

1868. (HOLOTYPE: Morocco, Oued Ghaghaia, *Balansa* in B; K, P, NY, US). = *S. balansae* (A. Br.) Hieron.
- Selaginella rupestris* ssp. *balansae* (A. Br.) Emberger, Trav. Crypt. Mangin, 129. 1931; [ssp. *balansae* (Hieron.) Maire in Jahand & Maire, Cat. Pl. Maroc, 1: 11. 1931, based on *S. balansae* Hieron. in Engl. & Prantl, Nat. Pfl. 1(4): 671. 1902]. = *S. balansae* (A. Br.) Hieron.
- Selaginella rupestris* forma *bolanderi* (Hieron.) Clute, Fern Bull, 16: 52. 1908. = *S. hansenii* Hieron.
- Selaginella rupestris* var. *bolanderi* (Hieron.) Jepson, Man. Pl. Calif., 42. 1923. = *S. hansenii* Hieron.
- Selaginella rupestris* var. *borealis* Spring, Monogr. Lyc. II: 57. 1850. (Indirectly based on a variety of specimens repres. many species — acc. Tryon, Ann. Missouri Bot. Gard. 42: 81. 1955).
- Selaginella rupestris* forma *bourgeauii* (Hieron.) Clute, Fern Bull. 16: 52. 1908. = *S. rupestris* (L.) Spring.
- Selaginella rupestris* forma *brasiliensis* Milde, Fil. Eur. Atlant., 263. 1867. (LECTOTYPE: Brazil, Praia de San Diego, *Sellow* in 1821, in B; frag. in NY; Colombia, *Moritz* 370 in B is *S. sartorii*). = *S. sellowii* Hieron.
- Selaginella rupestris* var. *brasiliensis* (Milde) Hieron., Bot. Jahrb. Engl. 22: 417. 1896; non *S. brasiliensis* (Raddi) A. Br., 1865. = *S. sellowii* Hieron.
- Selaginella rupestris* var. *brevipila* A. Br., Ann. Sci. Nat. V, 3: 270. 1865. (SYNTYPES: Peru, Jaen de Bracamoros R. Moroñon, *Humbo:dt & Bonpland* = *S. sellowii* Hieron.; Venezuela, Mucuchies, Merida, *Moritz*; Colombia, Soadra, Bogata, 2600 m., *Lindig* 1523; Ecuador, Quito, *Jameson*). = *S. sellowii* Hieron. et *S. sartorii* Hieron.
- Selaginella rupestris* forma *caffrorum* Milde, Fil. Eur. Atlant., 262. 1867. (HOLOTYPE: Terra Caffrorum, *Bunge*). = *S. caffrorum* (Milde) Hieron.
- Selaginella rupestris* var. *columbiana* M. E. Jones, Univ. Mont. Bull. Biol. Ser., 15: 8. 1910. (HOLOTYPE: Montana, Flathead Lake near Weiser. *M. E. Jones* in BM; MO, US). = *S. wallacei* Hieron.
- Selaginella rupestris* (var.) *densa* (Rydb.) Clute, Fern Allies, 142, 264. 1905; Fern Bull. 16: 53. 1908. = *S. engelmannii* Hieron.
- Selaginella rupestris* (var.) *divaricata* Fée, 9ième Mém.: 36, no. 1. 1857. (TYPE: Mexico, Cordoba, *Schaffner* 130).
- Selaginella rupestris* forma *dregei* (Presl) Milde, Fil. Eur. Atlant.,

262. 1867. (Based on *L. dregei* Presl, 1845). = *S. dregei* (Presl) Hieron. (Alston 1939, 222).
- Selaginella rupestris* forma *engelmannii* (Hieron.) Clute, Fern Bull. 15: 52. 1908. = *S. engelmannii* var. *engelmannii*.
- Selaginella rupestris* var. *fendleri* Underw., Bull. Torr. Bot. Club, 25: 127. 1898; Tryon, Ann. Missouri Bot. Gard. 42: 62. 1955 (In syn.). (LECTOTYPE by Weatherby, Jour. Arn. Arb. 25: 412. 1944, New Mexico, near Sante Fe. *Fendler* 1024 in NY; B, F, GH, MO, US). = *S. underwoodii* Hieron.
- Selaginella rupestris* subvar. *glaucina* Fourn., Mex. Pl., 146. 1872 (sub var. *longipila*, nomen). (Mexico: SYNTYPES, *Schaffner* 299 and 210; *Andr.* 47; *Verl.* 513). (Cuba: *Wright* 1820 = *S. sellowii* Hieron.).
- Selaginella rupestris* forma *hansenii* (Hieron.) Clute, Fern Bull. 16: 52. 1908. = *S. hansenii* Hieron.
- Selaginella rupestris* var. *hansenii* (Hieron.) Jepson, Man. Pl. Calif., 42. 1923. = *S. hansenii* Hieron.
- Selaginella rupestris* forma *haydenii* (Hieron.) Clute, Fern Bull. 16: 52. 1908. = *S. engelmannii* var. *engelmannii*.
- Selaginella rupestris* var. β *incurva* A. Br., in Kuhn, Fil. Afr., 213. 1868. (LECTOTYPE: Union of S. Africa Cape of Good Hope, *Drège*, *Lyc. rupestre* a in B). = *S. caffrorum* (Milde) Hieron.
- Selaginella rupestris* (ssp.) β *incurva* A. Br.; Sim, Ferns S. Afr., ed. 2: 333. 1915. = *S. caffrorum* (Milde) Hieron.
- Selaginella rupestris* var. β *incurva* forma *abyssinica* A. Br. in Kuhn, Fil. Afr., 213. 1868 (nomen nudum); [Note: A single description was provided for «forma *capensis* et *abyssinica*», *Quartin-Dillon*, which is also the type of *S. quartiniana* Cufodontis, nomen nudum. Tryon, Ann. Missouri Bot. Gard. 42: 53. 1955 (In syn.)].
- Selaginella rupestris* var. β *incurva* forma *angolensis* A. Br. in Kuhn, Fil. Afr., 213. 1868; Sim, Ferns S. Afr., ed. 2: 333. 1915. (HOLOTYPE: Angola, *Welwitsch* 169 in B, K, NY, P). = *S. caffrorum* (Milde) Hieron.
- Selaginella rupestris* var. *incurva* forma *capensis* A. Br. in Kuhn, Fil. Afr., 213. 1868 (nomen nudum); Sim, Ferns S. Afr., ed. 2: 333. 1915; Tryon, Ann. Missouri Bot. Gard. 42: 53. 1955 (In syn.). = *S. caffrorum* (Milde) Hieron.
- Selaginella rupestris* forma *indica* Milde, Fil. Eur. Atlant., 262. 1867. (HOLOTYPE: India, Khasia, 5000 ft. *Hooker & Thomson* in GH, NY, P, YU). = *S. indica* (Milde) Tryon.

- Selaginella rupestris* var. *longipila* Fourn., Mex. Pl., 146 (var. β). 1872 (nomen). (Mexico). (Also subvar. *glaucina* Fourn., p. 146 (Mexico & Cuba) and subvar. *viridis* Fourn., p. 146 (Mexico). 1872, nomina).
- Selaginella rupestris* forma *longipila* A. Br. ex Hieron., Hedwigia 39: 291. 1900 (In syn.). = *S. engelmannii* var. *engelmannii*.
- Selaginella rupestris* forma *manchuriensis* Milde, Fil. Eur. Atlant., 262. 1867. (HOLOTYPE: Manchuria, Khalkyli, *Maack*). = *S. sibirica* (Milde) Hieron.
- Selaginella rupestris* forma *mexicana* Milde, Fil. Eur. Atlant., 263. 1867. (TYPE: Mexico, *Aschenborn* 65 in B, annotated by Milde and A. Br.). = *S. peruviana* (Milde) Hieron.
- Selaginella rupestris* var. *mexicana* Conzatti, Fl. Tax. Mex. 1: 150. 1939. (Without Latin description, based on *Pringle* 3900 in NY; non var. *mexicana* Milde, 1867). = *S. extensa* Underw.
- Selaginella rupestris* forma *montanensis* (Hieron.) Clute, Fern Bull. 16: 52 (as *montaniensis*). 1908. = *S. wallacei* Hieron.
- Selaginella rupestris* var. *montanensis* (Hieron.) Broun, Index N. Amer. Ferns, 159. 1938. (In syn., incorrectly attributed to Frye). = *S. wallacei* Hieron.
- Selaginella rupestris* forma *peruviana* Milde, Fil. Eur. Atlant., 263, 1867; Hieron., Bot. Jahrb. Engl. 22: 417. 1897. (TYPE: Peru, *Ruiz* 98 in B). = *S. peruviana* (Milde) Hieron.
- Selaginella rupestris* var. *peruviana* (Milde) Hieron., Bot. Jahrb. Engl. 22: 417. 1896. = *S. peruviana* (Milde) Hieron.
- Selaginella rupestris* var. γ *recurva* A. Br. in Kuhn, Fil. Afr., 213. 1868. (Category taken from annotation on *Welwitsch* 48 and *Drege*, *Lyc. rupestre* b by A. Br.; LECTOTYPE: *Drege*, *Lyc. rupestre* b in B; PARATYPES: *Welwitsch* 48 and 49 in B). = *S. dregei* (Presl) Hieron.
- Selaginella rupestris* ssp. γ *recurva* A. Br.; in Sim, Ferns S. Afr., ed. 2: 333. 1915. = *S. dregei* (Presl) Hieron.
- Selaginella rupestris* var. γ *recurva* forma *dregeana* A. Br. in Kuhn, Fil. Afr., 214. 1868. (Based on *Lyc. dregei* Presl, as to *Drege*, *Lyc. rupestre* b); Sim, Ferns S. Afr., ed. 2: 333. 1915; Tryon, Ann. Missouri Bot. Gard. 42: 57 (In syn.). 1955. = *S. dregei* (Presl) Hieron.
- Selaginella rupestris* var. γ *recurva* forma *welwitschiana* A. Br. in Kuhn, Fil. Afr., 214. 1868. (LECTOTYPE: Angola, *Welwitsch* 48 in B, K, P; PARATYPE: *Welwitsch* 49 in B); Sim, Ferns S. Afr.,

- ed. 2: 333. 1915; Tryon, Ann. Missouri Bot. Gard. 42; 57. 1955.
= *S. dregei* (Presl) Hieron.
- Selaginella rupestris* var. *rupincola* (Underw.) Clute, Fern Allies, 142, 264. 1905; Fern Bull. 16: 53. 1908. = *S. rupincola* Underw.
- Selaginella rupestris* var. *sartorii* (Hieron.) Frye, Ferns Northwest, 31. 1934. = *S. sartorii* Hieron.
- Selaginella rupestris* forma *schmidtii* (Hieron.) Clute, Fern Bull. 16: 52. 1908. = *S. siberica* (Milde) Hieron.
- Selaginella rupestris* var. *shakotanensis* Franch. ex Takeda, Tokyo Bot. Mag. 23: 237, t. 17. 1909. (HOLOTYPE: Japan, Yezo Island. *Faurie* 9895 in SAP, P, MO). (*S. rupestris shakotanensis* Christ, msc. in Mus. Bot. Univ. Wien, sub no. 1577. *Toyakushi* 1898). = *S. shakotanensis* (Franch. ex Takeda) Miyabe & Kudo.
- Selaginella rupestris* var. *sherwoodii* (Underw.) Clute, Fern Allies, 142, 264. 1905; Fern Bull. 16: 53. 1908. = *S. tortipila* A. Br.
- Selaginella rupestris* forma *siberica* Milde, Fil. Eur. Atlant., 262. 1867; Takeda, Tokyo Bot. Mag. 23: t. 16. 1909; Miyabe & Miyake, Fl. Saghal., 604. 1915. (LECTOTYPE: Unalaska, *Chamisso*; PARATYPES: S. Siberia, Ajan, *Tilling*; Dahuria ad flumen Ingoda, *Pallas*). = *S. siberica* (Milde) Hieron.
- Selaginella rupestris* var. *siberica* (Milde) Gilbert, List of N. Amer. Pterid., 22. 1901. = *S. siberica* (Milde) Hieron.
- Selaginella rupestris* var. *tortipila* (A. Br.) Underw., Our Nat. Ferns, ed. 3: 140. 1888; Clute, Fern Bull. 16: 53. 1908. = *S. tortipila* A. Br.
- Selaginella rupestris* var. *tropica* Spring, Monogr. Lyc. II: 57. 1850. (Based on a variety of specimens representing many species).
- Selaginella rupestris* subvar. *viridis* Fourn., Mex. Pl., 146. 1872 (Sub var. *longipila*, nomen). (TYPE: Mexico, S. Luis Potosi, *Virl.* 511; (Oribaza, *Botteri* 78; Borrego, *Bourgeau* 2541 = *S. extensa*). = p. p., *S. extensa* Underw., fide Weatherby, Jour. Arn. Arb. 25: 415. 1944.
- Selaginella rupestris* forma *wallacei* (Hieron.) Clute, Fern Bull. 16: 52. 1908. = *S. wallacei* Hieron.
- Selaginella rupestris* var. *wallacei* (Hieron.) Frye, Ferns Northwest, 33. 1934. = *S. wallacei* Hieron.
- Selaginella rupestris* forma *wrightii* (Hieron.) Clute, Fern Bull. 16: 52. 1908. = *S. wrightii* Hieron.
- Selaginella rupestris* Fr. Schmitt, Mem. Acad. Imp. Sci. St. Peters-

- bourg, VII, 12: 204. 1868; non Spring. = *S. siberica* (Milde) Hieron.
- Selaginella rupestris* Spring sensu Baron, Antananarivo Annual 5: 114. 1881. = *S. echinata* Baker.
- Selaginella rupestris* sensu Duthie, Rec. Bot. Surv. India 1: 179. 1898. = *S. sanguinolenta* forma indica (Milde) Alston.
- Selaginella rupicola* Ridl., Jour. Roy. As. Soc., Str. Br., No. 45: 248. 1906. (TYPE: Christmas Island, *Ridley* in BM). = *S. alutacea* Spring. (Alston 1935 Dec., 438; 1937, 184).
- Selaginella rupincola* Underw., Bull. Torr. Bot. Club, 25: 129. 1898; Tryon, Ann. Missouri Bot. Gard. 42: 20-21, f. 1-2, map 6. 1955. West Texas, New Mexico and Arizona to Puebla, Mexico. (TYPE: New Mexico, *Wootton* 124 in NY and US, Organ Mts., Dona Ana Co. July 10, 1897). Syn.: *S. chrismari* Hieron., 1900; *S. chrismari* var. *karwinskyana* Hieron., 1900; *S. chrismari* var. *neeana* Hieron., 1900; *S. rupestris* var. *rupincola* (Underw.) Clute, 1905.
- Selaginella sabinoides* Liebm., msc. = *S. stenophylla* A. Br.
- Selaginella saccharata* A. Br., Ann. Sci. Nat. V, 3: 272. 1865; Baker, Jour. Bot. 21: 142. 1883; Fern Allies, 47, no. 55. 1887. (TYPE: Mexico, *Sartorius*, A. Br. cit.; Sierra del Cristobal (t. fragm. in us); *Schaffner*, A. Br. cit.). = *S. delicatissima* Linden ex A. Br.
- Selaginella saccharata* var. *major* Fourn., Pl. Mex., 148 (nomen). 1872. (Mexico). = *S. delicatissima* Linden ex A. Br.
- Selaginella saccharata* var. *minor* Fourn., Pl. Mex., 148 (nomen). 1872. (Mexico). = *S. delicatissima* Linden ex A. Br.
- Selaginella saccharata* sensu Eaton, Proc. Amer. Acad. Arts Sci. 18: 189. 1883; Davis, Life of Pringle, 71, 652. 1936. = *S. schaffneri* Hieron. (Alston 1955, 240).
- Selaginella sagraeana* Hieron. ex O. C. Schmidt, Fedde Repert. 20: 157 (nomen). 1924. (TYPE: Cuba, *C. Wright* 3908, NY, US, as *S. rotundifolia*, which number is also the isotype of *S. armata* Baker, l. c., 22: 90. 1884). = *S. bracei* O. C. Schmidt. (Fide Alston).
- Selaginella salaziana* Cordemoy, Bull. Soc. Sci. de l'île de la Réunion, 1890-91: 100. 1891; Flore de l'île de la Réunion, p. 108. 1895 Réunion (TYPE: *Salazie*).
- Selaginella sambasensis* Hieron., Hedwigia 50: 9, no. 7. 1910. Borneo (TYPE: Sarawak, Juli 1865, *Beccari*, FI no. 12885); Dutch Borneo, Bengkulu; Sambas Mts., Boscha. Syn.: *S. blumei* Cesati, 1876.
- Selaginella samoensis* Baker, Jour. Bot. 23: 177, no. 265. 1885; Fern



- Allies, 110, no. 285. 1887. Samoa (SYNTYPES: *Powell, Veitch, Whitmee*).
- Selaginella sancti-antonii* Hieron., Fedde Repert. 10: 100, no. 11. 1911.
(TYPE: Luzon, Laguna, *Ramos*, Bur. Sci. no. 12083). = *S. halconensis* Hieron. (Alston 1935, 380).
- Selaginella sandvicensis* Baker, Jour. Bot. 23: 155, no. 259. 1885; Fern Allies, 108, no. 278. 1887. Hawaii (TYPE: *Menzies* in Hb. Smith; dupl. in BM). Syn.: ?*S. parvula* Hillebr., 1888.
- Selaginella sanguinolenta* (Linn.) Spring, Bull. Acad. Brux. 10: 135, no. 2. 1843. (Based on *L. sanguinolentum* Linn., 1753); in Gaudich., Voy. Bonite Bot. 1: 327. 1844-46; Hand.-Mzt., Symb. Sinicae 6: 4. 1929; Alston, Bull. Fan Mem. Inst. 5: 267. 1934. Kamtchatka (TYPE: *Steller* in Lumian Hb.); Yunnanfu; E. Siberia to W. Himalaya to Turkestan. Syn.: *Stachygyndrum sanguinolentum* (Linn.) Beauv., 1805; *L. boreale* Kaulf., 1824; *S. borealis* (Kaulf.) Spring, 1843.
- Selaginella sanguinolenta* forma *aitchisonii* (Hieron.) Alston, Proc. Nat. Inst. Sci. India, 11: 215. 1945. (Based on *S. aitchisonii* Hieron., 1901). NW Himalaya.
- Selaginella sanguinolenta* var. *brachyclada* Kitagawa, Rep. First Sci. Exped. Manchoukuo, 4: 6, 73. 1936; Acta Phytotax. Geobot. 5: 268. 1936. Manchuria (TYPE: Prov. Chin-chou, prope Chao-yang. *T. Nakai, M. Honda & M. Kitagawa*. Aug. 10, 1933, no. 434, TI).
- Selaginella sanguinolenta* var. *compressa* Trautv. & Mey. (Florula Octotensis) in Middendorff, Reise I(2): 108. 1858; Milde, Fil. Eur. Atlant., 264. 1867; Komarov, Acta Hort. Petrop. 20: 163. 1901 (1902). = *S. sanguinolenta* (Linn.) Spring.
- Selaginella sanguinolenta* var. *genuina* Komarov, Acta Hort. Petrop., 20: 163. 1901 (1902). = *S. sanguinolenta* (Linn.) Spring.
- Selaginella sanguinolenta* forma *indica* (Milde) Alston, Proc. Nat. Inst. Sci. India, 11: 215. 1945. (Based on *S. borealis* forma *indica* Milde, 1867). W. Himalaya to Afghanistan, China and Siberia. Syn.: *S. jacquemontii* Spring, 1843; *L. kunawurense* Royle, 1840 (nomen); *S. rupestris* Duthie, 1898 (non Spring).
- Selaginella sanguinolenta* sensu Liebm., ex Fourn., Mex. Pl., 148 (In syn.). 1872. = *S. delicatissima* Linden.
- Selaginella santipaulensis* Hieron. msc. (Mosen 3812, 3127, 3872 at s). = *S. valida* Alston.
- Selaginella sarawakensis* Hieron., Hedwigia 50: 13, no. 10. 1910. Bor-



- neo (TYPE: Sarawak, Bantiñg. Nov. 1865. *Beccari* in FI no. 12886).
- Selaginella sarmentosa* A. Br., App. Ind. Sem. Hort. Berol., 14. 1857; Ann. Sci. Nat. IV, 13: 62, no. 10. 1860. (Cult. in B; prob. from Jamaica; TYPE in US); Sandford, Man. Exot. Ferns & Selag., 264. 1882. = *S. heterodonta* (Desv.) Hieron. (Alston 1952, 40).
- Selaginella sarmentosa* sensu Liebm., ex Fourn., Mex. Pl., 148. 1872. (In syn. sub *S. moritziana* Spring). (Mexico).
- Selaginella sartorii* A. Br. ex Fourn., Mex. Pl., 149. 1872 (nomen). (TYPE: Mexico, Orizaba, *Weber*). = *S. orizabensis* Hieron.
- Selaginella sartorii* Hieron., Hedwigia 39: 304, no. 14. 1900; Weatherby, Jour. Arn. Arb. 25: 418, t. 2, f. 10. 1944; Tryon, Ann. Missouri Bot. Gard. 42: 36, f. 12, map 18. 1955. (LECTOTYPE: Mexico, *Sartorius* in B). Mexico, Colombia, Venezuela. Syn.: *S. sartorii* var. *oregonensis* Hieron., 1900; *S. sartorii* var. *venezuelensis* Hieron., 1900; *S. rupestris* var. *sartorii* (Hieron.) Frye, 1934; *S. porrecta* Weath., 1944; *S. hintonii* Weath., 1944.
- Selaginella sartorii* var. *oregonensis* Hieron., Hedwigia 39: 305. 1900. (HOLOTYPE: «*Lyll*», in B, frag. in NY; collector and locality unknown; not Oregon). = *S. sartorii* Hieron.
- Selaginella sartorii* var. *venezuelensis* Hieron., Hedwigia 39: 305. 1900. (HOLOTYPE: Venezuela, *Moritz* 370 in B). = *S. sartorii* Hieron.
- Selaginella satakeana* Koidzumi, Acta Phytotax. Geobot. 5: 40. 1936. (Taiwan). = *S. leptophylla* Baker.
- Selaginella savatieri* Baker, Jour. Bot. 22: 87, no. 14. 1884; Fern Allies, 66. 1887; Jour. Bot. 26: 231. 1888; Diels, Bot. Jahrb. Engl. 29: 211. 1901; Hand.-Mzt., Symb. Sinicae, VI: 8. 1929; Ching, Sinensia 3(12): 347. 1933. (TYPE: Japan, Nippon, *Savatier*; Manchuria: Mts. Tsien; E. China, Kiangsu). = *S. nipponica* Franch. & Sav.
- Selaginella scabrida* Ridl., Jour. Roy. As. Soc., Str. Br., No. 80: 159, no. 32. 1919. (TYPE: Pahang, Gunong Tahan, *Ridley* 15960 in K). = *S. alutacea* var. *scabrida* (Ridl.) Alston.
- Selaginella scalariformis* Fée, Hort. Argent. ex A. Br., Ind. Sem. Hort. Berol., 24. (In syn. sub *S. ludoviciana*). 1860. = *S. ludoviciana* A. Br. (Fide Salom., Nomencl., 357. 1883).
- Selaginella scalariformis* Spring, msc. in AWH. = *S. serpens* (Desv.) Spring.
- Selaginella scalariformis* A. C. Smith, Bull. Torr. Bot. Club 58: 314.

1931. Venezuela (TYPE: Gorge of Cano Negro, Savanna Hills, summit of Mt. Duida. *G. H. H. Tate* 817 in NY and US).
- Selaginella scandens* (Beauv.) Spring, Bull. Acad. Brux. 10: 226, no. 102. 1843. (Based on *Stachygynandrum scandens* Beauv., 1804); Monogr. Lyc. II: 192. 1850; Baker, Fern Allies, 93, no. 226. 1887. (West Tropical Africa, Senegambia southward along coast to the Equator); Engl. & Drude, Veget. Erde, 11(2): 79, t. 78. 1908. = *S. myosurus* (Sw.) Alston.
- Selaginella schaffneri* Hieron., in Engl. & Prantl, Nat. Pfl. 1(4): 674, no. 47. 1901 (1902); Hedwigia 41: 172, no. 2. 1902; Davis, Life of Pringle, 332, 508. 1938; Alston, Bull. Brit. Mus. (Nat. Hist.), Bot. 1(8): 240. 1955. Mexico (SYNTYPES: Near San Luis Potosi, 1879. *Schaffner* 8 in US, BM, NY; near Guadalajara, *Pringle* 2594 in BM, US). Syn.: *S. barrancae* Jones, 1935; *S. saccharata* sensu Eaton, 1883.
- Selaginella schatteburgiana* Hieron., Bot. Jahrb. Enbl. 56: 229, no. 29. 1920. New Guinea (TYPE: *Ledermann* 11574).
- Selaginella schefferi* Hieron., Bot. Jahrb. Engl. 50: 2, 24, no. 8. 1913. New Guinea (TYPE: *Schlechter* 19089).
- Selaginella schiedeana* A. Br., App. Ind. Sem. Hort. Berol., 14. 1857 (1858); Ann. Sci. Nat. IV, 13: 62. 1860. (*L. serpens* Schl. & Cham., Linnaea 5: 622. 1830); Baker, Jour. Bot. 21: 142. 1883; Fern Allies, 47, no. 53. 1887; Alston, Bull. Brit. Mus. (Nat. Hist.), Bot. 1(8): 247. 1955. Mexico (TYPE: Papantla, *Schiede & Deppe* in BM); San Luis Potosi; Vera Cruz. Syn.: *L. serpens* Schl. & Cham., 1830; *S. liebmanni* Fourn., 1872 (nom. nud.); *S. fimbriata* Liebm. ex Fourn., 1872 (In syn.); *S. lychnuchus* var. *rigidiuscula* sensu Fourn., 1872.
- Selaginella schiedeana* sensu Davis, Life of Pringle, 81, 332, 516. 1936. = *S. reflexa* Underw.
- Selaginella schiedeana* sensu Christ in Donn. Smith, Enum. Pl. Guat. 4: 180. 1895; in Pittier, Primit. Fl. Costaric. 3(1): 62. 1901. = *S. intacta* Baker.
- Selaginella schiedeana* sensu Christ in Dur. & Pittier, Primit. Fl. Costaric. 1(3): 255, p. p. 1896. = *S. kunzeana* A. Br.
- Selaginella schildei* Hieron. ex v.A.v.R., Mal. Fern Allies, 198, 212. 1915; Mal. Ferns and Fern Allies, Suppl. I, Corr.: 38 (descr.). 1917. (TYPE: Sumatra, Padang, Dec. 1912, *Schilde* in BO). = *S. tylophora* v.A.v.R. (Alston 1937, 181).
- Selaginella schizobasis* Baker, Jour. Bot. 21: 333, no. 86. 1883; Fern

- Allies, 58, no. 95. 1887; Alston, Bull. Brit. Mus. (Nat. Hist.), Bot. 1(8): 261. 1955. E. Mexico (TYPE: Chiapas, *Ghiesbreght* 605, κ) to Guatemala and Nicaragua. Syn.: *S. tuerckheimii* Hieron. ex Donn. Smith, 1905; *S. martensii* sensu Donn. Smith, 1895.
- Selaginella schizobasis* sensu Hemsl. in Godman & Salvin, Biol. Cent.-Amer. 3: 709. 1886, p. p. = *S. mollis* A. Br. (Alston 1955, 249).
- Selaginella schlagintweitii* Hieron., Hedwigia 43: 62, no. 63. 1904. (TYPE: Khasia, *Schlagintweit* 117, Oct. 1855 in B). = *S. subdiaphana* (Wall.) Spring. (Alston 1945, 230).
- Selaginella schlechteri* Hieron., Bot. Jahrb. Engl. 50: 2, 41, no. 17. 1913. New Guinea (TYPE: *Schlechter* 17024). Syn.: *S. schradariana* Hieron., 1920.
- Selaginella schmidtchenii* Hieron., Hedwigia 43: 40, no. 46. 1904. (TYPE: Colombia, 1882. *Schmidtchen*). = *S. microphylla* (HBK) Spring.
- Selaginella schmidtii* Hieron., Hedwigia 39: 292, no. 3. 1900. (LECTOTYPE: Sakhalin, *Schmidt* in B; frag. in NY; PARATYPE: Aleutian Isl., Unalaska, *Chamisso* in B; frag. in NY). = *S. siberica* (Milde) Hieron.
- Selaginella schmidtii* var. *krauseorum* Hieron., Hedwigia 39: 293. 1900; Underw., Bull. Torr. Bot. Club, 33: 203. 1906. (LECTOTYPE: Behring Straits, Tschuktschen, near Emma-Harbour, in rock fissures on River Tlehini, Alaska. A. & A. Krause 53. Sept. 21, 1881 (1882) in B; frag. in NY). = *S. siberica* (Milde) Hieron.
- Selaginella schottii* Hort. ex Kunze, Ind. Fil., 88. 1853. (In syn. sub *S. galeottii*); Hort. ex Kunze, Linnaea 23: 292. 1850 (In syn.); Hort. ex A. Br., App. Ind. Sem. Hort. Berol., 23. 1857 (In syn. sub *S. galeottii*); Sandford, Man. Exot. Ferns & Selag., 260. 1882 (In syn.); Spring ex Guilf., Pl. Bot. Gard. Melb., 147. 1883 (Descr. — «Perennial», otherwise nomen nudum); Chittenden, Dict. Gard. 4: 1932. 1951 and 1956. = *S. galeottii* Spring.
- Selaginella schottmuelleri* Warb., Monsunia 1: 102, 113 (*schottmuelleri*), no. 26. 1900. (TYPE: Hongkong, *Schottmüller* in B). = *S. xipholepis* Baker.
- Selaginella schradariana* Hieron., ex Brause, Bot. Jahrb. Engl. 56: 241, no. 52. 1920. (TYPE: New Guinea, near Wareo, *Bamler* 26a). = *S. schlechteri* Hieron.
- Selaginella schrammi* Hieron. ex Standl., Amer. Fern Jour. 17: 8 (Descr. inadequate — Alston). 1927 (Says first described from Nicaragua). [Nicaragua: Spec. at Washington labeled «S.

- schrammii* sp. nov., along Varawala River, Nicaragua, Aug. 7, 1922. *Rev. F. E. Schram* is a mixture of *S. schizobasis* and *S. eurynota* A. Br.; quoad pl. Panama: Barro Colorado Isl., Gattin Lake, Canal Zone, Jan. 17, 1924. *Standley* 31389, det. Maxon = *S. mollis* A. Br. (Alston 1955, 249)].
- Selaginella schumanni* Hieron., *Engl. Bot. Jahrb.* 50: 2, 26. 1913. New Guinea (SYNTYPES: S. E., *Loria* 129 and 157).
- Selaginella sclerophila* v.A.v.R., *Bull. Jard. Bot. Buit.* III, 2: 182. 1920. = *S. ornata* (Hook. & Grev.) Spring. (Alston 1934, 57).
- Selaginella scoparia* Christ, *Bot. Jahrb. Engl.* 23: 367. 1896. (SYNTYPES: Samoa, *Reinecke* 61 and 61a). = *S. whitmeei* Baker. (Alston 1934, 228).
- Selaginella scopulorum* Maxon, *Amer. Fern Jour.* 11: 36. 1921. (TYPE: Montana, vic. Cracker Lake, Glacier Nat. Park. July 15, 1919. *Standley* 15732 in US). = *S. engelmanni* var. *scopulorum* (Maxon) Reed.
- Selaginella sechellarum* Baker, *Fl. Maurit.*, 523, no. 523. 1877; *Jour. Bot.* 21: 211, no. 64. 1883; *Fern Allies*, 52, no. 72. 1887. Seychelles (TYPE: Mahé, *Horne* 157).
- Selaginella seemanni* Baker, *Jour. Bot.* 21: 244, no. 83. 1883; *Fern Allies*, 57, no. 92. 1887. Colombia (TYPE: Cacagual Island, *Seemann* 1006 in BM, K). Syn.: *S. barbacoascensis* Hieron., 1904; *S. sulcata* sensu J. Smith, 1854.
- Selaginella selaginoides* (Linn.) Link, *Fil. Sp.*, 158. 1841. (Based on *L. selaginoides* Linn., 1753); Spring in Gaudich., *Voy. Bonite Bot.* 1: 327. 1844-46; A. Gray, *Bot. U. S.*, ed. 1: 639. 1848 (Quotes no syn.); Chittenden, *Dict. Gard.* 4: 1932. 1951 and 1956; Alston, *Suppl. Dict. Gard.*, 317. 1956. Newfoundland to Alaska, S to New Hampshire, New York, the Great Lake Region, Idaho; Colorado; NE Nevada; Greenland; British Isles; North and Middle Europe and Asia; Caucasus; Aleutian Islands. Syn.: *S. spinosa* Beauv., 1805; *Bernhardia spinosa* Gray, 1821 (nom. abort.).
- Selaginella selangorensis* Bedd. ex Ridl., *Jour. As. Soc., Str. Br.*, No. 80: 148, no. 3. 1919; Alston, *Straits Gard. Bull.* 8: 44. 1934. Malaya (TYPE: *Ridley* 12040 in K). Syn.: *S. microdendron* Ridl., 1919, non Baker, 1885.
- Selaginella selangorensis* var. *ciliata* Alston, *Straits Gard. Bull.* 8: 44. 1934. Malay Peninsula (SYNTYPES: Perak, *Ridley* 14463 in BM, K; Kedah, *Ridley* 5174 in K).

- Selaginella sellowiana uncinata*; Platt, Jour. Roy. Hort. Soc. 83: 244 (nomen). 1958. = ?*S. uncinata* (Desv.) Spring.
- Selaginella sellowii* Hieron., Hedwigia 39: 306, no. 16. 1900; in Engl. & Prantl, Nat. Pfl.-fam. 1(4): 671. 1900 (1902); Hester, Beih. Bot. Centralb. 39: 253 (*sellovii*). 1922; Alston, Fedde Repert. 40: 307. 1936; Physis 15: 252, no. 1. 1939; Tryon, Ann. Missouri Bot. Gard. 42: 34, f. 11, map 17. 1955. (LECTOTYPE: Brazil, Praia de San Diego, *Sellow* in 1821 in B; frag. in NY). Central Mexico; Cuba; Venezuela to Colombia, Paraguay, Argentina and eastern Brazil. Syn.: *S. rupestris* f. *amazonica* Milde, 1867; *S. rupestris* f. *brasiliensis* Milde, 1867; *S. rupestris* var. *brasiliensis* (Milde) Hieron. in Engl., 1896; *S. montevideensis* Hieron., 1900; *S. amazonica* (Milde) Hieron., 1900; *S. arechavaletae* Hieron., 1900; *S. mildei* Hieron. in Engl. & Prantl, 1901 (1902); *S. pauciciliata* Hieron., 1917.
- Selaginella semicordata* (Wall.) Spring, Mart. Fl. Bras. 1(2): 122. 1840. (Based on *L. semicordatum* Wall., 1829, no. 126, p. p.; Hook. & Grev.); Spring, Bull. Acad. Brux. 10: 145, no. 78. 1843; Monogr. Lyc. II: 107. 1850; Baker, Fern Allies, 48, no. 59. 1887; Alston, Proc. Inst. Nat. Sci. India, 11: 222. 1945. India (TYPE: Mts. near Sylhet, *Wallich* 126/3, in E); E. Himalaya, Behar; Burma; (Nepal, R. Rapti = *S. involvens*, fide Alston 1945, p. 222). Syn.: *S. burghallii* R. Sim, 1858; *S. mettenii* A. Br., 1867; ?*S. mayeri* Hieron., 1901 (1902).
- Selaginella semicordata* sensu Burkill, Rec. Bot. Surv. India, 10: 228. 1925. = *S. monospora* Spring.
- Selaginella semicordatum* (sic) (Wall.) Scott, List Higher Crypt., 63. 1868; Jour. Agr. Hort. Soc. India, N. S., 1(2): 261. 1868 (descr.). (Cites *L. semicordatum* Wall., Cat. No. 137). = *S. semicordata* (Wall.) Spring.
- Selaginella sepikensis* Hieron. ex Brause, Bot. Jahrb. Engl. 56: 243, no. 58. 1920; Alston, Jour. Bot. 77: 225. 1939. New Guinea (TYPE: *Ledermann* 7052); Solomon Isl. (Isabel Isl., Tulagi Isl., Guadalcanal Isl., Malaita Isl.).
- Selaginella sericea* A. Br., Ann. Sci. Nat. V, 3: 298-299, no. 37. 1865; reimpr. in Triana & Planchon, Prod. Fl. Novo-Granatensis, 382. 1865; Monatsber. Preuss. Ac. Wiss. Berl., 1865: 187. 1866; Baker, Fern Allies, 82, no. 186. 1887. Ecuador (TYPE: Andes of Quito, *Cuming* 82 in B).
- Selaginella sericea* var. *angustifolia* A. Br., Ann. Sci. Nat. V, 3: 299.

- 1865; reimpr. in Triana & Planchon, Prodr. Fl. Novo-Granatensis, 383. 1865. (TYPE: Ecuador, *Spruce* 4786 in Hb. Boiss., G = *S. bombycina* var.).
- Selaginella sericea* var. *elongata* Sodiro, Rec. Crypt. Vasc. Prov. Quito, 94. 1883; Crypt. Vasc. Quito, p. 613. 1893 (Reduced form). (Ecuador).
- Selaginella sericea* var. *latifolia* A. Br., Ann. Sci. Nat. V, 3: 299. 1865; reimpr. in Triana & Planchon, Prodr. Fl. Novo-Granatensis, 383. 1865. (TYPE: Ecuador, Quito, *Cuming* 82 in B).
- Selaginella serpens* (Desv.) Spring, Bull. Acad. Brux. 10: 228, no. 117. 1843. (Based on *L. serpens* Desv. in Poir., 1814); Klotzsch, Linnaea 18: 524. 1844; A. Br., App. Ind. Sem. Hort. Berol., 13. 1857; C. M., in The Garden, 15: 216, fig. 1880; Sandford, Man. Exot. Ferns & Selag., 264. 1882; Alston, Bull. Brit. Mus. (Nat. Hist.), Bot. 1(2): 40. 1952; Chittenden, Dict. Gard. 4: 1932 (West Indies). 1951 and 1956. Jamaica (TYPE: Hb. Desvaux in P); Cuba; Hispaniola; Guadeloupe; Martinique. Syn.: *L. plumosum* Lunan, 1844, non Linn.; *S. mutabilis* Hort. ex A. Br., 1857; *S. varians* Hort. ex A. Br., 1857; *S. variabilis* (Hook.) Hort., ex A. Br., 1857.
- Selaginella serpens* sensu Sch. Bip. ex A. Br., Ann. Sci. Nat. V, 3: 272. 1865 (In syn.). = *S. delicatissima* Linden ex A. Br.
- Selaginella serpens* sensu Christ in Dur. & Pittier, Primit. Fl. Costaric. 1(3): 255, p. p. 1896. = *S. intacta* Baker.
- Selaginella serpens* sensu Krug apud Urban, Bot. Jahrb. Engl. 24: 150. 1897, p. p. = *S. cordifolia* (Desv.) Spring.
- Selaginella serpens* sensu Donn. Smith, Enum. Pl. Guat. 5: 102. 1899. = *S. novae-hollandiae* (Sw.) Spring.
- Selaginella serpens* Schlecht. & Cham., Linnaea, 5: 622. 1830. = *S. schiedeana* A. Br.
- Selaginella serpens* var. *acutiuscula* Hieron., in Urban, Symb. Antill., 9: 392 (nomen). 1925. (Hispaniola; Cuba). = *S. cordifolia* (Desv.) Spring.
- Selaginella serpens* forma *brevicaulis* (Baker) Hieron.; on herb. sheet in us Cuba Oriente, *C. Wright* 941, isotype of *S. brevicaulis* Baker. = *S. heterodonta* (Desv.) Hieron.
- Selaginella serrulata* (Desv.) Spring, Bull. Acad. Brux. 10: 228, no. 113. 1843. (Based on *L. serrulatum* Desv. in Poir., 1814); Monogr. Lyc. II: 202, no. 139. 1850. Bourbon (TYPE: *Desvaux*, P).
- Selaginella sertata* Spring, Monogr. Lyc. II: 104, no. 49. 1850; Baker,

- Jour. Bot. 21: 142. 1883; Fern Allies, 47, no. 54. 1887; Alston Bull. Brit. Mus. (Nat. Hist.), Bot. 1(8): 256. 1955. Panama (TYPE: *Sinclair* 49 in K) to Mexico. Syn.: *S. nicaraguensis* Baker, 1883; *S. galeottii* sensu Donn. Smith, 1895.
- Selaginella sespillifolia* A. Br. ex R. Bonap., Notes Pterid., 13: 299 (nomen). 1921. (TYPE: New Caledonia, *Vieillard* 1695 in CN).
- Selaginella setchellii* O. C. Schmidt, Fedde Repert, 20: 158. 1924; Alston, Bull. Bish. Mus. No. 93: 84. 1932. Tahiti (TYPE: *Setchell & Parks* 258 in B, UC).
- Selaginella setigera* Jenm., Jour. Bot. 24: 273. 1886; Ferns Brit. West Indies, 400, no. 34. 1909; Baker, Fern Allies, 75, no. 161. 1887. (SYNTYPES: Jamaica, *Wilson* 136 in K; *Morin* 503 in K (*Morris?*). = *S. heterodonta* (Desv.) Hieron.
- Selaginella setosa* Linden, Cat. No. 23: 9. 1869; Wochenschr. f. Gärten, 12: 189. 1869; Linden Cat. 1870: Regel, Gartenfl. 19: 18. 1870; Sandford, Man. Exot. Ferns & Selag., 264. 1882; Bull. Cat. 1870: 23; Hieron., Hedwigia 58: 288. 1917; J. Verschaffelt Cat. No. 14: 27. 1869 (nomen). (Leaves red below = *S. erythropus* fide Nicholson, Dict. Gard. 3: 410 and 412. 1867; Baker, Fern Allies, 103. 1887 says a small form of *S. erythropus*); Chittenden, Dict. Gard. 4: 1932. 1951 and 1956. (TYPE: Colombia, *Linden*). = *S. erythropus* (Mart.) Spring.
- Selaginella shakotanensis* (Franch. ex Takeda) Miyabe & Kudo, Jour. Fac. Agric. Hokkaido & Saghal., 1): 64. 1930; Alston, Jour. Bot. 70: 61. 1932; Tryon, Ann. Missouri Bot. Gard. 42: 43, fig. 17, map 23. 1955; Tagawa, Col. Illus. Jap. Pterid., 17, t. 4, f. 23, p. 256. 1959. Japan. Syn.: *S. rupestris* var. *shakotanensis* Franch. ex Takeda, 1909.
- Selaginella sheldonii* Maxon, Proc. Biol. Soc. Wash. 31: 171. 1918 (*sheldoni*). (TYPE: Oklahoma, Indian Terr., *Sheldon* 233 in US; to SW Texas and New Mexico). = *S. peruviana* (Milde) Hieron.
- Selaginella shen-siensi* Christ, Nuovo Giorn. Bot. Ital., N. S., 4: 102, p. p. 1897. (China). = p. p., *S. nipponica* Franch. & Sav. et *S. compta* Hand.-Mzt.
- Selaginella sherringii* Hieron., Hedwigia 58: 326, no. 21. 1916 (1917). (Grenada). = *S. substipitata* Spring. (Alston 1952, 34).
- Selaginella sherwoodii* Underw., Torreya 2: 172. 1902; van Eselt., Contr. U. S. Nat. Herb., 20: 171, t. 22, f. 69. 1918. (TYPE: North Carolina, Highlands, Macon Co., *Sherwood* in NY; frag. in US). = *S. tortipila* A. Br.

- Selaginella siamensis* Hieron., Bot. Tidsskr. 24: 113. 1901; in Engl. & Prantl, Nat. Pfl. 1(4): 674. 1901 (1902); Alston, Fl. Gén. de l'Indochine, 7(2): 560. 1951. Siam (TYPE: Nipple, Koh-Chang, Prov. Chantaburi. Schmidt 650); Laos; Cambodia; Cochinchina. Syn.: *S. reptans* Ridley, 1919; *S. ridleyana* Kümmerle, 1928.
- Selaginella sibirica* (Milde) Hieron., Hedwigia 39: 290, no. 1. 1900; in Engl. & Prantl, Nat. Pfl. 1(4): 671, no. 22. 1901 (1902). (Based on *S. rupestris* f. *sibirica* Milde, 1867); Tryon, Ann. Missouri Bot. Gard. 42: 71-72, f. 48, map 47. 1955; Tagawa, Col. Illus. Jap. Pterid., p. 17, t. 4, f. 22, p. 256. 1959. Yukon and Alaska to Trans Baikal, Siberia (TYPE: Willdenow 19367 fol. 1); Manchuria and Japan. Syn.: *S. rupestris* f. *amurensis* Milde, 1867; *S. rupestris* f. *manchuriensis* Milde, 1867; *S. schmidtii* Hieron., 1900; *S. schmidtii* var. *krauseorum* Hieron., 1900; *S. rupestris* f. *schmidtii* (Hieron.) Clute, 1908.
- Selaginella sibogana* v.A.v.R., Bull. Jard. Bot. Buit. II, 11: 30. 1913; l. c., II, 16: 44. 1914. (TYPE: Sumatra, Siboga, Teysmann 2301, BO, L, U). = *S. intermedia* (Bl.) Spring. (Alston 1937, 179).
- Selaginella sibogana* var. *subbinervia* v.A.v.R., Bull. Jard. Bot. Buit., II, 16: 44. 1914. (TYPE: Java, Backer 6393, BO, L). = *S. intermedia* (Bl.) Spring. (Alston Dec. 1935, 435).
- Selaginella sibogana* forma *typica* v.A.v.R., Bull. Jard. Bot. Buit. II, 16: 44. 1914. (TYPE: Sumatra, Teysmann 2301, BO). = *S. intermedia* (Bl.) Spring.
- Selaginella sibuyanensis* Hieron., Fedde Repert. 10: 97, no. 9. 1911; in Elmer's Leaflets Phil. Bot. 6: 1996, no. 8. 1913. (TYPE: Sibuyan Isl., Elmer 12516). = *S. jagorii* Warb. (Alston 1935, 380).
- Selaginella silvestrii* Hieron. ex Pampam., Nuovo Giorn. Bot. Ital., N. S., 17: 230 (nomen). 1910. (TYPE: Hupeh, Silvestri in B and Hb. Levier). = *S. labordei* Hieron.
- Selaginella silvestris* Asplund, Ark. Bot. 20A(7): 30, f. 3-5. 1926; Alston, Bull. Brit. Mus. (Nat. Hist.), Bot. 1(8): 257. 1955. Bolivia (TYPE: Yungas, El Chaco, 1900 m. alt. Asplund 1140, UPS and Hb. Birger), north to Guatemala and Mexico. Syn.: *S. mnioides* sensu Christ, 1896, p. p.; *S. poeppingiana* sensu Hieron., 1905. (Alston 1956).
- Selaginella simalurana* v.A.v.R., Bull. Jard. Bot. Buit. III, 2: 176. 1920. (TYPE: Simaloer Isl., SW of Sumatra, Achmad 413, BO, L,

- κ). = *S. roxburghii* (Hook. & Grev.) Spring. (Alston 1934, 51; 1937, 178).
- Selaginella similis* Kuhn, Forschungsr. Gazelle, 4(Bot.): 17. 1889; Hieron., Hedwigia 50: 8, no. 6. 1910. (TYPE: New Guinea, «sinus Mac Cluer-Bai, in silvis montanis. Apr. 18, 1875»). = *S. atroviridis* (Wall.) Spring, fide Warb. (Monsunia 1: 131. 1900). = *S. intermedia* (Bl.) Spring.
- Selaginella similis brevi-aristata* Hieron., ex v.A.v.R., Mal. Fern Allies, 104. 1915. (New Guinea).
- Selaginella simplex* Baker, Jour. Bot. 23: 293, no. 304. 1885; Fern Allies, 121, no. 326. 1887; Alston, Fedde Repert. 40: 310. 1936. Brazil (TYPE: Santarem, Amazon Valley, *Spruce* 947 in κ and BM).
- Selaginella simpokakensis* Hieron., Bot. Jahrb. Engl. 44: 511. 1910. Borneo (TYPE: *Winkler* 2985).
- Selaginella simulans* v.A.v.R., Bull. Jard. Bot. Buit. II, 20: 27. 1915; Handb. Mal. Ferns and Fern Allies, Suppl. 1: 481. 1916 (1917). (TYPE: Borneo, *Burbridge*). = *S. delicatula* (Desv.) Alston.
- Selaginella sinensis* (Desv.) Spring, Bull. Acad. Brux. 10: 137, no. 19. 1843. (Based on *L. sinense* Desv., 1827); *S. sinensis* (Desv.) Alston ex Ching, Sinensia 3(12): 347. 1933); Alston, Bull. Fan Mem. Inst. 5: 269. 1934. Manchuria; China (Chilhi, Shensi, Shantung, Hupeh, Honan, Kiangsu). Syn.: *S. mongholica* Rupr., 1845. [= *S. involvens* (Sw.) Spring fide Warb., Monsunia 1: 130. 1900].
- Selaginella sinensis* sensu Chittenden, Dict. Gard. 4: 1932. 1951 and 1956. (= *S. canaliculata* Hort.) = *S. delicatula* (Desv.) Alston.
- Selaginella singalanensis* Hieron., Hedwigia 50: 18, no. 12. 1910; Alston, Bull. Jard. Bot. Buit. III, 14: 184. 1937. W. Sumatra (TYPE: Mt. Singalang, 1700 m., Padang, Juni-Juli 1878. *Beccari* in BO and κ). Syn.: *S. flabellatiformis* v.A.v.R., 1920; *S. modica* v.A.v.R., 1922; *S. junghuhniana* Spring, 1854 (oldest name, but confused).
- Selaginella sintenisii* Hieron., Hedwigia 58: 299, no. 10. 1916 (1917). (Cuba; Jamaica; Puerto Rico). = *S. subcaulescens* Baker.
- Selaginella sinuosa* (Desv.) Alston, Jour. Bot. 72: 230. 1934. (Based on *L. sinuosum* Desv. in Poir., 1814). Réunion (TYPE: *Desvaux*). Syn.: *S. surculosa* Spring, 1843.
- Selaginella smithii* Hieron. in Hb. Kew. = ?

- Selaginella smithii* O. C. Schmidt, Act. Hort. Gotob. 5: 52. 1929 (1930).
(TYPE: China, Szechuan, *Smith* 2272). = *S. compta* Hand.-Mzt.
- Selaginella societatis* J. W. Moore, Bull. Bish. Mus. 102: 13. 1923.
Society Isl. (TYPE: Raiatea, *Moore* 638, BISH).
- Selaginella solmsii* Baker, Fern Allies, 56, no. 88. 1887. (TYPE: Guatemala, Costa Grande, *Bernonilli & Cario* 181 in K). = *S. martensii* Spring.
- Selaginella somai* Hayata, Icon. Pl. Formos. 7: 101, f. 66. 1918. (TYPE: Taiwan, Kusukusu and Maruyama. *T. Soma*. Oct. 1911, in TI).
= *S. boninensis* Baker. (Alston 1935, 370).
- Selaginella somaliensis* Baker, Jour. Bot. 21: 82, no. 21. 1883; Fern Allies, 39, no. 23. 1887. (TYPE: Somaliland, mts. 1500-6000 ft. *Hildebrandt* 1484). = *S. yemensis* (Sw.) Spring. (Fide Hieron., in Engl. & Prantl, Nat. Pfl. 1(4): 674. 1901 (1902); Alston 1945, 216).
- Selaginella soneratii* Hieron., Bot. Jahrb. Engl. 50: 2, 7, no. 1. 1913.
New Guinea (TYPE: N. E., *Schlechter* 19758).
- Selaginella soyauxii* Hieron., in Engl. & Prantl, Nat. Pfl. 1(4): 697, no. 305. 1901 (1902); *Hedwigia* 43: 57, no. 60. 1904; Alston, Mem. Soc. Linn. Normandie Bot. 1: 81. 1938; Bol. Real. Soc. Esp. Nat. Hist. 49: 199. 1951; Mém. Inst. Franç. Afr. Noire 50: 37. 1957. Gabun (SYNTYPES: *Jenssocki*, R. Quaqua, Dec. 1874. *Bushholz*; near Sibange, Vista Munda. Apr. 27, 1882. *Soyaux* 419 and *Dunklage* 653); Fernando Po; Liberia; Ivory Coast; Brit. Cameroons; French Cameroons; Sierra Leone; Dahomey; Guinea.
- Selaginella spanielema* Alston, Jour. Bot. 72: 229. 1934; Mitt. Inst. Allg. Bot. Hamburg 7(Pt. 4): 306. 1937. Borneo (TYPE: Sarawak, *Richards* 365 in K. BM). (*S. spanioclema*).
- Selaginella spannagelii* Hieron., msc. (*Luetzelb.* 6071 in Hb. Monac.).
= *S. brasiliensis* (Raddi) A. Br.
- Selaginella speciosa* A. Br., Ann. Sci. Nat. V, 3: 274-275, no. 7. 1865; reimp. in Triana & Planch, Prodr. Fl. Novo-Granatensis, 358. 1865. Colombia (TYPE: Bogata, *Triana*).
- Selaginella speluncae* v.A.v.R., Bull. Jard. Bot. Buit. III, 5: 229. 1922. (forma *typica*, p. 230). (TYPE: Sumatra, *Lörzing* 6352). = *S. mayeri* Hieron. (Alston 1934, 42; 1937, 177).
- Selaginella speluncae* var. *effugita* v.A.v.R., Bull. Jard. Bot. Buit. III, 5: 230. 1922. (TYPE: Sumatra, *Lörzing* 6694). = *S. mayeri* Hieron.
- Selaginella spinosa* Beauv., Prodr. 101, 112. 1805 (nomen abort.).

- (Cites *L. selaginoides* Linn., 1753); Spring, Bull. Acad. Bruz. 10: 135. 1843; Chittenden, Dict. Gard. 4: 1932. 1951 and 1956; Alston, Suppl. Dict. Gard., 317. 1956. = *S. selaginoides* (Linn.) Link.
- Selaginella spinosa* monstr. *furcata* Lueress., Farnpfl., 869. 1889. (Bei Partenkirschen in bairischen Alpen).
- Selaginella spinosa* var. *minor* Spring, Monogr. Lyc. II: 59. 1850. (TYPE: «Hab. in America boreali»).
- Selaginella spinosa* subsp. *bahusiensis* Gdgr., Fl. Eur. 27: 217. 1891. Bohus. Suec., Koster, *Neuman*.
- Selaginella spinosa* subsp. *borealis* Gdgr., Fl. Eur. 27: 216. 1891. Suec., Vestmanl., Kopparberg, *Callmé*.
- Selaginella spinosa* subsp. *bothnica* Gdgr., Fl. Eur. 27: 217. 1891. Suec. bor., Vestroboth., Lofanger, *Andersson*.
- Selaginella spinosa* subsp. *carthusiana* Gdgr., Fl. Eur. 27: 217. 1891. Isère, Gde. Chartreuse, nr. Gd. Som., *Gdgr.*
- Selaginella spinosa* subsp. *delphinensis* Gdgr., Fl. Eur. 27: 217. 1891. Isère, l'Oisans, *Roy*.
- Selaginella spinosa* subsp. *frigida* Gdgr., Fl. Eur. 27: 217. 1891. Scotland, Perth, Ben Laners, *MacKay*.
- Selaginella spinosa* subsp. *glacialis* Gdgr., Fl. Eur. 27: 217. 1891. Pyren. centr., nr. Pic du Midi de Bigorre, *Gdgr.*
- Selaginella spinosa* subsp. *herjedaliensis* Gdgr., Fl. Eur. 27: 217. 1891. Suec. bor., Herjed. Cannas, *Strömfelt*.
- Selaginella spinosa* subsp. *hibernica* Gdgr., Fl. Eur. 27: 217. 1891. Hibern., Dorrn Slieve Donard, *Stewart*.
- Selaginella spinosa* subsp. *imbricaria* Gdgr., Fl. Eur. 27: 217. 1891. Bavar., Munich, Isarauen, *Hohenacker*.
- Selaginella spinosa* subsp. *jugicola* Gdgr., Fl. Eur. 27: 217. 1891. Isère, Gde. Chartreuse, *Gdgr.*
- Selaginella spinosa* subsp. *litigiosa* Gdgr., Fl. Eur. 27: 217. 1891. Angl., Herefordshire, *Ley*.
- Selaginella spinosa* subsp. *ludibunda* Gdgr., 27: 217. 1891. Pyren. or., Set. Casas., *Vayreda*.
- Selaginella spinosa* subsp. *mediana* Gdgr., Fl. Eur. 27: 1891. Helv., Vand. nr. Diablerets, *Maill.* no. 1902.
- Selaginella spinosa* subsp. *nemoricola* Gdgr., Fl. Eur. 27: 216. 1891. Hautes-Alpes, St. Chaffrey, *Albert*.
- Selaginella spinosa* subsp. *norvegica* Gdgr., Fl. Eur. 27: 217. 1891. Norv. bor., Chorpen Haugelien, *Reuterman*.

- Selaginella spinosa* subsp. *orthophylla* Gdgr., Fl. Eur. 27: 217. 1891.
Scotland, Perth, Ben Laners, *Drummond*.
- Selaginella spinosa* subsp. *parvula* Gdgr., Fl. Eur. 27: 217. 1891.
Pyren. centr., Gavarnie, *Bordère*.
- Selaginella spinosa* subsp. *patens* Gdgr., Fl. Eur. 27: 217. 1891. Scot-
land, Kincardines, Strackau, *Sim*.
- Selaginella spinosa* subsp. *pyrenaica* Gdgr., Fl. Eur. 27: 217. 1891.
Basses-Pyren., nr. Lestibette, *Gdgr*.
- Selaginella spinosa* subsp. *scotica* Gdgr., Fl. Eur. 27: 217. 1891. Scot-
land, Kincardines, Strackau, *Sim*.
- Selaginella spinosa* subsp. *vallesiaca* Gdgr., Fl. Eur. 27: 217. 1891.
Helv. mer., Simplon, *Gdgr*.
- Selaginella spinosa* subsp. *vicina* Gdgr., Fl. Eur. 27: 216. 1891. Angl.,
Westmoreland, Kirkstone Pass, *Webster*.
- Selaginella spinosa* subsp. *viridissima* Gdgr., Fl. Eur. 27: 217. 1891.
Suec. bor., Vestrobothn. Lofanger, *Andersson*.
- Selaginella spinulosa* A. Br., in Döll, Rhein Fl., 38. 1843; A. Br., App.
Ind. Sem. Hort. Berol., 12. 1857. (Based on *L. selaginoides* Linn.,
1753); Alston, Suppl. Dict. Gard., 317. 1956. = *S. selaginoides*
(Linn.) Link.
- Selaginella spinulosa* «Spring» ex Baker, Jour. Bot. 22: 87, no. 113.
1884. (Mistake for *subspinulosa* Spring); Fern Allies, 65, no.
121. 1887; Chittenden, Dict. Gard. 4: 1932 (Java). 1951 and
1956; Alston, Suppl. Dict. Gard., 317. 1956. = *S. subspinulosa*
Spring.
- Selaginella spirillum* Liebm. ex Fourn. Pl. Mex., 148. 1872 (In syn.
sub *S. saccharata* var. *minor*). (Mexico). = *S. delicatissima*
Linden ex A. Br.
- Selaginella spirillum* var. *obtusifolia* Liebm., msc. = *S. delicatissima*
Linden ex A. Br.
- Selaginella springiana* v.A.v.R., Bull. Jard. Bot. Buit. II, 11: 28. 1913.
(Based on *S. intermedia* Spring, 1843); Alston, Phil. Jour. Sci.
58: 364. 1935; Mitt. Inst. Allg. Bot. Hamburg 7(4): 306. 1937;
Bull. Jard. Bot. Buit. III, 13: 434. Dec. 1935. (TYPE: Sumatra,
Junghuhn 298 in κ , acc. Spring; Java, *Junghuhn* 298 seems
dupl.; Philippine Isl.; Borneo; Malay Pen.). = *S. longiaristata*
Hieron.
- Selaginella springiana* var. *tumida* v.A.v.R., Bull. Jard. Bot. Buit. II,
11: 28. 1913; Mal. Fern Allies, 77. 1915. (TYPE: Banka, E of

- Sumatra, *Teysmann* 54). = *S. longiaristata* Hieron. (Alston 1937, 178).
- Selaginella springiana* forma *typica* v.A.v.R., Mal. Fern Allies, 77. 1915. = *S. longiaristata* Hieron.
- Selaginella springii* (Gaudich.) Spring, Bull. Acad. Brux. 10: 227, no. 108. 1843. (Based on *L. springii* Gaudich., 1839-46); Hillebrand, Fl. Hawaiian Isl., 649, no. 5. 1888. (TYPE: Hawaii, *Gaudichaud*). = *S. menziesii* (Hook. & Grev.) Spring. (Fide Warb., *Monsunia* 1: 105. 1900).
- Selaginella sprucei* Hook., Second Cent. Ferns., t. 83. 1861 (1864). (TYPE: Orient. Peru, in monte Campana, prope Tarapoto. *R. Spruce* 4623, BM; isotype in US). = *S. chrysoleuca* Spring. (Fide A. Br., Ann. Sci. Nat. V, 3: 274. 1865).
- Selaginella sprucei* A. Br., Ann. Sci. Nat. V, 3: 277, no. 11. 1865; reimpr. in Triana & Planchon, Prodr. Fl. Novo-Granatensis, 360-361. 1865; non Hook., 1861. (SYNTYPES: Ecuador, *Spruce* 4780 (as *S. flabellata* in G) and *Spruce* 4788). = *S. bombycina* Spring.
- Selaginella spurie-marginata* v.A.v.R., Bull. Jard. Bot. Buit. III, 5: 231. 1922. (TYPE: Luigga Arch., N of Sumatra, *Binnemeijer* 7252, BO). = *S. intermedia* (Bl.) Spring. (Alston 1937, 179).
- Selaginella squamifolia* Warb., *Monsunia* 1: 111, 128, no. 165. 1900. New Caledonia (TYPE: *Deplanche* 179).
- Selaginella squarrosa* Baker, Jour. Bot. 23: 180, no. 276. 1885; Fern Allies, 113, no. 298. 1887; Alston, Mém. Inst. Franç. Afr. Noire, 50: 38-39. 1957. West Africa (SYNTYPES: Cameroon Mts., *Mann* 1407; Sierra de Crystal, *Mann* 1638; French Cameroon, *Nickles* 102); Spanish Guinea.
- Selaginella standleyi* Maxon, Smiths. Misc. Coll., 72(5): 9. 1920. (HOLOTYPE: Montana, vic. Sexton Glacier, Glacier Nat. Park, Aug. 7, 1919. *P. C. Standley* 17228 in US). = *S. engelmannii* var. *standleyi* (Maxon) Reed.
- Selaginella stansfieldii* Birkenhead Cat. No. 21: 82 (nomen). 1887; Williams Cat., 59 (nomen). 1891. (Azores, Hort. Stansfield, Oct. 1879, at K). = Probably *S. «azorica»* Hort.
- Selaginella stauntoniana* Spring, Monogr. Lyc. II: 71. 1850; Milde, Fil. Eur. Atlant., 271. 1867; Baker, Fern Allies, 87, no. 207. 1887. China (TYPE: Kiangsi, *Staunton*, Hb. Webb, frag. in BM); Mongolia, Chihli, Shansi, Honan, Kiangsu; Korea. Syn.: *S. affinis* Milde, 1867, non A. Br. 1865.
- Selaginella stellata* Spring, Flora 21: 188 (nomen). 1838; in Mart.

- Fl. Bras. 1(2): 130, no. 20, t. 8B. 1840. (Quotes *L. stellatum* Willd. Herb.); Bull. Acad. Brux. 10: 230, no. 133. 1843; Monogr. Lyc. II: 228. 1850; Sandford, Man. Exot. Ferns & Selag., 265. 1882; Alston, Fedde Repert. 45: 309. 1936. Brazil; Guiana; Peru. Syn.: *L. stellatum* Willd. ex Spreng., 1827 (In syn. sub *L. sulcatum* Desv.); (Spring in Flora, 21: 194. 1838 — a Mexican plant is descr. as *S. stellata* = ?*L. stoloniferum* Cham. & Schl.); *S. conduplicata* Spring, 1838 (nomen); *S. calcarata* A. Br., 1865. *Selaginella stellata* «Spring»; Link, Fil. Sp. Hort. Berol., 159. 1841. = *S. martensii* var. *normalis* A. Br.
- Selaginella stellata* sensu Fourn., Mex. Pl., 148. 1872. = *S. hoffmannii* Hieron. (Alston 1955, 235).
- Selaginella stenophylla* A. Br., App. Ind. Sem. Hort. Berol., 22. 1857; l. c., p. 20, 1858. (TYPE: Hort. Berol. cult. Apr. 1851. *A. Braun* in US); Ann. Sci. Nat. IV, 13: 83. 1860; l. c., V, 3: 291. 1865; C. M. in The Garden, 17: 216, fig. 1880; Baker, Fern Allies, 123, no. 334. 1887 (Mexico, *Bourgeau* 1654; *Hahn* 2156); Conzattii, Fl. Tax. Mex. 1: 142. 1946; Alston, Bull. Brit. Mus. (Nat. Hist.), Bot. 1(8): 247. 1955; Chittenden, Dict. Gard. 4: 1932 (Mexico, 1880). 1951 and 1956. Mexico and Guatemala. Syn.: *S. macroura* Liebm. ex Fourn., 1872; *S. lychnuchus* sensu Fourn., 1872; *S. incurvata* Baker, 1883; *S. vaginata* sensu Liebm. ex Baker, 1883; *S. miradorensis* Hieron., 1904; *S. martensii* sensu Davis, 1936, p. p.
- Selaginella stenophylla* sensu Stansb. Cat., 33 (nomen). 1865 (Quotes *S. microphylla*).
- Selaginella stenophylla* forma *albospica* (Hort.) Baker, Fern Allies, 123. 1887. (Based on *S. albospica* Hort.) = *S. stenophylla* cultivar.
- Selaginella stenophylla* cultivar. *albospica*; Chittenden, Dict. Gard. 4: 1932. 1951 and 1956; Encke in Pareys Blumengärtnerei, p. 5. 1958. Hort.
- Selaginella stenophylla* var. *rigidiuscula* (Fourn.) Baker, Fern Allies, 123. 1887. (Based on *S. lychnuchus* var. *rigidiuscula* Fourn.); also mentioned in Jour. Bot. 23: 295. 1885, but comb. not made.
- Selaginella stenostachya* Warb., Monsunia 1: 109, 126, no. 142. 1900. Australia (TYPE: Hb. Ac. Reg. Gryphicae 46837); Polynesia; Samoa.
- Selaginella stenostachya* Hayata, Icon. Pl. Formos. 4: 130, f. 68. 1914;

- l. c., 7: 102, f. 69. 1918. (TYPE: Taiwan, Shinkocho, *Kawakami* in TI). = *S. leptophylla* Baker. (Fide Sasaki Cat., p. 50).
- Selaginella steyermarkii* Alston, Ann. & Mag. Nat. Hist., XII, 7: 638, t. XII, f. a-c. Aug. 1954; Tryon, Ann. Missouri Bot. Gard. 42: 49, f. 22-23, map 29. 1955. (HOLOTYPE: Guatemala, *Steyermark* 50501 in BM). Guatemala and adjacent Mexico (Chiapas).
- Selaginella stipulata* (Blume) Spring, Bull. Acad. Brux. 10: 145, no. 70. 1843. (Based on *L. stipulatum* Bl., 1830); Monogr. Lyc. II: 144, no. 87. 1850; Alston, Bull. Jard. Bot. Buit. III, 13: 437. 1935, Dec.; op. cit., 14: 175, 181. 1937. Java (TYPE: Mt. Salak, *Blume* in L); Sumatra; Malay Pen.
- Selaginella stolleana* Hieron., ex Brause, Bot. Jahrb. Engl. 56: 236, no. 37. 1920. New Guinea (TYPE: *Ledermann* 10988).
- Selaginella stolonifera* (Sw.) Spring, Flora 21: 193. 1838. (Based on *L. stoloniferum* Swartz, 1788); Bull. Acad. Brux. 10: 229, no. 120. 1843; Monogr. Lyc. II: 209. 1850; Baker, Fern Allies, 61, no. 106. 1887. (TYPE: Hispaniola, *Swartz*, in S and Hb. Swartz; frag. from two sheets in US, annotated by Swartz as *L. stoloniferum* and by Hieron. as *S. stoloniferum*; Cuba; Jamaica). = *S. plumosa* (Linn.) Presl. (Alston 1931, 256; 1952, 36).
- Selaginella stolonifera* sensu Ferguson, Ceylon Ferns, 63. 1880. = *S. brachystachya* (Hook. & Grev.) Spring.
- Selaginella stolonifera* sensu Husnot, Cat. Crypt. Antill. Franç., 58. 1870. = *S. substipitata* Spring. (Alston 1952, 34).
- Selaginella stolonifera* sensu Chittenden, Dict. Gard. 4: 1933. 1951 and 1956. = *S. martensii* var. *stolonifera* Nich.
- Selaginella stolonifera* var. α *domingensis* Spring, Flora 21: 193. 1838; Monogr. Lyc. II: 210. 1850. (TYPE: Hispaniola, S. Domingo, Hb. Willd. No. 19391). = *S. plumosa* (Linn.) Presl. (Alston 1931, 256).
- Selaginella stolonifera* var. β *poepigiana* Spring, Flora 21: 193. 1838. (Says «Cfr. Kunze, Linnaea 9: 11, 20. 1834»); Klotzsch, Linnaea 18: 521. 1844; Spring, Monogr. Lyc. II: 210. 1850. (TYPE: Cuba, *Poepig*). = *S. plumosa* (Linn.) Presl.
- Selaginella stolonifera* var. *stellata* Spring, Flora 21: 194. 1838. (Based on *L. stoloniferum* Cham. & Schlecht., 1833; Mexico, *Schiede*, B). = *S. galeottii* Spring.
- Selaginella straminea* Spring ex Salom., Nomencl., 357. 1883. (In syn. sub *S. substipitata* Spring).
- Selaginella strigosa* Bedd., Kew Bull. 1911; 192, no. 600; Alston,

- Straits Gard. Bull. 8: 44. 1934. Mayala (SYNTYPES: Selangor, Klang Gates, *Ridley* 13442, 13446 in BM and K; Guiting Bida, *Ridley* 7815, 7825 in K). (Sp. dub., cfr. *S. selangorensis* Bedd., fide Alston).
- Selaginella striolata* Warb., *Monsunia* 1: 104, 116, no. 63, 1900. (TYPE: Luzon, *Jagor* 858). = *S. polyura* Warb.
- Selaginella strobiformis* Warb., *Monsunia* 1: 109, 124, no. 128, t. 3D. 1900. New Guinea (TYPE: German New Guinea, *Warburg*): Java (Rothert, v. *Leewan*).
- Selaginella strobilifera* Christ, Bull. Herb. Boiss. II, 1: 72-73. 1901; Christ in Huber, Bol. Mus. Goeldi, 4: 520. 1905-06; Hieron. ex Christ, *Hedwigia* 45. 194. 1906. (TYPE: Peru, between Ucayali and Huallaga. *Huber* 1515, not Brazil). = *S. exaltata* (Kunze) Spring. (Alston 1936, 307).
- Selaginella struthioloides* (Presl) Underw., Bull. Torr. Bot. Club, 25: 132. 1898. (Based on *L. struthioloides* Presl, 1825); Clute, Fern Allies, 150; Checklist, p. 264. 1905 and 1928; see Maxon, Amer. Fern Jour. 11: 35-36. 1921; Weatherby, Jour. Arn. Arb. 25: 411. 1944; Tryon, Ann. Missouri Bot. Gard. 42: 82. 1955. (=mixture of Haenke's labels).
- Selaginella suavis* (Spring) Spring, Bull. Acad. Brux. 10: 229. 1843. (Based on *S. sulcata* subsp. *suavis* Spring, 1838); Klotzsch, *Linnaea* 18: 521. 1844; Baker, Fern Allies, 63, no. 112. 1887; Alston, Fedde Repert. 45: 317. 1936. Brazil (TYPE: *Sellow* in B). Syn.: *S. glaziovii* Fée, 1869; *L. marginatum* Gaudich. in Freyc., 1846-49.
- Selaginella suavis* β *haenkeana* Spring, Flora 21: 197. 1838 (nomen nudum). (Based on *L. marginatum* Humb.); Presl, Rel. Haenk., 78. 1825 (descr.), non H. & B. (TYPE: Peru, in vallibus Cordil-lerian Peruviana). = *S. poeppigiana* Spring.
- Selaginella subalpina* v.A.v.R., Bull. Jard. Bot. Buit. II, 20: 26. 1915; v.A.v.R., Handb. Mal. Ferns and Fern Allies, Suppl. 1: 473. 1916 (1917); Alston, Bull. Jard. Bot. Buit. III, 13: 435. 1935. Java (TYPE: *Backer* 10647 in BO). (Sp. dub., cfr. *S. intermedia* (Bl.) Spring; Alston 1935).
- Selaginella subaquatilis* v.A.v.R., Bull. Jar. Bot. Buit. III, 2: 179. 1920. (TYPE: Sumatra, *Bünnemeijer* 5673, BO and L). = *S. biformis* A. Br. (Alston 1937, 185).
- Selaginella subarborescens* Hook., Second Cent. Ferns, t. 84. 1861 (1864); Baker, Fern Allies, 105, no. 268. 1887; Alston, Fedde

- Repert. 45: 310. 1936. Brazil (TYPE: R. Uapes, near Janarate-Cochoeira, *Spruce*). Syn.: *S. euryclada* A. Br., 1865.
- Selaginella subcalcarata* v.A.v.R., Bull. Jard. Bot. Buit. II, 16: 49. 1914. Borneo (TYPE: *Amdjah* 688). Aff. *S. myosuroides*.
- Selaginella subcaulescens* Baker, Jour. Bot. 22: 277, no. 161. 1884; Fern Allies, 79, no. 174. 1887; Hieron., Hedwigia 58: 301, no. 11. 1916 (1917); Alston, Bull. Brit. Mus. (Nat. Hist.), Bot. 1(2): 34. 1952. Cuba (TYPE: Oriente, 1865. *Wright* 1822 in US; BM; K, type; NY). Syn.: *S. sintenisii* Hieron., 1917; *S. substipitata* sensu Griseb., 1866; *S. haenkeana* sensu Sauvelle, 1872; *S. albo-nitens* sensu Urban, 1903.
- Selaginella subcaulescens* Hayata, Icon. Pl. Formos., 7: 99, fig. 64. 1917 (1918). (HOLOTYPE: Taiwan, Kussshaku, Shintengai. K. *Miyake*, Oct. 18, 1899, TI). = *S. moellendorffii* Hieron. (Alston 1935, 377).
- Selaginella subcordata* A. Br. ex Kuhn, Fil. Afr., 193. 1868; Baker, Fern Allies, 119, no. 321. 1887; Knox, Trans. Bot. Soc. Edinb. 35: 268. 1950; Alston & Abbayes, Bull. Inst. Fr. d'Afr. Noire, 13: 84. 1951; Alston, Mém. Inst. Franç. Afr. Noire, 50: 40-41. 1957. Sierra Leone (TYPE: Freetown, *Welwitsch* 3 in BM); Fr. Guinea; Ivory Coast; Liberia; Fr. Sudan; Moyen-Congo; Tibesti; Guinea. Syn.: *Stachygynandrum subcordatum* Carr., 1901; *Selaginella cordata* Hieron., 1904 (sphalm.).
- Selaginella subdendata* A. Br. msc. ex Schmidt, Act. Hort. Goteb. 5: 53. 1930. (China). = *S. davidii* Franch. (Alston 1934, 274).
- Selaginella subdiaphana* (Wall.) Spring, Bull. Acad. Brux. 10: 232, no. 142. 1843. (Based on *L. subdiaphanum* Wall., 1828, nomen); Hieron., Hedwigia 43: 25, no. 35. 1904; Alston, Proc. Nat. Inst. Sci. India, 11: 230. 1945. India (TYPE: Mts. of Sylhet and Kamoon, *Wallich* in K), from Punjab to Assam. Syn.: *Lycopodioides subdiaphanum* (Wall.) Kuntze, 1891; *S. glauca* Spring, 1850; *S. aggesta* Spring, 1850; *S. schlagintweitii* Hieron., 1904.
- Selaginella suberecta* Baker, Jour. Bot. 22: 245, no. 146. 1884; Fern Allies, 74, no. 157. 1887. (TYPE: Malacca, *Griffith* = *S. repanda* (Desv.) Spring, fide Alston 1934, 45); (China, Upper Yangtze, *Francis* = *S. moellendorffii* Hieron.).
- Selaginella suberosa* Spring, Monogr. Lyc. II: 253, no. 191. 1850; Baker, Fern Allies, 119, no. 318. 1887; Nich., Dict. Gard. 3: 412. 1887; Chittenden, Dict. Gard. 4: 1933 (Khasia Mts., 1907). 1951 and 1956; Alston, Suppl. Dict. Gard., 317. 1956. (TYPE:

- India, Gorval, *Griffith* in K and P; Kew spec. from Khasia Hills).
= *S. pennata* (Don) Spring. (Alston 1945, 225).
- Selaginella suberosa* Auct.; acc. Alston, Suppl. Dict. Gard., 317. 1956.
= *S. chrysocaulis* (Hook. & Grev.) Spring and *S. subdiaphana*
(Wall.) Spring.
- Selaginella suberosa* sensu Baker, Jour. Linn. Soc. 15: 422. 1876. =
S. goudotiana Spring. (Alston 1932, 198).
- Selaginella suberosa* var. *flaccida* Spring, Monogr. Lyc. II: 253. 1850.
(TYPE: India, Gorval, *Griffith*, in error for Khasia). = p. p.,
S. tenuifolia Spring. (Alston 1945, 226).
- Selaginella subfimbriata* v.A.v.R., Bull. Jard. Bot. Buit. II, 1: 26. 1911;
l. c., 7: 34. 1912. (TYPE: Java, Mt. Slamet, *Backer* 355). = *S. or-*
nata (Hook. & Grev.) Spring. (Alston 1934, 57; 1935, 440).
- Selaginella subfimbriata* var. *backeri* v.A.v.R., Bull. Jard. Bot. Buit.
II, 1: 26. 1911. (SYNTYPES: Java, Mt. Slamet. *C. A. Backer* 167;
Preanger Regencies, *Koorders* 15077B). = *S. ornata* (Hook. &
Grev.) Spring. (Alston 1935, 440; 1937, 183).
- Selaginella subfimbriata* var. *koordersii* v.A.v.R., Bull. Jard. Bot. Buit.
II, 1: 26. 1911. (SYNTYPES: Java, Pringombo, *Koorders* 40285B;
Mt. Slamet, *C. A. Backer* 196). = *S. ornata* (Hook. & Grev.)
Spring. (Alston 1935, 440).
- Selaginella subfimbriata* var. *polyura* (Warb.) v.A.v.R., Bull. Jard.
Bot. Buit II, 7: 34. 1912. (Cites *S. subfimbriata* var. *backeri*
v.A.v.R., based on *S. fimbriata polyura* Warb.). = *S. ornata*
(Hook. & Grev.) Spring. (Alston 1935, 440).
- Selaginella subsegregata* Baker, Jour. Bot. 21: 334, no. 90. 1883; Fern
Allies, 59, no. 99. 1887. (TYPE: Brazil, Rio de Janeiro, *Glaziou*
4501). = *S. decomposita* Spring. (Alston 1932, 282; 1936, 310).
- Selaginella subserpentina* v.A.v.R., Bull. Jard. Bot. Buit. II, 1: 17.
1911. Sumbawa (TYPE: *Colfs* IX); Borneo. Syn.: *S. confertissima*
v.A.v.R., 1913.
- Selaginella subspinulosa* Spring, in Miq. Pl. Jungh. 3: 277, no. 10. 1854;
Baker, Jour. Bot. 22: 876, no. 113. 1884 (in errore, *spinulosa*);
Fern Allies, 65, no. 121. 1887 (in errore, *spinulosa*); Nich., Dict.
Gard, 3: 412 (*spinulosa*). 1887; Alston, Bull. Jard. Bot. Buit.
III, 13: 438. Dec. 1935. Java (TYPE: *Zollinger* 2011 in Hb. Kunze,
BM, BO).
- Selaginella subsplendens* Presl, Bot. Bem., 152. 1844; Abh. Böhm.
Ges. Wiss. V, 3: 582. 1844; Hieron., Hedwigia 58: 294. 1917.
Chile (TYPE: *Poeppig*; Peru or Ecuador fide Hieron.).

- Selaginella substipitata* Spring, Bull. Acad. Brux. 10: 227, no. 110. 1843; Monogr. Lyc. II: 198. 1850; Baker, Fern Allies, 58, no. 94. 1887; Alston, Jour. Bot. 72: 39. 1934; Bull. Brit. Mus. (Nat. Hist.), Bot. 1(2): 34. 1952. Guadeloupe (TYPE: *Beaupertius*); Puerto Rico and Dominica, east to Trinidad; Venezuela. Syn.: *S. karsteniana* A. Br., 1865; *S. sherringii* Hieron., 1917; *S. nashii* Hieron., 1913; *S. portoricensis* A. Br., 1865; *S. substipitata* var. *compacta* Kuhn ex Krug, 1897; *S. stolonifera* sensu Husnot, 1870.
- Selaginella substipitata* sensu Griseb., Cat. Pl. Cub., 271. 1866. = *S. subcaulescens* Baker. (Alston 1952, 34).
- Selaginella substipitata* var. *compacta* Kuhn ex Krug, Bot. Jahrb. Engl. 24: 150. 1897 (nomen). (Puerto Rico, *Sintenis* 1549).
- Selaginella subtrisulcata* v.A.v.R., Nova Guinea, Rés. d. Expéd. à 1. Nouv. Guin. 14 (Bot. Liv. 1): 65. 1924. New Guinea (SYNTYPES: *H. J. Lam* 1271 and 1370, in 1920 at 200 m.).
- Selaginella suffruticosa* v.A.v.R., Bull. Jard. Bot. Buit. II, 1: 22. 1911; Alston, Bull. Jard. Bot. Buit. III, 13: 442. 1935. New Guinea (TYPE: Mysole Waigama, *Teysmann*); (Java: Mt. Salak, *Ploem*, prob. error for Mysole, *Teysmann*, fide Alston 1935, 442 = near *S. pentagona* Spring).
- Selaginella sulcangula* Spring, Bull. Acad. Brux. 10: 137. 1843. (TYPE: Colombia, *Plée* in P; Venezuela). = *S. pallescens* (Presl) Spring. (Alston 1955, 231).
- Selaginella sulcangula* sensu Spring, Monogr. Lyc. II: 163, no. 104. 1850. (Jamaica, *Purdie* in K, fide Fée, Mém. XI: 134). = *S. microdendron* Baker. (Alston 1952, 31).
- Selaginella sulcangula* var. *remotifolia* Fée, 9ième Mém., Cat. Mett. Foug. Mex., 36 (nomen). 1857 (*subangula* — sic); Spring ex Fée, Foug. Antill., Mém. XI: 134 (nomen). 1866. (TYPE: Mexico, *Schaffner* 114).
- Selaginella sulcata* (Desv.) Spring ex Mart., Flora, Literaturb. VII, Beibl. 2: 126, no. 197. 1837; Flora 21: 184, no. 14. 1838. (Based on *L. sulcatum* Desv. in Poir., 1814); Monogr. Lyc. II: 214. 1850; Baker, Fern Allies, 63, no. 113. 1887; Nich., Dict. Gard. 3: 412. 1887; Rosenst., Hedwigia 43: 236. 1904; Alston, Fedde Repert. 45: 318. 1936; Physis 15: 257, no. 7. 1939; Chittenden, Dict. Gard. 4: 1933. (S. Brazil). 1951 and 1956. Brazil [SYNTYPES: Desvaux; Santa Catarina, Joinville, *Echmalz* 152, Müller 17

- (Rosenst.)]; Argentina; Paraguay; Bolivia. Syn.: *S. lorentzii* Hieron., 1896; *S. rubescens* Hieron., 1904.
- Selaginella sulcata* sensu J. Smith, in Seem. Bot. Herald, 243, p. p. 1854. = *S. horizontalis* (Presl) Spring et *S. seemannii* Baker.
- Selaginella sulcata* var. *biauriculata* Hieron. ex R. Bonap., Notes Pterid. 2: 140. 1915. (SYNTYPES: Brazil, St. Catarina, *Ule* 2005, 2048, 2128; Rio de Janeiro, *Ule* 2231). = *S. biauriculata* Hieron. (Alston 1936, 318).
- Selaginella sulcata* var. *cruenta* Mart., Flora, Literaturb. VII, Beibl. 2: 126 (nomen). 1836 (1837); Spring, in Mart. Fl. Bras. 1(2): 131. 1840; Monogr. Lyc. II: 216. 1850; Baker, Fern Allies, 63. 1887. (Brazil). = *S. sulcata* (Desv.) Spring. (Alston 1936, 318).
- Selaginella sulcata* var. *microphylla* Hort. ex A. Br., App. Ind. Sem. Hort. Berol., 23 (In syn. sub *S. stenophylla*); A. Br., Ann. Sci. Nat. IV, 13: 87. 1860. = *S. martensii* Spring, fide Mett., Fil. Hort. Lips., 124. 1856.
- Selaginella sulcata* var. *pabstii* Hieron. (?) = *S. sulcata* (Desv.) Spring.
- Selaginella sulcata* subsp. *poeppigiana* Spring, Flora 21: 185. 1838. (Cites *L. poeppigianum* Hook. & Grev., 1833). = *S. plumosa* (Linn.) Presl.
- Selaginella sulcata* subsp. *suavis* Spring, Flora 21: 185. 1838. (Based on *L. marginatum* Gaudich.); emend., Spring, Monogr. Lyc. II: 216, no. 154. 1850. = *S. suavis* (Spring) Spring. (Alston 1936, 317).
- Selaginella sumatrana* A. Br., msc. = *S. frondosa* Warb., fide Alston.
- Selaginella sumatrana* Hieron., & v.A.v.R., Bull. Jard. Bot. Buit. II, 16: 43. 1914. (TYPE: Sumatra, *Teysmann* 2293). = *S. longiaristata* Hieron. (Alston 1937, 178).
- Selaginella sungemagneana* v.A.v.R., Bull. Jard. Bot. Buit. II, 11: 31. 1913. Borneo (SYNTYPES: Sungei Magne, *Nieuwenhuis* 642, 786, 571). (Prob. *S. grabowskyi* Warb.).
- Selaginella superba* Alston, Jour. Bot. 70. 70: 63-64, no. 4, t. 600, f. A-F. 1932. (TYPE: Indochina, Lankai, July 1899, *Wilson* 1B, in Hb. Palat. Vindob.). = *S. frondosa* Warb., fide Alston.
- Selaginella surculosa* Spring, Bull. Acad. Brux. 10: 144, no. 67. 1843; in Gaudich., Voy. Bonite Bot. 1: 330. 1844-46. (SYNTYPES: Bourbon, *Richard*; *Gaudichaud*). = *S. sinuosa* (Desv.) Alston. (Alston 1934, 230).
- Selaginella swartzii* Spring, Bull. Acad. Brux. 10: 140, no. 32. 1843.

- (Based on *L. plumosum* «Linn.», in Sw., Syn., 184, no. 61. 1806; non Linn., 1753); Monogr. Lyc. II: 89, no. 32. 1850; Alston, Jour. Bot. 69: 257. 1931; Proc. Nat. Inst. Sci. India, 11: 231. 1945. = *S. hispida* (Willd.) A. Br. (Alston 1945, 231; 1952, 38). (Note: India orientalis, Swartz in Hb. DC (G), in errore for Jamaica; Swartz quotes *L. pennaeforme* Lamk. and Dill., Musc. t. 66, f. 8; there is a dupl. in B labeled Jamaica; to Swartz it is *S. lasiophylla* A. Br.).
- Selaginella sylvatica* Baker, Jour. Bot. 22: 25, no. 106. 1884; Baker, Fern Allies, 64, no. 115. 1887. (TYPE: Panama, Seeman 31 in BM). = *S. horizontalis* (Presl) Spring. (Alston 1955, 260).
- Selaginella tamariscina* (Beauv.) Spring, Bull. Acad. Brux. 10: 136, no. 9. 1843. (Based on *Stachygynandrum tamariscinum* Beauv., 1804); Alston, Bull. Fan Mem. Inst. 5: 270. 1934; Phil. Jour. Sci. 58: 363. 1935; Bull. Jard. Bot. Buit. III, 13: 433. Dec. 1935; Suppl. Dict. Gard., 317. 1956; Tagawa. Col. Illus. Jap. Pterid., 19, t. 5, f. 29, p. 256. 1959. India orientalis (TYPE: Beauvois, B); Siberia; Manchuria; Japan; Philippine Isl.; N. India; Celebes; Java; Tonkin; Annam; Lobok; China. Syn.: *L. tamariscinum* (Beauv.) Desv., 1814; *S. involvens* auctt.; *S. leveillei* Kumm., 1928; *S. veitchii* MacNab, 1867; *S. involvens* var. *veitchii* Macnab Baker, 1884; *L. circinale* sensu Thunb., 1784; *S. christii* Lev., 1901; *S. convolvens* v.A.v.R., 1913; *S. involvens* f. *minor* Milde, 1867; *S. involvens* Spring, 1843 (excl. basion., non sensu Hieron.).
- Selaginella tamariscina* var. *pulvinata* (Hook. & Grev.) Alston, Bull. Fan Mem. Inst. 5: 271. 1934. (Based on *L. pulvinatum* Hook. & Grev., 1831); Proc. Nat. Inst. Sci. India, 11: 221. 1945. Kamoan (Kumaun); Tibet; China (Chilhi, Yunnan, Hupeh, Szechuan); Assam. Syn.: *S. pulvinata* (Hook. & Grev.) Maxim., 1859; *S. involvens* Baker, 1887, p. p.
- Selaginella tamariscina* var. *ulanchotensis* Ching et Wang-Wei, Flora of Northeast Province, I: 69. 1958. Mongolia (TYPE: Interior Ulanchoote, *Chang yü-liang & Fuh Pei-yun* 479, in Inst. Syiv. & Pedol. Acad. Sinicae Mukden).
- Selaginella tamarisciplia* Hort. ex Kunze, Ind. Fil., Linnaea 23: 294. 1850 (In syn. sub *S. tamariscina*, nomen); ex A. Br., App. Ind. Sem. Hort. Berol., 23. 1857 (In syn. sub *S. cuspidata*).
- Selaginella tansleyi* Baker, Kew Bull. 1906: 205, no. 420. (TYPE:

- Malaya, Perak and Selangor, A. G. Tansley). = *S. alutacea* Spring. (Alston 1934, 55).
- Selaginella tarapotensis* Baker, Jour. Bot. 21: 98, no. 39. 1883; Fern Allies, 44, no. 43. 1887; Alston, Bull. Brit. Mus. (Nat. Hist.), Bot. 1(8): 243. 1955. Peru (TYPE: In monte Guayrapurima, prope Tarapota, Peru orient. R. Spruce 4625. Aug. 1865, BM; isotype in us); Bolivia, N to Panama, Guatemala, Mexico (Vera Cruz and Oaxaca). Syn.: *S. faucium* Liebm. ex Fourn., 1872.
- Selaginella tarokensis* Yamamoto, Jour. Soc. Trop. Agr. Taikohu, 3: 237. 1931 (Taiwan). = *S. heterostachys* Baker.
- Selaginella tarumensis* Hieron., in R. Bonap., Notes Pterid. 1: 180. 1915 (nomen). (TYPE: Brazil, Barra do Rio Negro, Flumen Taruma. R. Spruce 4731, BM). = *S. producta* Baker. (Alston 1936, 315).
- Selaginella tassellata* Nich., Dict. Gard. 4 (Suppl.): 602, f. 62. 1888. (TYPE: Brazil, 1887). Drawing by Wm. Bull; Chittenden, Dict. Gard. 4: 1933. 1951 and 1956; Alston, Suppl. Dict. Gard., 317. 1956. = *S. hordeiformis* Baker.
- Selaginella tectissima* Baker, Jour. Bot. 22: 89, no. 119. 1884; Fern Allies, 67, no. 127. 1887; Sim, Ferns S. Afr., 2nd. ed.: 337-338. 1915. Transvaal (TYPE: Macalisburg Mts., Sanderson).
- Selaginella temehaniensis* J. W. Moore, Bish. Mus. Bull. 102: 13. 1933. Society Isl. (TYPE: Raiatea, J. W. Moore 184, BISH).
- Selaginella tenella* (Beauv.) Spring, Bull. Acad. Brux. 10: 234, no. 164. 1843. (Based on *L. tenellum* Desv. and *Diplostachyum tenellum* Beauv., 1805); Alston, Proc. Nat. Inst. Sci. India, 11: 231. 1945; Bull. Brit. Mus. (Nat. Hist.), Bot. 1(2): 42. 1952; Suppl. Dict. Gard., 317. 1956. Cuba; Jamaica; Puerto Rico; St. Kitts; Monserrat; Guadeloupe; St. Vincent; Saba; Dominica. (Indies orient. Desv. in errore for Puerto Rico; Desvaux's spec. is labeled «India occidentalis in Portorico ex Herb. Vent.»). Syn.: *S. albonitens* Spring, 1843; *Lycopodioides albonitens* (Spring) Kuntze, 1891; *Sel. albonitens* forma *typica* Hieron., 1917; *S. mollis* Fée, 1866.
- Selaginella tenera* (Hook. & Grev.) Spring, Bull. Acad. Brux. 10: 232, no. 144. 1843. (Based on *L. tenerum* Hook. & Grev., 1831); Monogr. Lyc. II: 241. 1850; Baker, Fern Allies, 118, no. 316. 1887; Alston, Proc. Nat. Inst. Sci. India, 11: 227. 1945. S. India (TYPE: Courtallam, Wight in E). Syn.: *S. debilis* (Bory) Spring,

- 1843; *S. miniatospora* (Dalz.) Baker, 1885; *Stachygynandrum obliquum* Beauv., 1804; *L. debile* Bory, 1834.
- Selaginella tenera* sensu Narayanaswami & Carter, Mem. As. Soc. Beng. 7: 290. 1922. = *S. ciliaris* (Retz.) Spring.
- Selaginella tenera* var. *macraei* (Hook. & Grev.) Spring, Monogr. Lyc. II: 242. 1850. (Based on *L. macraei* Hook. & Grev., 1833). = *S. calostachya* (Hook. & Grev.) Alston. (Alston 1945, 229).
- Selaginella tenerrima* A. Br. ex Kuhn, Fil. Afr., 193. 1868; Baker, Fern Allies, 119, no. 320. 1887; Alston, Mém. Inst. Franç. Afr. Noire, 50: 41-42. 1957. Angola (TYPE: Golungo Alto, *Welwitsch* 45); Guinea; Sudan; Nigeria.
- Selaginella tenuifolia* Spring, Monogr. Lyc. II: 253. 1850; Baker, Fern Allies, 118, no. 314. 1887; Alston, Proc. Nat. Inst. Sci. India, 11: 226. 1945; Fl. Gén. de l'Indo-Chine, 7(2): 592-593. 1951. India (SYNTYPES: Gorval, *Griffith*, K; in errore for Khasia; Mishmi Hiki, *Griffith*, K); Sikkim to Burma; Laos; Siam. Syn.: *S. chrysorrhizos* Spring, 1850, p. p.; *S. suberosa* var. *flaccida* Spring, p. p.
- Selaginella tenuissima* Fée, Crypt. Brés., 2: 98, no. 6/2, t. 108. 1873; Baker, Fern Allies, 41-42, no. 32. 1887; Rosenst., Hedwigia 46: 167. 1907; Alston, Fedde Repert. 45: 314. 1936. Brazil (TYPE: Rio de Janeiro, Alto-Macahe, *Glaziou* 4499). Syn.: *S. cunninghami* Baker, 1884; *S. papagaiensis* A. Silv., 1898. (Sp. dub. = slender state of *S. mucosa* Spring).
- Selaginella tenuissima* var. *major* Hieron. ex Dusén, Arch. Mus. Nat., 13: 109. 1903 (nomen). (TYPE: Itatiaya, Retiro, *Dusen* 539, s).
- Selaginella tereticaulis* (Desv.) Spring, Flora 21: 210. 1838. (Based on *L. tereticaulon* Desv. in Poir., 1814); Bull. Acad. Brux. 10: 225, no. 90. 1843; Alston, Dansk Bot. Ark. 7: 200. 1932. Mauritius (TYPE: *Desvaux*).
- Selaginella ternatensis* Hieron. ex Christ, Bull. Acad. Geogr. Bot. 11: 274. 1902 (nomen). (Ternate). Aff. *S. pouzoliana*.
- Selaginella tessellata* Bull, Jour. Hort. & Cult. Gard., N. S., 13: 279. 1886 (nom. subnud., Roy. Hort. Soc. Certif., 21 Sept. 1886); Bull. Cat. 1887, 3 and 12 (nom. subnud., said to be new); Lebl., Illustr. Gartenztg. 31: 243, t. 32 (*tesellata*). 1887; Nich., Dict. Gard. 4 (Suppl.): 602, f. 62 (*tassellata*). 1888; Dyer, Kew Bull. Add. Sci. 4: 365. 1900; Alston, Fedde Repert. 40: 319. 1936 (*S. tassellata* Chittenden); Suppl. Dict. Gard., 317. 1956. [Brazil: *Bull*



- (Lebl.), in errore for New Caledonia]. = *S. hordeiformis* Baker (New Caledonia).
- Selaginella tetragonostachya* (Wall.) Spring, Bull. Acad. Brux. 10: 234, no. 163. 1843. (Based on *L. tetragonostachyum* Wall., 1829); Warb., Monsunia 1: 104, no. 54. 1900. (TYPE: Burma, Mts. of Ava, *Wallich*). = *p. p.*, *S. repanda* (Desv.) Spring and *S. reticulata* (Hook. & Grev.) Spring. (Alston 1945, 217, 225).
- Selaginella texta* J. Mackay, Prix-Courant, No. 121: 39. 1883 (nomen); Nich., Dict. Gard., 3: 411-412. 1887; G. Schneider, Choice Ferns, III: 422. 1894; Alston, Suppl. Dict. Gard., 317 (in Belgium gardens). 1956. = *S. convoluta* (Arn.) Spring in Mart.
- Selaginella textura* Regel, Gartenfl. 25: 75. 1876 (nomen subnud.); Alston, Suppl. Dict. Gard., 317. 1956. (Brazil, Minas Geraes?). = *S. convoluta* (Arn.) Spring in Mart. (Alston 1936, 307).
- Selaginella teysmanni* Hieron., Hedwigia 43: 60, no. 62. 1904. (TYPE: Celebes, *Teymann* 12170, BO, L). = *S. elegantissima* Warb. (Alston 1940, 346).
- Selaginella thomensis* Alston in Exell, Cat. Vasc. Pl. S. Tomé, 97, f. 3. 1944; Alston, Mém. Inst. Franç. Afr. Noire, 50: 44. 1957. S. Tomé (TYPE: *Exell* 423, BM); Cameroon; Sierra Leone; Nigeria; Brit. Cameroon.
- Selaginella thomsoni* Hieron., Hedwigia 43: 38, no. 45. 1904. (India, Khasia. J. D. Hooker & T. Thomson, K) = *S. vaginata* Spring. (Alston 1945, 217).
- Selaginella thoytsiana* Curd, Proc. Roy. Hort. Soc. 3: 285. 1863 (nomen). (Shown by Mr. Curd, gardener to Mr. E. Thoyts Esq., Reading — a supposed seedling from *S. lepidophylla*, but not apparently different). = ?*S. lepidophylla* Baker.
- Selaginella thuyaefolia* Spring, in Mart. Fl. Bras. 1(2): 120, no. 5. 1840; Bull. Acad. Brux. 10: 140, no. 31. 1843; Baker, Jour. Bot. 21: 83 (*thuyaefolia*), in syn. 1883. (TYPE: Uruguay, Montevideo, *Sellow*). = *S. microphylla* (HBK) Spring. (Alston 1936, 312).
- Selaginella thurnwaldiana* Hieron., ex Brause, Bot. Jahrb. Engl. 56: 227, no. 28. 1920. New Guinea (TYPE: *Ledermann* 12232).
- Selaginella tobagensis* Hieron., in Urban Symb. Antill. 3: 524. 1903. (TYPE: Tobago, Morned'Or., 1200 ft. alt. Nov. 1889. *Eggers* 5815; isotype in US). = *S. producta* Baker. (Alston 1936, 315).
- Selaginella tomentosa* Spring, Monogr. Lyc. II: 231, no. 168. 1850; A. Br., Ann. Sci. Nat. V, 3: 304. 1865. Colombia (TYPE: Gorgona Isl., *Hinds*, in K).



- Selaginella tonkinensis* Baker, Jour. Bot. 28: 268. 1890. (TYPE: Tonkin, Mont Bavi, R. Noire, *Balansa* 1998 in K). = *S. ornata* (Hook. & Grev.) Spring.
- Selaginella toppingii* Hieron., Fedde Repert. 10: 112, no. 18. 1911 (TYPE: Luzon, Laguna, Mt. Maquiling, *Topping* 911). = *S. halconensis* Hieron. (Alston 1935, 380).
- Selaginella torricelliana* v.A.v.R., Bull. Jard. Bot. Buit. II, 1: 15. 1911. New Guinea (TYPE: Mt. Torricelli, *Schlechter* 14383, p. p.).
- Selaginella tortipila* A. Br., Ann. Sci. Nat. V, 3: 271. 1865; Milde, Fil. Eur. Atl., 263. 1867; Tryon, Ann. Missouri Bot. Gard. 42: 29, f. 10, map 16. 1955. (LECTOTYPE: North Carolina, Broad River. *Rugel*, July 1841, B and NY; isotype in US). Mts. of western North Carolina, South Carolina and northern Georgia. Syn.: *S. rupestris* var. *tortipila* (A. Br.) Underw., 188; *S. sherwoodii* Underw., 1902; *S. rupestris* var. *sherwoodii* (Underw.) Clute, 1905. [Not Tennessee, see Wherry, Jour. So. Appal. Bot. Club, 1(6): 68. 1936].
- Selaginella trachyphylla* A. Br., Sitz. Forungs.-Ber. Ges. Naturf. Fr. Berl. 1863, p. 8 (nomen); Hieron., in Engl. & Prantl, Nat. Pfl. 1(4): 693, no. 229 (descr.). 1901 (1902); Alston, Bull. Fan Mem. Inst. 5: 279. 1934; Fl. Gén. de l'Indo-Chine, 7(2): 564-565. 1951. Hongkong (TYPE); China (Kweichow, Kwangtung); Indochina; Tonkin; Annam. Syn.: *S. atroviridis* var. *trachyphylla* (A. Br.) Warb., 1900.
- Selaginella triangulare* (sic) Hort., Edinb. ex Macnab, Trans. Edinb. Bot. Soc. 9: 9. 1868 (In syn. sub *S. vogelii*). = *S. vogelii* Spring.
- Selaginella triangularis* Linden Cat. No. 17: 34 (nomen). 1862; Leclerc du Sablon, Journ. de Bot. 3: 208. 1889; Bull. Cat., p. 139. 1873 (nomen); Williams Cat. = *S. vogelii* Spring.
- Selaginella triangularis* v.A.v.R., Bull. Jard. Bot. Buit. II, 28: 49. 1918. (TYPE: Borneo, *Nieuwenhuis* 228, BO). = *S. brevipes* v.A.v.R.
- Selaginella trichobasis* Baker, Jour. Bot. 22: 275, no. 152. 1884; Fern Allies, 76, no. 164. 1887. (SYNTYPES: Malaya, Penang, *Wallich* 120; Singapore, *Norris*). = *S. roxburghii* (Hook. & Grev.) Spring. (Alston 1934, 51).
- Selaginella trichobasis* var. *strigosa* Ridl., Jour. Roy. As. Soc., Str. Br., No. 80: 153. 1919. (TYPE: Pahang, Wrays Camp, Gunong Tahan, *Ridley*). = *S. roxburghii* (Hook. & Grev.) Spring. (Alston 1934, 51).
- Selaginella trichoclada* Alston, Jour. Bot. 70: 63, no. 3. 1932; Bull.

- Fan Mem. Inst. 5: 276. 1934. China (TYPE: Anhwei Prov., above Fan-Kon, Wang Shan, A. N. Steward 7221 in BM, NF, E, US).
- Selaginella trifurcata* Baker, Jour. Bot. 21: 98. 1883; Fern Allies, 43-44, no. 40. 1887; Alston, Jour. Bot. 72: 38, f. 9, G-I, M. 1934. (TYPE: Brazil, Panure, R. Uapes, Spruce 2532 in BM, K; Trinidad; Tobago). = *S. deltoides* A. Br. (Alston 1936, 312).
- Selaginella trinervia* Spring, Bull. Acad. Brux. 10: 143, no. 62. 1843; in Gaudich., Voy. Bonite Bot. 1: 334. 1846. (TYPE: Malaya, Singapore, Gaudichaud, P; dupl. in Hb. Delessert, P). = (*S. atroviridis* forma). *S. intermedia* (Bl.) Spring.
- Selaginella trisulcata* Aspl., Ark. Bot. 20A(7): 34, f. 6. 1926. Bolivia (TYPE: Yungas, El Chaco, 1900 m. Asplund 1482, UPS and Hb. Birger).
- Selaginella triuncialis* Sodiro, Crypt. Vasc. Quito, 594, no. 3. 1893. (TYPE: Ecuador, Volcan Atacatzo, 1600-2200 m.; spec. from Canzacato at P — not type). = ?*S. novae-hollandiae* (Sw.) Spring.
- Selaginella truncata* Karst. ex A. Br., App. Ind. Sem. Hort. Berol., 15. 1857; A. Br., Ann. Sci. Nat. IV, 13: 65. 1860; l. c., V, 3: 273, no. 4. 1865; Baker, Jour. Bot. 21: 241. 1883; Fern Allies, 53, no. 78. 1887. Colombia (SYNTYPES: Bogota, Andes of New Grenada, Karsten, B; Susumuco, alt. 1000 m., Triana).
- Selaginella tuberculata* Spruce ex Baker, Jour. Bot. 21: 83, no. 25. 1883; Fern Allies, 40-41, no. 28. 1887; Alston, Fedde Repert. 40: 312. 1936; Bull. Torr. Bot. Club 45: 80. 1948. Brazil (TYPE: Panuré, R. Uapes, Spruce 2940 in K); Surinam; Brit. Guiana.
- Selaginella tuberosa*; C. M., The Garden, 15: 217. 1880 (nomen); Velenovsky, Vergl. Morph. 1: 260 (descr.). 1905. (Rhizome with tubers). = (?*S. suberosa* Spring) *S. pennata* (Don) Spring.
- Selaginella tucumanensis* Hieron., Bot. Jahrb. Engl. 22: 419, no. 138. 1896; in Engl. & Prantl, Nat. Pfl. 1(4): 685, no. 148. 1901 (1902). (SYNTYPES: Argentina, Tucuman, Lorenz 295, p. p. and 795). = *S. novae-hollandiae* (Sw.) Spring.
- Selaginella tuerckheimii* Hieron., ex Donn. Smith, Enum. Pl. Guat., 6: 67. 1903; l. c., 7: 65. 1905; E. Hoffmann, Sitz. Akad. Wiss. Wien, Math.-Naturw. Kl., Abt. 1, 139: 641. 1930 (descr. anat. *türkheimii*). (SYNTYPES: Guatemala, Tuerckheim 8364 and 8365 in K, NY, US). = *S. schizobasis* Baker.
- Selaginella tyleri* A. C. Smith, Bull. Torr. Bot. Club 58: 311. 1931. Venezuela (TYPE: Summit of Mt. Duida, Tate 463, isotype in US).
- Selaginella tylophora* v.A.v.R., Bull. Jard. Bot. Buit. II, 16: 50. 1914;

- Alston, Bull. Jard. Bot. Buit. III, 14: 181. 1937. Sumatra (TYPE: *Teysmann* 2299, BO). Syn.: *S. schildei* Hieron. & v.A.v.R., 1915; *S. heteromorpha* v.A.v.R., 1920; *S. rubicundipes* v.A.v.R., 1920.
- Selaginella uhligii* Hieron., msc.; Alston herb. Tanganyika, *C. Uhlig* 845. = *S. wightii* var. *phillipsiana* Hieron.
- Selaginella ujensis* Hieron., Bot. Jahrb. Engl. 44: 514. 1910. (TYPE: Borneo, *Winkler* 2662, κ). = *S. ciliaris* (Retz.) Spring.
- Selaginella uliginosa* (Labill.) Spring, Bull. Acad. Brux. 10: 136. 1843. (Based on *L. uliginosum* Labill., 1806); Monogr. Lyc. II: 60. 1850; F. M. Bail., Fern World Austr., 78. 1881; Syn. Queensl., 673. 1883; Baker, Fern Allies, 34. 1887; Tate, Handb. Fl. Extratr. S. Austr., 270. 1890; Hieron., in Nat. Pfl. 1(4): 669. 1901 (1902); Warb., Monsunia 1: 100. 1900; Turner, Proc. Linn. Soc. N. S. Wales, 310. 1906; Domin, Bibl. Bot. 20: 236. 1915. Australia and Tasmania.
- Selaginella umbrosa* [(Lemaire) Hort.; v. Houtte, 1846; Hort., Kunze, Linnaea 23: 292. 1850 (In syn. sub *S. erythropus*); ex Kunze, Ind. Fil., 88. 1853 (In syn.); Linden, Cat. Not. No. 8: 15. 1853. (Quoted under genus, no authority); Cz. & Warz., Cat. Hort. Cracov., 13. 1864 (In syn. sub *S. erythropus* Spring)]; (Regel, Gartenflora 4: 314. 1855, nom. nud.); Lemaire ex Hieron., in Engl. & Prantl, Nat. Pfl. 1(4): 683, f. 404. 1901 (1902); Alston, Bull. Brit. Mus. (Nat. Hist.), Bot. 1(2): 30. 1952; Suppl. Dict. Gard., 317. 1956. Yucatan & Brit. Honduras to Colombia; Barbados and Tobago. Syn.: *S. lemairei* Hieron., 1917 nom. illegit.; *L. umbrosum* Lemaire ex Kunze, 1850 (nom. syn.), non *L. umbrosum* Bory ex Willd., 1810; *S. erythropus* sensu Jenman, 1909, non Spring; *S. erythropus* var. *major* Spring, 1850.
- Selaginella uncinata* (Desv.) Spring, Bull. Acad. Brux. 10: 141. 1843. (Based on *L. uncinatum* Desv. in Poir., 1814); Monogr. Lyc. II: 109. 1850; A. Br., App. Ind. Sem. Hort. Berol., 14. 1857; Nich., Dict. Gard., 3: 412. 1887; Baker, Fern Allies, 48, no. 58. 1887; Sandford, Man. Exot. Ferns & Selag., 265. 1882; Alston, Bull. Fan Mem. Inst. 5: 275. 1934; Fl. Gén. de l'Indo-Chine, 7(2): 583-584. 1951; Chittenden, Dict. Gard. 4: 1933 (China). 1951 and 1956. (TYPE: China in Hb. Desvaux). India orientalis; China (Szechuan, Kweichow, Chekiang, Kwangtung, Yunnan, Kwangsi); Tonkin. Syn.: *Lycopodioides uncinatum* (Desv.) Kuntze, 1891; *S. caesia* Kunze, 1847; *S. eurystachya* Warb., 1900; *S. aristata* (Roxb.) Scott, 1868; *Lyc. dilatatum* Hook. & Grev., 1831.

- Selaginella uncinatum* var. *arborea* Mett., Fil. Hort. Lips., 124. 1856; Regel, Cat. Hort. Aksak., 131. 1860. (Quotes *S. caesia arborea* and *L. caesium arboreum* Hort.) Cultivated. = *S. willdenovii* (Desv.) Baker. (Alston 1934, 45).
- Selaginella underwoodii* Hieron. in Engl. & Prantl, Nat. Pfl. 1(4): 714. 1901 (1902). (Based on *S. rupestris* var. *fendleri* Underw., 1898). Texas to Arizona, N to Wyoming and Oklahoma. Syn.: *S. fendleri* (Underw.) Hieron., 1900, non Baker, 1887; *S. underwoodii* var. *dolichotricha* Weath., 1944.
- Selaginella underwoodii* var. *dolichotricha* Weatherby, Jour. Arn. Arb. 25: 412, t. 1, f. 2. 1944. (TYPE: New Mexico, on Mogollon Creek, Mogollon Mts., Socono Co., elev. 8000 ft. July 1903, *Metcalf* 276 in GH; frag. US, MO, NY). = *S. underwoodii* Hieron.
- Selaginella undulata* Liebm., Hieron., Hedwigia 58: 295. 1917; Fourn., Mex. Pl., 148. 1872 (nomen). (Mexico, Yecoatha, *Liebman* = *S. hoffmannii*; Cordoba, *Bourgeau* 1699 bis = *S. hoffmannii*; Orizaba, *M. B.* 99, 92, p. p. = *S. hoffmannii*; all specimens in Hb. Antwerp = *S. stenophylla*). = *S. hoffmannii* Hieron. (Alston 1955, 235). Aff. *S. erythropus* Spring.
- Selaginella unilateralis* Spring, Bull. Acad. Brux 10: 232, no. 140. 1843; Monogr. Lyc. II: 254, no. 193. 1850; Baker, Fern Allies, 120, no. 322. 1887; Alston, Dansk Bot. Ark. 7: 199, t. 78, f. 13-20. 1932. Madagascar (TYPE: *Bernier*, P).
- Selaginella urbani* Hieron., in Engl. & Prantl, Nat. Pfl. 1(4): 709, no. 297. 1901 (1902). (Brazil). = *S. marginata* (H. & B.) Spring. (Alston 1936, 318).
- Selaginella usta* Vieill. ex Baker, Jour. Bot. 23: 23, no. 212. 1885; Fern Allies, 94, no. 229. 1887; Chittenden, Dict. Gard. 4: 1933 (New Caledonia). 1951 and 1956. New Caledonia (SYNTYPES: *Wagap*, *Vieilland*, *Pancher*).
- Selaginella usta* var. *angustifolia* Hieron. ex Jeanpert, Bull. Mus. Paris 17: 579 (nomen). 1911. New Caledonia (SYNTYPES: *LeRat* 79, 117, 2895).
- Selaginella usterii* Hieron., ex Usteri, Beitr. Phil. Veg., 135. 1905; Elmer's Leaflets Phil. Bot. 6: 2055, no. 32. 1913 (*usterii*); Viertel. Jahrsch. Nat. Ges. Zurich, 50: 457. 1906. (Philippine Isl. and Subu Isl.). = *S. chilensis* (?). (Nomen prius).
- Selaginella usterii* var. *halmaheirae* v.A.v.R., Bull. Jard. Bot. Buit. III, 5: 239. 1922. (TYPE: Halmaheira, *Beguin* 1788, BO, L). (*S. aspe-*

- rulipes* v.A.v.R., acc. Alston 1940, 348). = *S. canaliculata* (Linn.) Baker.
- Selaginella utahensis* Flowers, Amer. Fern Jour. 39: 83-86, 6 figs. 1949; Tryon, Ann. Missouri Bot. Gard. 42: 74, f. 52, map 49. 1955. SW Utah (HOLOTYPE; *Cottam* 5644 in UT; frag. in US; PARATYPE: *Cottam* 8817 in UT) to S. Nevada. (Washington Co., Utah, 6500 ft. Apr. 5, 1931. *W. P. Cottam* 5644 (TYPE): date erroneous, see Amer. Fern Jour. 40: 167. 1950, dry face of Lady Mts., Zion Nat. Park).
- Selaginella utchinensis* Koidz., Acta Phytotax. Geobot. 4: 229. 1935. (TYPE: Japan Ryukyu, Ins. Utchina, Mt. Onnadak, *S. Tawada*. Apr. 15, 1943, No. 99 in KYO). (Cfr. *S. limbata* Alston) = *S. retifolia* Spring.
- Selaginella vaginata* Spring, Monogr. Lyc. II: 87, no. 29. 1850; Alston, Proc. Nat. Inst. India, 11: 217. 1945; Alston & Bonner, Candollea 15: 194. 1956. India [SYNTYPES: Gorval, *Griffith* in K; Bhotan, *Griffith* in K; Nilghiris, *Perottet* in P = *S. radicata* (Alston 1945)]; Himalayas, E to Bhutan, Assam and Burma. Syn.: *S. imbricata* J. Scott, 1868; *S. thomsoni* Hieron., 1904.
- Selaginella vaginata* sensu Liebm. ex Baker, Jour. Bot. 21: 99 (Sub *S. incurvata*). 1883. (TYPE: Mexico, *Liebmann*). = *S. stenophylla* A. Br.
- Selaginella valdepilosa* Baker, Jour. Bot. 21: 82, no. 24. 1883; Fern Allies, 40, no. 27. 1887. Brit. Guiana (TYPE: Demerara, Kaieteur Savanna, *Jenman* 1484).
- Selaginella valida* Alston, Jour. Bot. 70: 281. 1932; Fedde Repert. 40: 317. 1936. Brazil (TYPE: S. Paulo, S. Jose do Barreiro, *Hoehne & Gehrt* 17698 in BM).
- Selaginella vanheurckiana* Spring, in v. Heurck, Pl. Nov., 28. 1870. (TYPE: Brazil, Panuré, ad Rio Uapes, *R. Spruce* 2533 in Hb. v. Heurck). = *S. fragilis* A. Br. (Alston 1936, 309).
- Selaginella vanvuureni* v.A.v.R., Bull. Jard. Bot. Buit. II, 16: 44. 1914. (TYPE: Celebes, *Rachmat* 493, BO). = *S. intermedia* (Bl.) Spring. (Alston 1940, 350).
- Selaginella vardei* Lév., Cat. Pl. Yun-nan, 172, f. 41. 1917; Alston, Bull. Fan Mem. Inst. 5: 267. 1934; Tryon, Ann. Missouri Bot. Gard. 42: 61, f. 37, map. 29. 1955. (HOLOTYPE: China, Yunnan, Siao-Du-Long. *E. E. Maire* 56 in E and BM). China (Szechuan, Yunnan); Tibet.
- Selaginella variabilis* (Hook.) Hort. ex A. Br., App. Ind. Sem. Hort.

- Berol., 23. 1857 (In syn. sub *S. serpens*); Backh. Cat., 22. 1857; Sandford, Man. Exot. Ferns & Selag., 264 (In syn.). 1882; Baker, Fern Allies, 46 (In syn.). 1887; Chittenden, Dict. Gard. 4: 1944. 1951 and 1956. = *S. serpens* (Desv.) Spring.
- Selaginella varians* Hort. ex A. Br., App. Ind. Sem. Hort. Berol., 23. 1857 (In syn. sub *S. serpens*); Baker, Fern Allies, 46 (In syn.). 1887; Chittenden, Dict. Gard. 4: 1933. 1951 and 1956. = *S. serpens* (Desv.) Spring.
- Selaginella varians* v.A.v.R., Bull. Jard. Bot. Buit. III, 5: 237. 1922 (forma *typica*). (TYPE: Sumatra, *Lörzing* 6312a in BO, L). = *S. ornata* (Hook. & Grev.) Spring. (Alston 1934, 57; 1937, 183).
- Selaginella varians* forma *sciaphila* v.A.v.R., Bull. Jard. Bot. Buit. III, 14: 237. 1922. (TYPE: Sumatra, *Lörzing* 6312b and c in BO, L). = *S. ornata* (Hook. & Grev.) Spring. (Alston 1937, 183).
- Selaginella vaupelii* Hieron., Denkschr. Akad. Wien 89: 483. 1914. (Samoa). = ?*S. hochreutineri* Hieron. (Alston 1934, 228).
- Selaginella veitchii* Macnab, Trans. Edinb. Bot. Soc. 9: 10, no. 37, t. 1, f. 1-5. 1867; A. Br.; A. Br., App. Ind. Sem. Hort. Berol., 2. 1867. (TYPE: Japan, *J. G. Veitch*, cultivated). = *S. tamariscina* (Beauv.) Spring. (Alston 1934).
- Selaginella velutina* Cesati, Rec. Ac. Sci. Nap. 16: 28, 31. 1877; Alston, Bull. Jard. Bot. Buit. III, 16: 350. 1940. Papua (TYPE: Ranior, *Beccari*). Syn.: *S. motiensis* Hieron., 1901 (Ternate and Moti Isl.); *S. verruculosa* v.A.v.R., 1922 (Ternate).
- Selaginella venulosa* v.A.v.R., Bull. Jard. Bot. Buit. II, 28: 47. 1918. (TYPE: Banca, E of Sumatra, *Bünnemeijer* 1456 in BO). = *S. intermedia* (Bl.) Spring. (Alston 1937, 179).
- Selaginella vernicosa* Baker, Timehri 5: 220. 1856; Trans. Linn. Soc. II, 2: 295, t. 56A, no. 159. 1887; Fern Allies, 78, no. 171. 1887. British Guiana (TYPE: Roraima, *Thurn* 381; isotype in US, Mt. Roraima 226).
- Selaginella vernicosa* var. *oligoclada* Baker, Trans. Linn. Soc. II, 2: 295, t. 56B, f. 8. 1887; Jenm., Ferns & Fern Allies Brit. West Indies, 40. 1909. British Guiana (TYPE: Roraima, *Thurn* 381 (1884); isotype in US).
- Selaginella vernicosa* var. *simplicifrons* Jenm., Ferns and Fern Allies Brit. West Indies, 40. 1909 (In syn.). = *S. vernicosa* var. *oligoclada* Baker.
- Selaginella verruculosa* v.A.v.R., Bull. Jard. Bot. Buit. III, 5: 238.

1922. (TYPE: Ternate, *Beguin* 1289 in BO, L). = *S. velutina* Cesati. (Alston 1940, 350).
- Selaginella versicolor* Spring, Bull. Acad. Brux. 10: 143, no. 57. 1843; Monogr. Lyc. II: 123. 1850; Baker, Fern Allies, 84, no. 195. 1887; Alston, Jour. Bot. 72 (Suppl.): 11. 1934; Mem. Soc. Linn. Normandie Bot. 1: 81. 1938; Knox, Trans. Edinb. Bot. Soc. 35: 281. 1950; Alston & Abbayes, Bull. Inst. Fr. d'Afr. Noire, 13: 85. 1951; Alston, Mém. Inst. Franç. Afr. Noire, 50: 34-35. 1957. French Guinea; Senegambia (TYPE: *Heudelot*); Gabun; Angola; Ghana; Ivory Coast; Cameroun; Togo; Liberia; Sierra Leone; Guinea. Syn.: *S. nitens* Baker, 1885.
- Selaginella vestiens* Baker, Jour. Bot. 21: 97, no. 34. 1883; Fern Allies, 43, no. 37. 1887; Alston, Fedde Repert. 40: 311. 1936. Brazil (TYPE: Goyaz, Morro de Canto Gallo, *Burchell* 7006, p. p. in κ). Syn.: *S. cladostachya* Baker, 1883; *S. erythrospora* A. Silv., 1898.
- Selaginella vestita* v.A.v.R., Bull. Jard. Bot. Buit. II, 28: 54. 1918. Alston, Bull. Jard. Bot. Buit. III, 14: 182. 1937. Sumatra (TYPE: *Bünnemeijer* 617 in BO).
- Selaginella vexata* Liebm.; Fourn., Mex. Pl., 147. 1872 (In syn. sub *S. galeottii* var. β). (Mexico, Yecoatha, Colipa, *Liebmann*; Santa María Tlapacoya, *Liebmann*).
- Selaginella victoriae* Moore, Bull. Cat. No. 143: 8, t. 6. 1878; Florist & Pomologist, 90, fig. 1878; Regel, Gartenfl. 27: 340. 1878; Moore, Gard. Chron. 11: 74-75. 1879; Sandford, Man. Exot. Ferns & Selag., 265 (South Seas Isl.). 1882; Baker, Fern Allies, 90-91, no. 218. 1887; Nich., Dict. Gard. 3: 412 (Borneo). 1887; Schneider, Choice Ferns, III: 430, f. 112. 1894; Dyer, Kew Bull. Add. Ser. IV: 365. 1900; Chittenden, Dict. Gard. 4 1933 (Borneo, 1879). 1951 and 1956. South Seas Isl. (Bull.). (Note by Alston: Moore's specimen is in κ ; there is also one marked San Christoval from J. G. Veitch, Feb. 1867, i. e. Solomon Isl., which is wrong).
- Selaginella victoria-regina* C. M., The Garden, 15: 215. 1880 (descr.).
- Selaginella vidalii* Hieron., in Elmer's Leaflets Phil. Bot. 6: 2032, no. 22. 1913. (TYPE: Mindanao, Mt. Apo, Davao, *Elmer* 11722a). = *S. philippina* Spring. (Alston 1935, 371).
- Selaginella vicillardii* A. Br. ex Hieron., Hedwigia 41: 181. 1902 (In syn. sub *S. jouani* Hieron.). (New Caledonia). = *S. firmuloides* Warb.

- Selaginella vieillardii* Warb., *Monsunia* 1: 109, 125, no. 138. 1900. New Caledonia (TYPE: *Vieillard* 2070 bis).
- Selaginella virescens* Spring, *Monogr. Ly.* II: 152, no. 94. 1850. (TYPE: India, Khasia Hills, *Griffith* in BM, P). = *S. pentгона* Spring. (Alston 1945, 220).
- Selaginella viridangula* Spring, in van Heurck, *Pl. Nov.*, 29. 1870; «A» in *The Garden*, 25: 459, *fig.* 1882; N. & P., p. 84. 1884; *Williams Cat.*, 18, *f.* 9. 1884; Baker, *Fern Allies*, 92, no. 224. 1887 (Mts. of Fiji, *Daemel* 187); *Nich.*, *Dict. Gard.* 4 (Suppl.): 602. 1888; Dyer, *Kew Bull. Add.*, Ser. IV: 365. 1900; Chittenden, *Dict. Gard.* 4: 1933 (Mts. of Fiji, 1884). 1951 and 1956. Fiji (TYPE: *Daemel* in Hb. van Heurck); cultivated.
- Selaginella viridissima* Weatherby, *Jour. Arn. Arb.* 24: 326. 1943; *op. cit.*, 25: 4, 5, *t.* 4, *fig.* 1944; Tryon, *Ann. Missouri Bot. Gard.* 42: 28, *f.* 9, *map* 15. 1955. (HOLOTYPE: Mexico, Coahuila, *Stewart* 2204 in GH). Southwestern Texas and Coahuila, Mexico. Syn.: *S. coryi* Weath., 1946.
- Selaginella viridula* (Bory) Spring, *Flora* 21: 190. 1838. (Based on *L. viridulum* Bory ex Willd.). (Mauritius). = *S. obtusa* (Desv.) Spring. (Fide Spring, *Bull. Acad. Brux.* 10: 228. 1843).
- Selaginella viticulosa* Klotzsch, *Linnaea* 18: 524. 1844; Baker, *Gard. Chron.* 1867, no. 44: 1120. 1867; Sandford, *Man. Exot. Ferns & Selag.*, 265. 1882; Baker, *Fern Allies*, 102, no. 258. 1887; *Nich.*, *Dict. Gard.* 3: 412. 1887; Alston, *Jour. Bot.* 72: 36. 1934; *Bull. Brit. Mus. (Nat. Hist.)*, Bot. 1(8): 240. 1955; Chittenden, *Dict. Gard.* 4: 1933 (Venezuela and Cent. Amer., 1907). 1951 and 1956. Venezuela (SYNTYPES: Near La Guayra, *E. Otto* 460, *C. Moritz* 70); Colombia; Panama; introduced in Brazil, Bermuda and Trinidad. Syn.: *L. viticulosum* Hort. ex Courtin, 1855; *S. menziesii* J. Sm., 1852-57.
- Selaginella viticulosa* sensu Donn. Smith, *Enum. Pl. Guat.* 4: 180. 1895; l. c., 6: 67. 1903. = *S. hoffmannii* Hieron. (Alston 1955, 235).
- Selaginella vitiensis* Baker, *Jour. Bot.* 23: 177, no. 266. 1885; *Fern Allies*, 110, no. 286. 1887; Maxon, *Univ. Calif. Pub. Bot.* 12: 33. 1924 (Tahiti); Brown, *Bushop Mus. Bull.* 89: 114 (Marquesas, Nukuhiva). 1931. Fiji (TYPE: *Daemel*). = *S. laxa* Spring. (Alston 1959, 42).
- Selaginella vogelii* Spring, *Monogr. Lyc.* II: 170, no. 111. 1850; Hook., *Second Cent.*, *t.* 86. 1861 (1864); Baker, *Fern Allies*, 100, no.

250. 1887, p. p.; Alston, Mem. Soc. Linn. Normandie Bot. 1: 80. 1938; Knox, Trans. Edinb. Bot. Soc. 35: 272. 1950; Alston & Abbayes, Bull. Inst. Fr. d'Afr. Noire, 13: 85. 1951; Chittenden, Dict. Gard. 4: 1933 (W. Afr.). 1951 and 1956. Fernando Po (TYPE: *Vogel* in K); (Madagascar); Angola; Gabon; Gold Coast; Fr. Guinea; Sierra Leone; Belgian Congo; Kenya; Tanganyika. Syn.: *S. eublepharis* A. Br. ex Hieron., 1901; *S. africana* A. Br., 1857; *S. dichrous* Hort., ex A. Br., 1857; *S. dinklageana* Sadeb., 1897.
- Selaginella vogelii* sensu Mett., Fil. Hort. Lips., 124. 1856. = *S. braunii* Baker.
- Selaginella vogelii* sensu Baker, Jour. Bot. 1885: 48. 1885; Fern Allies, 100, no. 250, p. p. 1887. = *S. pervillei* Spring. (Alston 1932, 196).
- Selaginella vogelii* var. *dichrous* Schneider, Choice Ferns III: 432. 1874; Nich., Dict. Gard. 3: 409 and 412. 1887. (Based on *S. dichrous* Hort. ex A. Br., 1857).
- Selaginella vogelii* var. *variegata* Bull. Cat. No. 199: 44 (nomen). 1884; Lund Cat., p. 4 («foliis variegatis»). 1881; Nich., Dict. Gard. 3: 412. 1887; Dyer, Kew Bull. Add., Ser. IV: 365. 1900.
- Selaginella volkensis* Hieron., Bot. Jahrb. Engl. 52: 1. 1914. Caroline Isl. (SYNTYPES: Yap Isl., *Volkens* 73, 220, 390). Aff. *S. menziesii*.
- Selaginella volubilis* Alston, Bol. Soc. Broteriana 30 (Ser. 2): 25. 1956. Angola (TYPE: Saurimo, tributary of R. Chicapa, *Young* 637, BM).
- Selaginella vonroemeri* v.A.v.R., Bull. Jard. Bot. Buit. II, 24: 7. 1917. New Guinea (SYNTYPES: *v. Roemer* 779; *Pulle* 531).
- Selaginella wahauensis* Hieron., Hedwigia 51: 250, no. 5. 1911 (1912). Borneo (TYPE: *Schlechter* 13435).
- Selaginella wallacei* Hieron., Hedwigia 39: 297, no. 8. 1900. (Maintained over *S. montanensis* Hieron. by Broun, Index N. Amer. Ferns, 159. 1938); Tryon, Ann. Missouri Bot. Gard. 42: 43-44, f. 18, map 24. 1955. (HOLOTYPE: Oregon, Capt. *Wallace* in B; frag. in NY, YU). Western Montana to S. British Columbia and California. Syn.: *S. montanensis* Hieron., 1900; *S. rupestris* forma *wallacei* (Hieron.) Clute, 1908; *S. rupestris* f. *montanensis* (Hieron.) Clute, 1908; *S. rupestris* var. *columbiana* M. E. Jones, 1910; *S. rupestris* var. *wallacei* (Hieron.) Frye, 1934; *S. rosen-dahlui* Hieron. ex Frye, 1934; *S. wallacei* f. *columbiana* (M. E. Jones) Broun, 1938; *S. rupestris* var. *montanensis* (Hieron.) Broun, 1938.

- Selaginella wallacei* forma *columbiana* (M. E. Jones) Broun, Index N. Amer. Ferns, 159. 1938. = *S. wallacei* Hieron.
- Selaginella wallichiana*; Gard. Chron., p. 994. 1859. = ?*S. conferta* Moore.
- Selaginella wallichii* Veitch; R. Hogg, New Plants of 1860, in Gard. Yearb. 1861: 68. 1861. Introduced from Penang [TYPE: *Veitch* (Hogg), Award 8 Dec. 1859].
- Selaginella wallichii* (Hook. & Grev.) Spring, in Mart. Fl. Bras. 1(2): 124. 1840. (Based on *L. wallichii* Hook. & Grev., 1831); Bull. Acad. Brux. 10: 145, no. 75. 1843; Monogr. Lyc. II: 144. 1850; Sandford, Man. Exot. Ferns & Selag., 265. 1882; Nich., Dict. Gard. 3: 212. 1887; Baker, Fern Allies, 90, no. 215. 1887 (p. p.); Velenovsky, Vergl. Morph. 1: 258, t. 116. 1905; Merrill, Univ. Calif. Publ. Bot. 15: 14. 1929; Alston, Straits Gard. Bull. 8: 48. 1934; Bull. Jard. Bot. Buit. III, 14: 183. 1937; Proc. Nat. Inst. Sci. India, 11: 224. 1945; Fl. Gén. de l'Indo-Chine, 7(2): 579-580. 1951; Chittenden, Dict. Gard. 4: 1933 (India). 1951 and 1956. Malaya (TYPE: Penang and Singapore, *Dr. Wallich*); Indochina; Sumatra; Burma; Borneo; Annam; Siam; Cambodia; Tonkin; Laos. Syn.: *S. cyatheoides* Spring, 1843, p. p.
- Selaginella wallichii* var. *deliana* v.A.v.R., Bull. Jard. Bot. Buit. III, 2: 186. 1920. (TYPE: Sumatra, v. *Leauwen* 3219, BO, L). = *S. wallichii* (Hook. & Grev.) Spring. (Alston 1937, 183).
- Selaginella wallichii* var. *elegans* (Wall.) Warb., Monsunia 1: 106. 1900. (Quotes *L. elegans* Wall.). (Malay Peninsula). = *S. wallichii* (Hook. & Grev.) Spring. (Alston 1934, 48).
- Selaginella wallichii* var. *laxifrons* Warb., Monsunia 1: 106. 1900. (Cultivated). = *S. gracilis* Moore (?).
- Selaginella wallichii* var. *macrura* Warb., Monsunia 1: 106. 1900. (Borneo). = *S. megalura* Hieron.
- Selaginella wallichii* var. *polystachya* Warb., Monsunia 1: 106. 1900. (Sumatra). = *S. polystachya* (Warb.) Hieron. (Alston 1934, 46; 1937, 182).
- Selaginella wallichii* var. *sericea* Warb., Monsunia 1: 106. 1900. (Assam, Khasia, Manipur). = *S. hookeri* Baker. (Alston 1945, 224).
- Selaginella wallichii* var. *typica*; Warb., Monsunia 1: 106. 1900. (Assam). = p. p., *S. hookeri* Baker. (Alston 1945, 224).
- Selaginella wallichii* forma *typica* (Warb.) v.A.v.R., Mal. Fern Allies, 211. 1915. = *S. hookeri* Baker. (Alston 1945, 224).

- Selaginella wallichii* var. *walkeri* v.A.v.R., Bull. Jard. Bot. Buit. II, 16: 51. 1914. (TYPE: Malay, Singapore, *Walker* 24). = *S. wallichii* (Hook. & Grev.) Spring. (Alston 1934, 48).
- Selaginella wallisii* Regel; Salom., Nomencl., 358 (nomen). 1883; Hieron., in Engl. & Prantl, Nat. Pfl. 1(4): 713. 1901 (1902). South America (TYPE: *Salom.*).
- Selaginella warburgii* Hieron., in Elmer's Leaflets Phil. Bot. 6: 1988 (nom. abort.). 1913. (Based on *S. microstachya* Warb.). = *S. involvens* (Sw.) Spring.
- Selaginella wariensis* Hieron., Bot. Jahrb. Engl. 50: 2, 19, no. 6. 1913. New Guinea (TYPE: N. E., *Schlechter* 17471). Aff. *S. burkei* Hieron.
- Selaginella warscewicziana* Klotzsch ex (W. Lauche) Verz. August. Garten, p. 8. 1856 (nomen); Lauche, Wochenschr. f. Gärtn. 1: 159. 1858 (In syn.); ex A. Br., Ann. Sci. Nat. IV, 13: 68. 1860 (In syn.); Baker, Gard. Chron. 1867, no. 37: 950 (In syn.). 1867; Kümmerle, Mag. Bot. Lapok 13: 52. 1915 (nomen). = *S. ciliata* (Willd.) A. Br. = *S. novae-hollandiae* (Sw.) Spring = *S. radiata* (Aubl.) Spring. (Note: Alston did not completely straighten out this mess).
- Selaginella warscewiczii* Linden Cat. No. 12: 23 (nomen). 1857; Klotzsch ex A. Br., Ann. Sci. Nat. V, 3: 276 (in syn., descr.). 1865; Alston, Suppl. Dict. Gard., 317. 1956. (Native of Colombia; cultivated). = *S. novae-hollandiae* (Sw.) Spring. = *S. radiata* (Aubl.) Spring.
- Selaginella warscewiczii* Klotzsch; Baker, Fern Allies, 86. 1887 (In syn. sub *S. radiata*); Handb., ed. 2: 155. 1906. = *S. radiata* (Aubl.) Spring.
- Selaginella watsoni* Underw., Bull. Torr. Bot. Club 25: 127. 1898; Hieron., in Engl. & Prantl, Nat. Pfl. 1(4): 672. 1901 (1902); Tryon, Ann. Missouri Bot. Gard. 42: 72-74, f. 49-51, map 48. 1955 (*watsonii*). (HOLOTYPE: Utah, Cottonwood Canon, 9500 ft. July 1869. *S. Watson* 1370 in NY and YU; PARATYPES: Nevada, Sept. 1868. *S. Watson* in NY and US; California, *Hansen* 879 in BM, MO, NY, US; *Coville & Funston* 2071 in NY and US; *Brewer* 2103 in NY and YU). Southwestern Montana to NW Oregon (Union Co.) and southwards at high elevations to Utah and southern California.
- Selaginella watsoni* var. *mutica* (D. C. Eaton ex Underw.) Clute, Fern

- Allies, 144, 264. 1905; Fern Bull. 16: 54. 1908. = *S. mutica* var. *mutica*.
- Selaginella watsoniana* Hort., Sander. ex Gard. Chron. 33: 245. 1903; Thürmer in Möller's Deutsche Gartenzeit 19: 626. 1904; Weathers Commercial Gardening 2: 234. 1913; The Garden 68: 210. 1908; Pynaert; found in an old garden at Ready). = *S. martensii* forma *albo-lineata* (Moore) Alston.
- Selaginella wattii* Baker, Fern Allies, 109, no. 283. 1887; Alston, Proc. Nat. Inst. Sci. India, 11: 228. 1945. Burma (TYPE: Manipur, *Watt* 6670 in K).
- Selaginella weatherbiana* Tryon, Amer. Fern Jour. 40(1): 69. 1950; Ann. Missouri Bot. Gard. 42: 28, f. 7-8, map 14. 1955. (HOLOTYPE: New Mexico, mouth of Indian Creek, alt. 8000 ft., Pecos River Nat Forest. *P. C. Standley* 4558 in MO; frag. in US). Colorado and New Mexico.
- Selaginella weberbaueri* Hieron. ex Knox, Trans. Edinb. Bot. Soc. 35: 282. 1950 (Descr. spores).
- Selaginella weberi* A. Br. ex Fourn., Mex. Pl., 149 (nomen). 1872. (TYPE: Mexico, Oribaza, *Weber*). = *S. hoffmannii* Hieron.
- Selaginella weberi* Warb., Monsunia 1: 111, 128, no. 169. 1900. Samoa (TYPE: Near Magani, 1882. *Weber*).
- Selaginella weinlandii* Hieron., Bot. Jahrb. Engl. 50: 21, 29, no. 11. 1913. New Guinea (TYPE: N. E., *Schlechter* 14389, p. p.). Aff. *S. belangeri* and *S. spinulosa*.
- Selaginella welwitschii* Baker, Jour. Bot. 21: 81, no. 20. 1883; Fern Allies, 39. 1887. Angola (TYPE: On dry rocks of the Pedras of Pungo Andongo, *Welwitsch* 43).
- Selaginella wendlandii* Hieron., in Engl. & Prantl, Nat. Pfl. 1(4): 683, no. 126. 1901 (1902); Hedwigia 41: 186, no. 12. 1902 [(TYPE: Costa Rica, near San Miquel, *Wendland* 771 in w); Guatemala]. = *S. oaxacana* Spring. (Alston 1955, 237).
- Selaginella wettsteinii* Hieron., Denksch. Akad. Wien, 79: 60, t. 10. 1908. (S. Brazil). = *S. contigua* Baker. (Alston 1936, 311).
- Selaginella whartonii* Hort. Angl. (Low, 1858) ex A. Br., Ind. Sem. Hort. Berol., 21, 24. 1860 (In syn. sub *S. sarmentosa* A. Br.).
- Selaginella whitfordii* Hieron., in Elmer's Leaflets Phil. Bot. 6: 2061, no. 34. 1913. (SYNTYPES: Philippine Isl., Negros, *Elmer* 9617; *Estridge* 56; Merrill 8026; *Whitford* 1668; Mindanao, *Clemens* 92). = *S. engleri* Hieron. (Alston 1935, 368).
- Selaginella whitmeei* Baker, Jour. Bot. 23: 24, no. 215. 1885; Fern

- Allies, 95, no. 233. 1887; Hieron., Hedwigia 41: 178, no. 6. 1902. Samoa (SYNTYPES: *Whitmee* 177 and 221). Syn.: *S. scoparia* Christ, 1896. (Alston 1934, 228).
- Selaginella whytei* Hieron., in Engl. & Prantl, 1(4): 697, no. 299. 1901 (1902); Hedwigia 43: 18, no. 32. 1904. (Nyassaland). = *S. abyssinica* Spring. (Alston 1939, 223).
- Selaginella wichurae* Warb., Monsunia 1: 110, 127, no. 156. 1900. (TYPE: Taiwan, *Wichura* 1641). = *S. leptophylla* Baker.
- Selaginella wielewskii* Hieron., Hedwigia 43: 234. 1904. (TYPE: Brazil, Parana, Lucena, *T. Wielewski*). = *S. marginata* (H. & B.) Spring. (Alston 1936, 318).
- Selaginella wightii* Hieron., Hedwigia 39: 319, no. 26. 1900; Alston, Proc. Nat. Inst. Sci. India, 11: 215. 1945; Tryon, Ann. Missouri Bot. Gard. 42: 39, map 19. 1955. (LECTOTYPE: India, *Wight* 15 in B; PARATYPES: Ceylon, *Walker* in B; India, *Wight* 283 and 3194 in B). Southern India and Ceylon; eastern Africa.
- Selaginella wightii* var. *wightii*; Tryon, Ann. Missouri Bot. Gard. 42: 39, f. 13, map 19. 1955. Southern India and Ceylon; Mauritius. Syn.: *S. wightii* var. *vetusta* Hieron., 1900.
- Selaginella wightii* var. *phillipsiana* Hieron., Hedwigia 39: 320. 1900; Tryon, Ann. Missouri Bot. Gard. 42: 40. 1935. (HOLOTYPE: Somaliland, *Mrs. L. Phillips* in B, K, P). Eastern Africa (Brit. Somaliland, Kenya, Uganda, Tanganyika). Syn.: *phillipsiana* (Hieron.) Alston, 1939.
- Selaginella wightii* var. *vetusta* Hieron., Hedwigia 39: 320. 1900, ex char. (HOLOTYPE: Mauritius, *Sieber* in B). = *S. wightii* var. *wightii*. (Alston 1945).
- Selaginella wigmanii* v.A.v.R., Bull. Jard. Bot. Buit. II, 11: 32. 1913. (Cult.; New Guinea). = *S. similis* Kuhn = *S. atroviridis* (Wall.) Spring.
- Selaginella willdenovii* (Desv.) Baker, Gard. Chron., 783, 950. 1867; [*S. willdenovii* (Desv.) Linden Cat. No. 8: 15. 1853 quotes *Lyc.* as syn. of genus, but no authorities]; Bagshort, Roy. Hort. Soc. 9: 234. 1855 («not affected during winter of 1853-54»); Hort. ex A. Br., Ind. Sem. Hort. Berol., 23. 1857 (In syn. sub *S. pubescens*); Hort. v. Holltt. 1852-53 ex A. Br., Ind. Sem. Hort. Berol., 24. 1860 (In syn. sub *S. pubescens*); Sandford, Man. Exot. Ferns & Selag., 266. 1882; Baker, Fern Allies, 93, no. 227. 1887 (*willdenovii*); Nich., Dict. Gard. 3: 412. 1887; Alston, Straits Gard. Bull. 8: 45. 1934; Fedde Repert. 45: 319, 1936; Bull. Jard. Bot.

- Buit. III, 13: 435. Dec. 1935; l. c., III, 14: 179. 1937; Proc. Nat. Inst. Sci. India, 11: 224. 1945; Fl. Gén. de l'Indo-Chine 7(2): 581-582. 1951 (*willdenovii*); Chittenden, Dict. Gard. 4: 1933 (Cochinchina). 1951 and 1956. (TYPES: Indies orientalis, Hb. Desvaux; dupl in P labeled Madagascar in Hb. Bory; India, i. e. Java, Klein & W. Willd. 19404). Malaya; Sunda Isl., Indochina; Java; Sumatra; Burma; Nicobar Isl., Tonkin; Annam; Cochinchina; Siam; Brazil (Alston 1936, 319, as an escape). Syn.: *L. willdenovii* Desv. in Poir., 1814; *L. willdenovii* Steud., 1824; *S. willdenovii* Warb., 1900; *S. caespitosa* (Bl.) Spring, 1843; *S. laevigata* (Willd.) Spring, 1840; *S. caesia arborea* Hort., 1853; *S. altissima* Kaulf., 1864; *S. arborea* Hort. ex A. Br., 1857; *S. denuana* v.A.v.R., 1914; *L. bicolor* Hort.; *S. bicolor* Hort., 1865.
- Selaginella willdenovii* var. *caesia-arborea* (Hort.) Hieron., ex R. Bonap., Notes Pterid., 2: 1915. (Introduced by Fortune from China in 1844, see Bretschneider, p. 517. 1898). = *S. willdenovii* (Desv.) Baker.
- Selaginella willdenovii* var. *punctulata* v.A.v.R., Mal. Ferns & Fern Allies, Suppl. I, Corr.: 40. 1917; Bull. Jard. Bot. Buit. II, 28: 53. 1918. (TYPE: Sumatra, Lörzing 3996 in BO, L). = *S. willdenovii* (Desv.) Baker.
- Selaginella willdenovii* forma *typica* v.A.v.R., Mal. Ferns and Fern Allies, Suppl. I, Corr.: 40. 1917. = *S. willdenovii* (Desv.) Baker. (Alston 1934, 45).
- Selaginella wilsoni* Hieron., Hedwigia 58: 308, no. 14. 1916 (1917). (TYPE: Cuba, Trinidad Mts., Santa Clara. N. L. Britton & E. G. Britton 5030 in NY; isotype in US). = *S. confusa* Spring.
- Selaginella wilsoni* forma *rigidiuscula* Hieron., Hedwigia 58: 310. 1916 (1917). (Cuba). = *S. confusa* Spring.
- Selaginella winkleri* Hieron., Bot. Jahrb. Engl. 44: 516. 1910. (TYPE: Borneo, Winkler 2590 in K). = *S. ciliaris* (Retz.) Spring.
- Selaginella wolfii* Sodiro, Crypt. Vasc. Quit., 620, no. 28. 1893. Ecuador.
- Selaginella wormskioldii* Hieron., in Elmer's Leaflets Phil. Bot. 6: 2064, no. 36. 1913 (nomen); v.A.v.R., Malayan Fern Allies, App., p. 247. 1915. (TYPE: Luzon, Benquet, Elmer 14267). = *S. eschscholzii* Hieron. (Alston 1935, 374).
- Selaginella wrayi* Baker, Fern Allies, 113, no. 296. 1887. (TYPE: Perak, Wray 668). = *S. alutacea* Spring. (Alston 1934, 55).
- Selaginella wrightii* Hieron., Hedwigia 39: 298, no. 9. 1900;

- Underw., Fern Bull. 10: 11. 1902; Tryon, Ann. Missouri Bot. Gard. 42: 48, f. 21, map 28. 1955. (HOLOTYPE: Texas, Turkey Creek, near Cline, Uvalde Co. *Chas. Wright* 828 in B, GH, NY, US). Texas and New Mexico to southern Mexico. Syn.: *S. rupestris* forma *wrightii* (Hieron.) Clute, 1908.
- Selaginella xerophila* v.A.v.R., Bull. Jard. Bot. Buit. III, 2: 182. 1920. (TYPE: Sumatra, *Bünnemeijer* 4922 in BO, L). = *S. ornata* (Hook. & Grev.) Spring. (Alston 1937, 183).
- Selaginella xipholepis* Baker, Jour. Bot. 23: 155, no. 258. 1885; Fern Allies, 108, no. 277. 1887; Dunn & Tutcher, Bull. Misc. Inform. Roy. Bot. Gard., Kew, Ser. X: 359 (as *xipholepis*). 1912; Alston, Bull. Fan Mem. Inst. 5: 292. 1934. Hongkong (TYPE: *C. Wright* in K); China (Kweichow). Syn.: *S. schottmuelleri* Warb., 1900.
- Selaginella xiphophylla* Baker, Jour. Bot. 22: 296, no. 167. 1884; Fern Allies, 80, no. 180. 1887. Peru (TYPE: Mt. Guayrapurima, Aug. 1856, *Spruce* 3990 in BM; isotype in US).
- Selaginella yemensis* (Sw.) Spring ex Dcne., Arch. Mus. 2: 191. 1941-42; Spring, Bull. Acad. Brux. 10: 226, no. 103. 1843; Baker, Fern Allies, 73, no. 152. 1887, p. p.; Engl. & Drude, Veget. Erde, 9(2): 77, t. 76. 1908. Yemen; Somaliland; Kenya. Syn.: *L. yemensis* Sw., 1806; *S. depauperata* (Desv.) Spring, 1843; *S. arabica* Baker, 1887; *S. somaliensis* Baker, 1883.
- Selaginella yemensis* sensu Baker, Fern Allies, 73, no. 152. 1887, p. p.; Duthie, Cat. Kumaon Pl., 232. 1906. = *S. adunca* A. Br. (Alston 1945, 216).
- Selaginella ypirangensis* Hieron. & Herter, Beib. Bot. Centr. 39: 353 (nomen), 256 (descr., with Herter as authority). 1922. (SYNTYPES: Brazil, Parana, *Dusen* 3726 and 14436; S. Brazil, Rio Grande do Sul, *Herter* 26461a). = *S. marginata* (H. & B.) Spring.
- Selaginella ypirangensis* var. *riograndensis* Hieron. et Herter, Beib. Bot. Centr. 39: 256 (descr.). 1922. (TYPE: Brazil, Rio Grande do Sul, *Herter* 26461). = *S. marginata* (H. & B.) Spring. (Alston 1936, 318).
- Selaginella yunckeri* Alston, Bernice P. Bishop Mus. Bull. 220: 44, f. 5. 1959. Tongo (SYNTYPES: Isl. Kao, about 650 m. alt., May 6, 1953. *Yuncker* 15914, BM, US; May 7, 1953. *Yuncker* 15933, US).
- Selaginella yunnanensis* Hieron., Hedwigia 43: 8, no. 26. 1904. (TYPE: China, Yunnan, in montibus Menztge, alt. 1600-1700 m. *A. Henry* 11831, p. p.). = *S. bodinieri* Hieron.
- Selaginella yunnanensis* var. *longiflora* Hieron., Hedwigia 43: 9. 1904.

- (TYPE: China, A. Henry 11831, p. p.). = *S. bodinieri* Hieron. *Selaginella zahlbruckneriana* Hand.-Mzt., Sitzgs. Akad. Wiss. Wien, 59: 49. 1922; Symb. Sinic. 6: 11, t. 1, f. 2. 1929. (TYPE: China, Yun-schan near Wukang, *Hand.-Mzt.* 12326). = *S. labordei* Hieron.
- Selaginella zahnii* Hieron., Bot. Jahrb. Engl. 50: 2, 37, no. 15. 1913. New Guinea (TYPE: N. E., *Zahn* 2). Aff. *S. kaernbachii* Hieron.
- Selaginella zechii* Hieron., in Engl. & Prantl, Nat. Pfl. 1(4): 697, no. 298. 1901 (1902); Hedwigia 43: 55, no. 59. 1904; Alston, Mém. Inst. Franç. Afr. Noire, 50: 42-43. 1957. (TYPE: Togo, near Kete Kratschi, 1900. *Count Zech* 388; Ghana; Guinea). = *S. molliceps* Spring. (Adams & Alston 1955, 183).
- Selaginella zelinckii* Hieron. ex Maxon, Univ. Calif. Publ. Bot. 12(2): 33. 1924 (nomen). (TYPE: Tahiti, Setchell & Parks 429).
- Selaginella zenkeri* Hieron. ex R. Bonap., Notes Pterid 7: 253. 1918 (nomen); Mildb., Denkb. Zent. Afr. Exped., 1922. (TYPES: Congo, Bankana, *Vanderyst & Lambrette* 5489 = *S. cathedrifolia*; Fernando Po, Basile, *Mildbraed* 6281).
- Selaginella zeylanica* Baker, Jour. Bot. 23: 178, no. 270. 1885; Fern Allies, 111, no. 290. 1887; Hieron., Hedwigia 43: 46, no. 52. 1904; Hieron. in Engl. & Prantl, Nat. Pfl. 1(4): 696, no. 290. 1901 (1902), (*ceylanica*). (TYPE: Ceylon, *Gardner* 1185 in κ). = *S. calostachya* (Hook. & Grev.) Alston. (Alston 1932, 65: 1945, 229).
- Selaginella zollingeriana* Spring, in Miq., Fl. Jungh. 3: 278, no. 11. 1854; Baker, Fern Allies, 114-115, no. 302. 1887; Alston, Bull. Jard. Bot. Buit. III, 13: 439. Dec. 1935. Java (TYPE: *Zollinger* 2226). Syn.: *S. hypnoides* Zoll., 1854, non Spring, 1843; *L. pygmaeum* Zoll. & Mor., 1845, non Kaulf., 1824.
- SELAGINELLACEAE Reichb., Handb. Nat. Pflanzensyst., p. 163. 1837 (as *Selaginellae*); Mett., Fil. Hort. Bot. Lips., 16, 122 (excl. *Isoëtes*). 1856 (as *Selaginelleae*); Roze, Bull. Soc. Bot. Fr. 14: 179. 1867; emend. Kanitz, A term. nö. attek., 9. 1874; Trevis, Bull. Soc. Roy. Bot. Belg. 16: 6. 1877; Warming, Haandb. Syst. Bot., 111. 1879; Underw., Our Nat. Ferns, ed. 1: 50, 103. 1881; Luerssen, Die Farnpflanzen, in Rabenh. Krypt. Fl. 3: 862. 1889; Britton & Brown, Fl. North. States & Canada, 1: 1896; Reed, Amer. Fern Jour. 46(2): 89. 1956.
- SELAGINELLALES Wettst., Handb. Syst. Bot. II, 1: 97. 1903; Herter, Beih. Bot. Centr. 39: 251. 1922; Podpera, Květena Moravy,

- Acta Soc. Sci. Nat. Moravicae, 1(10): 539. 1924; Fiori, Fl. Ital. Crypt., pars V, Pteridophyta, p. 404. 1943; Reed, Amer. Fern Jour. 46(3): 89. 1956. Syn.: *Heterosporeae* Prantl, 1874; *Heterosporae* Aschers., 1896.
- Selaginelleae* Reichb., Handb. Nat. Pflanzensyst., p. 163. 1837; Mett., Fil. Hort. Bot. Lips., 122. 1856; A. Br. ex Aschers., Fl. Prov. Brandenb. 1: 25. 1864. = Selaginellaceae.
- SELAGINELLIDAE Pichi-Sermolii, in Pteridophyta, in Vistas in Botany, p. 456 (Subclass). 1961.
- SELAGINELLINEAE Engler, Syllabus der Pflanzenfamilien, 2. Aufl.: 64. 1898; Sadebach, in Engler u. Prantl, Pfl.-fam. 1(4): 12. 1898 (1902); v.A.v.R., Malayan Fern Allies, XV (as Suborder II, descr.), 53. 1915; Handb. Mal. Ferns & Fern Allies, Suppl. I, — 472-473. 1916 (1917).
- Selagines* Batsch, Syn. Univ. Anal. Gen. Plant., 381. 1794 (nomen, ordo).
- Selaginoides* (Dill.) Boehm., in Ludwig, Def. Gen. Pl., 484, no. 1208. 1760. (Based on *Selaginoides* Dillen., Hist. Musc., 460, t. 68, f. 1. 1741). = Selaginella.
- Selago* I. *Ramosa repens, et radiculosa, spicillis quadratis* Browne, Civ. et Nat. Hist. Jam., p. 83. 1756. = *Selaginella serpens* (Desv.) Spring. (Alston 1952, 40).
- Sphagnum* 5. *Scandens diffusum foliolis cordato-acuminatis rarioribus amplexantibus* Browne, Civ. et Nat. Hist. Jam., p. 84. 1756 = *Selaginella plumosa* (L.) Presl. (Alston 1952, 36).
- Stachygynandrum* Palisot-Beauvois, Mag. Encycl. 9: 482. 1804; Prodr. Aethéog., 105, 110. 1805; Flore d'Oware, 1: 8, t. 7. 1805; ex Lamk. & Mirb., in Buffon Hist. Nat. Veg., ed. Deterv., 3: 477, no. 1898. 1803; ex Lamk. & Mirb., Hist. Nat. Veg., ed. nov., 4: 312. 1830; Warb., Monsunia 1: 101. 1900; Carruthers in Catalogue of the African Plants Collected by Dr. F. Welwitsch in 1853-1861, 2(2): 262. 1901. = *Selaginella* subgen. *Heterophyllum*.
- Stachygynandrum amplexicaule* Beauv., in Hb. Deless. ex Fee, XIième Mém. 133. 1866 (In syn.; ?mistake for *amplexifolium*). = *Sel. porelloides* (Lamk.) Spring.
- Stachygynandrum amplexifolium* Beauv., Prodr. Aethéog., 105, 112. 1805. (Indes orientalis). = *Sel. porelloides* (Lamk.) Spring.
- Stachygynandrum bryopteris* Beauv., Prodr. Aethéog., 109. 1805. (Based on *Lyc. squamosum* Dill.). = *Selaginella*. (On page 110,

- Beauvois refers *Lyc. bryopteris* Linn., Gmel. to *Stachygynandrum circinnale* (sic).
- Stachygynandrum canaliculatum* (Linn.) Beauv., Prodr. Aethéog., 110. 1805. (Based on *Lyc. canaliculatum* Linn.; Lamk.; Gmel.). = *Sel. asperulipes* v.A.v.R. (Alston 1940, 348).
- Stachygynandrum ciliare* (Gmel.) Beauv., Prodr. Aethéog., 110. 1805. (Based on *Lyc. ciliare* Gmel.). = *Selaginella*.
- Stachygynandrum circinale* (Linn.) Beauv., Prodr. Aethiop., p. 110. 1805. Based on *Lyc. circinate* Linn., Lamk., Gmel.). = *Sel. bryopteris* (Linn.) Baker. (Alston 1931, 252).
- Stachygynandrum depressum* (A. Br.) Carr., Cat. Afr. Pl. coll. by Dr. F. Welwitsch in 1853-61, 2(2): 262. 1901. (Based on *Sel. depressa* A. Br., 1859). = *Sel. ciliaris* (Retz.) Spring.
- Stachygynandrum depressum* var. β *minus* (A. Br.) Carr., Cat. Afr. Pl. coll. by Dr. F. Welwitsch in 1853-1861, 2(2): 262. 1901. (Based on *Sel. depressa* var. *minor* A. Br. in Kuhn, 1868).
- Stachygynandrum falcatum* Beauv., Prodr. Aethéog., 106. 1805. [Based on Dillen. t. 66, f. 9. (on p. 113, «t. 67, f. 9»)]. (Ile-de-France and Bourbon). = *Selaginella*.
- Stachygynandrum flabellatum* (Linn.) Beauv., Mag. Encycl. 5: 483. 1804; Prodr. Aethéog., 110. 1805. (Based on *Lyc. flabellatum* Linn., Lamk., Gmel.). (Beauvois's specimen in Hb. Del. is *Sel. plana*, acc. Alston). = *Selaginella*.
- Stachygynandrum helveticum* Beauv. ex Jaume St. Hil. Exp. Fam. Nat. 1: 39. 1805. (Cited Dillen. 465 and 64, p. 2). = *Selaginella*.
- Stachygynandrum laevigatum* (Lamk.) Beauv., Prodr. Aethéog., p. 110. 1805. (Based on *L. laevigatum* Lamk., 1791); Brogn., Hist. Veg. Foss., 2: 8, t. 5, f. 1. 1837 (Good for Madagascar sp.). = *Sel. pectinata* Spring. (Alston 1932, 196).
- Stachygynandrum obliquum* Beauv., Mag. Encycl. 5: 483. 1804; Prodr. Aethéog., 106. 1805. (Based on Dillen., t. 66, f. 8. 1741); Alston, Proc. Nat. Inst. Sci. India, 11: 230. 1945. = *Sel. tenera* (Hook. & Grev.) Spring. (Note: Dillenius' plants supposedly from South India; *Stachy. obliquum* Beauv. = *Stachy. penniforme* Beauv., Prodr. Aethéog., 113. 1805. = *Sel. radiata* (Aubl.) Spring).
- Stachygynandrum obtusum* Beauv., Prodr. Aethéog., 113. 1805. (Ile-de-France, Bory). = *Sel. concinna* (Sw.) Spring.
- Stachygynandrum ornithopodioides* (Linn.) Beauv., Prodr. Aethéog., 110. 1805. (Based on *Lyc. ornithopodioides* Linn., Lamk., Gmel.). = *Selaginella*.

- Stachygynandrum pectinatum* (Lamk.) Beauv., Prodr. Aethéog., 110. 1805. (Based on *Lyc. pectinatum* Lamk.). = *Sel. concinna* (Sw.) Spring.
- Stachygynandrum penniforme* (Lamk.) Beauv., Prodr. Aethéog., 110. 1805. (Based on *Lyc. penniforme* Lamk.). = *Sel. radiata* (Aubl.) Spring. (Alston 1936, 308).
- Stachygynandrum plumosum* Beauv., Fl. d'Oware, 1: 10. 1805 (nomen); Prodr. Aethéog., 109. 1805. (Based on *Lyc. denticulatum dichotomum* Dill., t. 66, f. 10). (On page 110, Beauvois refers *Lyc. plumosum* Linn., Lamk., Gmel. to *Stachy. pectinatum*). = *Sel. plumosa* (Linn.) Presl.
- Stachygynandrum porelloides* (Lamk.) Beauv., Prodr. Aethéog., 110. 1805. (Based on *Lyc. porelloides* Lamk.). = *Selaginella*.
- Stachygynandrum proniflorum* (Lamk.) Beauv., Prodr. Aethéog., 110. 1805. (Based on *Lyc. proniflorum* Lamk.). = *Selaginella*.
- Stachygynandrum rubricaulis* (A. Br.) Carr., Cat. Afr. Pl. coll. by Dr. F. Welwitsch in 1853-1861, 2(2): 262. 1901. (Based on *Sel. rubricaulis* A. Br., 1867).
- Stachygynandrum rubricaulis* var. *β angolense* (A. Br.) Carr., Cat. Afr. Afr. Pl. coll. by Dr. F. Welwitsch on 1853-1861, 2(2): 262. 1901. (Based on *Sel. rubricaulis* var. *angolensis* A. Br. in Kuhn, 1868).
- Stachygynandrum rupestre* (Linn.) Beauv., Prodr. Aethéog., 110. 1805. (Based on *Lyc. rupestre* Linn., 1753). = *Selaginella*.
- Stachygynandrum sanguinolentum* (Linn.) Beauv., Prodr. Aethéog., 110. 1805. (Based on *Lyc. sanguinolentum* Linn., Lamk., Gmel.). = *Selaginella*.
- Stachygynandrum scandens* Beauv., Mag. Encycl. 5: 483. 1804; Fl. d'Oware et Benin, 1: 10, t. 7. 1805; Prodr. Aethéog., 106. 1805. (Oware, New Town R., Branch of R. Formosa); Carr., Cat. Afr. Pl. coll. by Dr. F. Welwitsch in 1853-1861, 2(2): 262. 1901 (Congo, *Welwitsch* 27; Sierra Leone, *Welwitsch* 27; Sierra Leone, *Welwitsch* 2). = *Sel. myosurus* (Sw.) Alston.
- Stachygynandrum stoloniferum* Brongn., Hist. Veg. Foss. 2: 5, t. 7, f. 2. 1837. (Quotes no syn., but looks like *Sel. martensii* and was cultivated). = ? *Sel. martensii* Spring. (Alston 1931, 256).
- Stachygynandrum subamplexicaule* Beauv. ex Spring, fide Fee, XI ième Mem: 8. 1866. (In syn. sub *Sel. porelloides*).
- Stachygynandrum subordatum* (A. Br.) Carr., Cat. Afr. Pl. coll. by Dr. F. Welwitsch in 1853-1861, 2(2): 262. 1901. (Based on *Sel.*

- subcordata* A. Br. ex Kuhn, 1868). (Sierra Leone, *Welwitsch* 3).
= *Sel. subcordata* A. Br. ex Kuhn.
- Stachygyndrum tamariscinum* Beauv., *Mag. Encycl.* 11: 483. 1804;
Prodr. Aethéog., 106. 1805 (descr.). (India orientalis, *Beauvois*
in B). = *Selaginella*.
- Stachygyndrum tenerrimum* (A. Br.) Carr., *Cat. Afr. Pl. coll.* by
Dr. F. Welwitsch in 1853-1861, 2(2): 262. 1901. (Based on *Sel.*
tenerrima A. Br. ex Kuhn, 1868). = *Sel. tenerrima* A. Br. ex
Kuhn.
- Stachygyndrum versicolor* (Spring) Carr., *Cat. Afr. Pl. coll.* by
Dr. F. Welwitsch in 1853-1861, 2(2): 262. 1901. (Based on *Sel.*
versicolor Spring, 1850). = *Sel. versicolor* Spring.
- Stachygyndrum welwitschii* (Baker) Carr., *Cat. Afr. Pl. coll.* by
Dr. F. Welwitsch in 1853-1861, 2(2): 262. 1901. (Based on *Sel.*
welwitschii Baker, 1887). = *Selaginella welwitschii* Baker.
- Trispermium* Hill, *Gen. Nat. Hist.* 2 (Plants): IX, 112-113. 1751.
(First species seems to be *Sel. denticulata*). = *Selaginella*.
- Trispermium erectum spicis triangularibus* Hill, *Gen. Nat. Hist.*, 2:
113, no. 3. 1751. (American). = *Sel. flabellata* (Linn.) Spring.
(Alston 1952, 32).
- Trispermium spicis brevibus sessilibus* Hill, *Gen. Hist.* 2: 112, no. 1.
1751. (Portugal). = *Sel. denticulata* (Linn.) Spring.
- Trispermium spicis longioribus pediculatis* Hill, *Gen. Nat. Hist.* 2: 113,
no. 2. 1751. (Alps). = *Sel. helvetica* (Linn.) Spring.

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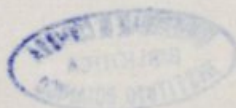
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The Board of Directors has the honor to acknowledge the receipt of your letter of the 15th inst. in relation to the proposed merger of the two companies. The Board has carefully considered the same and is of the opinion that the proposed merger is in the best interests of both companies and the public. The Board has therefore authorized the execution of the necessary documents to carry out the same.

The Board further desires to state that the proposed merger is being effected for the purpose of consolidating the two companies and of increasing the efficiency of their operations. It is the belief of the Board that the proposed merger will result in a more economical and efficient management of the combined business and will be to the benefit of the stockholders of both companies.

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INSTITUTO BOTÂNICO DA UNIVERSIDADE DE COIMBRA

MEMÓRIAS
DA
SOCIEDADE BROTERIANA

VOLUME XVIII

REDACTORES

PROF. DR. A. FERNANDES

Director do Instituto Botânico

DR. J. BARROS NEVES

Professor catedrático de Botânica



COIMBRA
1965-66

