

Type specimens of Korean vascular plants in the Herbarium of the Komarov Botanical Institute (LE)

Alisa E. Grabovskaya-Borodina^{1,*}, Irina D. Illarionova¹, Ivan V. Tatanov¹, Byoung-Yoon Lee² and Chae Eun Lim²

¹Komarov Botanical Institute, Professor Popov Street 2, Saint Petersburg 197376, Russia

²National Institute of Biological Resources, Environmental Research Complex, Incheon 404-708, Korea

*Correspondent: grabovskaya@mail.ru

The article provides information on type specimens of 150 taxa of vascular plants from Korea, kept in the Herbarium of the Komarov Botanical Institute of the Russian Academy of Sciences. For all specimens, type category is indicated. Lectotypes for the names of *Clematis brachyura* Maxim., *C. spectabilis* Palib., *Corydalis wilfordii* Regel, *Poa viridula* Palib., *Polygonum marretii* H. Lév., *P. sagittatum* L. var. *hallaisanense* H. Lév., *P. taquetii* H. Lév. and *P. thunbergii* Sieb. et Zucc. var. *coreana* H. Lév. were designated. Type specimens examined in this article belong to the taxa described by Russian botanists V.L. Komarov, K.J. Maximovicz and I.V. Palibin, French botanist A.A.H. Léveillé (some with co-author E. Vaniot) and others.

Keywords: Komarov Botanical Institute, Korea, LE, type specimens

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Herbarium of the Komarov Botanical Institute of the Russian Academy of Sciences (LE) in St. Petersburg is one of three the largest Herbarium in the world. In the sector of Central and Eastern Asia of this Herbarium is kept a large collection of plants from the Korean Peninsula, which includes a large number of the type specimens of plants which were described from this region.

An enormous contribution to the study of the flora of Korea belongs to the prominent Russian botanist V.L. Komarov. During 1895-1897, he collected plants in the region of the Russian Far East, Manchuria and Korea, and published a fundamental work *Flora Manshuriae* (Komarov, 1901b-1907), which is still an important work for the floristic studies in the region. Komarov traveled to Korea in 1897 and gathered enormous herbarium specimens, on which he described a considerable number of new species (Komarov, 1901a); his specimens cover one third of type specimens from Korea included in this study.

K.J. Maximowicz, a prominent botanist on the flora of East Asia, also described a considerable number of new species from Korea on the basis of the material collected by A. Schlippenbach, C. Wilford and R. Oldham. Some new species was described by I.V. Palibin. He studied the extensive original collections of A.A. Bunge (son),

N.C. Epow, J. Kalinowsky, A. Sontag and others, and completed a fundamental work on the flora of Korea - *Conspectus Florae Coreanae* (Palibin, 1899-1901).

A considerable number of species were described by A.A.H. Léveillé (some of them with co-author E. Vaniot) on the herbarium material of French collectors U. Faurie and E. Taquet from the island of Jeju (Quelpaert); their doublet specimens are kept in the Herbarium LE.

In this article is given the information about the type material of 150 taxa described from Korea. Most of them were found before the work on the cataloging and digitalization of herbarium material from Korea in the framework of the *Joint Research Project Agreement between Komarov Botanical Institute of the Russian Academy of Sciences and National Institute of Biological Resources of the Ministry of Environment, Republic of Korea* (Grubov, 2004). During the Project of 2012-2013, were found authentic material of 48 taxa from Korea. They are marked by (*) in the text before number of the taxa list.

The list of type specimens begins with conifers and then is alphabetically ordered for the names of families, genera and species. Labels are given in original transcription, but Komarov's Russian labels were translated in Latin.

Pinaceae

1. *Pinus funebris* Kom. Acta Horti Petropol. 20: 177, 1901.
Lectotype (Orlova, 2001: 26): Korea septentrionalis, prov. Cham-gion, distr. Musang, flumen Tumin-gan, Penskori in valle Cham-muri, V 1897, V.L. Komarov.
Syntypes: Korea septentrionalis, distr. Cherieng, trajectus Kan-pa-rieng, fluvium Tumin-gan, 14 V 1897, N 76, V.L. Komarov; Prov. Cherieng, in jugo valle Pchacha-gion (declive dextrum), in via ex oppido Cherieng ad trajectum Musang-llian, circa 800 m s. m., 19 V 1897, V.L. Komarov; Prov. Cham-gion, flumen Tumin Gan, trajectus Musang-llian, 22 V 1897, V.L. Komarov; Prov. Cham-gion, prope pag. Penskori, 27 V 1897, N 76, V.L. Komarov; Flumen Tumin-gan, trajectus Kan-pa-rieng, 28 V 1897, V.L. Komarov; Fl. Tumin-gan, in valle Emmen-su, pagum Koczan-pen, 30 V 1897, V.L. Komarov; Vallis fl. Che-czchen-gan, fl. Jalu infl. in via ad oppid. Samsu, 2 VII 1897, V.L. Komarov.

Aceraceae

2. *Acer triflorum* Kom. Acta Horti Petropol. 18: 430, 1901.
Syntypes (2): Korea septentrionalis, trajectum Czachin ien, in ripa Jalu infra Mao ell schan, 1 IX 1897, V.L. Komarov.

Apiaceae

3. *Angelica crucifolia* Kom. Acta Horti Petropol. 25: 170, 1905.
Holotype: Korea septentrionalis, ad ripas fl. Cza-schin-gan, fl. Jalu influentis, 27 VIII 1897, V.L. Komarov.
4. *Angelica flaccida* Kom. Acta Horti Petropol. 18: 431, 1901.
Lectotype (Vinogradova in Grubov, 2004: 25): Korea septentrionalis, in valle rivi ad trajectum Peksan-ien, via ab oppid. Samsu ad inferior spatia flumen Czan-dschin-gan, 5 VIII 1897, V.L. Komarov.
Syntype: Korea septentrionalis, ad trajectum Peksan-ien, meridiem in oppid. Samsu, 5 VIII 1897, V.L. Komarov.
5. *Angelica kiusiana* Maxim. Bull. Acad. Sci. Pétersb. 19: 277, 1874.
Syntype: Korean archipelago, 1863, R. Oldham.
6. *Hydrocotyle wilfordii* Maxim. Bull. Acad. Sci. Pétersb. 31: 45, 1886.
Lectotype (Grubov, 2004: 29): Corea, Port Chusan, 1859, C. Wilford.

7. *Peucedanum elegans* Kom. Acta Horti Petropol. 18: 430, 1901.

Lectotype (Vinogradova in Grubov, 2004: 30): Korea septentrionalis, flum. Jalu, 24 VII 1897, V.L. Komarov.
Syntype: Korea septentrionalis, pagum Karami, in rupibus in sylvis, 21-24 VII 1897, V.L. Komarov.

- *8. *Pimpinella calycina* Maxim. var. *brachycarpa* Kom. Acta Horti Petropol. 25: 145, 1907.

Syntype: In silvis ad trajectum Peksan-ien, via ab oppido Sam-su ad fl. Czan-dschin-gan, 5 VIII 1897, V.L. Komarov.

9. *Sanicula tuberculata* Maxim. Bull. Acad. Sci. Pétersb. 11: 431, 1867.

Lectotype (Vinogradova in Grubov, 2004: 31 as <holotypus>): Corea, Port Chusan, 1859, C. Wilford.

Aristolochiaceae

- *10. *Aristolochia manshuriensis* Kom. Acta Horti Petropol. 22: 112, 1903.

Syntype: Korea Septentrionalis, fluvium Jalu super., trajectus Zatan-ien, 24 VII 1897, V.L. Komarov.
Paratype: Korea Septentrionalis, ad jugum Zatan-ien, in silvis rupestribus, 24 VII 1897, V.L. Komarov.

Asclepiadaceae

11. *Cynoctonum wilfordii* Maxim. Mém. Biol. Acad. Sci. Pétersb. 9: 799, 1876; idem, Bull. Acad. Sci. Pétersb. 23, 2: 369, 1877.

Syntype: Corea, port Chusan, 1859, C. Wilford.

Asteraceae

12. *Artemisia aurata* Kom. Acta Horti Petropol. 18: 422, 1901.

Syntypes: In rupibus prope Tadin-don, secus rivulum fluvii Jalu-dsian decursum superiorem influentem, 22 VI 1897, V.L. Komarov; In rupibus in vallis fl. Jalu inferior ostium fl. Czan-dschin-gan, 14 VIII 1897, V.L. Komarov.

- *13. *Aster fauriei* H. Lév. et Vaniot, Bull. Acad. Intern. Géogr. Bot. (Le Mans), 20: 139, 1909.

Isotype: In rupibus littoris Quelpaert, X 1906, N 1118, U. Faurie.

14. *Aster papposissimus* H. Lév. Repert. Spec. Nov. Regni Veg. 8: 282, 1910.

Isotype: Quelpaert, in sepibus Hongno cascade, X 1909, N 2988, Taquet.

- *15. *Bidens minuscula* H. Lév. et Vaniot, Bull. Acad. Intern. Géogr. Bot. (Le Mans), 20: 3, 1910.
Isotype: Quelpaert, in herbidis humidis Hallaisan, 1000 m, 18 IX 1908, N 1031, Taquet.
16. *Cacalia firma* Kom. Acta Horti Petropol. 18: 420, 1901.
Lectotype and isolectotypes (2 sheets): Koreae septentrionalis, provincia Pen-nian, districtum Cza-schin, flumen Amnok-gan (=Jalu-dsian), in silvis mixtis ad trajectum Undon-ien prope oppidum Chu-czan in via ad oppidum Cza-schin, 23 VIII 1897, V.L. Komarov.
17. *Cnicus nakaianus* H. Lév. et Vaniot, Repert. Spec. Nov. Regni Veg. 8: 168, 1910.
Isotype: Quelpaert, in herbidis Hongno, 22 VIII 1908, N 1020, Taquet.
18. *Cnicus rhinoceros* H. Lév. et Vaniot, Repert. Spec. Nov. Regni Veg. 8: 168, 1910.
Isotype: Quelpaert, in herbidis Hallaisan, 1000 m et supra, 18 IX 1908, N 1019, Taquet.
19. *Cnicus uninervius* H. Lév. et Vaniot, Repert. Spec. Nov. Regni Veg. 8: 169, 1910.
Isotype: Quelpaert, in herbidis Hannon, 27 IX 1908, N 1021, Taquet.
- *20. *Crepidiastrum denticulatum* (Houtt.) Pak et Kawano var. *cornutum* Sennikov, Bot. Zhurn. (St. Petersburg), 82, 5: 114, 1997.
Holotype: Quelpaert, in littore, 16 III 1911, N 4812, Taquet.
- *21. *Eclipta dentata* H. Lév. et Vaniot, Bull. Acad. Intern. Géogr. Bot. (Le Mans), 20: 11, 1910.
Isotype: Quelpaert, in arenosis littoris E., 10 IX 1908, N 1038, Taquet.
22. *Lactuca alliarifolia* H. Lév. et Vaniot, Repert. Spec. Nov. Regni Veg. 8: 141, 1910.
Isotype: Quelpaert, in sylvis Yengsil, 1200 m, 17 VIII 1908, N 1049, Taquet.
23. *Lactuca hoatiensis* H. Lév. Repert. Spec. Nov. Regni Veg. 8: 449, 1910.
Isotype: Corea, Quelpaert, Hoatien, 700 m, VIII 1909, N 3010, Taquet.
24. *Lactuca nakaiana* H. Lév. et Vaniot, Repert. Spec. Nov. Regni Veg. 8: 141, 1910.
Isotypes (2): Corea, Quelpaert, in sylvis Mokan, 800 m, 18 IX 1908, N 1056, Taquet.
25. *Lactuca nummularifolia* H. Lév. Repert. Spec. Nov. Regni Veg. 8: 421, 1910.
Isotype: Corea, Quelpaert, in agris Hongno, 15 I 1910, N 9521, Taquet.
26. *Lactuca senecio* H. Lév. et Vaniot, Repert. Spec. Nov. Regni Veg. 8: 140, 1910.
Syntype: Corea, Quelpaert, in arenosis Hallaisan, 1800 m, IX 1908, N 1046, Taquet.
27. *Lactuca taraxacum* H. Lév. et Vaniot, Repert. Spec. Nov. Regni Veg. 8: 141, 1910.
Isotype: Corea, Quelpaert, in agris Hongno, X 1908, N 1042, Taquet.
- *28. *Leontopodium hallaisanense* Hand.-Mazz. Beih. Bot. Centralbl. 44: 72, 1928.
Syntype: In rupibus Hallaisan, 1500 m, VIII 1907, N 1967, U. Faurie.
29. *Matricaria coreana* H. Lév. et Vaniot, Repert. Spec. Nov. Regni Veg. 8: 169, 1910.
Syntype: Corea, Quelpaert, in herbidis, 1500 m, X 1906, N 1106, U. Faurie.
- *30. *Saussurea japonica* (Thunb.) DC. var. *dentata* Kom. Acta Horti Petropol. 25: 729, 1907.
Lectotype (Lipschitz, 1979: 73, as <typus>): Korea Septentrionalis, in abruptis planitie elevatae basalticae Pei-schan ad fluv. Karani-muri (bass. fl. Jalu), in pratensis, 22 VII 1897, V.L. Komarov.
31. *Saussurea manshurica* Kom. Acta Horti Petropol. 18: 424, 1901.
Syntypes (2): Korea Septentrionalis, ad trajectum Peksan-ien, in via ab oppid. Samsu ad cursu inferiora fl. Czan-dshin-gan, fl. Jalu infl., 4-5 VIII 1897, V.L. Komarov.
32. *Saussurea saxatilis* Kom. Acta Horti Petropol. 18: 422, 1901.
Lectotype (Lipschitz, 1979: 204) and isolectotype: Korea Septentrionalis, in rupibus ad ripam dextram fl. Jalu-dsian infra ostium fluvii Czan-dschin-gan, 12 VIII 1897, V.L. Komarov.
33. *Saussurea taquetii* H. Lév. et Vaniot, Repert. Spec. Nov. Regni Veg. 8: 169, 1910.
Isotype: Corea, Quelpaert, in herbidis litoris, 10 IX 1908, N 1015, Taquet.
34. *Saussurea umbrosa* Kom. Acta Horti Petropol. 18: 423, 1901.
Syntype: Korea Septentrionalis, ad trajectum Abuzsa-

kogar divortium aquarum inter flumina Tumin-gan et Amnok-gan (Jalu), 18 VI 1897, V.L. Komarov.

35. *Senecio koreanus* Kom. Acta Horti Petropol. 18: 420, 1901.

Syntypes: Korea septentrionalis, provincia Cham-gion, in silvis coniferum, secus superiorem fl. Czan-pen et fl. Segelsu (a meridie in fluvium Tumin-gan influentis), in rupibus, 17-18 VI 1897, V.L. Komarov (2 sheets); Ad trajectum Abuzsa-kogar divortium aquarum inter flumina Tumin et Jalu, in rupibus, 21 VI 1897, V.L. Komarov.

36. *Senecio longeligulatus* H. Lév. et Vaniot, Repert. Spec. Nov. Regni Veg. 8: 139, 1910.

Isotype: Corea, Quelpaert, in herbis Hallaisan, 1400 m, 12 VIII 1908, N 997, Taquet.

37. *Senecio splendens* H. Lév. et Vaniot, Repert. Spec. Nov. Regni Veg. 8: 139, 1910.

Isotype: Corea, Quelpaert, in sylvis Hallaisan, 600 m et supra, VIII 1909, N 995, Taquet.

38. *Senecio taquetii* H. Lév. et Vaniot, Repert. Spec. Nov. Regni Veg. 8: 139, 1910.

Isotype: Corea, Quelpaert, in hortis Taitpjeng aliquando ad remedium cultus, VII 1908, N 994, Taquet.

39. *Serratula koreana* Iljin, Bull. Jard. Bot. Princip. URSS, 27, 1: 87, 1929.

Syntypes: In herbis Hallaisan, 1800 m, VIII 1907, N 1960, U. Faurie; Quelpaert, Hallaisan, 1800 m, X 1907, N 222, Taquet; Quelpaert, in herbis Hallaisan, 1700 m, 13 VIII 1908, N 1018, Taquet.

Berberidaceae

40. *Berberis koreana* Palib. Acta Horti Petropol. 17: 22, tab. 1, 1899.

Lectotype (Grabovskaya-Borodina in Grubov, 2004: 54): Korea, Kyong-kwi: Seoul Schin-ku-kai, 18 IV 1894, A. Sontag.

Syntypes: Korea, Kyong-kwi: in ditone Seoulensi Pauck-Han, 9 V 1894, A. Sontag; Seoul montes prope viam ad Pekin ducentem, 25 V 1894, A. Sontag.

Brassicaceae

41. *Alliaria auriculata* Kom. Acta Horti Petropol. 18: 437, tab. 7, 1901.

Lectotype (Grubov, 2004: 58): Korea septentrionalis, systema flum. Jalu, sylvae intactae in declivis montium ad trajectum Peksan-ien in itinere e Sam-su ad ostium Czan Dzin-gan, 5 VIII 1897, V.L. Komarov.

Syntype: Sylvae montanae, in vallis flum. Sodegiu-muri (ripa sinistr.), Czachin-gan infl., flum. Jalu infl., 26 VIII 1897, V.L. Komarov.

42. *Arabis axillaris* Kom. Acta Horti Petropol. 18: 437, 1901.

Holotype and isotype: Prov. Pen-nian, Distr. Kap-san, flumen Amnok-gan (=Jalu dsian), in declivibus lapidosis siccis inter arbores raras Quercus in valle fluvii Un-czhen-gan infra U-czen po, 3 VII 1897, V.L. Komarov.

43. *Arabis hallaisanensis* Nakai, Repert. Spec. Nov. Regni Veg. 13: 271, 1914.

Syntypes: In cinere vulcani Hallaisan, 2000 m, VI 1907, N 1741, U. Faurie; In cinere vulcani Hallaisan, 2000 m, VIII 1907, N 1742, U. Faurie.

- *44. *Cardamine taquetii* H. Lév. et Vaniot, Repert. Spec. Nov. Regni Veg. 8: 259, 1910.

Isotype: Quelpaert, in orizetis Hongno, X 1908, N 563, Taquet.

45. *Sisymbrium maximowiczii* Palib. Acta Horti Petropol. 17: 28, 1899 (<maximowiczii>).

Syntype: Korean archip., 1863, N 58, R. Oldham.

Caprifoliaceae

46. *Lonicera barbinervis* Kom. Acta Horti Petropol. 18: 426, 1901.

Holotype and isotype: Koreae Septentrionalis provincia Cham-gion, districtis Musang, in silvis montanis vallis fluvii Segel-su (fluvium Tumin-gan superiorem influentis), 12-18 VI 1897, V.L. Komarov.

47. *Lonicera vesicaria* Kom. Acta Horti Petropol. 18: 427, 1901.

Lectotype (Imkhanitskaya in Grubov, 2004: 63): Korea Septentrionalis, prov. Chan-gion, distr. Kapsan, in valle fluvii Un-czchen-gan fluvium Jalu-dsian (decursu super.) influentis ad ostium vallis Ancan-ien, 29 VII-10 VIII 1897, V.L. Komarov.

Syntypes (2): Korea Septentrionalis, in fruticetis, in declivibus montium prope oppidulum Sam-su (regio fluvii Jalu-dsian decurs. super.), 2-14 VII 1897, V.L. Komarov.

48. *Viburnum arcuatum* Kom. Acta Horti Petropol. 18: 427, 1901.

Holotype and isotype: Korea Septentrionalis, inferior spatia fl. Czan-dschin-gan, fl. Jalu infl., in rupibus, cum *Ulmus* et *Quercus*, 10 VIII 1897, V.L. Komarov.

Caryophyllaceae

49. *Silene capitata* Kom. Acta Horti Petropol. 18: 440, 1901.

Lectotype (Lazkov in Grubov, 2004: 67): Korea Septentrionalis, in rupibus ripariis ripae sinistrae fl. Jalu-dsian infra ostium fl. Che-czchen-gan, 15 VII 1897, V.L. Komarov.

Syntype: Korea Septentrionalis, in valle fl. Czan-dschin-gan prope ostium ejus, in rupibus, 10 VIII 1897, V.L. Komarov.

50. *Silene koreana* Kom. Acta Horti Petropol. 18: 440, 1901.

Lectotype (Lazkov in Grubov, 2004: 67) and isoelectotype: Korea Septentrionalis, in valle San-kori, in decliviis aridis saxoso-argillosis, in via ab oppidulo Sam-su ad ostium fl. Czan-dschin-gan, fl. Jalu influentis, 6 VIII 1897, V.L. Komarov.

Syntype: Korea Septentrionalis, systema fl. Jalu superior, prope trajectum Zatan-ien, aridis saxosis collis in sylvis, 25 VII 1897, V.L. Komarov.

51. *Stellaria ebracteata* Kom. Acta Horti Petropol. 18: 441, 1901.

Syntypes: Korea Septentrionalis, trajectum Czaur-ien in valle fluvii Cham-muri, ad ripas, 24 V 1897, V.L. Komarov; Segelsu, in paludosis, in sylvis secus fl. Kursyn-buri, fl. Tumin influentis, 12 VI 1897, V.L. Komarov; Ad trajectum Abuzsa-kogar divortium aquarum inter flumina Tumin et Jalu, in palude, 19 VI 1897, V.L. Komarov.

52. *Stellaria jaluana* Nakai, Repert. Spec. Nov. Regni Veg. 13: 269, 1914.

Isotype: Korea septentrionalis, prov. Pen-nian, flumen Amnok-gan (=Jalu-dsian), trajectum a valle fl. Osinnjamuri ad fl. Un-czchen, pratium humide, 30 VI 1897, V.L. Komarov.

Celastraceae

*53. *Euonymus quelpaertensis* Nakai, Bot. Mag. (Tokyo), 28: 307, 1914, descr.; Bot. Mag. (Tokyo), 27: 130, 1913, nomen.

Syntype: In dumosis Quelpaert, VI 1907, N 1624, U. Faurie.

Celtidaceae

*54. *Celtis bungeana* Blume var. *heterophylla* H. Lévl. Repert. Spec. Nov. Regni Veg. 10: 476, 1912.

Isotype: Quelpaert, in pago Tjyoungmouni, VIII 1909, N 3213, Taquet.

Cornaceae

*55. *Cornus coreana* Wangerin, Repert. Spec. Nov. Regni Veg. 8: 99, 1908.

Syntype: Port Chusan, 1859, C. Wilford.

Crassulaceae

56. *Sedum leveilleanum* Raym.-Hamet, Bull. Soc. France, 55: 712, 1909.

Isotype: In rupibus Hallaisan, 1500 m, VIII 1907, N 1795, U. Faurie.

Paratypes: In rupibus Hallaisan, 1700 m, X 1907, N 136, U. Faurie; In rupibus Montins, Quelpaert, X 1906, N 623, U. Faurie.

57. *Sedum telephium* L. var. *eupatorioides* Kom. Acta Horti Petropol. 22: 393, 1904.

Syntype: Korea Septentrionalis, Districtum Chu-czan (distr. Kenge finit), flumen Amnok-gan (=Jalu dsian), fl. Jalu prope pag. Popen, 19 VIII 1897, V.L. Komarov.

*58. *Sedum ussuriense* Kom. Bull. Jard. Bot. Pétersb. 16: 170, 1916.

Syntype: Korea Septentrionalis, prov. Cham-gion, Districtum Purion, trajectus ad Musang, in rupibus, 23 V 1897, V.L. Komarov.

59. *Sedum viridescens* Nakai, Repert. Spec. Nov. Regni Veg. 13: 273, 1913.

Isotype: Quelpaert, in sylvis in torrentibus 800 m, 23 VII 1910, N 4249, Taquet.

Cyperaceae

*60. *Carex aristata* Honck. subsp. *raddei* (Kük.) Kük. var. *eriphylla* Kük. Pflanzenr. (Engler), 38: 755, 1909.

Isotype: In fossis arenosis Chinampo, VI 1901, N 944, U. Faurie.

61. *Carex erythrobasis* H. Lévl. et Vaniot, Repert. Spec. Nov. Regni Veg. 5: 240, 1908.

Isotype: In silvis Quelpaert, in petrosis et rupibus, 1000 [m], V 1907, N 2278, U. Faurie.

*62. *Carex haematostachys* H. Lévl. et Vaniot, Bull. Acad. Intern. Géogr. Bot. (Le Mans), 11: 305, 1902.

Isotype: In tumulis Hpyeng-Yang, VI 1901, N 926, U. Faurie.

63. *Carex hallaisanensis* H. Lévl. et Vaniot, Repert. Spec. Nov. Regni Veg. 5: 240, 1908.

Isotype: In silvis Hallaisan, VI 1907, N 2257, U. Faurie.

64. *Carex jaluensis* Kom. Acta Horti Petropol. 20: 369, 1901.
Holotype: Koreae septentrionalis, flumen Amnok-Gan=Jalu-dsian, district. Sam-su, in valle fl. Jalu prope Sang-su-u, ad ripas rivuli, 5 VII 1897, V.L. Komarov.
65. *Carex komarovii* V. I. Krecz. Not. Syst. (Leningrad), 7, 2: 33, 1937.
Holotype: Koreae septentrionalis, flumen Tumin-gan, provincia Cham-gion, in paludosis ad trajectum Abuzsa Kogar (5000'), 19 VI 1897, V.L. Komarov.
Paratype: In silvis Hallaisan 1200-2000', VI 1907, N 2256, U. Faurie.
66. *Carex koreana* Kom. Acta Horti Petropol. 18: 446, 1901, non L. H. Bailey, 1889 (<*coreana*>).
Holotype: Koreae Septentrionalis, flumen Tumin-gan, provincia Ken-song, districtum Mu-sang, in silva primaeva (Abietina) ad trajectum Czaur-ien, 22 V 1897, V.L. Komarov.
Paratype: Prov. Chamgion, 22 V 1897, N 326, V.L. Komarov.
- *67. *Carex laevisissima* Nakai, Repert. Spec. Nov. Regni Veg. 13: 245, 1914.
Isotype: Quelpaert, in humidis Hallaisan O., 1000 m, VIII 1909, N 3432, Taquet.
68. *Carex latitans* H. Lév. et Vaniot, Repert. Spec. Nov. Regni Veg. 5: 240, 1908.
Isotype: In uliginosis Mokpo, V 1907, N 2296, U. Faurie.
69. *Carex metallica* H. Lév. Repert. Spec. Nov. Regni Veg. 5: 240, 1908.
Isotype: In petrosis secus torrentes Quelpaert, V 1907, N 2261, U. Faurie.
70. *Carex mira* Kük. var. *obovato-oblonga* Ohwi, Mem. Coll. Sci. Kyoto Univ. Ser. B, 5, 3: 254, 1930.
Isotype: In montibus Ouen-San, VII 1906, N 1335, U. Faurie.
71. *Carex peiktusani* Kom. Acta Horti Petropol. 18: 445, 1901.
Lectotype (Egorova, 1999: 383): Korea septentr., provincia Kensong, in paludibus herbosis et ad ripas rivulorum in planitie elevata Peischan vel Peiktusan ad trajectum Abuzsa-kogar, 21 VI 1897, V.L. Komarov.
Syntype: Korea septentr., in paludibus herbosis planitiei elevata Peischan ad trajectum Abuzsa Kogar, 19 VI 1897, V.L. Komarov.
72. *Carex planiculmis* Kom. Acta Horti Petropol. 18: 448, 1901.
Syntype: Korea septentrionalis provincia Pen-nian, flumen Amnok-gan (=Jalu-dsian), in valle fl. Amnok ad ostium fl. Czan-dschin-gan, 11 VIII 1897, V.L. Komarov.
73. *Carex remotiformis* Kom. Acta Horti Petropol. 18: 444, 1901 (<*remotaeformis*>).
Lectotype (Novosselova, 2002: 138): Korea septentr., in rupibus humidis umbrosis in silvis prope trajectum Peksan-ien, via ex oppidulo Samsu in opp. Chuczan, 5 VIII 1897, V.L. Komarov.
- *74. *Carex tegulata* H. Lév. et Vaniot, Bull. Acad. Intern. Géogr. Bot. (Le Mans), 11: 306, 1902.
Syntype: In ripis fluminis Seoul, 27 V 1901, N 916, U. Faurie.
75. *Carex tuminensis* Kom. Acta Horti Petropol. 18: 444, 1901.
Lectotype (Egorova, 1999: 414): In herbosis ripariis fl. Kursin-buri, fl. Tumin-gan (supra oppid. Musang) influentis, prope Czan-pen, Korea septentr., 10 VI 1897, V.L. Komarov.
Syntypes: Korea septentrionalis, flumen Tumin-gan, provincia Kensong, in herbosis ripariis fl. Kursin buri, prope Pekapen, 6 VI 1897, V.L. Komarov; Prov. Kensong, in herbosis ripariis rivulorum vallis Segelsu-Korani, bass. fl. Tumin-gan, 16 VI 1897, V.L. Komarov.
76. *Carex ussuriensis* Kom. Acta Horti Petropol. 18: 443, 1901.
Syntype: Korea septentrionalis, provincia Kensong, flumen Tumin-gan, districtus Musang, in silvis umbrosis muscosis vallis Segelsu-Korani, 18 VI 1897, V.L. Komarov.
- *77. *Carex wallichiana* Prescott ex Nees var. *miyabei* (Franch.) Kük. f. *glabrescens* Kük. Pflanzenr. (Engler), 38: 749, 1909.
Lectotype (Egorova, 1999: 165): In herbis Kan-ouento, 28 VI 1901, N 947, U. Faurie.
Syntype: Secus viam ferratam, V 1901, N 948, U. Faurie.
78. *Carex xiphium* Kom. Acta Horti Petropol. 18: 446, 1901.
Syntype: Korea septentr., prov. Kensong, in silvis abietinis muscosis inter trajecta Abuzsa-Kogar et Czongai-ien, 21 VI 1897, V.L. Komarov.
79. *Scirpus fuirenoides* Maxim. var. *jaluana* Kom. Acta Horti Petropol. 20: 342, 1901.
Lectotype (Novosselova, 2002: 139): Korea septentr. ad fines Mandschuria, in pratis paludosis vallis fl. Jalu-dsian (=Amnokgan) prope oppidulum Chudschu-ubi,

15 VIII 1897, V.L. Komarov.

Syntypes: Korea septentr., district. Samsu, in pratis ad ripas (sinistr.) fl. Jalu prope Naran, 8 VII 1897, V.L. Komarov; Mandschuria ad fines Korea, in pratis vallis fl. Jalu, decursu super. (ripa dextra) contra oppidulum Sesampo, 18 VII 1897, V.L. Komarov; In pratis paludosis ad trajectum inter fl. Czan-dschin-gan decursa maxime super. et fl. Amnok-gan (=Jalu dsian), 10 VIII 1897, V.L. Komarov.

Ericaceae

80. *Rhododendron schlippenbachii* Maxim. Bull. Acad. Sci. Pétersb. 15: 226, 1871.

Lectotype (Vinogradova in Grubov, 2004: 91) and isotype: Korea, Schlippenbach.

Syntype: Korean archipelago, 1863, R. Oldham.

Euphorbiaceae

*81. *Euphorbia fauriei* H. Lév. et Vaniot, Repert. Spec. Nov. Regni Veg. 5: 281, 1908.

Isotype: Hallaisan, 2000 m, VII 1907, N 1978, U. Faurie.

Fabaceae

82. *Lathyrus vaniotii* H. Lév. Repert. Spec. Nov. Regni Veg. 7: 230, 1909 (<*Vanioti*>).

Isotype: In monte des Diamants, 23 VI 1906, N 398, U. Faurie.

83. *Trigonella koraiensis* Vassilcz. Not. Syst. (Leninograd), 14: 234, 1951.

Holotype: Korea septentrionalis, in valle fluv. Cza-schingan, fluv. Jalu infl., 28 VIII 1897, V.L. Komarov.

Fumariaceae

*84. *Corydalis wilfordii* Regel, Bull. Soc. Nat. Moscou, 34, 3: 148, 1861.

Lectotype: (Mikhailova¹, designated here): Corea, Port Hamilton, 1859, C. Wilford (LE - LE01004664).

In the protologue: <*C. pallida* Wilf. pl. exsicc. - Corea>.

*85. *Corydalis hallaisanensis* H. Lév. Repert. Spec. Nov. Regni Veg. 10: 349, 1912.

Isotype: In silvis Hallaisan, 1500 m, 17 V 1907, N 1766, U. Faurie.

Geraniaceae

86. *Geranium koreanum* Kom. Acta Horti Petropol. 18: 433, 1901.

Lectotype (Novosselova in Grubov, 2004: 506): Korea

septentrionalis, provincia Pen-nian, districtum Kenge, subdist. Chu-czan, flumen Amnok-gan (=Jalu-dsian), in valle Andori, 21 VIII 1897, V.L. Komarov.

Syntype: Via ab trajectum Czaschin-ien ad fl. Jalu, 2 IX 1897, V.L. Komarov.

87. *Geranium soboliferum* Kom. Acta Horti Petropol. 18: 433, 1901.

Lectotype (Tsyrenova, 1985: 1640): Korea septentrionalis, Distr. Kapsan, pratis umbrosa ad plato jugi ad trajectum supra Omegan ad Checzhengan, flum. Jalu influentis, 3 VIII 1897, V.L. Komarov.

88. *Geranium tripartitum* R. Knuth, Pflanzenr. (Engler), 53: 191, 1912.

Lectotype (Novosselova in Grubov, 2004: 509): Quelpaert, in sylvis, Hallaisan, 800 m, 17 VIII 1908, N 603, Taquet.

Hydrangeaceae

89. *Deutzia fauriei* H. Lév. Repert. Spec. Nov. Regni Veg. 8: 283, 1910.

Isotype: Corea, in rupibus montis des Diamants, 24 VI 1906, N 360, U. Faurie.

90. *Deutzia glabrata* Kom. Acta Horti Petropol. 22: 433, 1904.

Syntypes: Korea septentrionalis, prov. Cham-gien, distr. Purion, in valle Czari-kori in superior fl. Purion, via ab Purion ad Musang, 21 V 1897, V.L. Komarov; Korea septentrionalis, flumen Czan-dschin-gan (fl. Jalu infl.) prope ostium fl. Onkol-muri, via ab Samsu ad Chuczan, 8 VIII 1897, V.L. Komarov.

*91. *Hydrangea taquetii* H. Lév. Repert. Spec. Nov. Regni Veg. 8: 282, 1910.

Syntypes: Quelpaert, in sylvis Yangkeni, 600 m. 10 V 1908, N 808, Taquet; Quelpaert, in muris agrorum Hongno. 12 V 1908, N 807, Taquet.

*92. *Hydrangea tiliifolia* H. Lév. Repert. Spec. Nov. Regni Veg. 8: 282, 1910 (<*tiliaefolia*>).

Syntypes: Quelpaert, in rupibus Yangkeni, 14 V 1908, N 809, Taquet.

Lamiaceae

93. *Scutellaria moniliorhiza* Kom. Acta Horti Petropol. 25: 346, tab. 4, fig. 3, 1907 (<*moniliorrhiza*>).

Lectotype (Krestovskaya in Grubov, 2004: 111): In rupibus in valle flumen prope pagum Ankubi, in superiore spatia fl. Jalu, 25 VI 1897, V.L. Komarov.

¹M.A. Mikhailova, Herbarium LE, Komarov Botanical Institute, Russia.

Syntypes: In declivium rupestris prope pagum Segelsu, in valle Kursyn-muri, fl. Tumin influentis, 12 VI 1897, V.L. Komarov; In abruptis planitie elevatae basalticae Pei-schan ad pagum Tadin-pen in fontes fl. Jalu, 24 VI 1897, V.L. Komarov.

Lauraceae

94. *Lindera mollis* Oliv. Journ. Linn. Soc. London (Bot.), 9: 168, 1865.

Isotype: Korean Archipelago, 1863, N 716, R. Oldham.

95. *Litsea coreana* H. Lév. Repert. Spec. Nov. Regni Veg. 10: 370, 1912.

Isolectotype: Quelpaert, in sylvis Sampangsan, X 1908, N 1355, Taquet.

Syntypes: Quelpaert, in sylvis Taitpjeng, X 1909, N 3171, Taquet; Quelpaert, in sylvis Yangkeuni, 10 IX 1910, N 4401, Taquet.

Liliaceae

96. *Allium ophiopogon* H. Lév. Repert. Spec. Nov. Regni Veg. 12: 184, 1913.

Syntype: Quelpaert, in herbidis parva insula Mounseum, 9 VIII 1910, N 4039, Taquet.

*97. *Allium taquetii* H. Lév. et Vaniot, Repert. Spec. Nov. Regni Veg. 5: 283, 1908.

Syntypes: In Quelpaert supra 1200 m, X 1906, N 259, U. Faurie; Hallaisan, 1400 m, X 1907, N 385, Taquet (2 sheets).

98. *Lilium amabile* Palib. Acta Horti Petropol. 19: 113, 1901.

Holotype and isotypes (2): Korea, Seoul, VII 1886, Kalinowsky.

99. *Polygonatum taquetii* H. Lév. et Vaniot, Repert. Spec. Nov. Regni Veg. 5: 282, 1908 (<taquetii>).

Isotype: Quelpaert, in silvis Hallaisan, VI 1907, N 2115, U. Faurie.

100. *Polygonatum umbellatum* H. Lév. Repert. Spec. Nov. Regni Veg. 11: 495, 1913, nom. illeg., non Baker, 1875.

Isotype: Quelpaert E., in littore, 10 VI 1910, N 4055, Taquet.

Melantiaceae

*101. *Veratrum patulum* O. Loes. Verh. Bot. Vereins Prov. Brandenburg, 68: 134, 1926.

Isotype: In sylvis Hallaisan, 1200 m, VII 1907, N 2109, U. Faurie.

Onagraceae

102. *Epilobium angulatum* Kom. Acta Horti Petropol. 18: 432, 1901.

Lectotype (Chen *et al.*, 1972: 127): Ad trajectum Peksanien, meridiem in oppid. Samsu, 5 VIII 1897, V.L. Komarov.

Orchidaceae

*103. *Platanthera komarovii* Schltr. Repert. Spec. Nov. Regni Veg. 15: 210, 1918.

Isotype: Flum. Jalu, 26 VI 1897, V.L. Komarov.

*104. *Platanthera neglecta* Schltr. Repert. Spec. Nov. Regni Veg. Beih. 4: 43, 1919.

Paratype: Quelpaert, in sylvis Hallaisan 1000 m, VIII 1909, N 3336, Taquet.

Poaceae

105. *Alopecurus brachytrichus* Ohwi, Acta Phytotax. Geobot. (Kyoto), 5: 51, 1936.

Isotype: Korea, Sohyorei, 22 VI 1930, N 1624, J. Ohwi.

106. *Calamagrostis hymenoglossa* Ohwi, Acta Phytotax. Geobot. (Kyoto), 10: 261, 1941.

Isotype: Korea borealis, Gosui in Kisshugun, 4 VIII 1930, N 2985, J. Ohwi.

107. *Diplachne latifolia* Nakai, Bot. Mag. (Tokyo), 35: 139, 1921, nom. illeg.

Lectotype (Tzvelev in Grubov, 2004: 133): Quelpaert N., in herbidis Santji, 10 IX 1908, N 1906, Taquet.

*108. *Festuca ovina* L. var. *duriuscula* (L.) Hack. subvar. *coreana* St.-Yves, Bull. Soc. Bot. France, 71: 33, 1924.

Isotype: Port Hamilton, 1859, C. Wilford.

109. *Leiopoa blepharogyna* Ohwi, Acta Phytotax. Geobot. (Kyoto), 1: 66, 1932.

Isotype: Korea, Mt. Setsurei, 26 VI 1930, N 1861, J. Ohwi.

Paratype: Mt. Tsuruyusan, VII 1930, N 2724, J. Ohwi.

110. *Poa viridula* Palib. Acta Horti Petropol. 19: 134, 1901.

Lectotype (Tzvelev², designated here) and isolectotype:

²N.N. Tzvelev, Herbarium LE, Komarov Botanical Institute, Russia.

Seoul, Juck Tschu Ab, 20 IV 1894, A. Sontag (LE - LE01002273).

Syntypes: Seoul, Yi-Yan (montagne à la Dent) 20 lieu de Séoul, 28 V 1894, A. Sontag; Hut-Tschai-Meo, 1 V 1894, A. Sontag.

In the protologue: <Kyong-kwi: Seoul: Juck-Tschu-Ab 20 April. 1894 ster.; Hut-Tschai-Meo 1 Majo 1894 fl.; in ditione Seoulensi: in monte Yi-san 28 Majo 1894 (Sontag)>.

*111. *Puccinellia coreensis* Hack. ex Honda, 1930, Journ. Fac. Sci. Univ. Tokyo, Sect. 3, Bot. 3, 1: 57, 1930.

Isolectotype: In herbidis Mokhpo, V 1909, N 3408, Taquet.

112. *Trisetum taquetii* Hack. Repert. Spec. Nov. Regni Veg. 12: 386, 1913.

Isotype: Quelpaert, in silvis Hallaisan, VII 1909, N 3403, Taquet.

Polygonaceae

*113. *Polygonum marretii* H. Lév. Repert. Spec. Nov. Regni Veg. 8: 171, 1910.

Lectotype (Graboskaya-Borodina, designated here): In silvis Hallaisan, 1200 m, 17 V 1907, N 2033, U. Faurie (LE - LE01003874; isolectotype (Lauener, Ferguson 1982: 201, as syntype) - E).

Syntype: Quelpaert, in silvis Hallaisan, 1000 m, 6 VI 1908, N 1297, Taquet.

In the protologue: <Corea: Quelpaert, in silvis Hallaisan, 1000-1200 m, 17 mai 1907 (Urb. Faurie, 2033); 6 juin 1908 (Taquet, 1297)>.

114. *Polygonum pauciflorum* Maxim. Ind. Sem. Hort. Petropol. 1866: 3, 1867, nom. illeg., non Endl. 1848.

Syntype: Korean archipelago, 1863, N 698, R. Oldham.

*115. *Polygonum sagittatum* L. var. *hallaisanense* H. Lév. Repert. Spec. Nov. Regni Veg. 8: 171, 1910.

Lectotype (Graboskaya-Borodina, designated here): Quelpaert in herbidis Hallaisan, 1700 m, 13 VIII 1908, N 1296, Taquet (LE - LE01003822; isolectotype (Lauener, Ferguson 1982: 200, as syntype) - E).

In the protologue: <Corea: Quelpaert, in herbidis humidis Hallaisan, 1700 m, 13 août, 7 sept. 1908. (Taquet, 1296, 1313)>.

*116. *Polygonum taquetii* H. Lév. Repert. Spec. Nov. Regni Veg. 8: 258, 1910.

Lectotype (Graboskaya-Borodina, designated here): Quelpaert in silvis Yengsil, 1000 m, 27 IX 1908, N

1325, Taquet (LE - LE01003885; isolectotype (Lauener, Ferguson, 1982: 202, as syntype) - E).

Syntypes: In humidis silvarum Quelpaert, VIII 1907, N 2032, U. Faurie; Quelpaert in humidis silvarum, 900 m, 4 IX 1908, N 1320, Taquet; Quelpaert in silvis Hallaisan, 800 m, 18 IX 1908, N 1318, Taquet.

In the protologue: <Corea: Quelpaert, in silvis Hallaisan, Yengsil, 800-1000 m, août, 27 septembre (Faurie, 2032; Taquet, 1318, 1320, 1325)>.

*117. *Polygonum thunbergii* Siebold et Zucc. var. *coreana* H. Lév. Repert. Spec. Nov. Regni Veg. 8: 171, 1910.

Lectotype (Graboskaya-Borodina, designated here): Quelpaert in silvis, 700 m. 19 IX 1908, N 1288, Taquet (LE - LE01003890; isolectotype (Lauener, Ferguson, 1982: 197, as syntype) - E).

Syntypes: Quelpaert in silvis Yengsil, 1000 m, 27 IX 1908, N 1324, Taquet; Quelpaert in humidis silvarum Yengsil, 1000 m, 17 VIII 1908, N 1329, Taquet; Quelpaert in silvis, 700 m, 4 IX 1908, N 1319, Taquet.

In the protologue: <Corea: Quelpaert, in silvis Piento-Hoatien, Yengsil, Piento-Tchimpat, 17 août, 27 sept. (Taquet, 1288, 1319, 1324, 1329)>.

Primulaceae

118. *Primula saxatilis* Kom. Acta Horti Petropol. 18: 429, 1901.

Syntype: In abruptis planitie elevatae basalticae Peischan ad pagum Tadin-pen in fontes fl. Jalu, 24 VI 1897, V.L. Komarov.

Ranunculaceae

*119. *Aconitum alboviolaceum* Kom. Acta Horti Petropol. 18: 439, 1901 (<*albo-violaceum*>).

Syntype: In valle fluvii Jalu infra oppid. Mao-ell-schan, ad trajectum Cza-schin-ien, 1 IX 1897, V.L. Komarov.

*120. *Aconitum jaluense* Kom. Acta Horti Petropol. 18: 439, 1901.

Lectotype (Graboskaya-Borodina, 2010: 361): In cursu inferiore fluminis Czan-dschin-gan, fl. Jalu affluentia sinistra magna, 10 VIII 1897, V.L. Komarov (on 2 sheets).

Syntypes: Korea septentrionalis, ad trajectum Ankan-ien inter valle fl. Un-czchen-gan et valle fl. Toin-muri, fl. Jalu affluentia, 29 VII 1897, V.L. Komarov.

121. *Cimicifuga heracleifolia* Kom. Acta Hort. Petropol. 18: 438, 1901.

Syntype: Korea septentrionalis, districtus Kapsan, Systema flum. Jalu, ad ostium fluv. Toin-muri ad fluv.

Chegchen-gan, declivia sicca saxosa, 1 VIII 1897, V.L. Komarov.

*122. *Cimicifuga taquetii* H. Lév. Repert. Spec. Nov. Regni Veg. 9: 435, 1912.

Isotypes: Quelpaert N, in sylvis 1500 m, 1 X 1910, N 4106, Taquet.

123. *Clematis brachyura* Maxim. Bull. Acad. Sci. Pétersb. 22: 221, 1877.

Lectotype (Grabovskaya-Borodina, designated here): Korean Archip., 1863, N 7, R. Oldham (LE - LE01001963).

In the protologue: <Hab. in archipel. Koreano (Oldham! N 7, numerus a Miquel citatus, v. in hb. Petrop. et Lugd.-bat.)>.

124. *Clematis koreana* Kom. Acta Horti Petropol. 18: 431, 1901.

Lectotype (Grabovskaya-Borodina in Grubov, 2004: 141): Prov. Chamgian, distr. Musang, flumen Tumin-gan, sylvae trajectus Czaurien in itinere e Purion ad Musang, 21 V 1897, V.L. Komarov.

Syntype: Korea septentrionalis, flumen Tumin-gan, provincia Cham-gion, trajectus Piisan-ien ad meridiem ab pag. Pensekori ad fl. Ham muri, qui in Tumyn prope opp. Musang influit, 2 VI 1897, V.L. Komarov.

*125. *Clematis spectabilis* Palib. Acta Horti Petropol. 17: 12, 1899.

Lectotype (Grabovskaya-Borodina, designated here) and isolectotypes (2): Seoul, V-VI 1886, Kalinowsky (LE - LE01001964).

In the protologue: <Kyong-Kwi: prope Seoul, Majo-Junio a. 1886 cl. Kalinowsky legit>.

Rosaceae

126. *Crataegus komarovii* Sarg. Pl. Wilson. 1, 2: 183, 1912.

Lectotype (Buzunova in Grubov, 2004: 147): In valle Segelsu-Korani, systema fontium fl. Tumin-gan, via ab oppid. Musang ad fl. Jalu, 16-18 VI 1897, V.L. Komarov.

*127. *Crataegus pinnatifida* Bunge var. *psilosa* C.K. Schneid. Ill. Handb. Laubholzk. 1: 769, 1906.

Syntype: Vallis flum. Tupongo, affluentia flum. Tumyn-gan, ad Cherion, Pineta in declive, 18 V 1897, V.L. Komarov.

128. *Dryas nervosa* Juz. Bull. Jard. Bot. Princip. URSS, 28, 3-4: 320, 1929.

Holotype: In schistosis declivium montis Pei-shan supra

silvas, ca 7000', 24 V 1897, Anert.

*129. *Filipendula multijuga* Maxim. var. *koreana* Nakai, Repert. Spec. Nov. Regni Veg. 13: 274, 1914.

Isotype: Distr. oppid. Samsu, in sylvis prope trajectum Ibai-ien super pagum Naran prope fl. Jalu, 6 VII 1897, V.L. Komarov.

130. *Rosa jaluana* Kom. Acta Horti Petropol. 22: 537, 1904.

Holotype: Korea septentrionalis, provincia Pen-nian, flumen Amnok-gan (=Jalu dsian), in sylvis in jugi Zatan-ien prope pagum Karami, 27 VI 1897, V.L. Komarov.

131. *Rosa koreana* Kom. Acta Horti Petropol. 18: 434, 1901.

Lectotype (Buzunova in Grubov, 2004: 152): Korea septentrionalis, in valle Segelsu, systema fontium fl. Tumin-gan, in rupibus in sylvis coniferis. 16 VI 1897, V.L. Komarov.

Syntype: In valle Segelsu-Korani prope trajectum Abuzsa, systema fontium fl. Tumin-gan, inter detritum lapidosum in sylvis, 18 VI 1897, V.L. Komarov.

*132. *Rubus quelpaertensis* H. Lév. Repert. Spec. Nov. Regni Veg. 5: 280, 1908.

Syntype: In dumosis Quelpaert, VII 1907, N 1585, U. Faurie.

*133. *Rubus vaniotii* H. Lév. Repert. Spec. Nov. Regni Veg. 5: 280, 1908.

Isotype: Quelpaert, in sepibus prope Hongno, VI 1907, N 1577, U. Faurie.

Rubiaceae

134. *Galium taquetii* H. Lév. Repert. Spec. Nov. Regni Veg. 10: 438, 1912.

Isolectotype: Quelpaert, in agris sub umbra arborum, VIII 1909, N 2954, Taquet.

135. *Galium trifloriforme* Kom. Acta Horti Petropol. 18: 428, 1901.

Syntypes: Korea septentrionalis, flumen Amnok-gan, solo muscoso in silva mixta declivii septentrionalis jugi Zatan-ien, 28 VI 1897, V.L. Komarov (2 sheets); Solo muscoso in silva declivii septentrionalis jugi Zatan-ien, in superiorem spatia fl. Jalu, 28 VI 1897, V.L. Komarov.

Ruppiaceae

136. *Ruppia taquetii* H. Lév. Repert. Spec. Nov. Regni Veg. 9: 323, 1911.

Isotype: Quelpaert in lacunis salsuginosis insulae Saiseum, 6 VII 1910, N 4029, Taquet.

Sabiaceae

137. *Meliosma oldhamii* Maxim. Bull. Acad. Sci. Pétersb. 12: 64, 1868.
Syntype: Korean archip., 1863, N 183, Oldham.

Salicaceae

*138. *Salix blinii* H. Lév. Repert. Spec. Nov. Regni Veg. 10: 435, 1912.
Syntype: Quelpaert, in silvis secus torrentes Hallaisan, 1200 m, VI 1909, N 3249, Taquet.

*139. *Salix hallaisanensis* H. Lév. Repert. Spec. Nov. Regni Veg. 10: 435, 1912.
Isolectotype: Quelpaert in sylvis Hallaisan, 1200 m, VI 1909, N 3258, Taquet.
Syntypes: Quelpaert in herbis, 1000 m, 5 VI 1908, N 1442, Taquet; Quelpaert, Sokpat, 1000 m, 6 VI 1908, N 1443, Taquet; Quelpaert in sylvis Hallaisan, 1200 m, VI 1909, N 3256, Taquet; Quelpaert in sylvis Hallaisan, 1200 m, VI 1909, N 3257, Taquet; Quelpaert in sylvis Hallaisan, circa 1200 m, VI 1909, N 3259, Taquet; Quelpaert in sylvis Hallaisan, 1200 m, N 3253, Taquet.

*140. *Salix hallaisanensis* var. *nervosa* H. Lév. Repert. Spec. Nov. Regni Veg. 10: 435, 1912.
Isotype: Quelpaert, Hallaisan, 1500 m, 12 VIII 1908, N 1444, Taquet.

141. *Salix maximoviczii* Kom. Acta Hort. Petropol. 18: 442, 1901.
Holotype: Korea septentrionalis ad ripas fl. Jalu-dsian paulo infra pagum Karami, 28 VI 1897, V.L. Komarov.

Scrophulariaceae

142. *Melampyrum roseum* Maxim. var. *setaceum* Maxim. ex Palib. Acta Horti Petropol. 18: 168, 1900.
Lectotype (Popova in Grubov, 2004: 165) and isolectotype: Seoul, VII 1886, Kalinowsky.
Syntype: Söül, Gottsche, Herbarium A. Engler.

*143. *Pedicularis coreana* Bonati, Bull. Soc. Bot. France, 54: 374, 1907.
Isotype: In petrosis montis des Diamants, 23 VI 1906, N 831, U. Faurie.

*144. *Pedicularis taquetii* P.C. Tsoong, Kew Bull. 3: 447, 1954.

Isotype: Quelpaert, in herbis Hallaisan, 1700 m, 7 IX 1908, N 1168, Taquet.

Sparganiaceae

145. *Sparganium coreanum* H. Lév. Repert. Spec. Nov. Regni Veg. 10: 441, 1912.
Isotype: Quelpaert, in stagno Terok, 14 IX 1908, N 2150, Taquet.

Tiliaceae

146. *Tilia taquetii* C.K. Schneid. Repert. Spec. Nov. Regni Veg. 7: 200, 1909.
Holotype: Habitat in petrosis torrentium Hallaisan, VII 1907, N 1615, U. Faurie.

Urticaceae

147. *Boehmeriopsis pallida* Kom. Acta Horti Petropol. 18: 441, 1901.
Syntype: Koreae septentr., in valle fluv. Cza-schin-gan, in rupibus, 29 VIII 1897, V.L. Komarov.

Violaceae

148. *Viola albida* Palib. Acta Horti Petropol. 17: 30, 1899.
Lectotype (Nikitin in Grubov, 2004: 176): Korea, Seoul, Thee-Mun-An-Tai-Kul, 29 IV 1894, Sontag.
Syntypes: Seoul, Schin-Ku-Kai, 18 IV 1894, Sontag; Seoul, Hut-Tschai-Meo, 1 V 1894, Sontag.

*149. *Viola limprichtiana* W. Becker, Bot. Jahrb. Syst. 54 (5, Beibl. 120): 185, 1917.
Syntypes: Korea, Anri-Kol (entre Chemulpo et Seoul), 17 III 1894, A. Sontag; Séoul, du Palais de Sa M. du Roi de Corée (Nord), 2 IV 1894, A. Sontag.

*150. *Viola rudolfii* V.V. Nikitin, Bot. Zhurn. (Moscow & Leningrad), 92, 3: 385, 2007.
Paratype: Kyeonggi prov., Pocheon gun, nearest Ildong town, Mt. Gwangduk, 940 m, 24 VIII 2002, P.G. Gorovoy, R.V. Doudkin, K.G. Tkachenko.

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