

The collections of Lauraceae in the Herbarium of Henri Van Heurck (AWH)

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Background and aims – The collections of Lauraceae in the Van Heurck Herbarium (AWH), which is currently on permanent loan to BR, have remained unknown by most of the specialists and by the general public up until the present. The taxonomic status of its one hundred and forty nine specimens of Lauraceae is here presented.

Methods – Standard herbarium taxonomy practices were used in conjunction with the literature available. Specimens from fifty eight different herbaria were studied personally, or by checking their holdings available in the internet, or from digital images received from the curators.

Key results – The specimens of Lauraceae from AWH are distributed in twenty four genera and seventy eight species with taxonomic status resolved, excepting for three specimens pertaining to species name of status uncertain (one), or to unresolved determination (two). From them, fifty three specimens are nomenclatural types of any sort, which corroborate the relevance of exsiccates acquired by Van Heurck, even for this relatively small set of specimens for the family. Fifteen lectotypifications and one neotypification of species names are proposed here.

Key words – Lauraceae, historical collections, nomenclature, taxonomy.

INTRODUCTION

Henri Ferdinand Van Heurck (1838–1909, for biographical notes see Chalon 1909, Verleyen 1943, Frison 1959) is well known for his pioneering work in microscopy (e.g. *Le microscope*, Van Heurck 1865) and for his achievements on diatoms (e.g. *Synopsis des diatomées de Belgique*, Van Heurck 1880–1885; *A Treatise on the Diatomaceae*, Van Heurck 1896). Perhaps less well known is his interest in natural history from his early youth, and that his herbarium was the largest in Belgium at that time (see Fryxell 1979). In the beginning of the last century, Chalon (1909) reported that the herbarium contains about 300,000 specimens of angiosperms and includes, most notably, the Sieber-von Reichenbach herbarium as well as lesser known herbaria such as those of R. Naveau, L. Schammel, and Joseph W. Congdon (Fryxell 1979).

According to Martinis (1870) and Frison (1959: 38), Van Heurck bought Sieber-Von Reichenbach's herbarium in 1867, two years before the decease of Reichenbach. Franz Wilhelm Sieber was born in Prague in 1785 (where he deceased on 17 Dec. 1844), and he started to form his herbarium at the end of the 18th century. He devoted his entire life to collect and to promote the gathering of plants from all parts of the world.

The huge herbarium of Sieber, encompassing a large number of duplicates, was acquired by the Baron Dr. Karl von Reichenbach (born on 12 Feb. 1788, in Stuttgart – deceased on 19 Jan. 1869, in Leipzig) by purchase in 1837. In a census made in 1867, the Van Heurck Herbarium had about 40,000 species. In 1868, the herbarium was enriched with other 20,000 species, mainly from material received from *Hooker* (10,000), *Cosson*, *Parlatore*, *Ball*, *Husnot*, *Baron de Césati* (2,000 species from Herbarium Gussone), *Planchon*, etc., encompassing a number of about 250,000 specimens (Martinis 1870, Chalon 1909, Verleyen 1943). In 1885, Verleyen (1943) informs that the herbarium had about 70,000 species. After Van Heurck's death his collections and herbarium were purchased by the municipality of Antwerp (Verleyen 1943: 58, 60) (see Robbrecht 2007). In 2006, the herbarium AWH (Henri Van Heurck Museum, Antwerp) was transferred on permanent loan to BR, with Van Heurck's diatom collection (7,500 samples or preparations) and a worldwide herbarium (see National Botanic Garden of Belgium 2013).

Martinis (1870) informed that the Van Heurck Herbarium is particularly rich in collections of several renowned collectors, viz., from Brazil: *Poeppig*, *Martius* (500 spp.), *Spruce* (4,000 spp.), *Blanchet*, *Claussen*, *Salzmann* (700 spp.); from Bolivia: *Mandon* (800 spp.); South Africa: *Zeyher* (1,300

spp., Cape); Philippines: *Cuming* (800 spp.). It has important Asian collections by *Griffith*, *W.H. Sykes* & *T.S. Ralph* (1,000 spp.), *Hamilton*, *Wallich*, *Smith*, *Fraser* (200 spp., Sri Lanka), *Thwaites* (500 spp., Sri Lanka), *Metz* (800 spp. from Canara, India; 600 spp. from Nilgiri, India), and others. A special collection of authentic types by *Alexis Jordan*, *Alexandre Boreau*, etc., was kept separate. Martinis also mentioned that the herbarium has an immense number of plants which were treated by Alphonse de Candolle in the *Prodromus*, hundreds of Algae by Agardh, a cryptogamic collection by Rabenhorst, the Kützing decades, a good number of plants described by Linné, Endlicher, Tenore, Schrader, etc., and thousands of duplicates sent by Sebastién-Réné Lenormand.

In Van Heurck (1870, 1871), many new species were described by Van Heurck and collaborators, based on specimens presented in his own herbarium and in G-DC. For most of them, the specimen at AWH would be assumed as the holotype and the one at G-DC as an isotype [e.g. *Peperomia casimirii* Van Heurck & Müll.Arg. in Van Heurck (1870: 111). – Type: Martinique, *Sieber* s.n. (holo-: AWH; iso-: G-DC)]. However, there are authors that have selected one of them as a lectotype (e.g. Knapp 2002). Additionally, holotypes (lectotypes) of names described by other authors can also be found at AWH, e.g. *Rhynchospora tenerrima* Nees ex Spreng. (Sprengel 1827: 26). – Type: West Indies, “Nov. Holl.” [sic], *Kohaut* s.n., distributed as *F.W. Sieber* *Agrostotheca Novæ Hollandiæ* 116 (holo-: AWH) (see Strong 2006: 159, P. Moraes, UNESP–Rio Claro, Brazil, unpubl. res.).

According to Martinis (1870), several researchers revised the collections at AWH, viz., Wesmael (1868, *Populus*), Spring (Lycopodiaceae), Parlatores (*Fumaria*), Endlicher (Taxaceae), Planchon (Ulmaceae), Müller Argoviensis (Euphorbiaceae, Resedaceae). Fryxell (1979) reinforced the great importance of the Van Heurck Herbarium to systematic botany; in his words, “Botanists seeking to locate types of species published by the authors named above or by other 19th century authors should recognize that many of them can be found in the Van Heurck herbarium”. In spite of that, it seems that the collections at AWH remain overlooked by many of our contemporary botanists, judging from the lack of citations of its specimens in the taxonomic treatments of most plant groups.

Regarding the specimens of Lauraceae in AWH, apparently just a few people have analysed them. At least from annotations found on labels, only André Kostermans has explicitly annotated a great portion of the specimens (82) on 20 Apr. 1938, and Ferguson (1971, 1974) also cited some of them.

This study is based on herbarium material from the herbaria A, B, BC, BHUPM, BM, BM-SL, BR, C, CAL, CAS, CGE, COI, CORD, E, F, FI-W, FR, G, G-DC, GH, GOET, GRA, GZU, HAL, HBG, JE, K, K-W, KIEL, KR, L, LD, LE, LINN, M, MA, MG, MEL, MO, MPU, NY, OXF, P, P-JU, P-LA, PI, RB, REG, S, SBT, SGO, SI, SP, TCD, U, UPS-KALM, UPS-THUNB, US, USCH, VT, W, WRS�, and WU. “Original material”, indicated along the text, relies on Art. 9.2 & 9.3 ICN (McNeill et al. 2012). For convenience, the species are presented in alphabetic order from current ac-

cepted names. Accepted names appear in **boldface italics**, synonyms in *italics*.

ANNOTATED LIST OF SPECIES OF LAURACEAE IN AWH

1. *Actinodaphne stenophylla* Thwaites (Thwaites 1861: 256). – Types: Sri Lanka, Badulla District, s.d., *s. coll.* in *Thwaites* C.P. [Ceylon Plants] 303 (lecto-: PDA n.v., designated by Kostermans 1995: 140, as ‘Type’); Sri Lanka, s.d., *Thwaites* C.P. [Ceylon Plants] 2491 (syn-: K).

Actinodaphne thwaitesii Meisn. (Meissner 1864: 212). – Types: Sri Lanka, s.d., *s. coll.* in *Thwaites* C.P. [Ceylon Plants] 2277, p.p. (lecto-: PDA n.v., designated by Kostermans 1995: 141, as ‘Type’; isolecto-: GH); Sri Lanka, Badulla, s.d., *Thwaites* C.P. [Ceylon Plants] 304 (syn-: AWH, BM [2 sheets], BR, FR, G-DC, K [3 sheets], NY [2 sheets], P [4 sheets]).

2. *Aiouea benthamiana* Mez (Mez 1889: 48). – *Aiouea brasiliensis* Meisn. var. *glabriflora* Meisn. (Meissner 1864: 83), p. p. quoad spec. cit. *Spruce* 2414. – Type: Brazil, Amazonas, São Gabriel da Cachoeira, “prope San Gabriel da Cachoeira”, Jan.–Aug. 1852, *Spruce* 2414 (lecto-: G [F neg. 27583], designated by Kostermans 1938a: 102; isolecto-: AWH, BM, BR, C, E, F, G, GH, GOET, K, LE, MG, NY, OXF, P).

3. *Aiouea laevis* (Mart.) Kosterm. (Kostermans 1938a: 84). – *Cryptocarya laevis* Nees ex Mart. (Martius 1838: 64). – Type: Brazil, Rio de Janeiro, “crescit in sylvis Caa-poera dictis ad Sebastianop.”, Jun., *Martii Herbar. Florae Brasil.* 237 (holo-: BR [annotated by Nees as “*Cryptocarya pyriformis* levis N. ab. E.”]; iso-: AWH [2 sheets], B⁺ [F neg. 3782], BM, BR, E, G [4 sheets], G-DC, GH, HAL, JE [2 sheets], K [3 sheets], KR, L [2 sheets], LE [2 sheets], M [4 sheets], MO, NY, P [2 sheets], WRS�).

Aiouea brasiliensis Meisn. var. *glabriflora* Meisn. (Meissner 1864: 83). – *Laurus maxima* Salzmann ex Meisn. (Meissner 1864: 83), **nom. invalid.** – Type: Brazil, Bahia, loco haud indicato, “in convallibus”, 1830, *Salzmann* s.n. [478] (syn-: AWH, BR, E, G [2 sheets], G-DC, HAL [2 sheets], K [2 sheets], M).

Further synonyms in Kubitzki & Renner (1982).

4. *Alseodaphne semecarpifolia* Nees in Wallich (1831: 72). – *Persea semecarpifolia* (Nees) Trimen (Trimen 1885: 75). – Type: India, loco haud indicato, s.d., fl., “*Laurus semecarpifolia* Wallich Cat. 2586 A” (lecto-: K-W, designated by Kostermans 1995: 132, as ‘Type’; isolecto-: BM [ex Herb. Heyne]). – Other specimens: India, Kerala, “Terr. Canara et confin. / prope u. Tellitscherry”, Mar. 1848, fl, fr, *Metz* 716 (AWH, K, P [2 sheets]).

5. *Aniba affinis* (Meisn.) Mez (Mez 1889: 63). – *Aydendron affine* Meisn. (Meissner 1864: 92). – Type: Brazil, Amazonas, São Gabriel da Cachoeira, “in fl. Negro ripis infra cataractas S. Gabriel”, Dec. 1854, *Spruce* 3769 (lecto-: K, designated by Mez 1889: 63–64; second-step lectotype [Art. 9.17

ICN; McNeill et al. 2012], designated by Kostermans 1938c: 891: K [000601902]; islecto-: AWH, B[†] [F neg. 3798], BM, BR, E, G [2 sheets], GH, GOET, K [2 sheets], LE, OXF, P [2 sheets]].

6. *Aniba bracteata* (Nees) Mez (Mez 1889: 66); Kostermans (1938c: 879); Kubitzki in Kubitzki & Renner (1982: 35). – *Aydendron bracteatum* Nees (Nees von Esenbeck 1836: 256); Meissner (1864: 91). – Type: St. Vincent, s.d., fl, fr, *Anonymous* s.n. (lecto-: E [annotated by Nees], **designated here**; possible islecto-: AWH [ex Herb. Sieber; fig. 1]).

Aydendron verticillatum Meisn. (Meissner 1864: 91). – Type: St. Vincent, s.d., fl, *Guilding* s.n. (holo-: K).

Further synonyms in Kubitzki & Renner (1982).

In the protologue, Nees indicated “Ex insula St. Vincentii. Vidi siccum in Herbario cl. Schott”. None of the posterior authors has found such specimen. However, the specimen at E is the only one located that is annotated by Nees, whereas the specimen at AWH shows the same pattern of leaf discoloration as presented in the former.

7. *Aniba panurensis* (Meisn.) Mez (Mez 1889: 58). – *Aydendron panurense* Meisn. (Meissner 1864: 89). – Type: Brazil, Amazonas, “prope Panurê ad Rio Uaupês”, Oct. 1852–Jan. 1853, fl, immat fr, *Spruce* 2603 (lecto-: K, designated by Kubitzki in Kubitzki & Renner 1982: 63, as ‘holotype’; islecto-: AWH, BM, BR, C [F neg. 22064], E, G [2 sheets], G-DC, GH, GOET, K, LE, MG, NY [2 sheets], OXF, P [2 sheets], RB, TCD).

For synonyms, see Kubitzki & Renner (1982).

8. *Aniba puchury-minor* (Mart.) Mez (Mez 1889: 70). – *Ocotea puchury-minor* Mart. (Martius 1830: 172). – *Nectandra puchury-minor* (Mart.) Nees (Nees von Esenbeck 1836: 336). – Types: Brazil, Amazonas, “in sylvis Japurensibus”, Dec. 1819, fr, *Martius* s.n. (lecto-: M, designated by Mez 1889: 70; islecto-: B[†]); Brazil, Amazonas, “in sylvis secus fl. Solimões”, Nov. 1819, fr, *Martius* s.n. (syn-: GZU [fragment], M); Brazil, Amazonas, loco haud indicato, 1819, fr, *Martius* s.n. (syn-: M).

Aydendron amazonicum Meisn. (Meissner 1864: 89). – *Aniba amazonica* (Meisn.) Mez (1889: 69). – Type: Peru, Loreto, Yurimáguas, Jun. 1831, fl, *Poeppig* 2478 (lecto-: B[†] [F neg. 3799], designated by Kubitzki in Kubitzki & Renner 1982: 57, as ‘holotype’; islecto-: AWH, BM, F, G, GOET, HAL, KIEL, L, NY, P, US).

In the protologue of *Ocotea puchury-minor*, Martius described the species based on fruiting material. He also informed its distribution: “Sie wachsen einzeln zerstreut in den Wäldern am Rio Negro und Yupurá, viel seltener an dem Solimoes oder Amazonas, oberhalb seiner Vereinigung mit dem Rio Negro.”, which agrees with the specimens kept at Munich and with the indication by Nees von Esenbeck (1836).

9. *Apollonias barbujana* (Cav.) A. Braun (Braun 1852: 78), as “*Barbusana*”. – *Laurus barbujana* Cav. (Cavanilles 1801: 52). – “*Laurus barbusano*” after Link in Buch (1825: 140). – “*Laurus Barbusana*” after Lowe (1833: 16, 1851: 16). –

Phoebe barbusana Webb & Berthel. (Webb & Berthelot 1846: 223, t. 203). – Type: Canary Islands, Tenerife, s.d., *Broussonet* s.n. (unlocated). – Other specimens: Madeira, 1856, *Mason* s.n. (AWH, P); Madeira, “in sylvis Ribera de S. Luzia, Ribera de S. Juan, etc., 700–1000 m”, May–Nov. [1865–1866], *Mandon* 218 (AWH, COI, P [6 sheets]).

Laurus canariensis Willd. (Willdenow 1809: 435). – *Persea canariensis* (Willd.) Spreng. (Sprengel 1825: 268). – *Apollonias canariensis* (Willd.) Nees (Nees von Esenbeck 1833b: 10, 1836: 96), **nom. illegit.** – Type: Canary Islands, s.d., fl, *Anonymous* s.n. (holo-: B-W [07791 -00 0 & 07791 -02 0]). – Other specimen: Canary Islands, Tenerife, s.d., fr, *Broussonet* s.n. (B-W [07791 -01 0]).

Laurus reticulata Poir. in Lamarck (1813: 322). – Types: Canary Islands, Tenerife, “arbor excelsa in Teneriffe montuosis”, s.d., fl, ex *Herb. Desfontaines* (lecto-: FI-W [Fototeca No. 2759/A], **designated here**); Canary Islands, s.d., fl, fr, ex *Herb. Desfontaines* (syn-: FI-W [Fototeca No. 2759/B], P [ex Herb. Poir. in Herb. Moquin-Tandon]); Canary Islands, s.d., fr, *Riedlé* s.n. ex *Herb. Desfontaines* (syn-: FI-W [Fototeca No. 2759]).

Apollonias canariensis (Willd.) Nees var. *major* Meisn. (Meissner 1864: 65). – Types: Canary Islands, “Insul. Gomera, in sylvis”, s.d., *Bourgeau* 140 (syn-: AWH, P [4 sheets]); Madeira, Palmeira, s.d., *Lowe* 406 (syn-: K, P); Madeira, 1857, *Mason* 356 (syn-: P [2 sheets]).

According to Garilleti (1993: 69), no original material of *Laurus barbujana* Cav. was found in LINN or MA.

The species name has been erroneously attributed to Bornmüller (1904: 420) as *Apollonias barbujana* (Cav.) Bornm.

10. *Beilschmiedia miersii* (Gay) Kosterm. (Kostermans 1938c: 860). – *Bellota miersii* Gay (1851 [1852]: 298). – Types: Chile, Valparaíso, “in nemoribus Aconcagua”, s.d., fl, *Gay* 236 (lecto-: P, designated by Kostermans 1938c: 860); Chile, Prov. Santiago, “in sylvis La Dormida, Maypu”, Dec. 1830, fl, *Gay* 2079 (syn-: SGO). – Other specimens: Chile, “in sylvis densis collium editionum Quilota”, Oct. 1829, *Bertero* 1078 (AWH, G-DC, GH [2 sheets], M, P [3 sheets]).

11. *Cassytha filiformis* L. (Linnaeus 1753: 35). – Type: India, s.d., *Osbeck* s.n. (lecto-: Herb. Linn 519.1, LINN, designated by Imkhanitskaya 1974: 208). – Other specimens: St. Vincent, s.d., *Sieber* 494 (AWH); Mauritius, s.d., *Sieber* Fl. Mauritian. II 139 (AWH); India, “in virgultis pr. Mangalor”, Apr., *Anonymous* 2277 (AWH); Patria haud indicata, loco haud indicato, s.d., *Osbeck* s.n. (S).

Synonyms in Weber (1981).

12. *Cassytha pubescens* R.Br. (Brown 1810: 404). – Types: Australia, [most likely New South Wales or Victoria, fide Weber 1981], Iter Australiense, 1802–1805, *Brown* [Bennett] 3021 (lecto-: BM, designated by Weber 1981: 221; iso-: K); Australia, eastern seaboard, 1770, *Banks & Solander* s.n. (syn-: BM [2 sheets]).

Cassytha glabella Sieber ex Meisn. (Meissner 1864: 256), **nom. invalid.** – Other specimens: Australia, 1825, *Sie-*



Figure 1 – Possible isoelectotype of *Ayndendron bracteatum* (AWH 28366 ex Herb. Sieber).

ber Fl. Novae Holl. 218 (AWH, BM, G [2 sheets], HAL, K, P [2 sheets]).

Further synonyms in Weber (1981).

13. *Cinnamomum camphora* (L.) J.Presl (Presl 1825a: 36, 47–56, t. 8). – *Laurus camphora* L. (Linnaeus 1753: 369). – Type: Japan, Herb. Linn. No. 518.7 (lecto-: LINN, designated by Kostermans 1978: 11). – Other specimens: Japan, loco haud indicato, s.d., *Sieber* s.n. (AWH); Martinique, loco haud indicato, s.d., *Sieber* s.n. (AWH); Patria haud indicata, loco haud indicato, s.d., *Anonymous* s.n. (AWH).

Synonyms in Kostermans (1964, 1986).

14. *Cinnamomum citriodorum* Thwaites (Thwaites 1861: 253). – *Camphora citriodora* (Thwaites) Lukman. (Lukmanoff 1889: 24). – Types: Sri Lanka, Ratnapura District, Galagama, Apr., s. coll. in *Thwaites* C.P. [Ceylon Plants] 393 (lecto-: PDA n.v., designated by Kostermans 1995: 125, as ‘Type’; isolecto-: BO n.v.); Sri Lanka, “Safragam District and near Galagama, at an elevation of 1000 to 2000 feet” [to 4000’], s.d., fl, fr, *Thwaites* C.P. [Ceylon Plants] 393 (syn-: AWH, B [2 sheets], BM, BR [2 sheets], FR, G, G-DC, K, MPU, P [4 sheets]).

15. *Cinnamomum litseifolium* Thwaites (Thwaites 1861: 253), as “*litseaeifolium*”. – *Cinnamomum litseifolium* var. *willdenowii* Lukman. (Lukmanoff 1889: 15). – Type: Sri Lanka, Badulla District, Apr., s. coll. in *Thwaites* C.P. [Ceylon Plants] 392 (lecto-: PDA n.v., designated by Kostermans 1995: 123, as ‘Type’; isolecto-: BO n.v.); Sri Lanka, “Hapootelle, in the Central Province, at an elevation of 5000 feet”, s.d., fl, *Thwaites* C.P. [Ceylon Plants] 392 (original material: AWH 28201, B, BM, BR, FR, G, G-DC, K, L, MPU, P [3 sheets], WU).

16. *Cinnamomum verum* J.Presl (Presl 1825a: 36–37, t. 7). – *Laurus cinnamomum* L. (Linnaeus 1753: 369). – Type: Herb. Clifford: 154, *Laurus* 6, sheet B (lecto-: BM, designated by Wu-Kuang 2011: 261). – Other specimens: St. Vincent, loco haud indicato, s.d., *Sieber* 193 (AWH); Guiana, loco haud indicato, s.d., *Sieber* s.n. (AWH); Trinidad and Tobago, loco haud indicato, s.d., *Sieber* s.n. (AWH); Mauritius, loco haud indicato, s.d., *Sieber* s.n. (AWH); Indonesia, “Amboyna”, loco haud indicato, s.d., *Smith* s.n. (AWH); India, Beema Shunkur, 6 May 1828, *Sykes* s.n. (AWH).

Further information in Kostermans (1964, 1965). See also Marshall (1817) and Wight (1840).

17. *Cryptocarya alba* (Molina) Looser (Looser 1951: 65). – *Peumus rubra* Molina, *P. alba* Molina & *P. mammosa* Molina (Molina 1782: 185, 350). – *Laurus peumo* Dombey ex Lam. (Lamarck 1792: 455), **nom. invalid.** – *Laurus peumus* Molina (Molina 1810: 287). – *Cryptocarya peumus* (Molina) Nees (Nees von Esenbeck 1836: 222, 675). – *Cryptocarya rubra* (Molina) Skeels (Skeels 1909: 15), **nom. illegit.**, non Blume (1823: 65). – *Cryptocarya peumo* (Dombey ex Lam.) Kosterm. (Kostermans 1937: 565), pro syn. – *Cryptocarya mammosa* (Molina) Kosterm. (Kostermans 1953: 61).

– Type: Chile, Concepcion, 1782, fl, fr, *Dombey* s.n. [206] (neo-: P, designated by Kostermans 1937: 562, as ‘Lecto-typus’; second-step neotype, **designated here**: P [00745422]; isoneo-: A, BM, E, F [F neg. 40492], F, G-DC, GH [2 sheets], K [2 sheets], L, MA [3 sheets], NY [2 sheets], P [4 sheets], U, US [2 sheets]). – Other specimens: Chile, mountain forest of Rancagua and Quillota, May, Sep. 1828, *Bertero* 362 & 1079 (AWH, BM, E, G, G-DC, GH, M, MO, NY, OXF, P [5 sheets], PI).

Laurus peumo Ruiz & Pav. (Ruiz & Pavón [unpublished in Fl. Peruv. 4(2): t. 358, fig. a. 1804–1830] 1956: 23–25 & 56). – *Cryptocarya peumo* (Ruiz & Pav.) Kosterm. (Kostermans 1937: 565), cited as a synonym in observations. – Type: Chile, Concepcion, 1782, fl, *Dombey* s.n. (lecto-: MA [811737], **designated here**). – Other specimens: Chile, loco haud indicato, s.d., *Ruiz & Pavón* s.n. (P ex Herb. Pavón 36); idem, loco haud indicato, s.d., *Ruiz & Pavón* s.n. (OXF).

Icosandra rufescens Phil. (Philippi 1857: 40). – Type: Chile, “prope Tomé, in prov. Concepcion”, Nov. 1854, fl, *Germain* s.n. (holo-: SGO; iso-: HAL, SGO).

Cryptocarya stenantha Phil. (Philippi 1864: 228). – *Cryptocarya peumus* var. *stenantha* (Phil.) Mez (Mez 1889: 16). – Type: Chile, “prope Valparaiso”, Dec. 1862, fl, *Philippi* s.n. (holo-: SGO; iso-: K, P, SGO).

Cryptocarya boldus (Molina) Pax (Pax 1889: 107, fig. 70C), **nom. invalid.**

Cryptocarya peumus (Molina) Nees var. *laxiflora* Phil. ex Mez (Mez 1892: 107). – *Cryptocarya laxiflora* Phil. (Philippi 1895: 503). – Type: Chile, Prov. Santiago, “Las Mercedes”, Nov., fl, *Philippi* s.n. (BM).

The complete history of the nomenclatural intricacies of *Cryptocarya alba* are covered by Looser (1935, 1951, 1963), and Kostermans (1939a, 1952). The correct combination was made by Looser (1951) in an article that was effectively issued in January 1951. The name in effect at that time was *Cryptocarya rubra* (Molina) Skeels. However, Looser found that it was a later homonym of *Cryptocarya rubra* Blume from Indonesia. Kostermans (1953), not being aware that Looser had published the combination *C. alba* (Molina) Looser, published the combination *C. mammosa* (Molina) Kosterm., based on the third species of Molina, thus, a mere synonym. Previous discussion was also presented by Hooker & Arnott (1830: 45). According to Kostermans (1952: 89), Molina described the species of *Peumus* after living plants, and he did not conserve herbarium specimens.

Information on the specimens by Dombey and by Ruiz & Pavón at Madrid can be found in Alvarez Lopes (1956) and Ruiz & Pavón (1989).

18. *Cryptocarya angustifolia* E.Mey. ex Meisn. (Meissner 1864: 74). – Types: South Africa, Orange river, s.d., fl, *Drège* s.n. (lecto-: G-DC, designated by Kostermans 1938b: 96; isolecto-: CGE, G, HBG [509011; right-hand specimen], JE [00004401; left-hand specimen], JE, K [2 sheets], L [0036061; right-hand specimen], L [2 sheets], MEL [2 sheets], MO, NY, P [4 sheets], REG, S); South Africa, Swellendam, Hex River and Buffeljag River, Nov., fl, fr, *Zeyher* 1128 (syn-: AWH, K [2 sheets], MEL, P, S).

19. *Endiandra hypotephra* F.Muell. (Mueller 1866: 166). – Types: Australia, Queensland, Cardwell, Meunga Creek, Rockingham Bay, s.d., *Dallachy* 1 (lecto-: MEL [0565959], designated by Hyland 1989: 233); Australia, Queensland, Rockingham Bay, *Dallachy* s.n. (syn-: AWH, BM, K, L [4 sheets], MEL [36 sheets], NY); Australia, Queensland, Rockingham Bay, *Dallachy* 14 (syn-: MEL).

As pointed out by Bentham (1870: 301), F. Mueller included both *Endiandra glauca* R.Br. (Brown 1810: 402) and the present species under the name of *E. hypotephra*, but his description applies more especially to the present one.

20. *Endlicheria anomala* (Nees) Mez (Mez 1889: 133). – *Goeppertia anomala* Nees (Nees von Esenbeck 1836: 370). – Type: Brazil, Amazonas, Rio Amazonas, Tefé, “near Ega”, Sep. 1831, *Poeppig* 2552 (lecto-: W, designated by Kostermans 1937: 508; isolecto-: B, BM, F, G, G-DC [F neg. 7304], GOET, GZU, HAL, KIEL, LE, NY, OXF, P [2 sheets]).

Goeppertia polyantha Meisn. (Meissner 1864: 175). – Types: Brazil, Amazonas, Manaus, “prope Barra”, Jul. 1851, fl ♂, *Spruce* 1648 (lecto-: G-DC [F neg. 7305], **designated here**; isolecto-: AWH, BM, BR, C, E, G [2 sheets], GH, GOET, K [2 sheets], LE, MG, NY, OXF, P [2 sheets]); Brazil, Amazonas, Manaus, “in vicinibus Barra”, Apr. 1851, fl ♂, *Spruce* [Nectandra (6)] 1433 (syn-: AWH, BM, E [2 sheets], G [2 sheets], G-DC, GH, K [2 sheets], LE, M, NY [2 sheets], OXF, P [2 sheets]); Guiana, loco haud indicato, s.d., fl ♀, immat fr, *Schomburgk* 784 (syn-: B, BM, F, G, K [3 sheets], MO, OXF [2 sheets], P [2 sheets], U [2 sheets]).

21. *Endlicheria bracteolata* (Meisn.) C.K.Allen (Allen 1964: 64). – *Goeppertia sericea* (Nees) Nees var. *bracteolata* Meisn. (Meissner 1864: 174). – Type: Venezuela, Amazonas, “prope San Carlos”, Sep. 1853, fl ♂, *Spruce* 3092 (lecto-: G-DC, **designated here**; isolecto-: AWH, BM, BR, C, E, G [2 sheets], GH, GOET, K [2 sheets], LE, NY, OXF, P [2 sheets], U).

22. *Endlicheria macrophylla* (Meisn.) Mez (Mez 1889: 128). – *Ampelodaphne macrophylla* Meisn. (Meissner 1864: 81). – Types: Brazil, Amazonas, Manaus, “in vicinibus Barra”, Apr. 1851, fl ♂, *Spruce* 1453 (lecto-: K, designated by Kostermans 1937: 523; isolecto-: BM, BR, C, E, F [fragment], G, G-DC [F neg. 7295], GH, GOET, L, LE, MG, NY [2 sheets], P [2 sheets]); Brazil, Amazonas, Manaus, “in vicinibus Barra”, Apr. 1851, *Spruce* 1453 bis (syn-: AWH [*Spruce* s.n.], BM, BR, E, GOET, K [2 sheets], NY, P [2 sheets], TCD); Brazil, Amazonas, Manaus, “in locis arenosis Barra”, Sep. 1828, *Riedel* 1411 (syn-: G, GOET, K, L, LE [5 sheets], NY, OXF).

23. *Endlicheria paniculata* (Spreng.) J.F.Macbr. (Macbride 1938: 850). – *Citrosma paniculata* Spreng. (Sprengel 1825: 545). – *Siparuna paniculata* (Spreng.) A.DC. (Candolle 1868: 656). – Type: Brazil, loco haud indicato, s.d., fl ♀, *Sellow* s.n. (holo-: B⁺).

Goeppertia longifolia Nees (Nees von Esenbeck 1836: 368). – *Endlicheria longifolia* (Nees) Mez (Mez 1889: 119). – Type: Peru, Cuchero, Nov. 1829, fl ♂, *Poeppig* 1520 (syn-:

AWH, B⁺ [F neg. 3818], BM, F, G, GOET, GZU, HAL, LE, NY, OXF, P, U [fragment]).

For a complete list of synonyms and typifications, see Chanderbali (2004) and Moraes (2008, 2012a).

24. *Endlicheria sericea* Nees (Nees von Esenbeck 1833a: 38). – *Goeppertia sericea* (Nees) Nees (Nees von Esenbeck 1836: 369). – *Aydendron sericeum* (Nees) Griseb. (Grisebach 1860: 284). – *Aniba sericea* (Nees) Brooks (Brooks 1931: 3, 19, 42). – Types: St. Vincent, s.d., fl ♂, *Sieber* Fl. Trinitatis 175 (lecto-: B⁺, designated by Kostermans (1937: 546); E [fl ♂, annotated by Nees], **designated here**; isolecto-: AWH, GH, GZU [only the fragment ex Herb. Arnott], HAL, L [2 sheets], OXF, P); (syn-: BM, G [F neg. 34085], G-DC, LE, MO, OXF). – Other specimen: Dominica, s.d., *Anonymous* s.n. (AWH, ex Herb. Sieber).

As pointed out by Brooks (1933), the species does not occur in Trinidad and Tobago. As indicated by Nees von Esenbeck (1836) and Chanderbali (2004), the specimens distributed by Sieber represent different collections.

25. *Endlicheria sprucei* (Meisn.) Mez (Mez 1889: 125). – *Goeppertia sprucei* Meisn. (Meissner 1864: 172). – Type: Brazil, Amazonas, “prope Panuré ad Rio Uaupés”, Nov. 1852, fl ♂, *Spruce* 2769 (lecto-: K, designated by Kostermans 1937: 514; isolecto-: AWH, B [F neg. 3821], BM, BR, E, G, K, NY, OXF, P, RB [fragment]).

26. *Laurus azorica* (Seub.) Franco (Franco 1960: 96, 101). – *Persea azorica* Seub. (Seubert 1844: 29, t. 6). – *Laurus canariensis* Webb & Berthel. var. *elliptica* Meisn. (Meissner 1864: 233), **nom. illegit.** – Type: Azores, “in sylvis ins. Pico frequens alt. 1000–2000”, “Laurus Barbusano. Cav. var. azorica”, Jul. 1838, fr, *Hochstetter* 33 (lecto-: KR, **designated here**; isolecto-: P [02003378; left-hand specimen], P [02003379; left-hand specimen]). – Other specimens: Azores, Island of St. Michael, 1846–1848, *Hunt* 226 (AWH [2 sheets], E, MEL [2 sheets], P [12 sheets]).

27. *Laurus nobilis* L. (Linnaeus 1753: 369). – Type: Herb. Clifford: 155, *Laurus* 7, sheet 7 (lecto-: BM, designated by van der Werff in Jarvis et al. 1993: 60). – Other specimens: Belgium, 1834, *Anonymous* s.n. (AWH); Croatia, Island of Cres, “Insel Chersu”, s.d., *Sadler* s.n. (AWH); France, Montpellier, s.d., ex *Herb. Kühlewein* (AWH); Greece, Attica, Apr., *Heldreich* s.n. (AWH); Greece, Crete, M. Sphak, s.d., *Sieber* s.n. (AWH); Patria haud indicata, loco haud indicato, 1825, *de Candolle* s.n. (AWH).

28. *Laurus novocanariensis* Rivas Mart., Lousã, Fern.Prieto, E.Días, J.C.Costa & C.Aguiar (Rivas-Martínez et al. 2002: 703). – *Laurus canariensis* Webb & Berthel. (Webb & Berthelot 1846: 229, t. 206), **nom. illegit.**, non *Laurus canariensis* Willd. (Willdenow 1809: 435). – Types: Canary Islands, Tenerife, “in sylvis Teneriffae”, 1856, fl, *Webb* s.n. (lecto-: FI-W [160929], **designated here**); Canary Islands, Tenerife, s.d., fl, fr, *Webb* s.n. (syn-: K); Canary Islands, Tenerife, s.d., fl, immat fr, *Webb* s.n. (syn-: P [2 sheets]); Canary Islands,

s.d., fl, *Webb* s.n. (syn-: FI-W [Fototeca No. 2760]); Madeira, s.d., fr, *Webb* s.n. (syn-: FI-W [Fototeca No. 2760/B]); Madeira, s.d., fr, *Webb* s.n. (syn-: FI-W [Fototeca No. 2760/A]); Madeira, “in altioribus Madera”, s.d., fr, *Webb* s.n. (syn-: FI-W [Fototeca No. 2760/C]). – Other specimens: Canary Islands, Tenerife, 1845, fl, fr, *Bourgeau* 182 (AWH, E, P [4 sheets]); Madeira, 1856, *Mason* s.n. (AWH, P [2 sheets]); Madeira, “in sylvis regionis montana a 1000 ad 1700 metra”, 1865–1866, *Mandon* 219 (AWH, P [4 sheets]).

29. *Licaria brasiliensis* (Nees) Kosterm. (Kostermans 1937: 601). – *Acroclidium brasiliense* Nees (Nees von Esenbeck 1833b: 13, 1836: 267). – *Aydendron brasiliense* (Nees) Meisn. (Meissner 1866: 180, t. 64). – *Misanteca brasiliensis* (Nees) Lundell (Lundell 1969: 99). – Type: Brazil, Pará, “in sylvis secus fluvium Amazonum per Provincias Paraense et Fluminis nigri Brasiliae Septembre et Octobre”, Sep.–Oct. 1819, *Martius* s.n. (holo-: M; iso-: L, M [2 sheets], S, U). – Other specimens: Brazil, Amazonas, Manaus, “prope Barra”, Aug. 1851, fl, *Spruce* 1781 (AWH, BR, C, G [2 sheets], G-DC [F neg. 7290], GH, GOET, K, MG, NY, OXF, P [2 sheets], RB, TCD).

30. *Licaria polyphylla* (Nees) Kosterm. (Kostermans 1937: 584). – *Nectandra polyphylla* Nees (Nees von Esenbeck 1836: 332). – *Misanteca polyphylla* (Nees) Lundell (Lundell 1969: 101). Type: Brazil, Amazonas, “in sylvis ad Coari”, Nov. 1819, ster, *Martius* s.n. (holo-: M; iso-: GZU).

Acroclidium guianense Nees var. *caudatum* Meisn. (Meissner 1864: 85). – *Acroclidium meissneri* Mez (Mez 1889: 98). – *Licaria meissneri* (Mez) Kosterm. (Kostermans 1937: 597). – *Misanteca meissneri* (Mez) Lundell (Lundell 1969: 100). – Type: Venezuela, Amazonas, “prope San Carlos”, Aug. 1853, fl, *Spruce* 3058 (lecto-: K [annotated by Meissner], designated by Kostermans 1936b: 738; isolecto-: AWH, B[†] [F neg. 3841], BM, BR, C, E, F [F neg. 58645], G, G-DC, GH, GOET, K [2 sheets], LE, MG, NY [2 sheets], OXF, P [2 sheets], S, TCD, U).

Further synonyms in Kurz (2000).

31. *Licaria triandra* (Sw.) Kosterm. (Kostermans 1937: 588). – *Laurus triandra* Sw. (Swartz 1788: 65). – *Endiandra jamaicensis* Spreng. (Sprengel 1825: 176), **nom. illegit.** – *Endiandra viridis* J.Presl (Presl 1825d: 63), **nom. illegit.** – *Acroclidium jamaicense* (Spreng.) Nees (Nees von Esenbeck 1836: 270), **nom. illegit.** – *Misanteca triandra* (Sw.) Mez (Mez 1889: 103). – *Acroclidium triandrum* (Sw.) Lundell (Lundell 1942: 12). – Type: “India Occid.” [Jamaica (?)], s.d., *Swartz* s.n. (lecto-: S [R-3173], designated by Kostermans 1937: 589; isolecto-: S [2 sheets]); Jamaica, s.d., *Swartz* s.n. (original material: BM [000758843; specimen on top right], G-DC, K, LD, S, SBT). – Other specimen: Patria haud indicata, loco haud indicato, s.d., *Anonymous* s.n. (AWH, ex Herb. Sieber).

For further synonyms, see Kostermans (1937) and Kurz (2000).

32. *Lindera benzoin* (L.) Blume (Blume 1851: 324). – *Laurus benzoin* L. (Linnaeus 1753: 370). – Type: Herb. Clifford:

154, *Laurus* 2 (lecto-: BM, designated by Fernald 1945: 141, pl. 889). – Other specimens: United States of America, Virginia, Bedford Co., 20 Mar. 1871, *Curtiss* s.n. (AWH); United States of America, Rhode Island, East Greenwich, Warwick, Apr. 1871, *Congdon* s.n. (AWH); United States of America, New Jersey, May, *Allen* s.n. (AWH); Patria haud indicata, loco haud indicato, s.d., ex *Herb. Sieber* s.n. (AWH); United States of America, Delaware, s.d., *Canby* s.n. (AWH).

In Jarvis (2007: 615), the barcode number of the lecto-type at BM has been mistakenly indicated as ‘000558697’, which refers to an original material of *Laurus sassafras* L.

33. *Lindera melissifolia* (Walter) Blume (Blume 1851: 324), as ‘*melissae-folium*’. – *Laurus melissifolia* Walter (Walter 1788: 134), as ‘*melissae-folia*’. – *Benzoin melissifolium* (Walter) Nees (Nees von Esenbeck 1836: 494), as ‘*melissae-folium*’. – Type: United States of America, South Carolina, Berkeley County, from 1 mi. NE of Honey Hill, 23 Jul. 1961, *Williamson* 1556 (neo-: USCH [78940], selected by Ward 2008: 1281). – Other specimens: United States of America, “Carolinia merid.”, s.d., *Fraser* s.n. (P-LA); idem, Alabama, loco haud indicato, s.d., fr, *Buckley* s.n. (AWH); idem, s.d., ster, *Buckley* s.n. (AWH).

In Ward (2008), the locality was mistakenly quoted as being “Darlington County”, and also Williamson’s number to be ‘1550’.

34. *Lindera sericea* (Siebold & Zucc.) Blume (Blume 1851: 324). – *Benzoin sericeum* Siebold & Zucc. (Siebold & Zuccarini 1846: 204). – Type: Japan, loco haud indicato, s.d., fl, fr, *Siebold* s.n. (syn-: C, GH, HBG, L [4 sheets], M [5 sheets], P [3 sheets], U). – Other specimens: Japan, s.d., *Bürger* s.n. (AWH [ex L], L [3 sheets], M).

35. *Litsea fulva* (Blume) Fern.-Vill. in Blanco (1880: 181). – *Tetranthera fulva* Blume (Blume 1851: 377). – Types: Indonesia, Java, Jawa Barat, Patuha, s.d., *Blume* s.n. (syn-: L); Indonesia, Java, s.d., *Blume* s.n. (syn-: L). – Other specimen: Philippines, Mindanao, s.d., *Cuming* 1620 (AWH, MO).

36. *Litsea glutinosa* (Lour.) C.B.Rob. (Robinson 1911: 321). – *Sebifera glutinosa* Lour. (Loureiro 1790: 638, 1793: 783). – *Litsea sebifera* Pers. (Persoon 1807: 4). – Types: Vietnam, s.d., fr, *Loureiro* s.n. (lecto-: BM, designated by Hyland 1989: 261, as ‘holotype’); China (?), s.d., fl, *Loureiro* s.n. (syn-: P); Vietnam, s.d., fl, *Loureiro* s.n. (syn-: L). – Other specimens: Mauritius, s.d., *Anonymous* s.n. (AWH, ex Herb. Sieber); idem, *Anonymous* s.n. (AWH, ex Herb. Sieber); St. Vincent, cultivated, s.d., *Anonymous* s.n. (AWH, ex Herb. Sieber); Sri Lanka, 1849, *Fraser* 114 (AWH); Patria haud indicata, “Valleys nr. Yeddo”, Oct. 1860, *Anonymous* s.n. (AWH); Patria haud indicata, loco haud indicato, s.d., *Anonymous* s.n. (AWH, ex Herb. Sieber).

Laurus involucrata Retz. (Retzius 1791: 27), non *Laurus involucrata* Vahl ex Lam. (Lamarck 1792: 445). – Type: India, Tranquebar, s.d., *König* s.n. (holo-: LD) (see Fischer 1932: 65; see comments below).

Tetranthera laurifolia Jacq. (Jacquin 1797: 59, t. 113) var. *attenuata* Blume (Blume 1851: 374) fide Meissner (1864: 179). – Types: India, s.d., *Wallich* Cat. 2554 C [ex Herb. Wight] (syn.: LE); Bangladesh, Sylhet, s.d., *de Silva* in *Wallich* Cat. 2554 H (syn.: LE). – Other specimen: India, Canara, “in collibus prope urbem Mangalor”, Oct., *Metz* 159 (AWH, P).

Tetranthera laurifolia Jacq. (Jacquin 1797: 59, t. 113) var. *multiflora* Blume (Blume 1851: 373) fide Meissner (1864: 179). – Type: Indonesia, Java, s.d., *Anonymous* s.n. (iso.: U). – Other specimens: Philippines, Luzon, s.d., *Cuming* 1072 (AWH, E, MO).

Tomex sebifera Willd. (Willdenow 1799: 840). – Type: Bangladesh, 1796, *Klein* s.n. (syn.: B-W [09108 -00 0, 09108 -01 0 & 09108 02 0], M).

Tetranthera roxburghii Nees in Wallich (1831: 65); Nees von Esenbeck (1836: 515). – *Tetranthera laurifolia* Jacq. var. *roxburghii* (Nees) Blume (Blume 1851: 374). – Type: India/Bangladesh, *Wallich* Cat. 2554 ex parte (syn.: GZU [9 sheets]).

Further synonyms in Merrill (1923, 1935), Hyland (1989), and Kostermans (1969, 1995).

Nees von Esenbeck in Wallich (1831: 65) and also Nees von Esenbeck (1836: 515) listed *Laurus involucrata* Retz. in the synonymy of *Tetranthera roxburghii* Nees. Later, Blume (1851: 374) and Meissner (1864: 179) also listed *Laurus involucrata* Retz. in the synonymy of *Tetranthera laurifolia* Jacq. var. *roxburghii* (Nees) Blume, which are names listed by Kostermans (1995: 148) under *Litsea glutinosa*. The holotype of *L. involucrata* Retz. at Lund belongs to the latter species, but the specimens annotated as *Laurus involucrata* König [2 sheets; König s.n.] at the Koenig Herbarium in Copenhagen does not; they belong to *Neolitsea cassia* (L.) Kosterm. (Kostermans 1952: 85) [synonym *Laurus cassia* L. (Linnaeus 1753: 369). – Type: Herb. Hermann 2: 67, No. 146 (lecto.: BM [000621733], **designated here**; see Jarvis 2007: 615, for a list of original material and comments]. The flowering specimen by Koenig at C ex Herb. Vahl most likely is the same collection that Vahl sent to Jussieu in 1788, which is the type collection of *Laurus involucrata* Vahl ex Lam. (Lamarck 1792: 445) [synonyms *Litsea trinervia* Juss. (Jussieu 1805: 212, 1811: 73) and *Neolitsea involucrata* (Vahl ex Lam.) Alston in Trimen (1931: 248). – Type: Sri Lanka, König s.n. (holo.: P-JU; iso.: C ex Herb. Vahl; possible iso.: P [02003933; fragment])]. It is evidenced by the same vernacular name, “Dawul curundu”, annotated on the specimen at C, and “Dawul kurundu” as communicated by Vahl on the specimen at P.

37. *Litsea iteodaphne* (Nees) Hook.f. (Hooker 1886: 173). – *Tetranthera iteodaphne* Nees (Nees von Esenbeck 1836: 542). – *Cylicodaphne thwaitesii* Meisn. (Meissner 1864: 208), excl. var. *ovalifolia*. – Type: Sri Lanka, *Thwaites* C.P. [Ceylon Plants] 10 ex parte (syn.: BM, GH, K).

Tetranthera iteodaphne Nees var. β *Thwaites* (Thwaites 1861: 255). – *Cylicodaphne thwaitesii* Meisn. var. *angustata* Meisn. (Meissner 1864: 208). – Type: Sri Lanka, “Prov. centr. alt. 6000 ped.”, *Thwaites* C.P. [Ceylon Plants] 360 ex parte (syn.: AWH, BR [2 sheets], K, NY, P [3 sheets]).

As pointed out by Hooker (1886), the collections by Thwaites distributed in different herbaria are composed by different specimens under the same number. In this direction, Wagenitz (1982: 165) informs that Thwaites’s “C.P.” lettering system is not a real collection ordering system. The material was collected from different areas and not always collected by Thwaites. For the present taxon, for instance, Kostermans (1995: 160) listed: “Kandy District, Ambagamuwa, July 1853, *s. coll.* C.P. 360 (PDA, var. β male); Dolosbage, Ambagamuwa, *Gardner* in C.P. 360 (PDA); Nuwara Eliya District, Nuwara Eliya, *Gardner* in C.P. 360 (PDA)”.

38. *Litsea japonica* (Thunb.) Jussieu (Jussieu 1805: 212); Jussieu (1811: 73). – *Litsea japonica* (Thunb.) Mirb. (Mirbel 1805: 151). – *Litsea japonica* (Thunb.) Pers. (Persoon 1806: 4), **nom. illegit.** – *Tomex japonica* Thunb. (Thunberg 1783: 65); Murray in Linnaeus (1784: 441); Thunberg (1784a: 190, 1801: t. 7); Willdenow (1799: 839); Wijnands (1990: 23). – *Tetranthera japonica* (Thunb.) Spreng. (Sprengel 1825: 266). – Type: Japan, s.d., *Thunberg* s.n. (holo.: UPS-THUNB [11258]; iso.: L, SBT). – Other specimen: Japan, loco haud indicato, s.d., *Anonymous* s.n. (AWH).

39. *Litsea lancifolia* (Roxb. ex Nees) Hook.f. ex Fern.-Vill. in Blanco (1880: 181). – *Tetranthera lancifolia* Roxb. ex Nees in Wallich (1831: 65). – Type: Bangladesh, Sylhet, 1821, *de Silva* in *Wallich* Cat. 2532 (lecto.: K-W, designated by Ngernsaengsaruy et al. 2011: 68; isolecto.: BM, CAL [2 sheets], E [3 sheets], GH, GZU [2 sheets], K, NY, PH, U [2 sheets]). – Other specimen: India, loco haud indicato, s.d., *Anonymous* s.n. (AWH, ex MEL).

40. *Litsea ligustrina* (Nees) Fern.-Vill. in Blanco (1880: 180); Trimen (1885: 76). – *Tetranthera ligustrina* Nees in Wallich (1831: 65). – *Litsea ligustrina* (Nees) Kosterm. (Kostermans 1995: 150), **nom. illegit.** – Type: India, s.d., *Wallich* Cat. 2555 C (syn.: BM, CAL [ex Herb. Heyne], GZU, K, K-W).

Tetranthera ligustrina Nees var. *celastroides* Meisn. (Meissner 1864: 180). – Types: India, Province Althikarhatti, “in montibus Nilagiri”, Jun., *Metz* 1336 (syn.: A [2 sheets], AWH, CORD, HAL, HBG [3 sheets], K, M [2 sheets], MPU [2 sheets], P [2 sheets], S, U, US); Sri Lanka, Kandy District, Peradeniya, *s. coll.* in *Thwaites* C.P. [Ceylon Plants] 2773 (syn.: BO n.v.).

Further synonyms in Kostermans (1995).

41. *Litsea monopetala* (Roxb.) Pers. (Persoon 1806: 4); Kostermans (1964: 849). – *Tetranthera monopetala* Roxb. (Roxburgh 1798: 26, t. 148); Nees von Esenbeck in Wallich (1831: 66); Nees von Esenbeck (1836: 525); Meissner (1864: 189). – Type: India, coast of Coromandel, s.d., *Roxburgh* s.n. [65] (lecto.: BR [0000005113811], **designated here**); icon.: K (see Sealy 1956, Forman 1997).

Litsea polyantha Jussieu (1805: 211).

Tetranthera macrophylla Roxb. (Roxburgh 1814: 73); Roxburgh (1832: 822).

Tetranthera macrophylla Roxb. ex Wallich (1830) ex Nees in Wallich (1831: 66). – Other specimen: Bangladesh, Sylhet, s.d., *Wallich* Cat. 2549 A (K, NY).

Tetranthera monopetala Roxb. var. *minor* Blume (Blume 1851: 378). – Type: Mauritius, s.d., *Sieber* Fl. Mauritian. 92 (syn.: AWH, MO).

I am here following the treatment given by Blume (1851), and Allen (1938), excluding *Tetranthera polyantha* Wallich (1830) ex Nees in Wallich (1831: 67). Further information in Ngernsaengsaruy et al. (2011).

42. *Litsea perrottetii* (Blume) Fern.-Vill. in Blanco (1880: 180). – *Tetranthera perrottetii* Blume (Blume 1851: 384). – Type: Philippines, Manila, s.d., *Perrottet* 89 (holo.: L; iso.: G-DC, L).

Tetranthera perrottetii Blume var. *cumingii* Meisn. (Meissner 1864: 196). – Type: Philippines, Luzon, “prov. South Camarines”, 1841, *Cuming* 1473 (lecto.: G-DC, **designated here**; isolecto.: AWH, E, K, MO, NY, P [2 sheets]).

43. *Litsea quinqueflora* (Dennst.) Suresh in Nicolson et al. (1988: 158). – *Darwinia quinqueflora* Dennst. (Dennstedt 1818: 31). – *Actinodaphne quinqueflora* (Dennst.) M.R.Almeida & S.M.Almeida (Almeida & Almeida 1994: 425). – Type: illustration (Rheede tot Draakestein 1685: t. 9).

Tetranthera tomentosa Roxb. ex Wallich (1830) ex Nees in Wallich (1831: 65); Nees von Esenbeck (1836: 511); Meissner (1864: 177). – Types: ♂, *Wallich* Cat. 2550 A [*Litsea tomentosa* ex Herbarium Heyne] (syn.: BM, GZU, K); ♀, *Wallich* Cat. 2550 B [*Tetranthera japonica* ex Herbarium Wight] (syn.: BM, E [2 sheets], GZU, L, P); India, Sirmore, Kamrup, s.d., *Wallich* Cat. 2550 C (syn.: GZU); *Wallich* Cat. 2550 D (syn.: GZU). – Other specimens: Sri Lanka, Kandy District, Peradeniya Botanic Gardens, “prov. centr. Alt. 4000 ft.”, s.d., fl, fr, s. coll. in *Thwaites* C.P. [Ceylon Plants] 2275 (AWH, BO n.v., P [5 sheets]).

Litsea deccanensis Gamble (Gamble 1925: 1235); Kostermans (1964: 811, 1969: 502, 1978: 3, 1995: 147). – Type: India, Deccan Peninsula, Oct. 1849, fl, *Wight* 2531 (K, L).

Further synonyms in Kostermans (1995).

44. *Litsea wightiana* (Nees) Hook.f. (Hooker 1886: 177). – *Cylicodaphne wightiana* Nees in Wallich (1831: 68); Nees von Esenbeck (1833b: 18); Wight (1852: t. 1833). – Types: India, Nilgiri [Nilghiry], s.d., *Tetranthera wightiana* Wall. in *Wallich* Cat. 2557 A, B (syn.: K, NY, P [Wight 2232]); (syn.: K, M, P [Wight 2533]); (syn.: K, M, P [2 sheets; Wight 2534]). – Other specimens: India, Canara, “prope Mercara”, Oct. 1848, *Metz* 804 (AWH, P [5 sheets]).

Cylicodaphne wightiana Nees var. *glabrescens* Meisn. (Meissner 1864: 201), p.p. – Type: India, “Althikarhatti, Mont. Nilagiri”, Jun., *Metz* 1335 (syn.: AWH, P [3 sheets]).

45. *Machilus glaucescens* (Nees) Wight (Wight 1852: 12, t. 1825), as ‘*glaucesens*’. – *Ocotea glaucescens* Nees in Wallich (1831: 71). – *Phoebe glaucescens* (Nees) Nees (Nees von Esenbeck 1836: 100). – *Persea glaucescens* (Nees)

D.G.Long (Long 1984: 521). – Type: Bangladesh, “*Laurus glaucescens* Wall. [nom. nud.], Sylhet”, *de Silva* in *Wallich* Cat. 2592 (lecto.: K-W, designated by Long 1984: 522; isolecto.: BM, CAL, E [2 sheets], K, M).

Machilus glaucescens (Nees) Wight var. *metzii* Meisn. (Meissner 1864: 40). – *Cryptocarya floribunda* Miq. ex Meisn. (Meissner 1864: 40), **nom. invalid.** – Type: India, “Mont. Nilagiri”, Jan., *Metz* 1458 (holo.: G-DC; iso.: AWH, BHUPM, FR, HBG).

Further synonyms in Li et al. (2008).

[= ? *Persea macrantha* (Nees) Kosterm. (Kostermans 1962: 193). – *Machilus macranthus* Nees in Wallich (1831: 70); Nees von Esenbeck (1836: 174). – Type: India, s.d., *Wallich* Cat. 2587 (syn.: K-W n.v., fide Kostermans 1995: 131)].

46. *Machilus thunbergii* Siebold & Zucc. (Siebold & Zuccarini 1846: 202). – *Laurus indica* Thunb. (Thunberg 1784a: 173), **nom. illegit.**, non Linnaeus (1753: 370). – *Persea thunbergii* (Siebold & Zucc.) Kosterm. (Kostermans 1957a: 35, 1957b: 227). – Type: Japan, s.d., *Thunberg* s.n. (syn.: BM, L, UPS-THUNB [2 sheets]). – Other specimens: Japan, s.d., *Siebold* s.n. (AWH, L [2 sheets], U).

47. *Mezilaurus itauba* (Meisn.) Taub. ex Mez (Mez 1892: 112); van der Werff (1987: 164). – *Acroclidium itauba* Meisn. (Meissner 1864: 86). – *Endiandra itauba* (Meisn.) Benth. (Bentham & Hooker 1880: 154). – *Silvia itauba* (Meisn.) Pax (Pax 1889: 123), non *Silvia itauba* (Meisn.) Mez (Mez 1889: 107). – *Mezia itauba* (Meisn.) Kuntze (Kuntze 1891: 574). – Type: Brazil, Pará, “in vicinibus Santarém”, Apr. 1850, *Spruce* 643 [correct number 818] (lecto.: K, designated by Kostermans 1938a: 117; isolecto.: AWH, C, E [2 sheets], F [fragment], G [2 sheets], G-DC, GH, GOET, LE, M, NY [3 sheets], OXF, P [2 sheets], RB, TCD).

Acroclidium itauba Meisn. var. *amarella* Meisn. (Meissner 1864: 86); van der Werff (1987: 165). – Type: Brazil, Pará, “in vicinibus Santarém”, Jul. 1850, fr, *Spruce* 646 [correct number 965] (lecto.: K, designated by Alves 2011: 98; isolecto.: AWH, BM, C, E [2 sheets], G [2 sheets], G-DC, GH, GOET, LE, NY [3 sheets], M, OXF, P [4 sheets], S, TCD).

Mezilaurus anacardioides (Spruce ex Meisn.) Taub. ex Mez (Mez 1892: 112); van der Werff (1987: 166). – *Acroclidium anacardioides* Spruce ex Meisn. (Meissner 1864: 86). – *Misanteca anacardioides* (Spruce ex Meisn.) Benth. in Hooker (1878: 46, t. 1259). – *Silvia anacardioides* (Spruce ex Meisn.) Mez (Mez 1889: 108). – *Mezia anacardioides* (Spruce ex Meisn.) Kuntze (Kuntze 1891: 574). – Type: Venezuela, San Carlos del Rio Negro, Apr. 1853, *Spruce* 2961 (lecto.: K, designated by Alves 2011: 98; isolecto.: AWH, BM, BR, E, G [2 sheets], G-DC, GOET, K, LE, NY [2 sheets], OXF, P [2 sheets], RB, TCD).

Further synonyms in Alves (2011).

48. *Mezilaurus sprucei* (Meisn.) Taub. ex Mez (Mez 1892: 112); van der Werff (1987: 176). – *Acroclidium sprucei* Meisn. (Meissner 1864: 86). – *Silvia sprucei* (Meisn.) Mez

(Mez 1889: 109). – *Mezia sprucei* (Meisn.) Kuntze (Kuntze 1891: 574). – Type: Brazil, Amazonas, “prope San Gabriel da Cachoeira”, May 1852, *Spruce* 2323 (lecto-: K, designated by Kostermans 1938a: 121; second-step lectotype, **designated here**: K [000601946; annotated by Meissner]; isoleccto-: AWH, BM, BR, E, G [2 sheets], G-DC, GH, K, LE, NY [2 sheets], OXF, P [2 sheets], TCD).

49. *Nectandra amazonum* Nees (Nees von Esenbeck 1836: 282). – Types: Brazil, Pará, “in fluminis Amazonum omni ripa a Pará, ad Tabatinga”, Sep.–Oct. 1819, *Martius* s.n. (lecto-: M [0147314], designated by Rohwer 1993: 236, as ‘holotype’; isoleccto-: GZU; syn-: B, G, GZU, L, M [4 sheets], U [fragment]). – Other specimen: Patria haud indicata, loco haud indicato, s.d., fr, *Anonymus* s.n. (AWH).

Synonyms in Rohwer (1993).

50. *Nectandra canescens* Nees & Mart. in Nees von Esenbeck (1833a: 47). – Type: Brazil, Pará, “in sylvis fl. Amazonum, Provinciae Paraënsis et RN”, 20 Oct. 1819, immat fr, *Martius* Obs. [= Observationes botanicae] no. 2750: “arbor 15–20 ped. ... In silvis ad marginem fl. Amazonum” (lecto-: M [0112453], designated by Rohwer (1993: 274); isoleccto-: GZU, M [2 sheets]). – Other specimen: *Martius* s.n. (B [F neg. 3750]).

Nectandra magnoliifolia Meisn. (Meissner 1864: 154), as ‘*magnoliaefolia*’, **nom. illegit.**, non *Nectandra magnoliifolia* A.Rich. in Sagra (1850: 188); Meissner (1866: 262). – Type: Brazil, Amazonas, “ad oram septentrionalem flum. Amazon, ad ostium”, Aug. 1851, *Spruce* 1693 (lecto-: G-DC, designated by Rohwer 1993: 274; isoleccto-: AWH, B [F neg. 3759], BM, BR, G, K [2 sheets], LE, NY, OXF, P [2 sheets]).

Further information in Rohwer (1993) and Moraes (2012a).

51. *Nectandra cissiflora* Nees (Nees von Esenbeck 1836: 296). – Type: Peru, Maynas, “Andes peruv.”, “ad fl. Amazonum”, 1829, *Poeppig* 3061 [addenda No. 40] (lecto-: GZU, designated by Rohwer 1993: 142; isoleccto-: B [F neg. 3751], BM, F [NY neg. N.S. 7040], G, G-DC, GOET, GZU [fragment], KIEL, L, LE, OXF, P).

Nectandra surinamensis Mez (Mez 1889: 454), **nom. illegit.**, non *Nectandra surinamensis* Rottb. ex J.Presl (Presl 1825c: 60). – Type: Suriname, “ad ripas fl. Siparawyni”, Sep. 1861, *Kappler* 2076 (lecto-: GOET, designated by Rohwer 1993: 142; isoleccto-: AWH, B [fragment], L [2 sheets], P, U).

For further synonyms, see Rohwer (1993) and Moraes (2012a).

52. *Nectandra cuspidata* Nees & Mart. in Nees von Esenbeck (1836: 330). – Types: Brazil, Amazonas, Tefé, “in ripa fluminis Amazonum, praesertim da villam Ega Provinciae Fluminis nigri Brasiliae”, Jan. 1820, fl, fr, *Martius* s.n. (lecto-: M, designated by Rohwer 1993: 100; isoleccto-: B, GZU, L); Brazil, Amazonas, Tefé, Oct. 1831, *Poeppig* 2585 (syn-: AWH, G-DC, GZU, HAL, OXF).

For further synonyms and information, see Rohwer (1993).

53. *Nectandra egensis* Rohwer (Rohwer 1993: 242). – Type: Brazil, Amazonas, Novo Japurá, entre Tamandaré e Manguari, Rio Japurá, afluente do Rio Solimões, 1°50'S, 69°00'W, 12 Nov. 1982, fl, *Cid Ferreira & Lima* 3607 (holo-: MO; iso-: F, INPA, US). – Other specimens: Brazil, Amazonas, Tefé, ‘Ega’, s.d., *Poeppig* 2680 (AWH, BM, F, GOET, GZU, OXF, P [F neg. 35011]).

54. *Nectandra globosa* (Aubl.) Mez (Mez 1889: 415). – *Laurus globosa* Aubl. (Aublet 1775: 364). – Type: French Guiana, loco haud indicato, s.d., *Aublet* s.n. (holo-: BM [NY neg. 8312]).

Nectandra vaga Meisn. (Meissner 1864: 153). – *Nectandra vaga* Meisn. var. *vulgaris* Meisn. (Meissner 1864: 154), **nom. illegit.** = var. *vaga*. – Types: Suriname, loco haud indicato, 1841, *Hostmann & Kappler* 235 (lecto-: G, designated by Rohwer 1993: 245; isoleccto-: B, BM, G, K [3 sheets], M, MEL, P [2 sheets], U); Suriname, “locis siccis ad fl. Marowyné”, Aug. 1847, *Hostmann & Kappler* 1827 (syn-: AWH, C, G, GOET, L, M, NY, P [3 sheets]).

Nectandra vaga Meisn. var. *sprucei* Meisn. (Meissner 1864: 154). – Type: Venezuela, Amazonas, “ad Rio Negro prope San Carlos”, Oct. 1854, *Spruce* 3677 (lecto-: K [000644156], designated by Rohwer 1993: 246, as ‘holotype’; isoleccto-: AWH, B [Mus. Bot. Berol. Film Nr. 5199], BM, BR, E, G, G-DC, K, NY, OXF, P [2 sheets], US [fragment]).

For a complete list of synonyms, see Rohwer (1993).

55. *Nectandra laurel* Nees (Nees von Esenbeck 1848: 505). – *Nectandra mollis* (Kunth) Nees ssp. *laurel* (Nees) Rohwer (Rohwer 1986: 61). – Type: Colombia, loco haud indicato, s.d., *Moritz* 1218 (holo-: B; iso-: B [Mus. Bot. Berol. Film Nr. 5194], BM, BR, CAS, G, GH, GZU [2 sheets], HBG [2 sheets], K [3 sheets], L, MEL [4 sheets], P). – Other specimen: Patria haud indicata, loco haud indicato, s.d., *Anonymus* s.n. (AWH).

56. *Nectandra nitidula* Nees & Mart. in Nees von Esenbeck (1833a: 48). – *Nectandra nitidula* Nees & Mart. var. *minor* Nees (Nees von Esenbeck 1836: 313) [homotypic by typification; lectotype designated by Moraes 2008: 20]. – Type: Brazil, São Paulo, “in campis prope Taubaté”, Dec. 1817, fr, *Martius* Obs. no. 546: “arbor 20 ped. cal. viridis” (lecto-: M, designated by Rohwer 1993: 180).

Nectandra nitidula Nees & Mart. var. *maior* Nees (Nees von Esenbeck 1836: 313). – Type: Brazil, Minas Gerais, “Cachoeira do Campo”, Aug. 1839, *Claussen* [106, 107 & s.n. at BR] = *Martii Herbar. Florae Brasil.* 1239 (lecto-: M, designated by Rohwer 1993: 181; isoleccto-: AWH, BM, BR [Claussen 106], BR [Claussen 107], BR [Claussen s.n., attributed to *Riedel*], G, G-DC, JE, L [3 sheets], M, MO, NY, OXF, P).

For further synonyms and information, see Rohwer (1993) and Moraes (2012a).

57. *Nectandra oppositifolia* Nees & Mart. in Nees von Esenbeck (1833a: 47). – *Nectandra oppositifolia* Nees & Mart.

var. *angustifolia* Nees & Mart. in Nees von Esenbeck (1833a: 47) [homotypic by lectotypification; lectotype designated by Moraes 2008: 22]. – Type: Brazil, São Paulo, Apr.–Jul. 1829, fl, *Sellow* 5722 (lecto-: B [NY neg. 8327], designated by Rohwer 1993: 286; isolecto-: B, BM, G-DC, K, VT). – Other specimens: Brazil, loco haud indicato, s.d., *Horneman* s.n. (AWH); Patria haud indicata, loco haud indicato, s.d., *Anonymus* s.n. (AWH).

For a complete list of synonyms, see Rohwer (1993).

58. *Nectandra reticulata* (Ruiz & Pav.) Mez (Mez 1889: 404). – *Laurus reticulata* Ruiz & Pav. (Ruiz & Pavón [unpublished in Fl. Peruv. 4(2): t. 348. 1804–1830] 1956: 14, t. 348; see below). – Types: Peru, Cuchero, May–[Sep. ?] 1780, fl, *Ruiz & Pavón* s.n. (lecto-: MA, designated by Rohwer 1993: 276; second-step lectotype designated by Moraes 2008: 24: MA [811776]; isolecto-: F [ex MA, ex Vitoc, leaf and flower fragment], MA, MA [F neg. 29398]); Peru, Cuchero and Chinchao, s.d., fl, *Ruiz & Pavón* s.n. (syn-: A [Pavón 504 ex G], B, BC, BM, BR, F [F neg. 58079], F [F neg. 58078, fl, fr], FI-W, G [Pavón 504, 2 sheets; Pavón s.n., 11 sheets], GZU [fragment], HAL, MA [3 sheets], P [3 sheets]; Peru, Cuchero, Jul., fl, *Dombey* s.n. (syn-: B, G-DC, GZU [fragment], MA [811775; see Alvarez Lopez 1956: 75, and Ruiz & Pavón 1989], P [2 sheets], P-JU) [also syntypes of *Nectandra villosa* Nees & Mart. var. *venosa* Nees]. – Other specimens: Brazil, Rio de Janeiro, Apr. 1836, *Martii Herbar. Florae Brasil.* 169 [= *Ackermann* V no. 121] (AWH, BR [2 sheets], K, M [4 sheets], MO, OXF).

Nectandra mollis (Kunth) Nees var. *intermedia* Meisn. (Meissner 1864: 149). – Type: Brazil, Minas Gerais, loco haud indicato, s.d., *Gardner* 5154 (lecto-: K, designated by Rohwer 1993: 276; isolecto-: AWH, BM, E, F, GH, NY [2 sheets], OXF, P [2 sheets], SP, US [2 sheets]).

For further synonyms, see Rohwer (1993).

According to Moraes (2012a), the fourth volume of “*Flora Peruviana et Chilensis*” was completed in 1804. Although the text of Ruiz & Pavón’s (1956) treatment of 29 species of *Laurus* had remained unpublished until 1956, their plates were distributed much earlier. Alvarez Lopez (1954) informed that in 1803 the illustrators of the plates of “*Flora Peruviana et Chilensis*” were working particularly on the species of *Laurus*. The plate of *L. nitida* was the last one to be executed and presented by Isidoro Gálvez on 4 Nov. 1803 (Alvarez Lopez 1956). The engraving of letters and numbers for all the plates of volume IV seems to have been concluded a year later by Pedro Gangoiti (Alvarez Lopez 1956). In anyway, those plates were not available for releasing up to the end of 1803, or the beginning of 1804, and the date of publication remains uncertain. Stafleu & Cowan (1983) stated that the first reference to the plates dated from 1830 (from the information by R.D. Hooglang to Stafleu & Cowan 1979, about an instance of competition between names of *Weinmannia* published by Kunth and those by Ruiz & Pavón; see Don 1830). However, as pointed out by González Bueno & Aranda (in Ruiz & Pavón 1989), in the ‘Prolegomena’ by Humboldt et al. (1816: VIII), they alluded to “Ruizii et Pavonii collectiones ineditæ”, which indicates that they were already aware ‘somehow’ of the existence of inedited species of Ruiz

& Pavón, for which the text was published only much later. As for the first references to Ruiz & Pavón’s fourth volume being dated from 1830, Lambert (1821: VIII–IX) quoted “[i]t may here be interesting for botanists to learn, that the plates are finished of the fourth and fifth unpublished volumes of the *Flora Peruviana*, containing in all two hundred and twenty-three figures”. In the same latter book, Humboldt in his account “On the *Cinchona* forests of South America” (in Lambert 1821: 27–28) mentioned “... with aromatic *Puchery* or *Todaspuie* (*Laurus* Putseri* Mut.), with Almonds (*Caryocar amygdaliferum* Mut.), with four kinds of *Styrax*, with the Balsam of Tolu (*Toluifera* indica*), ...”, for which Lambert wrote in the footnote “[t]he *Laurus Putseri* of Mutis is the same as the *Laurus Pucheri* of *Fl. Peruviana*, vol. iv. t. 352, ined. The number of species of this genus figured in the fourth vol. ined. of the *Flora Peruviana*, amounts to thirty. The fruit of the *Laurus Pucheri* is frequently sold in the London shops under the name of Sassafras nuts. *Caryocar amygdaliferum*, *Fl. Peruv.* vol. v. ined. t. 470. *Myrospermum balsamiferum*, *Fl. Peruv.* 4, ined. t. 373”.

59. *Neolitsea fuscata* (Thwaites) Alston in Trimen (1931: 248). – *Litsea fuscata* Thwaites (Thwaites 1861: 258). – Type: Sri Lanka, “Prov. centr. alt. 6000–8000 feet”, *Thwaites* C.P. [Ceylon Plants] 413 (lecto-: PDA n.v., designated by Kostermans 1995: 164, as ‘Type’; isolecto-: BO n.v.; original material: AWH, BM [2 sheets], FR, NY [2 sheets]).

60. *Neolitsea sericea* (Blume) Koidz. (Koidzumi 1926: 343). – *Laurus sericea* Blume (Blume 1825: 554). – Type: Japan (not seen). – Other specimens: Japan, s.d., *Siebold* s.n. (AWH, GH, K, L, P [2 sheets]).

The oldest name of the present taxon is *Laurus glauca* Thunb. ex Murray. Thunberg (1784a: 173, 1784b: 31, 37) associated *L. glauca* with the “Kúro Tsos, vel Proh Tsos” described by Kämpfer (1712: 770; see Ohashi & Nakai 1996: 107). Nakai (1925: 188) ascribed the plate 52 in Kämpfer (1791) as belonging to *Neolitsea glauca* Koidz. According to Henrey (1955: 104), it corresponds with the original drawing no. 6 by Kämpfer from a volume of drawings in the Department of MSS in The Natural History Museum (SI. MS 2914), with a manuscript title: “Delineatio Plantarum Japonicarum manu Engelberti Kaempferi”. However, as indicated by Nakai (1927: 520), and Allen (1938: 421), the specimen on which Thunberg’s name was based is a *Symplocos*, currently known as *Symplocos glauca* (Thunb. ex Murray) Koidz. (Koidzumi 1925: 313). – *Laurus glauca* Thunb. ex Murray in Linnaeus (1784: 383); Thunberg (1784a: 173, 1784b: 31, 37); Juel (1918: 209); Wijnands (1990: 23, 32). – *Litsea glauca* (Thunb. ex Murray) Siebold (Siebold 1830: 24). – *Litsea glauca* (Thunb. ex Murray) Nees (Nees von Esenbeck 1836: 633), **nom. illegit.** – *Neolitsea glauca* (Thunb. ex Murray) Koidz. (Koidzumi 1918: 257). – *Malapoenna sieboldii* Kuntze (Kuntze 1891: 572). – *Neolitsea sieboldii* (Kuntze) Nakai (Nakai 1927: 520). – Type: Japan, *Thunberg* s.n. (holo-: UPS-THUNB) [Further synonyms in Zhou et al. 2006]. The claiming by Nakai (1927) and Allen (1938), for instance, that *Laurus glauca* Thunb. was treated as a mere synonym by authors that cited it after combinations in other genera (thus using the same epithet), like Siebold and Nees

von Esenbeck, is here understood as being erroneous, since Thunberg's name should be taken as the basionym of them (although Siebold clearly stated it as synonym); otherwise, the names proposed by Siebold and Nees must be taken as illegitimate names.

61. *Ocotea bullata* (Burch.) E.Mey. in Drège (1843: 205). – *Laurus bullata* Burch. (Burchell 1822: 72). – *Oreodaphne bullata* (Burch.) Nees (Nees von Esenbeck 1836: 449). – *Mespilodaphne bullata* (Burch.) Meisn. (Meissner 1864: 511). – Type: South Africa, s.d., Burchell [Catalogus Geographicus Plantarum Africæ Australis Extratropicæ] 5409 (G, GRA, K, L, LE, M, P). – Other specimen: South Africa, Zwillingdam (Flora Capensis), s.d., Zeyher s.n. (AWH).

62. *Ocotea cernua* (Nees) Mez (Mez 1888: 422), s. lat. – *Oreodaphne cernua* Nees (Nees von Esenbeck 1836: 424). – Types: Martinique, loco haud indicato, s.d., Sieber Flora mixta 385 (lecto-: KR, designated by Mez 1888: 422; isolecto-: G, G-DC [only the flowering sheet], MEL, NY, P); Martinique, loco haud indicato, s.d., Kohaut in Sieber Flora Martinic. 106 (syn-: AWH, B [3 sheets], BR, G, GH, GZU [fragment], JE, KIEL, L [2 sheets], M [2 sheets], MO); Martinique, loco haud indicato, s.d., Horneman s.n. (syn-: C, GZU [fragment]).

Ocotea marowynensis (Miq.) Mez (Mez 1889: 380). – *Oreodaphne marowynensis* Miq. (Miquel 1851: 201). – Type: Suriname, “ad flumen Marowyn”, “in regionibus interioribus ad r. Marowini”, Aug. 1846, fl ♂, Hostmann & Kappler 629 b.b. (holo-: U; iso-: AWH, B⁺ [F neg. 3684], C, COR, F [fragment ex B⁺], G, HAL, L, M [2 sheets], MO, MPU, P [5 sheets], U).

For a complete list of probable synonyms, see Rohwer (1986).

In the protologue of *Oreodaphne cernua*, Nees von Esenbeck (1836: 424) indicated “*Laurus nutans Hornem in Herb. Endlich. Laurus. Sieber Fl. Martinic. n. 106. et Fl. mixt. n. 384. (fructifera); tum Fl. mixt. n. 395. (ante anthesin et probabiliter mascula.)*”. Nees indication of “*Sieber Flora mixta 395*” is very likely an error. Mez (1888: 422) lectotyped the species name by newly combining it in *Ocotea* and by citing only the specimen of “*Sieber fl. mixt. 385*” from Herbarium Döll, which is currently at KR.

Rohwer (1986) has circumscribed *Ocotea cernua* (Nees) Mez in a very broad sense. Once confirmed that the taxa described and collected by Ruiz & Pavón in Peru are the same as the one described by Nees from collections of Sieber “*Flora Martinicensis & Mixta*”, *Ocotea leptobotra* (Ruiz & Pav.) Mez must be the correct name for having priority (see Moraes 2012b).

63. *Ocotea cymbarum* Kunth in Humboldt et al. (1817: 166). – *Nectandra cymbarum* (Kunth) Nees (Nees von Esenbeck 1836: 305). – *Licaria cymbarum* (Kunth) Pittier (Pittier 1941: 135). – *Misanteca cymbarum* (Kunth) Lundell (Lundell 1969: 100). – Type: Venezuela, “in sylvis Orinocensibus prope San Fernando de Atabapo”, May, fr, Humboldt & Bonpland 904 (lecto-: B -W 07787 -01 0 [Mus. Bot. Berol. Film Nr. 657/28], B -W 07787 -00 0, **designated here** [annotated

by Willdenow with “*Laurus coruscans*” ex Bonpland, nom. nud.]; isolecto-: P).

Nectandra barcellensis Meisn. (Meissner 1864: 155). – *Ocotea barcellensis* (Meisn.) Mez (Mez 1889: 237). – Type: Brazil, Amazonas, “secus Rio Negro, Brasiliæ borealis, inter Barcellos et San Gabriel”, Dec. 1851, Spruce 1925 (lecto-: G-DC, designated by Rohwer 1986: 106, as ‘Holotyp’; isolecto-: AWH, B [F neg. 3628], BM, BR, E, G, GH, GOET, K [2 sheets], LD, LE, MG, NY, OXF, P [2 sheets]).

For a complete list of synonyms, see Rohwer (1986: 106–107).

The lectotype selected here bears a remnant cupule of the fruit, while the specimen at Paris is sterile.

64. *Ocotea foetens* (Aiton) Baill. (Baillon 1870: 466). – *Laurus foetens* Aiton (Aiton 1789: 39). – *Laurus maderensis* Lam. (Lamarck 1792: 449), **nom. illegit.** – *Persea foetens* (Aiton) Spreng. (Sprengel 1825: 268). – *Oreodaphne foetens* (Aiton) Nees (Nees von Esenbeck 1833b: 16). – *Mespilodaphne foetens* (Aiton) Meisn. (Meissner 1864: 511). – *Borbonia foetens* (Aiton) J.Presl (Presl 1825b: 57). – Type: “Nat. of Madeira and the Canary Islands. Introd. 1760, by Lord Adam Gordon” (lecto-: BM n.v., designated by Kostermans 1938b: 78). – Other specimens: Madeira, Ribeira Fria, Pico Grande, Boroaca, alt. 700–1,500 m, fl, fr, Mandon 216 (AWH, C, G, P [10 sheets], S, W, WRS�); Canary Islands, Palma, s.d., Bourgeau 129 (AWH, G, P [5 sheets]); Madeira, s.d., Anonymous s.n. (AWH); Germany, Dresden, 1824, Seidl s.n. (AWH, ex Herb. Sieber).

For further synonyms, see Kostermans (1938b) and Rohwer (1986).

65. *Ocotea guianensis* Aubl. (Aublet 1775: 781, t. 310). – *Laurus ocotea* Rich. (Richard 1792: 108), **nom. illegit.** – *Oreodaphne guianensis* (Aubl.) Nees (Nees von Esenbeck 1848: 268, 516). – *Oreodaphne guianensis* (Aubl.) Nees var. *argentea* Meisn. (Meissner 1864: 112), **nom. illegit.** – Type: French Guiana, loco haud indicato, Apr., fl, Aublet s.n. (lecto-: BM, designated by Rohwer 1986: 157, as ‘Holotyp’). – Possible original material: P [fr].

Oreodaphne guianensis (Aubl.) Nees var. *aurea* Meisn. (Meissner 1864: 112). – *Ocotea guianensis* Aubl. var. *aurea* (Meisn.) R.Knuth (Knuth 1927: 337). – Type: Brazil, Manaus, “prope Barra”, Oct. 1851, fl, Spruce 1851 (syn-: AWH [Spruce s.n.], BM, BR, G, K, OXF, RB, TCD).

For a complete list of synonyms, see Rohwer (1986).

66. *Ocotea mascarena* (Buc'hoz) Kosterm. (Kostermans (1939b: 92); Kostermans & Marais (1979: 524). – *Laurus mascarena* Buc'hoz (Buc'hoz 1775: t. 2). – Type: Buc'hoz's illustration (lectotype designated by Kostermans & Marais 1979: 524).

Ocotea cupularis (Lam.) Cordem. (Cordemoy 1895: 303). – *Laurus cupularis* Lam. (Lamarck 1792: 447). – *Persea cupularis* (Lam.) Spreng. (Sprengel 1825: 269). – *Oreodaphne cupularis* (Lam.) Nees (Nees von Esenbeck 1836: 438). – *Calycodaphne cupularis* (Lam.) Bojer (Bojer 1837: 273). – *Balanopsis cupularis* (Lam.) Raf. (Rafinesque 1838:

134). – *Agathophyllum cupulare* (Lam.) Blume (Blume 1851: 340). – *Mespilodaphne cupularis* (Lam.) Meisn. (Meissner 1864: 104). – Type: Mauritius, s.d., fl, fr, *Martin* s.n. [328] (lecto-: P-LA, designated by Kostermans 1939b: 94; isolecto-: G).

Agatophyllum neesianum Blume (Blume 1851: 339). – Type: Mauritius, s.d., *Sieber* Fl. Mauritian. II 128 (holo-: L n.v., fide Kostermans 1939b: 95).

Mespilodaphne mauritiana Meisn. (Meissner 1864: 104), **nom. illegit.** – Type: Mauritius, s.d., fl, immat fr, *Sieber* Fl. Mauritian. II 128 (lecto-: B, indicated by Kostermans 1939b: 95; isolecto-: AWH [2 sheets], BM [2 sheets], C, G, G-DC, HAL, K, LE, M, MO, NY [fragments ex B and G-DC], P [2 sheets]). – Other specimen: Mauritius, s.d., *Anonymous* s.n. (AWH, ex Herb. Sieber).

67. *Ocotea neesiana* (Miq.) Kosterm. (Kostermans 1936a: 16). – *Nectandra neesiana* Miq. (Miquel 1844: 745). – *Oreodaphne fallax* Miq. (Miquel 1851: 203), **nom. illegit.** – *Ocotea fallax* Miq. ex Mez (Mez 1888: 422), **nom. illegit.** – Type: Suriname, “distr. Para”, Febr.–Apr. 1844, fl ♂, *Hostmann & Kappler* 1433 (holo-: U; iso-: AWH, G [2 sheets], GOET, JE, KIEL, LE, P [2 sheets]). – Other specimens: Suriname, “am Wasser obere Marowynne”, Febr., fl ♀, fr, *Hostmann & Kappler* 2028 (A, AWH [2 sheets], G, GOET, M [F neg. 19270]).

Gymnocalanus sprucei Meisn. (Meissner 1864: 140). – Type: Brazil, Mato Grosso, Vila Bela da Santíssima Trindade, “in sylv. umbr. pr. V. Bella”, Jan. 1828, fl, *Riedel* 1258 (lecto-: LE, designated by Moraes 2008: 26; isolecto-: NY, OXF). – Other syntypes: Brazil, Amazonas, “secus Rio Negro, Brasilia septentrionalis, inter S. Gabriel et Barcellos”, Dec. 1854, fr, *Spruce* 3792 (AWH [ex parte], BM, BR, C, E, G [2 sheets], G-DC, K [2 sheets], LE, NY [2 sheets], OXF, P [2 sheets]); French Guiana, Mana, 1856, fl, fr, *Sagot* 810 (B, BM, G, G-DC, GOET, K, NY [2 sheets], P [5 sheets]).

For a complete list of synonyms and typifications, see Rohwer (1986), and Moraes (2008, 2012b).

68. *Ocotea petalanthera* (Meisn.) Mez (Mez 1889: 358); Rohwer (1986: 217). – *Oreodaphne petalanthera* Meisn. (Meissner 1864: 125). – Type: Peru, Loreto, “in Peruvia orient. prov. Maynas pr. Yurimaguas”, 1839, *Poeppig* 2426 (lecto-: B [F neg. 3702], designated by Rohwer as ‘Holotypus’; isolecto-: AWH, B* [F neg. 3702], F, G, G-DC, GOET, GZU, KIEL [2 sheets], NY [fragments], OXF, P) [also isosyntype of *Petalanthera bracteolata* Nees (Nees von Esenbeck 1836: 347). – *Ocotea bracteolata* (Nees) Mez (Mez 1889: 354)].

Further information in Rohwer (1986), and his drawing of a dissected flower from *Poeppig* 2426 (GOT) is available at <http://lauraceae.myspecies.info/category/lauraceae-taxonomy/lauraceae/ocotea/ocotea-bracteolata/petalanthera-bracteolata>.

As pointed out by Rohwer (1986), the collection of *Poeppig* 2426 seems to bear female flowers; the flowers were so immature that it was not yet possible to determine if they would produce pollen or not; its relation with other species

of *Ocotea* is still unknown, therefore it has not been placed in any of the groups proposed by Rohwer. The specimen at AWH was annotated by Kostermans as belonging to *Ocotea maynensis* (Meisn.) Mez (1889: 359), which has been synonymized by Rohwer (1986) under *Ocotea gracilis* (Meisn.) Mez (1889: 327). Possibly, Kostermans may have mixed up the collection number since the syntypes of *O. maynensis* are Poeppig collections as well. However, *Poeppig* 2426 is clearly not *O. gracilis*; its stamens are different, as well as the leaves.

69. *Persea americana* Mill. (Miller 1768). – *Laurus persea* L. (Linnaeus 1753: 370). – Type: “Prunifera arbor, fructu maximo pyriformi viridi, pericarpio esculento butyraceo nucleum unicum maximum nullo ossiculo tectum, cingente. The Avocado or Alegator pear-tree” (lecto-: in Sloane 1725: 132, Plate 222, fig. 2, designated by van der Werff 2002: 580). – Typotype: Jamaica, Herb. Sloane Vol. VII: 77 (BM-SL [000594115]). – Other specimens: Patria haud indicata, loco haud indicato, Mar. 1889, *Anonymous* s.n. (AWH); Mexico, Orizaba, s.d., *Botteri* 948 (AWH); Virgin Islands, “in hortis ins. Sto. Crucis”, s.d., *Horneman* s.n. (AWH); Trinidad and Tobago, loco haud indicato, 1825, fl, *Sieber* Fl. Trinitatis. 69 (AWH, MO, P); St. Vincent, loco haud indicato, s.d., *Sieber* 96 (AWH).

Persea gratissima Gaertn. var. *praecox* Nees (Nees von Esenbeck 1836: 129). – Type: Peru, Maynas, “in sylvis circum Yurimaguas”, 1845, *Poeppig* 2446 (syn-: AWH, G, GZU, HAL, KIEL, LE [4 sheets], MO) [also syntype of *Persea gratissima* Gaertn. var. *macrophylla* Meisn. (Meissner 1864: 53)].

For a complete list of synonyms, see van der Werff (2002).

70. *Persea benthamiana* Meisn. (Meissner 1864: 44). – Type: Brazil, Amazonas, “prope Panuré ad Rio Uaupés” [“in saxosis secus cataractas fl. Uaupés”], Oct. 1852–Jan. 1853 [Dec. 1852], *Spruce* 2766 (lecto-: K [000602088], **designated here**; isolecto-: AWH [fig. 2], B [F neg. 3558], BM, BR, C, E, G [2 sheets], G-DC, GH, GOET, K, LE, MG, MO, NY [fragments, ex LE], OXF, P [2 sheets], RB [fragment], W).

The species remains only known by the type collection (from Moraes’s revision of the Brazilian species of *Persea*, in course).

71. *Persea borbonia* (L.) Spreng. (Sprengel 1825: 268). – *Laurus borbonia* L. (Linnaeus 1753: 370). – *Tamala borbonia* (L.) Raf. (Rafinesque 1838: 136). – Type: “*Laurus Carolinensis, folijs acuminatis, baccis caeruleis, pediculis longis rubris insidentibus*” in Catesby (1731: 63, t. 63) (lectotype designated by Kopp 1966: 44). – Other specimens: United States of America, Virginia, Carolina, s.d., *Anonymous* s.n. (AWH, ex Herb. Sieber); United States of America, Alabama, s.d., *Buckley* s.n. (AWH [2 sheets]); United States of America, Rhode Island, East Greenwich, 1858, *Congdon* s.n. (AWH); Patria haud indicata, loco haud indicato, s.d., *Anonymous* 377 (AWH [ex Herb. Sieber, specimen on top left]).

Further synonyms in Kopp (1966).

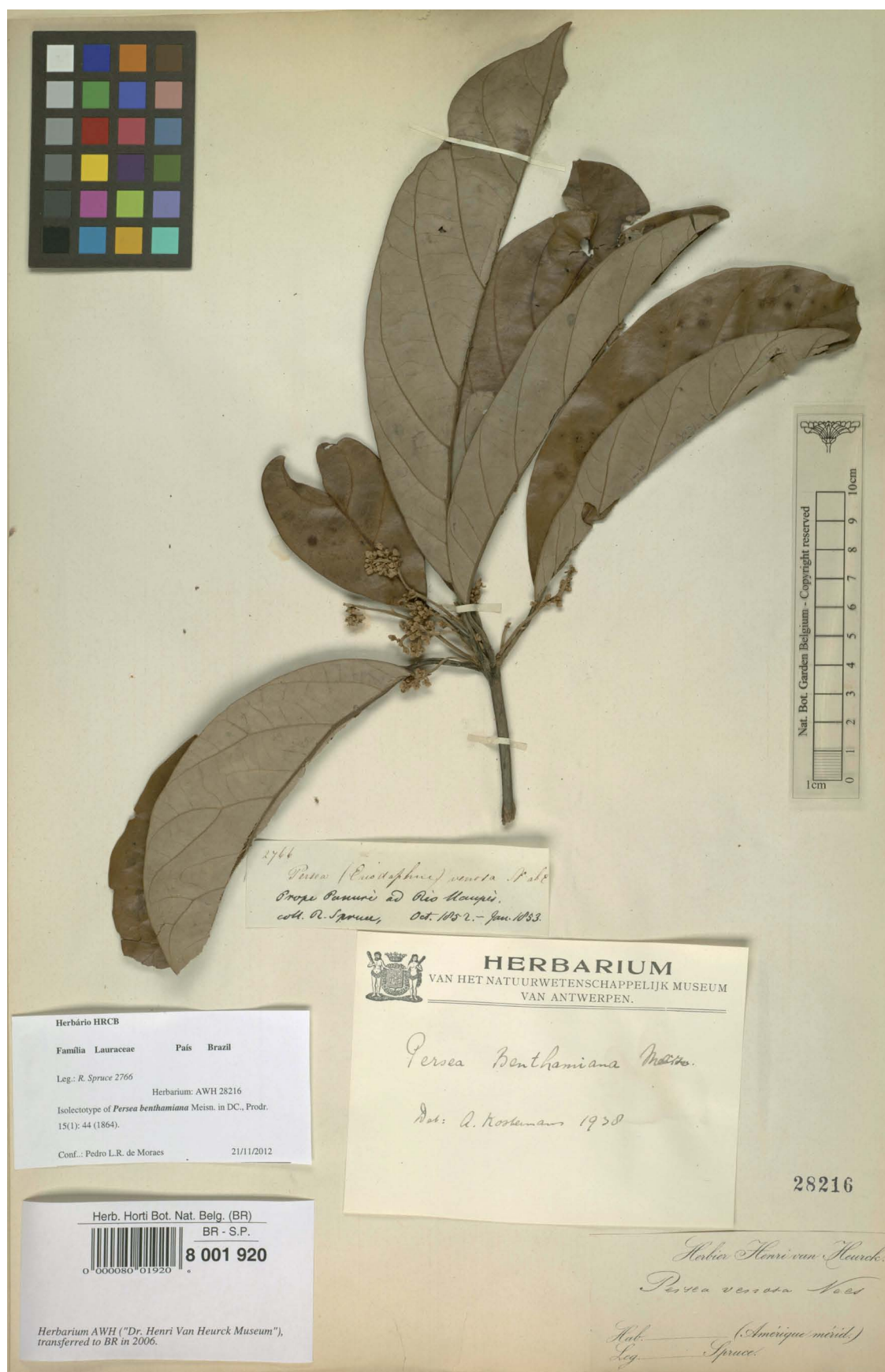


Figure 2 – Isolectotype of *Persea benthamiana* (AWH 28216).

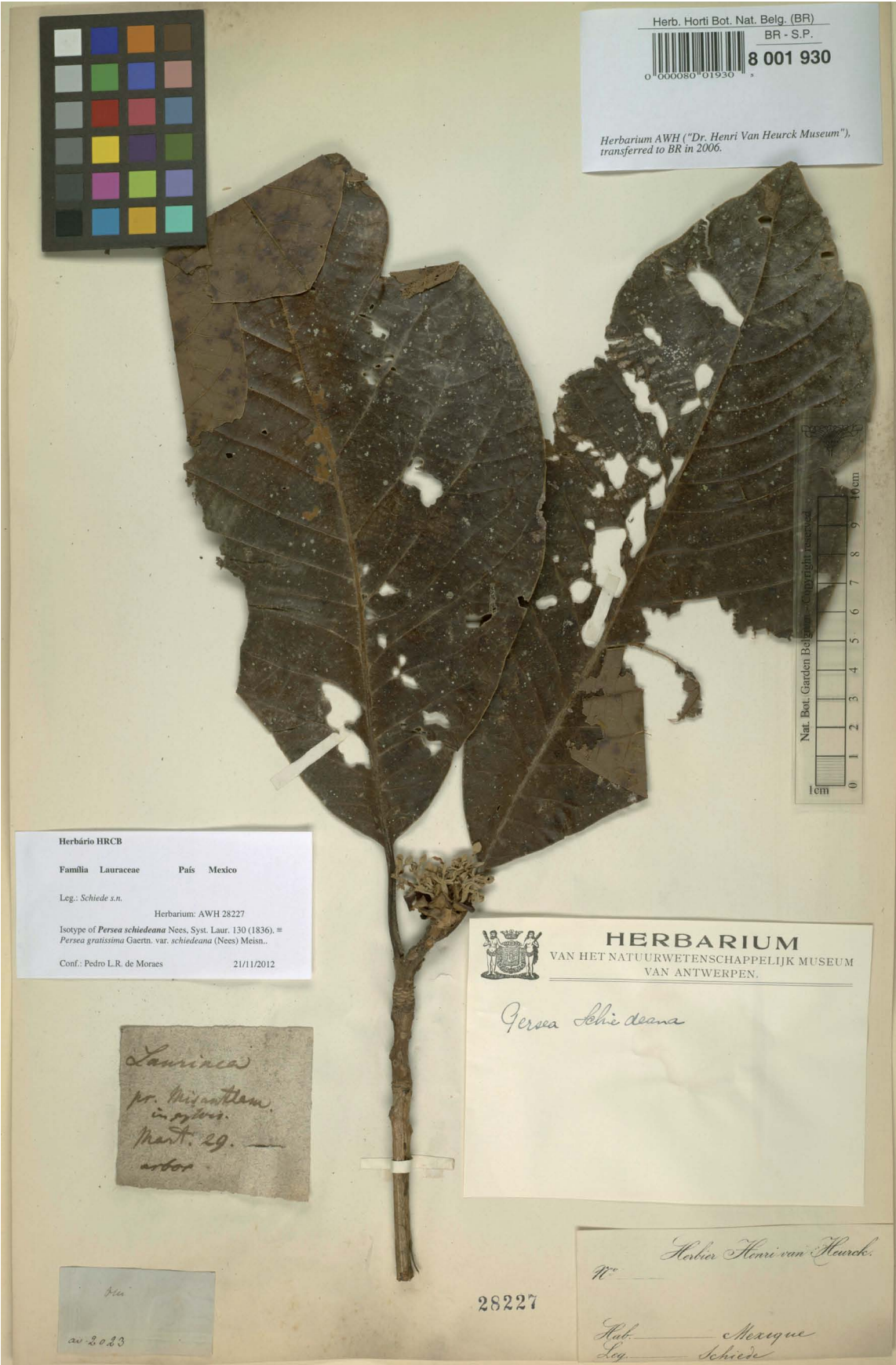


Figure 3 – Isotype of *Persea schiedeana* (AWH 28227).

72. *Persea indica* (L.) Spreng. (Sprengel 1825: 268). – *Laurus indica* L. (Linnaeus 1753: 370). – *Borbonia indica* (L.) J.Presl (Presl 1825b: 57). – Type: Herb. Clifford: 154, *Laurus* 4 (lecto-: BM [000558698], **designated here**). – Other specimens: Madeira, loco haud indicato, 1856, fl, fr, *Mason* s.n. (AWH, P); Madeira, “in sylvis, Jardim da Serra, S. Roque, S. Vicente, etc., 800–1200 m”, Mar.–Aug. [1865–1866], fl, fr, *Mandon* 217 (AWH, BR [2 sheets], P [3 sheets]); Azores, Island of St. Michael, 1846–1848, fl, *Hunt* 225 (AWH, P [3 sheets]); Canary Islands, Tenerife, s.d., fl, fr, *Bourgeau* 186 (AWH, P [5 sheets]); Patria haud indicata, loco haud indicato, s.d., *Anonymous* s.n. (AWH, ex Herb. Sieber).

Laurus teneriffae Poir. in Lamarck (1813: 322). – Type: Canary Islands, “sur les hauteurs à Tenériffe”, s.d., *Broussonet* s.n. (iso-: P).

For a list of original material of *Laurus indica* L., see Jarvis (2007: 616).

73. *Persea lingue* (Ruiz & Pav.) Nees (Nees von Esenbeck 1836: 157). – *Laurus lingue* Ruiz & Pav. (Ruiz & Pavón [unpublished in Fl. Peruv. 4(2): t. 358, fig. b. 1804–1830] 1956: 25, t. 358, fig. b; see comments under entry nr. 58). – Type: Chile, “in silvis Conceptionis, Puchacai, Arauci, Itatae, aliarumque Provinciarum Regni Chilensis” [“in Sylvis juxta Conceptionem Chili”], Apr. 1782, *Dombey* s.n. [203] (lecto-: MA [811824], designated by Kopp 1966: 71; isolecto-: B, BM, F [F neg. 63097], G-DC [F neg. 7274], L, NY, OXF, P [2 sheets]); probable original material: F [*Dombey* 197], G-DC [Ruiz & Pavón s.n.; F neg. 34277], MA [3 sheets], NY [*Dombey* s.n.], P [5 sheets], SI [*Dombey* s.n.], US [*Dombey* 197]). – Other specimens: Chile, “prope urbem Valdivia. A los Canelos”, 1 Dec. 1850, *Lechler* 384 (AWH, GH, GOET, P [3 sheets]); Chile, “in silvis”, Mar. 1852, *Philippi* 149 (AWH, GOET, P [2 sheets]).

74. *Persea longipes* (Schltdl.) Meisn. (Meissner 1864: 55). – *Laurus longipes* Schltdl. (Schlechtendal 1832: 390). – Type: Mexico, Veracruz, Jalapa, “Hacienda de la Laguna”, Aug. 1829, fr, *Schiede* s.n. (lecto-: B [10 0247464], designated by Kopp 1966: 46, as ‘holotype’; isolecto-: AWH, B, BM, BR, G, GH, GOET, HAL [3 sheets], HBG, M, MO, NY, P [2 sheets], U).

75. *Persea schiedeana* Nees (Nees von Esenbeck 1836: 130). – *Persea gratissima* Gaertn. var. *schiedeana* (Nees) Meisn. (Meissner 1864: 53). – Type: Mexico, Veracruz, “in sylvis Misantlae”, Mar. 1829, [*Deppe* &] *Schiede* s.n. [1141] (holo-: B; iso-: AWH [*Schiede* s.n.; fig. 3], BM, GZU [fragment], HAL). – Other specimen: Mexico, loco haud indicato, s.d., *Schiede* s.n. (AWH).

Information about *Schiede* s.n. [1141] in Schlechtendal & Chamisso (1831).

76. *Phoebe wightii* Meisn. (Meissner 1864: 38). – Type: India, “in montibus Nilagiri”, s.d., *Metz* 1337 (syn-: AWH, P [3 sheets]).

77. *Pleurothyrium cuneifolium* Nees (Nees von Esenbeck 1836: 352); Rohwer (1986: 42); van der Werff (1993: 68). – *Ocotea triangulata* Kosterm. (Kostermans 1952: 122). – Type: Brazil, Amazonas, Tefé, ‘Ega’, s.d., *Poeppig* 2908 (holo-: B [F neg. 3582]; iso-: B [Mus. Bot. Berol. Film Nr. 5187], G, G-DC, GZU, LE, P [2 sheets]).

Pleurothyrium chrysophyllum Nees (Nees von Esenbeck 1836: 351); Rohwer (1986: 41); van der Werff (1993: 68). – Type: Peru, Cuchero, 1829, *Poeppig* 1718 (syn-: B, B [Mus. Bot. Berol. Film Nr. 1232/33; as *Poeppig* 1719], B [Mus. Bot. Berol. Film Nr. 1232/34; F neg. 3581; as *Poeppig* 1719], F [F neg. 58050], G, GZU, LE [2 sheets], OXF, P, US).

Pleurothyrium macranthum Nees (Nees von Esenbeck 1848: 512). – Type: Brazil, Amazonas, Tefé, “ad Ega”, s.d., *Poeppig* 2125 (syn-: AWH, G, G-DC, GOET, GZU, LE, W).

78. *Pleurothyrium panurense* (Meisn.) Mez (Mez 1889: 468); Rohwer (1986: 42); van der Werff (1993: 68). – *Nectandra panurensis* Meisn. (Meissner 1864: 157). – *Ocotea panurensis* (Meisn.) Kosterm. (Kostermans 1952: 122). – Type: Brazil, Amazonas, “ad fluv. Uaupés prope Panuré, olim S. Hyeronimo”, Oct. 1852–Jan. 1853, *Spruce* 2449 (lecto-: G-DC, designated by Rohwer 1986: 42, as ‘Holotyp’; isolecto-: AWH, B [Mus. Bot. Berol. Film Nr. 5198, F neg. 3584], BM, BR [2 sheets], E, G, K [2 sheets], NY, OXF, P [2 sheets]).

79. *Sassafras albidum* (Nutt.) Nees (Nees von Esenbeck 1836: 490). – *Laurus [Evosmus] albida* Nutt. (Nuttall 1818: 259). – *Tetranthera albida* (Nutt.) Spreng. (Sprengel 1825: 267). – *Sassafras variifolium* (Salisbury 1796: 344) Kuntze (Kuntze 1891: 574) var. *albidum* (Nutt.) Fernald (Fernald 1913: 16). – *Sassafras officinalis* T.Nees & C.H.Eberm. (Nees von Esenbeck & Ebermaier 1831: 418) var. *albidum* (Nutt.) S.F.Blake (Blake 1918: 99). – Type: United States of America, “In North and South Carolina abundant, from the Catawba mountains to the east bank of the Santee”, s.d., ster, *Nuttall* s.n. (holo-: [?]; G-DC). – Other specimens: United States of America, Virginia, Bedford Co., s.d., *Curtiss* s.n. (AWH); United States of America, Ohio, ‘Miami’, 1835, *Frank* s.n. (AWH); United States of America, loco haud indicato, s.d., *Watson & Kelvington* s.n. (AWH); United States of America, Rhode Island, East Greenwich, 18 May 1871, *Congdon* s.n. (AWH).

Laurus sassafras L. (Linnaeus 1753: 371). – *Sassafras officinarum* J.Presl (Presl 1825e: 68). – *Persea sassafras* (L.) Spreng. (Sprengel 1825: 270). – *Sassafras officinalis* T.Nees & C.H.Eberm. (Nees von Esenbeck & Ebermaier 1831: 418). – *Sassafras triloba* Raf. (Rafinesque 1840: 85), **nom. illegit.** – *Sassafras sassafras* (L.) H.Karst. (Karsten 1881: 505), **nom. invalid.** – Type: *Kalm* s.n. (lecto-: Herb. Linn 518.21, LINN, designated by Reveal 2009: 301; probable isolecto-: UPS-KALM [2:135]).

Further information in van der Werff (1997).

Unresolved specimens

80. Specimen: Patria haud indicata, loco haud indicato, s.d., *Anonymous* s.n. [345] (AWH [28343]).

Although the specimen is anonymously annotated with “*Laurus involucrata* Retz.” and “*Tomex sebifera*”, it does not match the typical pattern of *Litsea glutinosa* (Lour.) C.B.Rob., nor the one of *Neolitsea cassia* (L.) Kosterm. (see entry nr. 36).

81. Specimen: Sri Lanka, loco haud indicato, s.d., ster, *Anonymus* s.n. (AWH [28353]).

The specimen is annotated with “*Laurus verticillaris* Van Royi”, thus likely referring to *Litsea zeylanica* Nees & T.Nees (Nees von Esenbeck & Nees von Esenbeck 1823: 58, t. 5). – *Tetradenia zeylanica* (Nees & T.Nees) Nees in Wallich (1831: 64). – *Neolitsea zeylanica* (Nees & T.Nees) Merr. (Merrill 1906: 57). – Type: Sri Lanka, s.d., Hermann s.n. (lecto: L [0101595] ex Herb. Royen, designated by Kostermans 1995: 166). The latter name is accepted by Huang & van der Werff (2008: 114) as a correct name, although Kostermans (1995) has indicated it as synonym of *Neolitsea cassia* (L.) Kosterm. Since the lectotypes of *Laurus cassia* L. and of *Litsea zeylanica* Nees & T.Nees belong to the same taxon, *N. cassia* is therefore the correct name. In any way, the specimen at AWH is sterile and it seems to belong to *Cinnamomum verum* J.Presl.

SUPPLEMENTARY DATA

Supplementary data are available in pdf format at *Plant Ecology and Evolution*, Supplementary Data Site (<http://www.ingentaconnect.com/content/botbel/plecevo/supp-data>), and consist of an index to cited specimens.

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