Spatholobus roxburghii Benth, represents a superfluous renaming of *Butea parviflora* Roxb. ex DC. Ridder-Numan & Wiriadinata (1985) referred to a Roxburgh specimen in BR as type of *Butea parviflora* Roxb. ex DC. However, there is a specimen in G-DC that fits the citation in the protologue [v.s. sine fr. ex hort. Calc.] much better and is here designated as lectotype. George Don and Roxburgh also published the name, creating later homonyms.

Spermacoe pusilla Wall. in Roxburgh, Fl. Ind. 1: 379 (1820). – Type: Nepal, *Anon. s.n.* (lectotype BM [000521908(BM)], designated by Hara & Gould, Enum. Fl. Pl. Nepal 2: 200 [1979]).

Bigelovia roxburghiana Wight & Arn., Prodr. Fl. Ind. Orient. 1: 437 (1834). – *Spermacoe roxburghiana* (Wight & Arn.) Steud., Nomencl. Bot. 1: 203 (1840), nom. illegit., non *S. roxburghiana* Schult. (1827). – *Borreria roxburghiana* (Wight & Arn.) Walp., Repert. Bot. Syst. 2: 464 (1843). – Type: Peninsula Ind. orientalis, *R. Wight s.n.* [Herb. Wight propr. 1360] (lectotype E [E00174851], designated here).

A Wight specimen in E is here selected as lectotype for *Bigelovia roxburghiana* Wight & Arn.

Spinacia oleracea L., Sp. Pl. 2: 1027 (1753). – Type: *Anon. s.n.* (lectotype LINN [LINN-HL 1174.1], designated by Hedge, Regnum Veg. 127: 90 [1993]).

Spinacia tetrandra Roxb., Fl. Ind. 3: 771 (1832), nom. illegit., non *S. tetrandra* Steven ex M. Bieb. (1809). – *Spinacia oleracea* var. *roxburghiana* Moq. in DC., Prodr. 13(2): 461 (1849). – Type: [unpublished illustration] Icones Roxburghianae 1091 (lectotype K, designated here).

Moquin-Tandon based *Spinacia oleracea* var. *roxburghiana* on Roxburgh's *Spinacia tetrandra*, which was a later homonym. Roxburgh's icon is here designated as lectotype, as no herbarium material has been located.

Spiraea cantoniensis Lour., Fl. Cochinch. 1: 322 (1790). – Type: *J. de Loureiro s.n.* (lectotype P [P00150875], designated by Merrill, Trans. Amer. Phil. Soc. 24: 177 [1935]).

Spiraea corymbosa Roxb., Fl. Ind. 2: 512 (1832), nom. illegit., non *S. corymbosa* Raf. (1814). – *Spiraea roxburghiana* Wall., Rep. Calcutta Bot. Gard. to G.A. Bushby 29 (1840). – Type: *W. Roxburgh s.n.* (lectotype B-W [B -W 09801 -01 0], designated here).

Rafinesque used the name *Spiraea corymbosa* before Roxburgh. Therefore, Wallich renamed Roxburgh's plant *Spiraea roxburghiana*. A Roxburgh specimen in the Willdenow Herbarium is selected here as lectotype.

Sporobolus coromandelianus (Retz.) Kunth, Révis. Gramin. 1: 68 (1829). – *Agrostis coromandeliana* Retz., Observ. Bot. 4: 19 (1786). – Type: *J.G. Koenig s.n.* (lectotype LD [LD1215257], designated by Fischer, Bull. Misc. Inform. Kew 1932: 73 [1932]).

Vilfa roxburghiana Nees ex Wight, Cat. Ind. Pl. 102 sub 1742 & 1743 (1834). – Type: Herb. R. Wight. Prop. 1742 (lectotype K [K000245155], designated here, restricting choice to the culm bearing two inflorescences mounted on the bottom centre of the sheet with a slip cut from Wight's Catalogue for no. 1742 stuck over the base).

Baijens & Veldkamp (1991) noted that *Vilfa roxburghiana* was first validated in Wight's Catalogue. A specimen from Wight's herbarium, probably originally from Rottler, is selected here as lectotype.

Stemona Lour., Fl. Cochinch. 2: 404 (1790). – Type: *Stemona tuberosa* Lour.

Roxburghia Roxb., Pl. Coromandel 1(2): 29, t. 32 (1795). – Type: *Roxburghia gloriosoides* Roxb.

Although it would seem that Roxburgh dedicated a genus to himself, Sir James Edward Smith (1815) stoutly defended Roxburgh on this point:

Roxburghia received that name, at the suggestion of the right honourable Sir Joseph Banks, from the pen of the late Mr. Dryander, in just commemoration of the discoverer of this genus, Dr William Roxburgh, F.L.S., member of the Asiatic Society. ... From the remote situation of the author, many genera and species were left by him for the determination of his learned editor, to whom all the sources of literary information in Europe were open. But as the name of this editor is entirely kept out of sight, a French writer, De Theis, has been led into the mistake of charging Dr Roxburgh with the unexampled arrogance of dedicating a genus to his own honour. No man can be further, than our candid and unassuming friend, from such presumption, and we feel it a duty to wipe away the unmerited reproach.

Stephania japonica var. *timoriensis* (DC.) Forman, Kew Bull. 11: 55 (1956). – *Cocculus japonicus* var. *timoriensis* DC., Prodr. 1: 96 (1824). – Type: *Anon. s.n.* (lectotype G-DC [IDC800 LM-48/11], designated here).

Cocculus roxburghianus DC., Syst. Nat. 1: 516 (1817). – *Menispermum roxburghianum* (DC.) Spreng., Syst. Veg., ed. 16, 2: 155 (1825), as 'Roxburghii'. – *Stephania roxburghiana* (DC.) Miers, Ann. Mag. Nat. Hist., Ser. 3, 18: 14 (1866). – Type: *Anon. s.n.* (lectotype G-DC [G00201616], designated here).

Types for *Cocculus roxburghianus* DC. and *Cocculus japonicus* var. *timoriensis* DC. are here designated from material in the Prodrum Herbarium (G-DC).

Sterculia roxburghiana Wall., Pl. Asiat. Rar. 3: 39, t. 262 (1832). – *Southwellia roxburghiana* (Wall.) Spach, Hist. Nat. Vég. 14: 402 (1847). – *Clompanus roxburghiana* (Wall.) Kuntze, Revis. Gen. Pl. 1: 78 (1891), as 'roxburghii'. – Type: Jentya Mountains, iii 1829, Anon. 132 [EIC 1124.1] (lectotype K-W [K001112146], designated here; possible isolectotypes G [G000358628, G000358629]).

Streblus taxoides (B.Heyne ex Roth) Kurz, Prelim. Rep. Forest Pegu, App. A: cxviii (1875). – *Trophis taxoides* B.Heyne ex Roth, Nov. Pl. Sp. 368 (1821). – *Trophis taxiformis* Spreng., Syst. Veg. 3: 902 (1826), nom. illegit., superfl. – *Taxotrophis roxburghii* Blume, Mus. Bot. 2: 78 (1856), nom. illegit., superfl. – Type: *B. Heyne* s.n. (lectotype LE [LE00011391], designated by Turner, Taxon 70: 422 [2021]).

Taxotrophis roxburghii Blume is a superfluous renaming of *Trophis taxoides* B.Heyne ex Roth.

Symplocos racemosa Roxb., Fl. Ind. 2: 539 (1832). – Type: *W. Roxburgh* s.n. (lectotype P [P00648401], designated by Nootboom, Leiden Bot. Ser. 1: 271 [1975]).

Symplocos rigida Wall. ex G.Don, Gen. Hist. 4: 3 (1837). – *Symplocos racemosa* var. *roxburghiana* Kurz, J. Asiat. Soc. Bengal 46: 238 (1877). – Type: Burma, Moalmyn, 26 i 1827, *N. Wallich* 1190 [EIC 4422A] (lectotype K-W [K001038966], designated by Nootboom, Leiden Bot. Ser. 1: 272 [1975]).

Symplocos racemosa var. *roxburghiana* Kurz was made homotypic with *Symplocos rigida* Wall. ex G.Don by lectotypification. They are synonyms of *Symplocos racemosa* Roxb.

Syzygium praecox (Roxb.) Rathakr. & N.C.Nair, J. Econ. Taxon. Bot. 4: 288 (1983). – *Eugenia praecox* Roxb., Fl. Ind. 2: 488 (1832). – Type: [unpublished illustration] Icones Roxburghianae 2500 (lectotype K, designated by Byng *et al.*, Phytotaxa 217: 110 [2015]).

Eugenia lanceifolia Roxb., Fl. Ind. 2: 494 (1832), as 'lanceaefolia'. – *Syzygium roxburghianum* Raizada, Indian Forester 74: 336 (1948). – Type: [unpublished illustration] Icones Roxburghianae 226 (lectotype K, designated by Byng *et al.*, Phytotaxa 217: 110 [2015]).

Syzygium roxburghianum Raizada is a new name in *Syzygium* for *Eugenia lanceifolia* Roxb. necessitated by *Syzygium lanceifolium* (Miq.) Merr. & L.M.Perry.

Syzygium samarangense (Blume) Merr. & L.M.Perry, J. Arnold Arbor. 19: 115 (1938). – *Myrtus samarangensis* Blume, Bijdr. Fl. Ned. Ind. (17) 1084 (1826–1827). – Type: Java, C.L. Blume 1558 (lectotype L [L0821100], designated by Soh & Parnell, Adansonia, Sér. 3, 37: 256 [2015]).

Eugenia javanica var. *roxburghiana* Duthie, Fl. Brit. India 2(5): 475 (1878). – Type: Anon. s.n. [EIC 3608] (lectotype K-W [K001119806], designated here).

Tacca chantrieri André, Rev. Hort. (Paris) 73: 541, f. 241 (1901). – Type: [published illustration] André, Rev. Hort. (Paris) 73: f. 241 (1901) (lectotype designated here).

Tacca roxburghii H.Limpr., Pflanzenr., Taccac. 18 (1928). – Type: India, Naga Hill, Neechoogard, 18 x 1885, C.B. Clarke 40886 (lectotype K [K000958809], designated here).

A specimen annotated by Limpricht is here chosen as lectotype for *Tacca roxburghii*. André's original figure is selected as lectotype for *Tacca chantrieri*.

Tarena odorata (Roxb.) B.L.Rob., Proc. Amer. Acad. Arts 45: 405 (1910). – *Webera odorata* Roxb., Fl. Ind. 2: 535–536 (1824). – Type: [unpublished illustration] Icones Roxburghianae 2458 [2459 on drawing] (lectotype K, designated by Ng *et al.*, Fl. Singapore 13: 307 [2019]).

Webera macrophylla Roxb., Fl. Ind. 2: 534 (1824). – *Stylocoryna roxburghii* Steud., Nomencl. Bot., ed. 2, 1: 455 (1840). – Type: [unpublished illustration] Icones Roxburghianae 2046 (lectotype K, designated here).

Stylocoryna roxburghii Steud. is a new name for *Webera macrophylla* Roxb., required because *Stylocoryna macrophylla* Bartl. ex DC. refers to another species.

Tephrosia roxburghiana J.R.Drumm. in Gamble, Fl. Madras 319 (1918). – Type: Peninsula Ind. orientalis, R. Wight *s.n.* [Herb. Wight propr. 881] (lectotype K [K000848889], designated by Balan & Prakashkumar, Kew Bull. 75(Art. 21): 2 [2020]; possible isolectotypes CAL [CAL0000024701], K [K000848888], MH [MH00002028]).

Terminalia arjuna (Roxb. ex DC.) Wight & Arn., Prodr. Fl. Ind. Orient. 314 (1834). – *Pentaptera arjuna* Roxb. ex DC., Prodr. 3: 15 (1828), *nom. cons.* – Type: India, Hortus Botanicus Calcuttensis, v 1818, *Anon. s.n.* (G-DC [G00656549 sheet 01]).

Pentaptera glabra Roxb., Fl. Ind. 2: 440 (1832). – *Terminalia glabra* (Roxb.) Wight & Arn., Cat. Ind. Pl. 63 (1833). – *Terminalia crenulata* var. *roxburghii* Kurz, Forest Fl. Burma 1: 458 (1877). – Type: [published illustration] Icones Roxburghianae 4 (lectotype CAL, designated by Gangopadhyay & Chakrabarty, J. Econ. Tax. Bot. 21: 349 [1997]).

Kurz reduced *Terminalia glabra* (Roxb.) Wight & Arn. to a variety of *Terminalia crenulata* Roth and changed the name to var. *roxburghii*.

Tetractomia tetrandrum (Roxb.) Merr., J. Straits Branch Roy. Asiat. Soc. 76: 87 (1917). – *Melicope tetrandra* Roxb., Fl. Ind. 2: 257 (1832). – *Tetractomia roxburghii* Hook.f., Fl. Brit. India 1(3): 491 (1875), *nom. illegit., superfl.* – *Melicope roxburghii* Engl., Nat. Pflanzenfam. 3(4): 122 (1896), *nom. illegit., superfl.* – Type: [unpublished illustration] Icones Roxburghianae 1411 (lectotype K, designated by Hartley, J. Arnold Arbor. 60: 132, 137 [1979]).

Tetractomia roxburghii Hook.f. is a superfluous name based on *Melicope tetrandra* Roxb.

Tetrapogon roxburghianus (Schult.) P.M.Peterson, *Taxon* 64: 460 (2015). – *Chloris polystachya* Roxb., *Fl. Ind.* 1: 332 (1820), nom. illegit., non *C. polystachya* Lag. (1816). – *Chloris roxburghiana* Schult., *Mant.* 2: 239 (1824). – Type: [unpublished illustration] *Icones Roxburghianae* 2023 (lectotype K, designated by Renvoize in Polhill, *Fl. Trop. E. Afr. Gram. Pt 2* 339 [1974]; India, Tamil Nadu, Shambaganur, *L. Auglade* 1759 (epitype CAL [CAL0000035996], designated by Das & Karthigeyan, *Phytotaxa* 464: 249 [2020]).

Schultes renamed *Chloris polystachya* Roxb. as *Chloris roxburghiana* because Roxburgh's name was a later homonym. Das & Karthigeyan (2020) designated an epitype for Roxburgh's name. They cited the lectotypification as by Peterson *et al.* (2015), but it was already effected by Renvoize more than 40 years before that. Fortunately, the same element was chosen as lectotype, so the epitypification stands.

Tetrastigma leucostaphylum (Dennst.) Alston, *Taxon* 26: 539 (1977). – *Cissus leucostaphyla* Dennst., *Schlüssel* 17, 19, 33 (1818). – Type: [published illustration] 'Vallia-tsjori-valli', Rheede, *Hort. Malab.* 7: t. 8 (1688) (lectotype, designated by Mabberley, *Taxon* 26: 539 [1977]).

Cissus feminea Roxb., *Fl. Ind.* 1: 428–429 (1820). – *Vitis roxburghii* Wight & Arn., *Prodr. Fl. Ind. Orient.* 127 (1834), nom. illegit., superfl. – Type: [unpublished illustration] *Icones Roxburghianae* 543 (lectotype K, designated here).

Vitis roxburghii Wight & Arn. is a superfluous renaming of *Cissus feminea* Roxb. Roxburgh's drawing is here selected a lectotype.

Thunbergia fragrans Roxb., *Pl. Coromandel* 1: 47–48, t. 67 (1796). – Type: [published illustration] 'Thunbergia fragrans', Roxburgh, *Pl. Coromandel* 1: t. 67 (1796) (lectotype designated by Wasshausen in Jansen-Jacobs, *Fl. Guianas* 23: 137 [2006]).

Thunbergia roxburghia Nees in Wallich, *Pl. Asiat. Rar.* 3: 78 (1832). – Type: *Anon. s.n.* [EIC 767F] (lectotype K-W [K001111837], designated here; isolectotypes GZU [GZU000251659, GZU000251660]).

Thunbergia roxburghia Nees represents a synonym of *Thunbergia fragrans* Roxb. A specimen from Nees's herbarium now in GZU is here selected as lectotype.

Torenia anagallis (Burm.f.) Wannan & al., *Austral. Syst. Bot.* 31: 250 (2018). – *Ruellia anagallis* Burm.f., *Fl. Indica* 135 (1768). – Type: Java, *Kleynhoff s.n.* (lectotype L [L0053048], designated by Philcox, *Kew Bull.* 17: 483 [1964]).

Vandellia roxburghii G.Don, *Gen. Hist.* 4: 549 (1838). – Type: [unpublished illustration] *Icones Roxburghianae* 321 (lectotype K, designated here).

George Don based *Vandellia roxburghii* on the plant described by Roxburgh under the name *Torenia diffusa*. The Roxburgh drawing is therefore here designated as lectotype, as no herbarium material has been located.

Tournefortia montana Lour., Fl. Cochinch. 1: 122 (1790). – Type: non designatus.
Tournefortia roxburghii C.B.Clarke in Hooker, Fl. Brit. India 4(10): 146 (1883). – Type:
 [Bangladesh], between Seetalroond and Chittagong, J.D. Hooker & T. Thomson s.n.
 (lectotype K [K000998126], designated here).

Clarke's *Tournefortia roxburghii* is here considered a synonym of *Tournefortia montana* Lour.
 A Hooker & Thomson species annotated by Clarke is here designated as lectotype.

Toxocarpus longistigma (Roxb.) Steud., Nomencl. Bot., ed. 2, 1: 146 (1840). – *Asclepias*
longistigma Roxb., Fl. Ind. 2: 46 (1832). – *Toxocarpus roxburghii* Wight & Arn., Contr.
 Bot. India 61 (1834), nom. illegit., superfl. – Type: [unpublished illustration] Icones
 Roxburghianae 619 (lectotype K, designated here). [Figure 15](#).

Toxocarpus roxburghii Wight & Arn. is superfluous to *Asclepias longistigma* Roxb. Roxburgh's
 drawing is selected as lectotype here.

Trachyspermum roxburghianum Craib, Fl. Siam. 1: 788 (1931). – *Apium involucreatum* Roxb.
 in Fleming, Asiat. Res. 11: 157 (1810). – *Athamanta roxburghiana* Wall., Numer. List n. 571
 (1829), nom. illegit., superfl. – *Ptychotis roxburghiana* DC., Prodr. 4: 109 (1830), nom. illegit.,
 superfl. – *Pimpinella involucreata* (Roxb.) Wight & Arn., Prodr. Fl. Pen. Ind. Or. t. 369 (1834).
 – *Carum roxburghianum* Waring, Pharmacopoeia India 108 (1868), nom. illegit., superfl.
 – *Carum involucreatum* (Roxb.) Kuntze, Revis. Gen. Pl. 1: 265 (1891). – *Trachyspermum*
involucreatum (Roxb.) H. Wolff in Engler, Pflanzenr. IV 228(90): 89 (1927), nom. illegit., non
T. involucreatum Maire (1922). – *Trachyspermum matthewii* M.R.Almeida, Fl. Maharashtra 2:
 363 (1998), nom. illegit., superfl. – Type: [unpublished illustration] Icones Roxburghianae
 1388 (lectotype K, designated by Turner, Kew Bull. 69(Art. 9489): 2 [2014]).

Trachyspermum roxburghianum Craib is effectively a nomen novum for *Apium involucreatum*
 Roxb., required because *Trachyspermum involucreatum* Maire refers to another species.

Tragus mongolorum Ohwi, Acta Phytotax. Geobot. 10: 268 (1941). – Type: Mongolia, Urbe
 Paoto, J. Ohwi 10029 (holotype KYO [n.v.]).

Tragus roxburghii Panigrahi, Kew Bull. 29: 496 (1974). – Type: India, Tamil Nadu, Vela Cherry,
 vii 1845, G. Thomson s.n. (holotype K [K000245201], isotypes P [P00745716, P00745717]).

Panigrahi based *Tragus roxburghii* in part on Roxburgh's description of *Lappago biflora*.
 Roxburgh's name was superfluous to *Phalaris muricata* Forssk.

Typhonium roxburghii Schott, Aroid. 1: 12, t. 17 (1853). – *Arum roxburghii* (Schott)
 Thwaites, Enum. Pl. Zeyl. 432 (1864). – *Typhonium divaricatum* var. *roxburghii* (Schott)
 Engl., Monogr. Phan. 2: 612 (1879). – Type: Ceylon, Thwaites C.P. 3764 (lectotype K
 [K000099886], designated by Nicolson & Sivadasan, Blumea 27: 492 [1981]; possible
 isolectotypes BM, PDA).



Figure 15. The lectotype of *Asclepias longistigma* Roxb., basionym of *Toxocarpus longistigma* (Roxb.) Steud. Icones Roxburghianae 619 in the collection of the Royal Botanic Gardens, Kew. Reproduced with the permission of the Board of Trustees of the Royal Botanic Gardens, Kew

Typhonium roxburghii Schott was based in part on Roxburgh's description of *Arum trilobatum* L.

Uncaria roxburghiana Korth., Verh. Nat. Gesch. Ned. Bezitt., Bot. 172 (1842). – *Nauclea roxburghiana* (Korth.) Walp., Repert. Bot. Syst. 2(3): 513 (1843). – *Uruparia roxburghiana* (Korth.) Kuntze, Revis. Gen. Pl. 1: 301 (1891). – Type: Sumatra, *P.W. Korthals s.n.* (lectotype L [L00001540], designated by Ridsdale, Blumea 24: 89 [1978]).

Utricularia gibba L., Sp. Pl. 1: 18 (1753). – Type: Clayton 515 & 517 (lectotype BM [BM000098329], designated by Taylor, Kew Bull. 18: 197 [1964]).

Utricularia biflora Roxb., Fl. Ind. 1: 144 (1820), nom. illegit., non *U. biflora* Lam. (1791), nec *U. biflora* Nutt. (1818). – *Utricularia diantha* Roxb. ex Schult., Mant. 1: 169 (1822). – *Utricularia roxburghii* Spreng., Syst. Veg. 1: 52 (1824), nom. illegit., superfl. – Type: *W. Roxburgh s.n.* (lectotype BM [BM000997634], designated by Taylor, Gen. Utricularia 574 [1989]).

Utricularia roxburghii Spreng. is illegitimate because Schultes had already provided a replacement name for Roxburgh's later homonym *Utricularia biflora*.

Vachellia eburnea (L.f.) P.J.H.Hurter & Mabb., Pl.-Book, ed. 3, 1021 (2008). – *Mimosa eburnea* L.f., Suppl. Pl. 437 (1782). – *Acacia eburnea* (L.f.) Willd., Sp. Pl., ed. 4, 4(2): 1081 (1806). – Type: 1777, *J.G. Koenig s.n.* (lectotype LINN [LINN-HL 1228.24], designated by Ali in Nasir & Ali, Fl. W. Pakistan 36: 14 [1973]).

Acacia roxburghii Wight & Arn., Prodr. Fl. Ind. Orient. 1: 276 (1834). – Type: Herb. Banks (n.v.).

Wight and Walker-Arnott described *Acacia roxburghii* apparently based on Roxburgh's description and illustration of *Mimosa eburnea* and a specimen in Banks's herbarium that should now be in BM. The wording seems to indicate that this was a Roxburgh specimen, but I have failed to find it. I leave the typification unresolved in case the missing specimen is located in future.

Vanda tessellata (Roxb.) Hook. ex G.Don in Loudon, Hort. Brit. 372 (1830). – *Epidendrum tessellatum* Roxb., Pl. Coromandel 1: 34, t. 42 (1795). – Type: [published illustration] 'Epidendrum tessellatum', Roxburgh, Pl. Coromandel 1: t. 42 (1795) (lectotype designated here).

Vanda roxburghii R.Br., Bot. Reg. 6: t. 506 (1820). – Type: *W. Roxburgh s.n.* (lectotype BM [000538864(BM)], designated here).

Cymbidium tesselloides Roxb., Fl. Ind. 3: 463 (1832), as 'tessaloides'. – Type: *W. Roxburgh s.n.* (lectotype BM [000538864(BM)], designated here).

Robert Brown validated the generic name *Vanda* and its type *Vanda roxburghii* R.Br. This was largely based on Roxburgh's manuscript description of *Cymbidium tesselloides*, a name

that was validated in the 1832 publication of *Flora Indica*. The species names of Brown and Roxburgh are here both lectotypified to the same Roxburgh specimen in BM. They are synonyms of *Vanda tessellata* (Roxb.) Hook. ex G.Don, which is also lectotypified here, with Roxburgh's published plate selected as lectotype.

Vatica chinensis L., Mant. Pl. Altera 242 (1771). – Type: *Anon. s.n.* (lectotype LINN [LINN-HL 614.1], designated by Ashton, Gard. Bull. Singapore 20: 244 [1963]).

Vateria roxburghiana Wight, Icon. Pl. Ind. Orient. 1(2): [1], t. 26 (1838). – *Vatica roxburghiana* (Wight) Blume, Mus. Bot. 2(1–8): 31, t. 7 (1856). – *Isauxis roxburghiana* (Wight) Thwaites, Enum. Pl. Zeyl. 37 (1858). – Type: India, Malabar, Herb. Wight propr. 2448 (lectotype E [E00017345], designated here).

Wight's *Vateria roxburghiana* is here lectotypified to a specimen in E. The name is a synonym of *Vatica chinensis* L. Ashton effectively typified this name in 1963, earlier than the 1993 publication regularly cited.

Vigna mungo (L.) Hepper, Kew Bull. 11: 128 (1956). – *Phaseolus mungo* L., Mant. Pl. 101 (1767). – Type: India, Coromandelia, *J.P. Rottler s.n.* (neotype UPS-THUNB [16718, V-128829], designated by Dutta, Pleione 10(2): 365 [2016]).

Phaseolus roxburghii Wight & Arn., Cat. Ind. Pl. 60, sub no. 994 (1833). – *Phaseolus mungo* f. *roxburghii* (Wight & Arn.) Prain, J. Asiat. Soc. Bengal, Pt 2 Nat. Hist. 66(2): 423 (1897). – Type: *W. Roxburgh s.n.* [EIC 5592A] (lectotype K-W [K001121396], designated here).

Wight and Walker-Arnott renamed *Phaseolus radiatus* L. in the sense of Roxburgh as *Phaseolus roxburghii*. A Roxburgh specimen in K-W is selected here as lectotype.

Viola betonicifolia Sm. in Rees, Cycl. 37: *Viola* no. 7 (1817). – Type: Australia, New South Wales, *J. White s.n.* (holotype LINN [LINN-HS 1380.5]).

Viola roxburghiana Voigt, Hort. Suburb. Calcutt. 76 (1845). – Type: [unpublished illustration] *Icones Roxburghianae* 2453 [2454 on drawing] (lectotype K, designated here).

Voigt gave the name *Viola roxburghiana* to the plant Roxburgh had described as *V. primulifolia* L. Roxburgh's drawing of this plant is here selected as lectotype of *Viola roxburghiana*.

Viscum ovalifolium Wall. ex DC., Prodr. 4: 278 (1830). – Type: Peninsular Malaysia, Penang, 1822, *N. Wallich s.n.* [EIC 489] (lectotype K [K001111125], designated by Danser, Bull. Jard. Bot. Buitenzorg 11: 468 [1931]; isolectotypes BM, E [E00313906, E00313907], G-DC [IDC800 LM-663/5]).

Viscum roxburghianum Korth., Verh. Batav. Genootsch. Kunst. 17: 257 (1839). – *Viscum orientale* f. *roxburghianum* (Korth.) Miq., Fl. Ned. Ind. 1: 805 (1856). – Type: Borneo, *P.W. Korthals s.n.* (lectotype L [L0603388], designated here).

A lectotype from L is designated for *Viscum roxburghianum* Korth. Danser effectively designated a specimen in K-W as lectotype for *Viscum ovalifolium* Wall. ex DC. De Candolle is far more likely to have used the specimen in G-DC to prepare his description. This specimen is not labelled with the Wallich Catalogue number, but annotations indicate that it was collected in Penang and was received from the East India Company in 1829, making it highly likely that it is a duplicate of the K-W specimen.

Vitex peduncularis Wall. ex Schauer, Prodr. 11: 687 (1847). – Type: Silhet, *F. De Silva s.n.* [EIC 1752.1] (lectotype K-W [K001114092], designated by Moldenke & Moldenke in Dassanayake, Rev. Handb. Fl. Ceylon 4: 370 [1983]; isolectotype G-DC [IDC800 LM-1914/7]).

Vitex alata Roxb., Fl. Ind. 3: 72 (1832), nom. illegit., non *V. alata* Willd. (1803), nec *V. alata* B. Heyne ex Roth (1821). – *Vitex peduncularis* var. *roxburghiana* C.B. Clarke in Hooker, Fl. Brit. India 4(12): 587 (1885). – *Vitex peduncularis* f. *roxburghiana* (C.B. Clarke) Moldenke, Phytologia 37(3): 275 (1977). – Type: *W. Roxburgh s.n.* [EIC 1752D] (lectotype K-W [K001114096], designated here).

Clarke cited the Wallich catalogue number 1752 under his *Vitex peduncularis* var. *roxburghiana*. This includes a specimen from Roxburgh's herbarium that has a label in Roxburgh's hand, bearing the name *Vitex alata*. *Vitex alata* Roxb. and *V. peduncularis* var. *roxburghiana* are here made homotypic by designating the Roxburgh specimen as lectotype for both names.

Wahlenbergia roxburghii A.DC., Monogr. Campan. 162 (1830). – *Roella paniculata* Roxb. in Beatson, Tracts St. Helena 320 (1816). – *Campanopsis roxburghii* (A.DC.) Kuntze, Revis. Gen. Pl. 2: 379 (1891). – Type: St Helena, 'Dwarf Cabbage Tree', *W. Roxburgh s.n.* (lectotype BM [BM013860203], designated by Cronk, Bull. Nat. Hist. Mus. Bot. 25: 97. [1995]; possible isolectotype BM [BM013860204]).

Willughbeia edulis Roxb., Pl. Coromandel 3: 77–78, t. 280 (1820). – *Pacouria roxburghii* Kostel., Allg. Med.-Pharm. Fl. 3: 1070 (1834), nom. illegit., superfl. – Type: [published illustration] 'Willughbya edulis', Roxburgh, Pl. Coromandel 3: t. 280 (1820) (lectotype designated by Middleton, Blumea 38: 11 [1993]).

Pacouria roxburghii Kostel. is a superfluous renaming of *Willughbeia edulis* Roxb.

Wrightia arborea (Dennst.) Mabb., Taxon 26: 533 (1977). – *Periploca arborea* Dennst., Schlüssel Hortus Malab. 15 (1818). – Type: [published illustration] 'Nelem-pala', Rheede, Hort. Malab. 9: t. 3 (1689) (lectotype designated by Turner, Taxon 70: 384 [2021]).

Wrightia tomentosa var. *roxburghii* A.DC., Prodr. 8: 405 (1844). – Type: *W. Roxburgh s.n.* (lectotype K [K001129782], designated here).

Alphonse de Candolle included *Nerium tomentosum* Roxb. in his *Wrightia tomentosa* var. *roxburghii*. The lectotype of *Nerium tomentosum* Roxb. is here designated as lectotype of de Candolle's variety.

Xanthium strumarium L., Sp. Pl. 2: 987 (1753). – Type: *Anon. s.n.* (lectotype LINN [LINN-HL 1113.1], designated by Rechinger, Fl. Iranica 164: 39 [1989]).

Xanthium roxburghii Wallr., Beitr. Bot. 1: 233 (1842). – Type: India, *W. Roxburgh s.n.* (holotype B-W [B -W 17469 -06 0]).

Wallroth's *Xanthium roxburghii* was based entirely on a Roxburgh specimen in the Willdenow Herbarium.

Xanthophyllum arnottianum Wight, Ill. Ind. Bot. 1: 50 (1838). – Type: India, Courtallam, iii 1835, *R. Wight* 53 [WC 60] (lectotype E [E00179040], designated by van der Meijden, Leiden Bot. Ser. 7: 79 [1982]).

Xanthophyllum roxburghianum Wight, Ill. Ind. Bot. 1: 50 (1838). – Type: India, Courtallam, ii 1836, *R. Wight* 51 (lectotype E [E00179038], designated by van der Meijden, Leiden Bot. Ser. 7: 79 [1982]).

Zingiber purpureum Roscoe, Trans. Linn. Soc. London 8: 348 (1807). – Type: United Kingdom, Liverpool Botanic Garden, 1824, *J. Shepherd s.n.* (neotype LINN [LINN-HS 3.9], designated by Bai *et al.*, Taxon 68: 1344 [2019]).

Zingiber cassumunar Roxb., Asiat. Res. 11: 347, t. 5 (1810). – *Amomum cassumunar* (Roxb.) Donn, Hortus Cantabrig., ed. 7, 1 (1812). – *Cassumunar roxburghii* Colla, Nov. Scitam. Gen. 10 (1830). – Type: [published illustration] Roxburgh, Asiat. Res. 11: t. 5 (1810) (lectotype designated by Bai *et al.*, Taxon 68: 1344 [2019]).

Cassumunar roxburghii Colla is a legitimate renaming of *Zingiber cassumunar* Roxb. as the potential tautonym 'Cassumunar cassumunar' is thus avoided.

Ziziphus rugosa Lam., Encycl. 3(1): 319 (1789). – Type: *P. Sonnerat s.n.* (lectotype P-LA [IDC6207 LM-127/8], designated by Turner, Taxon 70: 424 [2021]).

Ziziphus tomentosa Roxb., Fl. Ind. 2: 360 (1824), nom. illegit., non *Z. tomentosa* Poir. (1813). – *Ziziphus roxburghiana* Voigt, Hort. Suburb. Calcutt. 146 (1845). – Type: not traced.

Ziziphus roxburghiana Voigt represents a replacement name for Roxburgh's later homonym. I have not traced any original material for *Ziziphus tomentosa* Roxb., so leave the typification open.

In addition to the above, three species of fungi and a fig wasp are indirectly named after Roxburgh because they have epithets reflecting the reported host plant, which was then named after Roxburgh. These are, with host species in parentheses:

Aplosporella roxburghii Tassi, as '*Haplosporella*' (*Chavica roxburghii*)

Cercospora roxburghii Purkay. & Mallik (*Carum roxburghii*)
Multifurca roxburghii Buyck & V.Hofst. (*Pinus roxburghii*)
Sycosapter roxburghi (Joseph) syn. *Sycoryctes roxburghi* Joseph (*Ficus roxburghii*).

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Appendix

Below are listed names appearing in various listings that have a Roxburgh epithet but are not validly published or misapplied. For infraspecific taxa, the definite inclusion of the type of the species is usually the cause of the name not being validly published.

Aeschynanthus roxburghii Paxt. Bot. Dict. ex C.B. Clarke in de Candolle & de Candolle, Monogr. Phan. 5(1): 52 (1883), nomen.

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- Aglaia roxburghiana* Kurz, J. Asiat. Soc. Bengal, Pt 2, Nat. Hist. 44(3): 147 (1876).
Allmania nodiflora var. *roxburghii* Hook.f., Fl. Brit. India 4: 717 (1885).
Ammannia roxburghiana Wight: Verdcourt, Rev. Handb. Fl. Ceylon 9: 225 (1980), pro syn.
Amoora roxburghiana Korth.: Blume, Mus. Bot. 1(14): 211 (1850), pro syn.
Arundo roxburghii F.Muell., Syst. Census Austral. Pl. 135 (1882), isonym.
- Balsamea roxburghii* Engl. in de Candolle & de Candolle, Monogr. Phan. 4: 12 (1883), pro syn.
Balsamodendrum roxburghianum March. ex Baill., Adansonia 7: 266 (1867), nomen.
- Cassia roxburghiana* Graham: Wall., Numer. List n. 5323 (1831–1832), nomen.
Cassia roxburghii Steud., Nomencl. Bot., ed. 2, 1: 307 (1840), nomen.
Cassine roxburghii (Wight & Arn.) Ramamoorthy: Kostermans, Gard. Bull. Singapore 39: 180 (1986), pro syn.
- Convolvulus roxburghii* Wall., Numer. List n. 1415 (1829), nomen.
Crotalaria roxburghii Spreng., Syst. Veg., ed. 16, 3: 239 (1826), sphalm.
- Davallia roxburghii* Wall., Numer. List n. 2218 (1830), nomen.
Dendrophthoe roxburghiana Blume in Roemer & Schultes, Syst. Veg., ed. 15 bis, 7(2): 1730 (1830), nomen.
- Desmodium latifolium* var. *roxburghii* Wight & Arn., Prodr. Fl. Ind. Orient. 1: 225 (1834).
Desmodium roxburghii Wall., Numer. List n. 5716 (1831–1832), nomen.
Desmodium roxburghii Walp., Repert. Bot. Syst. 4(2): 369 (1847), pro syn.
Desmodium velutinum var. *roxburghii* Schindl., Feddes Repert. 21: 6 (1925).
Dicliptera bupleuroides var. *roxburghiana* Panigrahi & A.K.Dubey, Taxon 32: 288 (1983).
Dicliptera roxburghii T.Anderson, J. Linn. Soc., Bot. 9: 519 (1867), sphalm.
Digitaria corymbosa subsp. *roxburghiana* Henrard, Monogr. 943 (1950).
Dobera roxburghii Planch., Ann. Sci. Nat., Bot., Sér. 3, 10: 191 (1848), nomen.
- Elaeodendron glaucum* var. *roxburghii* Lawson: Kostermans, Gard. Bull. Singapore 39: 180 (1986), pro syn.
Eugenia roxburghiana Wall., Numer. List n. 3608 (1831), nomen.
Eurya roxburghii Wall., Numer. List n. 1463 (1829), nomen.
- Ficus roxburghii* Wall. ex Steud., Nomencl. Bot., ed. 2, 1: 637 (1840), nomen.
Fragaria roxburghii Wight & Arn., Prodr. Fl. Ind. Orient. 1: 300 (1834), pro syn.
- Garcinia roxburghii* Herb.Kew ex Vesque in de Candolle & de Candolle, Monogr. Phan. 8: 456 (1893), pro syn.
- Garcinia roxburghii* Kurz, Prelim. Rep. Forest Pegu App. A xiii. (1875); App. B 27 (1875). Kurz accepted *Garcinia xanthochymus* Hook.f. as the correct name in App. B.
- Gerascanthus roxburghii* (C.B.Clarke) Borhidi, Acta Bot. Hung. 34(3–4): 406 (1988), comb. inval.
Glebionis roxburghii Cass., Dict. Sci. Nat., ed. 2, 41: 41 (1826), comb. not. made.
Glebionis roxburghii (Cass.) Tzvelev., Bot. Zhurn. (Moscow & Leningrad) 84(7): 117 (1999), comb. inval.
Grewia roxburghiana Korth. ex Pierre, Fl. Forest. Cochinch. sub t. 153 (1888), nomen.
- Habenaria roxburghii* R.Br., Prodr. Fl. Nov. Holland. 312 (1810), comb. not made.
Hedychium roxburghii Siebold ex Lindl., J. Hort. Soc. London 7: 281 (1852), pro syn.
Hydrilla verticillata var. *roxburghii* Casp., Jahrb. Wiss. Bot. 1: 494 (1858).

- Jasminum roxburghianum* Wall., Numer. List n. 2870 (1831), nomen.
- Justicia roxburghiana* Hort.Berol. ex Nees in de Candolle, Prodr. 11: 722 (1847), pro syn.
- Lepidostachys roxburghii* Wall., Numer. List n. 6816 (1832), nomen.
- Ligustrum roxburghii* hort. ex Decne., Fl. Serres 22: 6. (1877), pro syn.
- Limnophila roxburghii* Benth. in de Candolle, Prodr. 10: 388 (1846), isonym.
- Lithocarpus fenestratus* var. *roxburghii* A.Camus, Bull. Soc. Bot. France 90: 201 (1943).
- Loranthus roxburghianus* Blume ex Schult.f. in Roemer & Schultes, Syst. Veg., ed. 15 bis, 7(2): 1730 (1830), nomen.
- Macaranga roxburghii* Wight, Icon. Pl. Ind. Orient. 5(1): 23; 6: t. 1949, f. 4 (1851), isonym.
- Myristica roxburghii* (Warb.) Boerl., Handl. Fl. Ned. Ind. 3(1): 85 (1900), pro syn.
- Olea roxburghii* Wall., Numer. List n. 2816E (1831), nomen.
- Phyllanthus tenellus* var. *roxburghii* Müll.Arg., Linnaea 32: 7 (1863).
- Premna roxburghiana* Wall., Numer. List n. 2648 (1831), nomen.
- Protionopsis roxburghiana* Blume, Mus. Bot. 1(15): 229 (1850–1851), comb. not made.
- Rhus roxburghii* Steud., Nomencl. Bot., ed. 2, 2: 452 (1841), pro syn.
- Rosa roxburghii* Sweet, Hort. Brit. 138 (1826), nomen.
- Rubus roxburghianus* Wall., Numer. List n. 732 (1829), nomen.
- Rumex roxburghianus* Wall., Numer. List n. 1731 (1829), nomen.
- Sarcostigma roxburghii* Wall. ex Griff., Proc. Linn. Soc. London 1(28): 282 (1846), Griffith does not clearly accept the name.
- Schefflera elliptica* var. *roxburghii* (Gamble) M.Mohana, Fl. Kerala 2: 564 (2016).
- Sclerostylis roxburghiana* Hook.f. & Thomson, Fl. Brit. India 1(3): 513 (1875), pro syn.
- Smilax roxburghiana* Wall., Numer. List n. 5115 (1831–1832), nomen.
- Solanum roxburghii* Dunal ex D.Don, Prodr. Fl. Nepal. 96 (1825), pro syn.
- Spermacoce roxburghiana* Wall., Numer. List n. 6186 (1831–1832), nomen.
- Sterculia roxburghiana* Wall., Numer. List n. 1124 (1829), nomen.
- Torenia roxburghii* Buch.-Ham. ex Wall., Numer. List n. 3856A (1831), nomen.
- Toxocarpus roxburghii* Griff., Not. Pl. Asiat. 4: 68 (1854), isonym.
- Trachyspermum roxburghianum* H.Wolff in Engler, Pflanzenr. Umbellif.-Apioid.-Ammin. 129 (1927), not accepted by Wolff.
- Typhonium roxburghii* Baker
- Unona roxburghiana* Wall., Numer. List n. 6428A (1832), nomen.
- Uvaria roxburghiana* Wall., Numer. List n. 6423A (1832), nomen.
- Vilfa roxburghii* Nees ex Trin., Mém. Acad. Imp. Sci. Saint-Pétersbourg, Sér. 6, Sci. Math., Seconde Pt Sci. Nat. 6(2, Bot.): 59. (1840).