



REVIEW

Collection of S. Yano's Specimens from Taiwan in the Herbarium of the Komarov Botanical Institute (LE)

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ABSTRACT: Over a thousand plant specimens collected by Japanese naturalist Seikihiro Yano from Taiwan in 1896–1897 are currently stored at the Herbarium of the Komarov Botanical Institute, Russian Academy of Science, St. Petersburg (LE). The collection consists of 318 taxa of ferns, conifers and flowering plants. In this paper, a list of specimens collected is provided, including scientific names, localities, dates of collection and collection numbers. Yano's collections played an important part in the early botanical exploration of Taiwan. The information of his collections could be used to develop a view of past flora and vegetation communities at low altitude areas in Taiwan. Furthermore, Yano's specimens also included the first botanical collections from Lanyu and Ludao, two islets off the southeastern coast of Taiwan Island.

KEY WORDS: 1896–1897, Formosa, S. Yano, Taiwan.

INTRODUCTION

In 19th century Saint Petersburg Botanical Garden became owner of the largest and significant collections from South-Eastern Asia. For the most part it was connected with scientific interests of academician Carl Johann Maximowicz (1827–1891), who, after his own scientific travels to Russian Far East and later to Japan (1860–1864), published a series of papers, concerning the taxonomy of different groups of East Asian plants (Maximowicz, 1866–1876, 1877–1888, 1893). He worked in several European herbaria, and made invaluable contributions to the flora of eastern Asia. Herbarium specimens were also collected through purchase from different sources. Among them, one of the most significant collections of William Hancock and Richard Oldham from Taiwan island were got from Kew Herbarium and studied by C.J. Maximowicz (Alexeeva, 2010). Later the tradition of purchasing collections was continued and the Herbarium of Saint Petersburg Botanical Garden was greatly enriched by Russian and foreign collections. "Saint Petersburg garden transferred one thousand rubles to Mr. Seikichiro YANO for collecting of specimens on Formosa island in 1896" (Extract..., 1898, p. 11; see also Fedtchenko, 1913, p. 21). Formosa (former name of Taiwan) was a part of the Japan Empire since 1895 and the Japanese naturalist and diplomat S. Yano worked at the Japanese Embassy in Taiwan. He collect-

ed plants from the end of May until the end of July 1896, and resumed his work of collection from January until June 1897. His collections were carried out in the northern part of the island: in Taipei (Taipeh) and its vicinities (e.g. Keibigai, Konka, Manca, Mt. Chitsshinton, Pachina, Pehto, Takarappo, Toaronpon etc.) as well as in Keelung (Keelon), Hsinchu (Shinchiku), Miaoli (Byoritsu) and also on the small islands, Ludao (Fehsho-islet) and Lanyu (Antaw-islet) off the southeastern coast of Taiwan. Lots of the locality names on the specimen labels are different from what we use today, and the names or counties the specimen localities currently belong to are given in appendix 1.

A collection of 2,000 specimens, representing 400 collection numbers, were received by Herbarium of St. Petersburg Botanical Garden (acquisition number 27) (Lipsky, 1908). After our careful examination, this collection has two variants of labels: 1) "Plantae Formosanae, S. Yano" and 2) "Herb. Kochi: Seibutsugakkai". Tomitaro Makino, the founder of taxonomy of plants in Japan, who considered himself as a pupil of C.J. Maximowicz lived and worked in the Botanical Garden in Kochi. Makino collected great number of Japanese plants, and he sent his specimens as well as others from various collectors to LE every year until 1941. The second part of the specimens in this acquisition (no. 27) was likely through this purchase from Kochi to LE.



Taxonomic list of plants, collected by Seikihiro Yano in Taiwan in 1896–1897

PTERYDOPHYTA

ADIANTACEAE

Adiantum flabellulatum L.: Mt. Keibi, 1897/04/02, № 425.

ASPIDIACEAE

Tectaria subtriphylla (Hook. & Arn.) Copel.: Fehsho-islet, 1897/03/13, № 342.

ASPLENIACEAE

Asplenium nidus L.: Taipeh, Toaronpon, 1896/07/25, № 030;

Taipeh, Toaronpon, 1897/02/12, № 206.

BLECHNACEAE

Blechnum orientale L.: Taipeh, Pehto, 1896/06/07, № 045.

CYATHEACEAE

Cyathea lepifera (J. Sm. ex Hook.) Copel.: Mt. Chitsshinton, 1897/03/27, № 263.

DAVALLIACEAE

Davallia mariesii H.J.Veitch: Koteison, 1897/04/12, № 414.

DENNSTAEDTIACEAE

Microlepia speluncae (L.) T. Moore: Taipeh, Pehto, 1896/06/07, № 046.

Microlepia strigosa (Thunb.) Presl: Taipeh, Toaronpon, 1897/07/25, № 017.

Monachosorum henryi Christ: Mt. Chitsshinton, 1897/03/27, № 274.

DICKSONIACEAE

Cibotium barometz (L.) J. Sm.: Mt. Taiton, 1897/03/27, № 264.

HYMENOPHYLLACEAE

Cephalomanes laciniatum (Roxb.) DeVol: Fehsho-islet, 1897/03/14, № 301.

LINDSAEACEAE

Lindsaea orbiculata (Lam.) Mett. ex Kuhn: Taipeh, Pehto, 1896/06/31, № 052;

Mt. Taiton, 1897/03/27, № 271.

Tapeinidium pinnatum (Cav.) C. Chr.: Fehsho-islet, 1897/03/13, № 330.

OLEANDRACEAE

Nephrolepis biserrata (Sw.) Schott.: Taipeh, Toarongpon, 1896/05/31, [s. №];

Taipeh, Toaronpon, 1896/06/05, № 032;

Fehsho-islet, 1897/03/14, № 355.

Nephrolepis cordifolia (L.) C. Presl: Mt. Chitsshinton, 1897/03/28, № 289.

OPHIGLOSSACEAE

Ophioglossum thermale Komarov: Soatawyahtsun, 1897/01/13, №204.

POLYPODIACEAE

Colysis wrightii (Hook.) Ching: Taipeh, Keibigai, 1897/05/02, № 452.

Drynaria fortunei (Kunze) J. Sm.: Byoritsu, 1897/01/16, № 247.

Lemmaphyllum microphyllum Presl: Taipeh, Toaronpon, 1897/01/30, № 239;

Koteison, 1897/04/22, № 415.

Pseudodrynaria coronans (Wall. ex Mett.) Ching: Taipeh, Kokanton, 1897/04/22, № 445.

PTERIDACEAE

Pteris fauriei Hieron.: Taipeh, Toaronpon, 1896/07/25, № 021.

SCHIZAEACEAE

Lygodium japonicum (Thunb.) Sw.: Taipeh, 1897/01/25, № 228.



Taxonomic list of plants, collected by Seikihiro Yano in Taiwan in 1896–1897 (continued)

SELAGINELLACEAE

Selaginella delicatula (Desv.) Alston: Antaw-islet, 1897/03/17, № 306.

Selaginella doederleinii Hieron.: Mt. Chitsshinton, 1897/03/27, № 268.

THELYPTERIDACEAE

Cyclosorus parasiticus (L.) Farw.: Taipeh, 1897/01/15, № 227.

Dictyocline griffithii Moore: Mt. Chitsshinton, 1897/03/27, № 270.

Pronephrium triphyllum (Sw.) Holtt.: Taipeh, Pehto, 1896/05/31, № 051;

Taipeh, Pehto 1896/06/07, № 052;

Taipeh, Pehto, 1896/06/31, [s. №].

VITTARIACEAE

Vittaria anguste-elongata Hayata: Mt. Taiton, 1897/03/27, № 269;

Mt. Keibi, 1897/04/22, № 423.

SPERMATOPHYTA

GYMNOSPERMA

PINACEAE

Pinus massoniana Lamb.: Mt. Chitsshinton, 1897/03/27, № 276.

ANGIOSPERMAE

Dicotyledons

ACANTHACEAE

Codonacanthus pauciflorus (Nees) Nees: Byoritsu, 1897/01/16, № 245.

Justicia gendarussa Brum. f.: Taipeh, 1897/01/06, № 230;

Taipeh, Carah, 1897/05/17, № 505.

ACTINIDIACEAE

Saurauia tristyla DC. var. *oldhamii* (Hemsl.) Finet & Gagnep.: Keelon, Mt. Sikiu, 1896/07/10, № 072.

AMARANTHACEAE

Alternanthera sessilis (L.) R. Brown: Taipeh, 1896/07/26, № 108.

Amaranthus spinosus L.: Taipeh, 1897/05/15, № 482.

Amaranthus viridis L.: Taipeh, Toaronpon, 1896/07/25, № 019;

Taipeh, Karah, 1897/05/15, № 483.

APOCINACEAE

Ecdysanthera rosea Hook. & Arn.: Mt. Keibi, 1897/04/22, № 441.

Parsonia laevigata (Moon) Alston: Fehsho-islet, 1897/03/14, № 304.

Trachelospermum gracilipes Hook. f.: Koteison, 1897/04/22, № 433.

AQUIFOLIACEAE

Ilex asprella (Hook. & Arn.) Champ.: Mt. Taiton, 1897/03/28, № 254.

ARALIACEAE

Tetrapanax papyriferus (Hook.) K. Koch: Byoritsu, 1897/01/16, № 240.

ARISTOLOCHIACEAE

Asarum taitonense Hayata: Mt. Chitsshinton, 1897/03/28, № 297.

ASCLEPIADACEAE

Asclepias curassavica L.: Jukina Sinchiku, 1896/07/03, № 067.

Dischidia formosana Maxim.: Mt. Keibi, 1897/05/02, № 468.

Gymnema sylvestre (Retz.) Schultes: Hongzan, Sinchiku, 1896/06/29, № 060.

BASELLACEAE



Taxonomic list of plants, collected by Seikihiro Yano in Taiwan in 1896–1897 (continued)

Basella alba L.: Taipeh, Takarappo, 1897/01/04, № 203;
Tamsui, 1897/04/08, № 469.

BERBERIDACEAE

Dysosma pleiantha (Hance) Woodson: Mt. Chitsshinton, 1897/03/28, № 285.

BORAGINACEAE

Cordia dichotoma Forst. f.: Taipeh, 1897/05/07, № 461;
Taipeh, Manka, 1897/05/15, № 471;
Taipeh, Carah, 1897/05/19, № 489.

Cynoglossum lanceolatum Forssk.: Sinchiku, 1896/06/28, № 028.

Ehretia acuminata R. Br.: Koteison, 1897/04/22, № 431.

Heliotropium indicum L.: Fehsho-islet, 1897/03/13, № 315.

CAMPANULACEAE

Lobelia chinensis Lour.: Taipehfu, 1897/03/15, № 394.

CAPPARACEAE

Capparis lanceolaris DC.: Antaw-islet, 1897/03/17, № 348.

Capparis lutaoensis C.E. Chang: Fehsho-islet, 1897/03/13, № 345.

Cleome viscosa L.: Fehsho-islet, 1897/03/14, № 302.

CAPRIFOLIACEAE

Lonicera japonica Thunb.: Taipeh, Koteisho, 1897/03/12, № 387;
Taipeh, 1897/05/07, № 460.

Sambucus chinensis Lindl.: Taipeh, 1896/07/26, № 110;
Taipeh, 1897/05/10, № 470.

Bidens pilosa L.: Taipeh, 1897/01/30, № 243.

Blumea balsamifera (L.) DC.: Fehsho-islet, 1897/03/13, № 344.

Blumea conspicua Hayata: Fehsho-islet, 1897/03/13, № 332.

Blumea lacera (Burm. f.) DC.: Taipeh, 1897/07/27, № 101.

Blumea oblongifolia Kitam.: Taipeh, 1896/07/26, № 100.

Centipeda minima (L.) A. Braun & Ascherson: Taipeh, Toaronpon, 1896/07/27, № 104.

Conyza aegyptiaca (L.) Aiton: Sinchiku, 1896/06/28, № 063.

Cotula hemisphaerica Wall. ex Benth. & Hook.: Taipeh, Takarappo, 1897/01/06, № 231.

Crossostephium chinense (L.) Makino: Antaw-islet, 1897/03/18, № 326.

Dichrocephala integrifolia (L. f.) Kuntze: Takarappo, 1897/01/06, № 234.

Echinops grijsii Hance: Takarappo, 1897/01/06, № 239.

Elephantopus mollis Kunth: Sinchiku, 1896/06/29, № 012;
Taipeh, Toaronpon, 1896/06/13, № 087;
Koteisho, 1897/03/12, № 389.

Emilia sonchifolia (L.) DC. var. *javanica* (Burm. f.) Mattfeld: Taipeh, Koteitsun, 1897/04/15, № 370.

Epaltes australis Less.: Hongzang, Sinchiku, 1896/06/29, № 061.

Eupatorium formosanum Hayata: Taipeh, 1896/07/25, № 109;
Taipeh, 1896/12/25, № 224.

Gnaphalium luteoalbum L. subsp. *affine* (D. Don) Koster: Taipeh, 1897/01/30, № 241.

Gynura elliptica Yabe & Hayata: Antaw-islet, 1897/03/18, № 324.

Hemistepta lyrata (Bunge) Bunge: Taipeh, Koteitsun 1897/04/12, № 366.

Ixeridium laevigatum (Blume) J. H. Pak & Kawano: Taipeh, 1897/05/07, № 458.



Taxonomic list of plants, collected by Seikihiro Yano in Taiwan in 1896–1897 (continued)

- Ixeris chinensis* (Thunb.) Nakai: Taipeh, 1897/04/12, № 379.
Mikania cordata (Burm. f.) B.L. Rob.: Mt. Keibi, 1897/05/02, № 447.
Pluchea indica (L.) Less.: Taipeh, Fooshionchu, 1896/06/07, № 040.
Pterocypsela formosana (Maxim.) C. Shih: Taipeh, 1897/05/15, № 476.
Sigesbeckia orientalis L.: Taipeh, 1897/04/12, № 367.
Vernonia cinerea (L.) Less.: Taipeh, 1896/07/28, № 098.
Vernonia patula (Dryand.) Merr.: Taipeh, Manka, 1896/06/10, № 088.
Wedelia chinensis (Osbeck) Merr.: Taipeh, Keibigai, 1897/04/20, № 377;
Taipeh, 1897/05/15, № 472
Xanthium strumarium L.: Taipeh, 1896/07/27, № 099.
- CONVOLVULACEAE
Dichondra micrantha Urban: Taipeh, Koteitson, 1897/04/12, № 373.
Evolvulus alsinoides (L.) L.: Hyonzan, 1897/05/02, № 225.
Ipomoea cairica (L.) Sweet: Taipeh, Manka, 1896/06/10, № 035;
Shinchiku, 1897/01/13, № 251.
Ipomoea indica (Burm. f.) Merr.: Taipeh, Carah, 1897/05/19, № 507.
Ipomoea nil (L.) Roth.: Byoritsu, 1897/01/14, № 208.
Merremia hirta (L.) Merr.: Hyonzan, 1897/01/13, № 220.
- CRASSULACEAE
Bryophyllum pinnatum (Lam.) Kurz: Toaronpon, 1897/02/03, № 237.
- CRUCIFERAE (Brassicaceae)
Coronopus integrifolius (DC.) Prantl: Fehsho-islet, 1897/03/13, № 338.
Rorippa cantoniensis (Lour.) Ohwi: Taipeh, 1897/01/31, № 252.
- CUCURBITACEAE
Actinostemma tenerum Griff.: Koteisho, 1896/03/12, № 085.
Mukia maderaspatana (L.) M. J. Roem.: Koteison 1897/05/22, № 408.
Zehneria mucronata (Blume) Miq.: Taipeh, 1897/01/10, № 226;
Koteison, 1897/05/22, № 407.
- DROSERACEAE
Drosera indica L.: Sou-taw-yah-tsun, 1897/01/13, № 205.
Drosera indica L.: Sou-taw-yah-tsun, 1897/01/13, № 205.
- EBENACEAE
Diospyros eriantha Champ. ex Benth.: Jukina, 1896/07/04, № 025 and № 054.
- ELAEAGNACEAE
Elaeagnus glabra Thunb.: Mt. Chitsshinton, 1897/03/27, № 278.
- ERICACEAE
Lyonia ovalifolia (Wall.) Drude: Mt. Taiton, 1897/03/28, № 294.
- EUPHORBIACEAE
Bischofia javanica Blume: Mt. Chitsshinton, 1897/03/27, № 279.
Breynia officinalis Hemsl.: Taipeh, Toaronpon, 1896/06/08, № 081;
Taipeh, Toaronpon, 1896/06/13, № 089;
Mt. Keibi, 1897/04/22, № 427.
Bridelia balansae Tutch.: Taipeh, Toaronpon, 1896/06/06, № 033.
Chamaesyce hirta (L.) Millsp.: Fooshionchu, 1896/06/07, № 041.
Chamaesyce sparrmannii (Boiss.) Hurusawa: Antaw-islet, 1897/03/18, № 323.



Taxonomic list of plants, collected by Seikihiro Yano in Taiwan in 1896–1897 (continued)

- Chamaesyce thymifolia* (L.) Millsp.: Taipeh, Toaronpon, 1896/07/25, № 073.
Flueggea virosa (Roxb. ex Willd.) Voigt: Taipeh, 1896/07/26, № 106.
Glochidion rubrum Blume: Koteison, 1897/04/22, № 420.
Glochidion zeylanicum (Gaertn.) A. Juss.: Pehto, Taipeh, 1896/06/07, № 050;
 Taipeh, Pehto, 1896/06/07, № 107;
 Taipeh, Takarappo, 1897/01/31, № 253;
 Taipeh, Kotaisho, 1897/03/15, № 382.
Macaranga tanarius (L.) Muell.-Arg.: Mt. Keibi, 1897/04/22, № 438.
Mallotus philippensis (Lam.) Muell.-Arg.: Jukina, 1896/07/04, № 027.
Mallotus repandus (Willd.) Muell.-Arg.: Sinchiku, 1896/06/26, № 006;
 Taipeh, Pehto, 1896/06/07, № 034.
Melanolepis multiglandulosa (Reinw.) Reich. f. & Zoll.: Antaw-islet, 1897/03/18, № 325.
Sapium sebiferum (L.) Roxb.: Taipeh, Pachina, 1896/06/08, № 082 and № 090.
 FLACOURTIACEAE
Scolopia oldhamii Hance: Mt. Taiton, 1897/03/28, № 284.
 GENTIANACEAE
Centaurium japonicum (Maxim.) Druce: Antaw-islet, 1897/03/17, № 327.
 GESNERIACEAE
Rhynchosyche discolor (Maxim.) Burt: Fesho-islet, 1897/03/13, № 312.
 GUTTIFERAE (Clusiaceae)
Hypericum japonicum Thunb. ex Murray: Taipehfu, 1897/03/15, № 395.
Hypericum sampsonii Hance: Taipehfu, 1897/03/12, № 399;
 Koteison, 1897/05/22, № 410.
 HAMAMELIDACEAE
Liquidambar formosana Hance: Mt. Chitsshinton, 1897/03/27, № 262.
 LABIATAE (Lamiaceae)
Leonurus japonicus Houtt.: Taipeh, 1897/03/24, № 281.
Leucas chinensis (Retz.) R. Brown: Taipeh, Koteitsun, 1897/03/22, № 402.
Salvia plebeia R. Brown: Taipeh, Koteitsun, 1897/04/12, № 365.
Scutellaria barbata D. Don: Byoritsu, 1897/01/15, № 223;
 Taipeh, Koteitsun, 1897/04/12, № 378.
 LAURACEAE
Lindera megaphylla Hemsl.: Mt. Chitsshinton, 1897/03/28, № 293.
 LECYTHIDACEAE
Barringtonia asiatica (L.) Kurz: Antaw-islet, 1897/03/17, № 309.
 LEGUMINOSAE (Fabaceae)
Acacia confusa Merr.: Taipeh, Fooshionchu, 1896/06/07, № 042;
 Taipeh, 1896/06/10, № 083;
 Petow, 1897/03/28, № 277.
Bauhinia championii (Benth.) Benth.: Byoritsu, 1897/01/16, № 244.
Caesalpinia crista L.: Mt. Keibi, 1897/05/02, № 455.
Callerya reticulata (Benth.) Schot: Taipeh, Pehto, 1896/06/07, № 047;
 Taipeh, Toaronpon 1896/06/07, № 093;
 Pehto, Taipeh, 1896/06/07, [s. №].
Desmodium triflorum (L.) DC.: Taipeh, Toaronpon, 1896/07/25, № 074;
 Taipeh, 1897/05/15, № 477.
Entada phaseoloides (L.) Merr.: Mt. Keibi, 1897/04/22, № 439.



Taxonomic list of plants, collected by Seikihiro Yano in Taiwan in 1896–1897 (continued)

- Erythrina variegata* L.: Manca, 1897/05/19, № 507.
Galactia tashiroi Maxim.: Antaw-islet, 1897/03/17, № 391.
Indigofera hirsuta L.: Chuko, Shinchiku, 1897/01/13, № 216.
Indigofera suffruticosa Mill.: Cult., 1897/03/25, № 258;
Cult., 1897/05/17, № 500.
Melilotus indicus (L.) All.: Fooshionchu, 1896/06/07, № 059;
Sinchiku, 1896/07/01, № 075.
Melilotus officinalis (L.) Pall. subsp. *suaveolens* (Ledeb.) H. Ohashi: Taipeh, Manca, 1897/05/22, № 493.
- LOGANIACEAE
Buddleja asiatica Lour.: Taipeh, Hoshonchu, 1897/03/29, № 255.
Mitrasacme pygmaea R. Brown: Keibizan, 1897/04/22, № 424.
- LYTHRACEAE
Lagerstroemia subcostata Koehne: Taipeh, Pehto, 1896/06/07, № 043.
Pemphis acidula J. R. & G. Forst.: Antaw-islet, 1897/03/18, № 353.
Rotala rotundifolia (Wallich ex Roxb.) Koehne: Taipeh, Pehto, 1896/06/08, № 097.
- MALPIGIACEAE
Hiptage benghalensis (L.) Kurz.: Mt. Keibi, 1897/04/22, № 426.
- MALVACEAE
Abutilon indicum (L.) Sweet var. *guineense* (Schumach.) K.M. Feng: Antaw-islet, 1897/03/17, № 317.
Abutilon indicum (L.) Sweet var. *indicum*: Fehsho-islet, 1897/03/13, № 316.
Hibiscus rosa-sinensis L.: Sinchiku, 1896/06/28, № 062.
Hibiscus tiliaceus L.: Sinchiku, 1896/06/28, № 064.
Sida acuta Burm. f.: Sinchiku, 1896/06/29, № 010.
Urena lobata L.: Sinchiku, 1896/06/29, № 011.
- MELASTOMACEAE
Astronia formosana Kanehira: Fehsho-islet, 1897/03/14, № 318.
Melastoma candidum D. Don: Taipeh, Pehto, 1896/06/08, № 085a;
Taipeh, Pehto, 1896/06/13, № 085b
- MENISPERMACEAE
Cocculus orbiculatus (L.) DC.: Taipeh, Pehto, 1896/06/09, № 080;
Taipeh, Pehto, 1896/06/31, № 051.
Stephania japonica (Thunb.) Miers: Taipeh, Kotaisho, 1897/03/15, № 383.
- MENYANTHACEAE
Nymphoides coreana (H. Lév.) Hara: Mt. Keibi, 1897/05/02, № 446.
- MOLLUGINACEAE
Mollugo stricta L.: Taipeh, Toaronpon, 1896/07/27, № 103.
- MORACEAE
Broussonetia papyrifera (L.) L'Herit. ex Vent.: Taipeh, 1897/03/24, № 282.
Ficus caulocarpa (Miq.) Miq.: Koteisho, 1897/04/22, № 434.
Ficus erecta Thunb. var. *beeheyana* (Hook. & Arn.) King: Taipeh, Toaronpon, 1896/06/05, № 032;
Taipeh, Pehto, 1897/07/25, № 023.
Ficus formosana Maxim.: Taipeh, Koteisho, 1897/03/15, № 384;
Koteitsun 1897/04/12, № 358.
Ficus irisana Elmer: Antaw-islet, 1897/03/17, № 308.
Ficus microcarpa L. f.: Taipeh, Keibigai, 1897/05/02, № 464.
Ficus septica Burm. f.: Antaw-islet, 1897/03/17, № 336;
Koteison 1897/03/27, № 413.



Taxonomic list of plants, collected by Seikihiro Yano in Taiwan in 1896–1897 (continued)

Ficus superba (Miq.) Miq. var. *japonica* Miq.: Taipeh, 1897/01/05, № 213.

Ficus virgata Reinw. ex Blume: Koteisho, 1897/04/22, № 429;

Taipeh, Koteison, 1897/05/22, № 403.

Humulus scandens (Lour.) Merr.: Taipeh, Carah 1897/05/19, № 486.

MYRICACEAE

Myrica rubra (Lour.) Siebold & Zucc.: Mt. Taiton, 1897/03/27, № 265;

Mt. Chitsshinton, 1897/03/28, № 291.

MYRSINACEAE

Ardisia sieboldii Miq.: Taipeh, Fooshionchu, 1896/06/08, № 065;

Koteison, 1897/04/22, № 418.

Maesa lanyuensis Yuen-P. Yang: Fehsho-islet, 1897/03/14, № 303.

Maesa perlaria (Lour.) Merr. var. *formosana* (Mez) Yuen-P. Yang: Mt. Taiton, 1897/03/27, № 261.

MYRTACEAE

Rhodomyrtus tomentosa (Aiton) Hassk.: Taipeh, Toaronpon, 1896/06/13, № 084;

Mt. Keibi, 1897/04/22, № 432.

Syzygium jambos (L.) Alston: Cult., 1897/04/02, № 283.

NYCTAGINACEAE

Bougainvillea spectabilis Willd.: Taipeh, Cult., 1897/01/30, № 221.

ONAGRACEAE

Ludwigia × taiwanensis C.-I Peng: Taipehfu, 1897/04/12, № 419.

Ludwigia octovalvis (Jacq.) Raven: Taipeh, Koteitsun, 1897/04/12, № 376.

PIPERACEAE

Piper kadsura (Choisy) Ohwi: Taipeh, Koteitsun, 1897/04/12, № 362;

Koteison, 1897/04/22, № 435.

PITTOSPORACEAE

Pittosporum pentandrum (Blanco) Merr.: Taipeh, Keibigai, 1897/05/02, № 448.

PLUMBAGINACEAE

Limonium wrightii (Hance) Kuntze: Antaw-islet, 1897/03/18, № 349.

Plumbago zeylanica L.: Byoritsu, 1897/01/15, № 215.

POLYGONACEAE

Polygonum chinense L.: Taipeh, 1897/01/06, № 229.

Polygonum glabrum Willd.: Taipeh, Takarappo, 1897/01/04, № 201.

Polygonum lanatum Roxb.: Taipeh, Hoshonchu, 1897/03/23, № 256

Polygonum lapathifolium L.: Taipeh, Hoshonchu, 1897/03/23, № 256b;

Taipeh, Carah, 1897/05/17, № 501a;

Taipeh, Carah, 1897/05/17, № 502.

Polygonum longisetum De Bruyn: Taipeh, Carah, 1897/05/17, № 503.

Polygonum orientale L.: Koteisho, 1897/03/22, № 411;

Taipeh, Manca, 1897/05/22, № 492.

Polygonum persicaria L.: Karah, Taipeh 1897/05/15, № 474;

Taipeh, Carah 1897/05/17, № 501b.

Polygonum plebeium R. Brown: Taipeh, Toaronpon, 1896/07/27, № 105.

PRIMULACEAE

Anagalis arvensis L.: Chuko, 1897/01/15, № 219;

Taipeh, Hoshonchu, 1897/03/23, № 257.

Androsace umbellata (Lour.) Merr.: Fehsho-islet, 1897/03/13, № 322.

Lysimachia candida Lindl.: Taipeh, 1897/04/12, № 369.

Lysimachia decurrens G. Forster: Taipeh, Koteitsun, 1897/04/12, № 364.



Taxonomic list of plants, collected by Seikihiro Yano in Taiwan in 1896–1897 (continued)

Lysimachia mauritiana Lam.: Fehsho-islet, 1897/03/13, № 347.

RANUNCULACEAE

Clematis grata Wall.: Sinchiku, 1896/06/26, № 007;

Taipeh, Toaronpon, 1896/07/25, № 022.

RHAMNACEAE

Berchemia lineata (L.) DC.: Sinchiku, 1896/06/26, № 008.

Paliurus ramosissimus (Lour.) Poir.: Taipeh, Pehto, 1896/06/07, № 070.

Rhamnus formosana Matsum.: Byoritsu 1897/01/14, № 207.

ROSACEAE

Photinia serratifolia (Desf.) Kalkman: Taipeh, Toaronpon, 1897/07/25, № 018.

Rosa laevigata Michx.: Taipeh, Koteitsun, 1897/04/12, № 357.

Rubus corchorifolius L. f.: Mt. Chitsshinton, 1897/03/28, № 298.

Spiraea prunifolia Siebold & Zucc. var. *pseudoprunifolia* (Hayata) H.L. Li: Byoritsu, 1897/01/14, № 214.

RUBIACEAE

Cephalanthus naucleoides DC.: Taipeh, 1897/06/10, № 036.

Galium spurium L. f. *vaillantii* (DC.) R. J. Moore: Taipeh, 1897/05/15, № 485.

Gardenia jasminoides Ellis: Taipeh, 1897/05/07, № 462;

Cult., 1897/05/19, № 506.

Lasianthus fordii Hance: Keelon, 1896/07/10, № 071.

Morinda citrifolia L.: Fehsho-islet, 1897/03/13, № 346.

Mussaenda pubescens W.T. Aiton: Byoritsu, 1897/01/15, № 209.

Mussaenda taihokuensis Masam.: Taipeh, Mt. Keibi, 1897/05/02, № 466

Ophiorrhiza japonica Blume: Byoritsu, 1897/01/16, № 246.

Psychotria rubra (Lour.) Poir.: Taipeh, Pehto, 1896/06/08, № 038;

Koteison 1897/04/22, № 417.

Psychotria serpens L.: Taipeh, Toatonswan, 1896/06/08, № 029;

Taipeh, Pehto, 1896/06/07, № 048.

Randia spinosa (Thunb.) Poir.: Koteison, 1897/05/22, № 412;

Taipeh, Keibigai, 1897/05/02, № 449.

RUTACEAE

Murraya paniculata (L.) Jack. var. *omphalocarpa* (Hayata) Swingle: Fehsho-islet, 1897/03/13, № 320.

Zanthoxylum nitidum (Roxb.) DC.: Koteisho, 1897/03/12, № 388;

Taipeh, Koteitsun, 1897/04/14, № 361.

SALICACEAE

Salix warburgii O. Seemen: Taipeh, 1897/01/30, № 235.

SAPINDACEAE

Cardiospermum halicacabum L.: Taipeh, Toaronpon, 1896/07/25, № 020.

Dodonaea viscosa (L.) Jacq.: Taipeh, Pehto, 1896/06/07, № 049.

Euphoria longana Lam.: Taipeh, Pehto, 1896/06/08, № 037;

Cult. 1897/04/12, № 380;

Taipeh, 1897/03/13, № 386.

SAURURACEAE

Saururus chinensis (Lour.) Baill.: Taipeh, 1897/05/07, № 463.

SAXIFRAGACEAE

Hydrangea angustipetala Hayata: Fehsho-islet, 1897/03/14, № 305.



Taxonomic list of plants, collected by Seikihiro Yano in Taiwan in 1896–1897 (continued)

Hydrangea chinensis Maxim.: Mt. Shabo, 1897/03/19, № 266.

SCROPHULARIACEAE

Bacopa monnieri (L.) Wettst.: Sinchiku, Kiuko, 1896/06/29, № 056.

Deinostema violaceum (Maxim.) Yamaz.: Taipeh, 1897/05/19, № 510.

Lindernia anagallis (Burm. f.) Pennell: Taipeh, 1897/03/12, № 381;
Taipeh 1897/05/07, № 457.

Torenia concolor Lindl.: Jukina, 1896/07/04, № 055;
Taipeh, Shintengai, 1897/05/02, № 465.

SOLANACEAE

Lycianthes biflora (Lour.) Bitter: Taipeh, Takarappo, 1897/01/30, № 250;
Taipeh, Koteitsun, 1897/04/12, № 360;
Taipeh, 1897/03/12, № 398.

Lycopersicon esculentum Mill.: Taipeh, Takarappo, 1897/01/04, № 202.

Nicotiana tabacum L.: Cult., 1898/05/22, № 498.

Solanum erianthum D. Don: Sinchiku, 1896/06/26, № 002.

Solanum lasiocarpum Dunal: Fehsho-islet, 1897/03/13, № 313.

Solanum nigrum L.: Taipeh, Takarappo, 1897/01/30, № 248.

Solanum violaceum Ortega: Taipeh, 1897/06/30, № 242;
Taipehfu, 1897/03/12, № 397.

SPHENOCLEACEAE

Sphenoclea zeylanica Gaertn.: Sinchiku, 1896/06/30, № 015.

STERCULIACEAE

Helicteres augustifolia L.: Mt. Taiton, 1896/06/08, № 094.

Waltheria americana L.: Taipeh, 1897/01/10, № 218.

STYRACACEAE

Styrax suberifolia Hook. & Arn.: Jukina, 1896/07/04, № 026.

SYMPLOCACEAE

Symplocos chinensis (Lour.) Druce: Mt. Taiton, 1897/03/28, № 290;
Taipeh, Konkan, 1897/04/22, № 430.

THYMELAEACEAE

Daphne genkwa Siebold & Zucc.: Byoritsu, 1897/01/15, № 217.

Wikstroemia indica (L.) C. A. Mey.: Mt. Taiton, 1896/06/08, № 095.

TROCHODENDRACEAE

Trochodendron aralioides Siebold & Zucc.: Mt. Chitsshinton, 1897/03/27, № 280.

ULMACEAE

Celtis philippensis Blanco: Antaw-islet, 1897/03/17, № 310.

Celtis sinensis Personn: Taipeh, 1897/03/25, № 300.

Trema orientalis (L.) Blume: Mt. Taiton, 1896/06/08, № 096;
Taipeh, Toaronpon, 1897/01/10, № 222;
Taipeh, Keibigai 1897/05/02, № 467.

UMBELLIFERAE (Apiaceae)

Centella asiatica (L.) Urban: Taipeh, 1897/04/12, № 372.

Cnidium monnieri (L.) Gusson var. *formosanum* (Yabe) Kitagawa: Taipeh, 1897/03/12, № 400.

Hydrocotyle batrachium Hance: Taipeh, 1897/04/12, [s. №].

Oenanthe javanica (Blume) DC.: Taipeh, 1897/04/12, № 371;



Taxonomic list of plants, collected by Seikihiro Yano in Taiwan in 1896–1897 (continued)

Oenanthe pterocaulon T.S. Liu, C.Y. Chao & T.I. Chuang: Sinchiku, 1896/06/29, **Nº 014**.

Pimpinella diversifolia DC.: Mt. Keibi, 1897/05/02, **Nº 401**.

Torilis japonica (Houtt.) DC.: Kiuko, Sinchiku, 1896/06/27, **Nº 009**.

URTICACEAE

Boehmeria densiflora Hook. & Arn.: Taipeh 1897/01/30, **Nº 236**.

Boehmeria formosana Hayata: Taipeh, Carah 1897/05/19, **Nº 509**.

Boehmeria nivea (L.) Gaudich. var. *tenacissima* (Gaudich.) Miq.: Cult. 1897/05/19, **Nº 494**.

Boehmeria wattersii (Hance) B.L. Shih & Yuan-P. Yang: Taipeh, Toaronpon, 1896/06/13, **Nº 092**;
Koteison 1897/04/22, **Nº 421**.

Debregeasia orientalis C. J. Chen: Mt. Chitsshinton, 1897/03/27, **Nº 275**.

Leucosyke quadrinervia C. Robinson: Fehsho-islet, 1897/03/13, **Nº 339**.

Oreocnide pedunculata (Shirai) Masam.: Mt. Taiton, 1897/03/28, **Nº 267**.

Pilea peploides (Gaudich.) Hook. & Arn.: Taipeh, 1897/02/05, **Nº 238**.

VERBENACEAE

Callicarpa formosana Rolfe: Taipeh, Pehto, 1896/06/08, **Nº 039**;
Mt. Taiton, 1897/03/27, **Nº 259**.

Caryopteris incana (Thunb. ex Houtt.) Miq.: Hyonzan, 1897/01/16, **Nº 249**.

Clerodendrum canescens Wall. ex Walpers: Taipeh, Toaronpon, 1896/05/31, **Nº 053**;
Tamsui, 1897/04/12, **Nº 368**.

Clerodendrum inerme (L.) Gaertn.: Taipeh, Toaronpon, 1896/06/08, **Nº 079**;
Taipeh, 1897/05/19, **Nº 508**.

Clerodendrum kaempferi (Jacq.) Siebold ex Steud.: Taipeh, Toaronpon, 1896/06/13, **Nº 091**;
Koteison, 1897/04/22, **Nº 416**;
Taipeh, Keibigai, 1897/05/02, **Nº 450**.

Phyla nodiflora (L.) Greene: Taipeh, 1897/05/15, **Nº 479**.

Vitex negundo L.: Sinchinku, Kiuko, 1896/06/27, **Nº 057**.

Vitex quinata (Lour.) F. N. Williams: Jukina, 1896/07/04, **Nº 024**.

VIOLACEAE

Viola inconspicua Blume subsp. *nagasakiensis* (W. Becker) J.C. Wang & T.C. Huang:
Mt. Chitsshinton, 1897/03/28, **Nº 288**.

VITACEAE

Ampelopsis brevipedunculata (Maxim.) Traut. var. *hancei* (Planch.) Rehder:
Taipeh, Toaronpon, 1896/07/25, **Nº 016**.

Cissus lanyuensis (C.E. Chang) F.Y. Lu: Fehsho-islet, 1897/03/13, **Nº 350**.

Tetrastigma umbellatum (Hemsl.) Nakai: Taipeh, Koteitsun, 1897/04/12, **Nº 363**.

Vitis thunbergii Siebold & Zucc. var. *taiwaniana* F.Y. Lu: Mt. Taiton, 1897/03/27, **Nº 272**.

Monocotyledons

AGAVACEAE

Dracaena angustifolia Roxb.: Antaw-islet, 1897/03/17, **Nº 391**;
Antaw-islet, 1897/03/18, **Nº 352**.

ALISMATACEAE

Sagittaria trifolia L.: Taipeh, Manca, 1897/05/22, **Nº 497**.



Taxonomic list of plants, collected by Seikihiro Yano in Taiwan in 1896–1897 (continued)

ARACEAE

- Pistia stratiotes* L.: Taipeh, Koteitsun, 1897/04/12, № 356.
Pothos chinensis (Raf.) Merr.: Taipeh, Mt. Keibi, 1897/05/02, № 454.
Typhonium blumei Nicolson & Sivadasan: Taipeh, Carah, 1897/05/19, № 491.

COMMELINACEAE

- Murdannia loriformis* (Hassk.) R. S. Rao & Kammathy: Sinchiku, 1896/06/26, № 001;
 Koteison, 1897/05/22, № 409.

CYPERACEAE

- Cyperus iria* L.: Taipeh, Carah, 1897/05/19, № 487.
Cyperus rotundus L.: Taipeh, Carah, 1897/05/15, № 475.
Cyperus sp.: Taipeh, 1897/05/15, № 490.
Fimbristylis aestivalis (Retz.) Vahl: Taipeh, 1897/05/07, № 459.

FLAGELLARIACEAE

- Flagellaria indica* L.: Fehsho-islet, 1897/03/13, № 329.

GRAMINEAE (Poaceae)

- Alopecurus myosuroides* Huds.: Taipeh, 1897/05/19, № 511.
Arundo formosana Hack.: Byoritsu, 1897/01/14, № 200.
Avena fatua L.: Taipeh, 1897/04/22, № 437.
Bambusa dolichomerithalla Hayata: Koteison, 1897/05/22, № 405b.
Bambusa oldhamii Munro: Taipeh, 1897/05/22, № 406;
 Mt. Keibi, [1897/04/22], № 422.
Bambusa pachinensis Hayata: Koteison, 1897/05/22, № 405a.
Chrysopogon aciculatus (Retz.) Trin.: Taipeh, Toaronpon, 1896/07/25, № 076.
Cynodon dactylon (L.) Pers.: Taipeh, 1897/05/15, № 484.
Echinochloa colona (L.) Link: Taipehfu, 1897/03/15, № 393.
Echinochloa crus-galli (L.) P. Beauv.: Taipeh, Manca, 1898/05/22, № 499.
Eragrostis brownii (Kunth) Nees: Sinchiku, 1896/06/26, № 003;
 Taipeh, Manca, 1897/05/22, № 495.
Lophatherum gracile Brongn.: Takarappo, 1897/01/06, № 233.
Panicum maximum Jacq.: Taipeh, Carah, 1897/05/19, № 488.
Panicum paludosum Roxb.: Taipeh, 1897/05/15, № 480.
Panicum repens L.: Taipeh, 1897/05/15, № 478.
Paspalum scrobiculatum L.: Taipehfu, 1897/03/12, № 396.
Setaria geniculata P. Brauv.: Carah, Taipeh, 1897/05/15, № 473.
Spinifex littoreus (Burm. f.) Merr.: Fehsho-islet, 1897/03/14, № 321.

HYPOXIDACEAE

- Curculigo capitulata* (Lour.) Kuntze: Fehsho-islet, 1897/03/14, № 351.

JUNCACEAE

- Juncus effusus* L. var. *decipiens* Buchenau: Taipeh, Manca, 1897/05/22, № 496.
Juncus leschenaultii J. Gay ex Laharpe: Taipehfu, 1897/05/12, № 456.

LILIACEAE

- Aletris spicata* (Thunb.) Franch.: Mt. Chitsshinton, 1897/03/28, № 295.
Dianella ensifolia (L.) DC.: Mt. Chitsshinton, 1897/03/28, № 286;
 Taipeh, Toaronpon, 1896/06/10, [s. №].



Taxonomic list of plants, collected by Seikihiro Yano in Taiwan in 1896–1897 (continued)

Polygonatum alte-lobatum Hayata: Mt. Chitsshinton, 1897/03/27, № 392.

Tricyrtis formosana Baker: Bioritsu, 1897/01/15, № 210.

MARANTHACEAE

Donax canniformis (Forst. f.) K. Schum.: Antaw-islet, 1897/03/17, № 314.

ORCHIDACEAE

Herminium lanceum (Thunb. ex Sm.) Vuijk: Mt. Keibi, 1897/04/22, № 444.

Zeuxine strateumatica (L.) Schltr.: Byoritsu, 1897/01/15, № 211.

PALMAE (Arecaceae)

Calamus beccarii A. J. Hend.: Mt. Keibi, 1897/04/22, № 428;

Taipeh, Keibigai, 1897/05/02, № 453.

PHYLYDRACEAE

Philydrum lanuginosum Banks & Sol.: Taipeh, Tosien, 1896/06/24, № 013.

XIRIDACEAE

Xyris formosana Hayata: Soatawyahtun, 1897/01/13, № 212.

The S. Yano's collection kept in LE had been determined only partially. It has recently brought attention to the scientists of the National Museum of Natural Science in Taichung Taiwan more than 100 year later, and the third author (TYAY) initiated to study this original and one of the oldest collection from Taiwan. We spent nearly three years and identified almost all specimens deposited at LE and certainly, not all of specimens were determined by three of us but also by some other taxonomists in Taiwan. Some duplicates and specimen images were sent back to Taiwan to others taxonomists for identification, especially ferns and monocotyledons. Among those unknown species, one has been identified as *Lysimachia candida* Lindl., and was considered to be an extinct species and also a new record in Taiwan (Yang et al., 2012).

S. Yano's collection played an important part in the early botanical exploration of Taiwan. The information of his collections could be used to develop a view of past flora and vegetation communities at low altitude areas in Taiwan. Furthermore, Yano's specimens also included the first botanical collections from Lanyu and Ludao, two islets off the southeastern coast of Taiwan Island.

During the joint project, specimens of S. Yano's collection were identified and photographed. Images are available on the websites of Komarov Botanical Institute of the Russian Academy of Science: www.binran.ru and the Taiwan National Museum of Natural Sciences http://digimuse.nmns.edu.tw/Default.aspx?tabid=394&blist=list_YL&Domin=b&Field=v1&ContentType=Knowledge&FieldName=&ObjectId=&Language=ENG).

Totally we have found 318 taxa of ferns, gymnosperms and angiosperms in 1,429 specimens. Determinations of specimens were made according to

“Flora of Taiwan, 2nd ed.” (T.C. Huang, 1994–2003). Duplicates were selected and sent to the Herbarium of the National Museum of Natural Sciences (TNM) and are listed in appendix 2. This article provides a list of taxa collected by Seikihiro Yano with the information of collection localities, dates of collection and collection numbers (order of numbers does not always correspond to the dates of collection; some specimens have no numbers, while some different specimens have the same collection numbers). The list of specimens is given according to divisions of vascular plants, within the divisions and subdivisions - according to alphabetical order. We also arrange the list following Yano's collection numbers (appendix 2).

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存放在科馬洛夫植物研究所植物標本館矢野勢吉郎於 1896–1897 採自臺灣的標本檢視研究

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摘要：本文是記錄蒐藏於聖彼得堡俄羅斯科學院科馬洛夫植物研究所植物標本館（LE）一批由日籍植物採集者矢野勢吉郎（S. Yano），在1896–1897年間採自臺灣400餘號共計千餘份植物標本，本批維管束植物標本（蕨類植物、裸子植物及被子植物）經鑑定後計318分類群，除了可提供臺灣早期植物調查資訊外，亦可以略窺該時段城市周遭物種及低海拔植被相，同時也確定蘭嶼、綠島最早之植物採集始自於矢野氏。

關鍵詞：矢野勢吉郎、1896–1897、福爾摩沙、臺灣。



Appendix 1. Localities in the labels and current names using today.

Locality on the label	Chinese name	English current name/notes
Antaw-islet	台東，蘭嶼(紅頭嶼)	Island Lanyu, Taitung
Bioritsu	苗栗	Miaoli
Byoritsu	苗栗	Miaoli
Chuko	新竹，中港	Zhunggang, Hsinchu
Chuko, Shinehiku	新竹，中港	Zhunggang, Hsinchu
Cult.	栽植	Cultivated
Cultivated	栽植	Cultivated
Fesho-islet	台東，綠島(火燒嶼)	Island Ludao, Taitung
Fooshionchu	台北，蘆洲(和尚庄)	Luzhou, Taipei
Hongzan, Sinchiku	新竹，鳳山	Fengshan, Hsinchu
Hyonzan	新竹，鳳山	Fengshan, Hsinchu
Jukina	新竹，竿蓁林	Ganjenlin, Hsinchu
Jukina, Sinchiku	新竹，竿蓁林	Ganjenlin, Hsinchu
Karah	台北，雙園(伽蚋)	Shuangyuan, Taipei
Keelon	基隆	Keelung
Keibigai	台北，景美(景美街)	Jingmei, Taipei
Keibizan	台北，仙跡岩(景美山)	Xianjiyan, Taipei
Kiuko, Sinchiku	新竹，舊港(竹塹港)	Chiugang, Hsinchu
Konka	新北市，萬里(崁腳)	Wanli, New Taipei
Kotaisho	台北，古亭(古亭庄)	Guting, Taipei
Koteisan	台北，古亭(古亭庄)	Guting, Taipei
Koteisho	台北，古亭(古亭庄)	Guting, Taipei
Koteison	台北，古亭(古亭庄)	Guting, Taipei
Koteitsho	台北，古亭(古亭庄)	Guting, Taipei
Manca	台北，萬華(艋舺)	Wanhua, Taipei
Mount Keibi	台北，仙跡岩(景美山)	Xianjiyan, Taipei
Mount. Sikiu	基隆，獅球嶺	Shihciouling, Keelung
Mt. Chitsshinton	台北，七星山(七星墩山)	Mt. Qixingshan, Taipei
Mt. Keibi	台北，仙跡岩(景美山)	Xianjiyan, Taipei
Mt. Shabo	台北，紗帽山	Mt. Shamaoshan, Taipei
Mt. Taiton	台北，大屯山	Mt. Datunshan, Taipei
Pachina	台北，士林(八芝蘭)	Shihlin, Taipei
Pehto	台北，北投	Beitou, Taipei
Petow	台北，北投	Beitou, Taipei
Shinchiku	新竹	Hsinchu
Sinchiku	新竹	Hsinchu
Sinchiku, Hongzang	新竹，鳳山	Fengshan, Hsinchu
Sinchiku, Kiuko	新竹，舊港(竹塹港)	Chiugang, Hsinchu
Sinchinku, Kiuko	新竹，舊港(竹塹港)	Chiugang, Hsinchu



Appendix 1. Localities in the labels and current names using today (continued).

Locality on the label	Chinese name	English current name/notes
Soatavyahtun	苗栗，山頭仔庄	Miaoli
Soatawyahtsun	苗栗，山頭仔庄	Miaoli
Sou-taw-yah-tsun	苗栗，山頭仔庄	Miaoli
Taipah	台北	Taipei
Taipeh, Carah	台北，雙園(伽納)	Shuangyuan, Taipei
Taipeh, Fooshionchu	台北，蘆洲(和尚庄)	Luzhou, Taipei
Taipeh, Hoshonchu	台北，蘆洲(和尚庄)	Luzhou, Taipei
Taipeh, Karah	台北，雙園(伽納)	Shuangyuan, Taipei
Taipeh, Keibigai	台北，景美(景美街)	Jingmei, Taipei
Taipeh, Kokanton	台北，公館	Gongguan, Taipei
Taipeh, Konkan	台北，公館	Gongguan, Taipei
Taipeh, Koteisho	台北，古亭(古亭庄)	Guting, Taipei
Taipeh, Koteitson	台北，古亭(古亭庄)	Guting, Taipei
Taipeh, Koteitsun	台北，古亭(古亭庄)	Guting, Taipei
Taipeh, Manca	台北，萬華(艋舺)	Wanhua, Taipei
Taipeh, Manka	台北，萬華(艋舺)	Wanhua, Taipei
Taipeh, Pachina	台北，士林(八芝蘭)	Shihlin, Taipei
Taipeh, Shintengai	新北市，新店(新店街)	Hsintien, New Taipei
Taipeh, Takarappo	台北(大加蚋堡)	Taipei
Taipeh, Toarongpon	台北，大龍峒(大浪泵)	Dalongdong, Taipei
Taipeh, Toaronpon	台北，大龍峒(大浪泵)	Dalongdong, Taipei
Taipeh, Toatonswan	台北，大屯山	Mt. Datunshan, Taipei
Taipeh, Tosien	新北市，土城	Tuchen, New Taipei
Taipehfu	台北	Taipei
Takarappo	台北(大加蚋堡)	Taipei
Tamsui	新北市，淡水	Danshui, New Taipei
Toaronpon	台北，大龍峒(大浪泵)	Dalongdong, Taipei
Toatonswan	台北，大屯山	Mt. Datunshan, Taipei
Tosien	新北市，土城	Tuchen, New Taipei



Appendix 2. The checklist of S. Yano's collections in Taiwan in 1896–1897 (in collection numbers).

Taxon	No.	Locality	Date
<i>Murdannia loriformis</i> (Hassk.) R.S. Rao & Kammathy	001	Sinchiku	1896/06/26
<i>Solanum erianthum</i> D. Don	002	Sinchiku	1896/06/26
<i>Eragrostis brownii</i> (Kunth) Nees	003	Sinchiku	1896/06/26
<i>Mallotus repandus</i> (Willd.) Muell.-Arg.	006	Sinchiku	1896/06/26
<i>Clematis grata</i> Wall.	007	Sinchiku	1896/06/26
<i>Berchemia lineata</i> (L.) DC.	008	Sinchiku	1896/06/26
<i>Torilis japonica</i> (Houtt.) DC.	009	Kiuko, Sinchiku	1896/06/27
<i>Sida acuta</i> Burm. f.	010	Sinchiku	1896/06/29
<i>Urena lobata</i> L.	011	Sinchiku	1896/06/29
<i>Elephantopus mollis</i> Kunth	012	Sinchiku	1896/06/29
<i>Philydrum lanuginosum</i> Banks & Sol.	013	Taipeh, Tosien	1896/06/24
<i>Oenanthe pterocaulon</i> T.S. Liu, C.Y. Chao & T.I. Chuang	014	Sinchiku	1896/06/29
<i>Sphenoclea zeylanica</i> Gaertn.	015	Sinchiku	1896/06/30
<i>Ampelopsis brevipedunculata</i> (Maxim.) Traut. var. <i>hancei</i> (Planch.) Rehder	016	Taipeh, Toaronpon	1896/07/25
<i>Microlepia strigosa</i> (Thunb.) Presl	017	Taipeh, Toaronpon	1897/07/25
<i>Photinia serratifolia</i> (Desf.) Kalkman	018	Toaronpon, Taipeh	1896/07/25
<i>Amaranthus viridis</i> L.	019	Taipeh, Toaronpon	1896/07/25
<i>Cardiospermum halicacabum</i> L.	020	Taipeh, Toaronpon	1896/07/25
<i>Pteris fauriei</i> Hieron.	021	Taipeh, Toaronpon	1896/07/25
<i>Clematis grata</i> Wall.	022	Taipeh, Toaronpon	1896/07/25
<i>Ficus erecta</i> Thunb. var. <i>beeheyana</i> (Hook. & Arn.) King	023	Pehto, Taipeh	1896/07/25
<i>Vitex quinata</i> (Lour.) F. N. Williams	024	Jukina	1896/07/04
<i>Diospyros eriantha</i> Champ. ex Benth.	025	Jukina	1896/07/04
<i>Styrax suberifolia</i> Hook. & Arn.	026	Jukina	1896/07/04
<i>Mallotus philippensis</i> (Lam.) Muell.-Arg.	027	Jukina	1896/07/04
<i>Cynoglossum lanceolatum</i> Forssk.	028	Sinchiku	1896/06/28
<i>Psychotria serpens</i> L.	029	Taipeh, Toatonswan	1896/06/08
<i>Asplenium nidus</i> L.	030	Taipeh, Toaronpon	1896/07/25
<i>Nephrolepis biserrata</i> (Sw.) Schott.	032	Taipeh, Toaronpon	1896/06/05
<i>Ficus erecta</i> Thunb. var. <i>beeheyana</i> (Hook. & Arn.) King	032	Toaronpon, Taipeh	1896/06/05
<i>Bridelia balansae</i> Tutch.	033	Taipeh, Toaronpon	1896/06/06
<i>Mallotus repandus</i> (Willd.) Muell.-Arg.	034	Taipeh, Pehto	1896/06/07
<i>Ipomoea cairica</i> (L.) Sweet	035	Taipeh, Manka	1896/06/10
<i>Cephalanthus naucleoides</i> DC.	036	Taipeh	1897/06/10
<i>Euphoria longana</i> Lam.	037	Taipeh, Pehto	1896/06/08
<i>Psychotria rubra</i> (Lour.) Poir.	038	Taipeh, Pehto	1896/06/08
<i>Callicarpa formosana</i> Rolfe	039	Taipeh, Pehto	1896/06/08
<i>Pluchea indica</i> (L.) Less.	040	Fooshionchu, Taipeh	1896/06/07
<i>Chamaesyce hirta</i> (L.) Millsp.	041	Fooshionchu	1896/06/07
<i>Acacia confusa</i> Merr.	042	Taipeh, Fooshionchu	1896/06/07
<i>Lagerstroemia subcostata</i> Koehne	043	Taipeh, Pehto	1896/06/07
<i>Epipremnum pinnatum</i> (L.) Engl. ex Engl. & Kraus	044	Jukina	1896/07/03



Appendix 2. The checklist of S. Yano's collections in Taiwan in 1896–1897 (in collection numbers) (continued).

Taxon	No.	Locality	Date
<i>Blechnum orientale</i> L.	045	Taipeh, Pehto	1896/06/07
<i>Microlepia speluncae</i> (L.) T. Moore	046	Taipeh, Pehto	1896/06/07
<i>Callerya reticulata</i> (Benth.) Schot	047	Taipeh, Pehto	1896/06/07
<i>Psychotria serpens</i> L.	048	Taipeh, Pehto	1896/06/07
<i>Dodonaea viscosa</i> (L.) Jacq.	049	Taipeh, Pehto	1896/06/07
<i>Glochidion zeylanicum</i> (Gaertn.) A. Juss.	050	Pehto, Taipeh	1896/06/07
<i>Pronephrium triphyllum</i> (Sw.) Holtt.	051	Taipeh, Pehto	1896/05/31
<i>Cocculus orbiculatus</i> (L.) DC.	051	Taipeh, Pehto	1896/06/31
<i>Lindsaea orbiculata</i> (Lam.) Mett. ex Kuhn	052	Taipeh, Pehto	1896/06/31
<i>Pronephrium triphyllum</i> (Sw.) Holtt.	052	Taipeh, Pehto	1896/06/07
<i>Clerodendrum canescens</i> Wall. ex Walpers	053	Taipeh, Toaronpon	1896/05/31
<i>Diospyros eriantha</i> Champ. ex Benth.	054	Jukina	1896/07/04
<i>Torenia concolor</i> Lindl.	055	Jukina	1896/07/04
<i>Bacopa monnieri</i> (L.) Wettst.	056	Sinchiku, Kiuko	1896/06/29
<i>Vitex negundo</i> L.	057	Sinchinku, Kiuko	1896/06/27
<i>Melilotus indicus</i> (L.) All.	059	Tooshinonchu, Taipeh	1896/06/07
<i>Gymnema sylvestre</i> (Retz.) Schultes	060	Hongzan, Sinchiku	1896/06/29
<i>Epaltes australis</i> Less.	061	Hongzang, Sinchiku	1896/06/29
<i>Hibiscus rosa-sinensis</i> L.	062	Sinchiku	1896/06/28
<i>Conyza aegyptiaca</i> (L.) Aiton	063	Sinchiku	1896/06/28
<i>Hibiscus tiliaceus</i> L.	064	Sinchiku	1896/06/28
<i>Ardisia sieboldii</i> Miq.	065	Taipeh, Fooshionchu	1896/06/08
<i>Asclepias curassavica</i> L.	067	Jukina Sinchiku	1896/07/03
<i>Ageratum houstonianum</i> Mill.	069	Taipeh	1896/07/27
<i>Paliurus ramosissimus</i> (Lour.) Poir.	070	Taipeh, Pehto	1896/06/07
<i>Lasianthus fordii</i> Hance	071	Keelon	1896/07/10
<i>Saurauia tristyla</i> DC. var. <i>oldhamii</i> (Hemsl.) Finet & Gagnep.	072	Keelon, Mount. Sikiu	1896/07/10
<i>Chamaesyce thymifolia</i> (L.) Millsp.	073	Taipeh, Toaronpon	1896/07/25
<i>Desmodium triflorum</i> (L.) DC.	074	Taipeh, Toaronpon	1896/07/25
<i>Melilotus indicus</i> (L.) All.	075	Sinchiku	1896/07/01
<i>Chrysopogon aciculatus</i> (Retz.) Trin.	076	Taipeh, Toaronpon	1896/07/25
<i>Clerodendrum inerme</i> (L.) Gaertn.	079	Taipeh, Toaronpon	1896/06/08
<i>Cocculus orbiculatus</i> (L.) DC.	080	Taipeh, Pehto	1896/06/09
<i>Breynia officinalis</i> Hemsl.	081	Taipeh, Toaronpon	1896/06/08
<i>Sapium sebiferum</i> (L.) Roxb.	082	Taipeh, Pachina	1896/06/08
<i>Acacia confusa</i> Merr.	083	Taipeh	1896/06/10
<i>Rhodomyrtus tomentosa</i> (Aiton) Hassk.	084	Taipeh, Toaronpon	1896/06/13
<i>Actinostemma tenerum</i> Griff.	085	Koteisho	1897/03/12
<i>Melastoma candidum</i> D. Don	085a	Taipeh, Pehto	1896/06/8
<i>Melastoma candidum</i> D. Don	085b	Taipeh, Pehto	1896/06/13
<i>Drymaria diandra</i> Bl.	086	Jukina	1896/07/02
<i>Elephantopus mollis</i> Kunth	087	Taipeh, Toaronpon	1896/06/13



Appendix 2. The checklist of S. Yano's collections in Taiwan in 1896–1897 (in collection numbers) (continued).

Taxon	No.	Locality	Date
<i>Vernonia patula</i> (Dryand.) Merr.	088	Taipeh, Manka	1896/06/10
<i>Breynia officinalis</i> Hemsl.	089	Taipeh, Toaronpon	1896/06/13
<i>Sapium sebiferum</i> (L.) Roxb.	090	Taipeh, Pachina	1896/06/08
<i>Clerodendrum kaempferi</i> (Jacq.) Siebold ex Steud.	091	Taipeh, Toaronpon	1896/06/13
<i>Boehmeria wattersii</i> (Hance) B.L. Shih & Yuan-P. Yang	092	Taipeh, Toaronpon	1896/06/13
<i>Callerya reticulata</i> (Benth.) Schot	093	Toaronpon, Taipeh	1896/06/07
<i>Helicteres augustifolia</i> L.	094	Mount. Taiton	1896/06/08
<i>Wikstroemia indica</i> (L.) C. A. Mey.	095	Mount. Taiton	1896/06/08
<i>Trema orientalis</i> (L.) Blume	096	Mount. Taiton	1896/06/08
<i>Rotala rotundifolia</i> (Wallich ex Roxb.) Koehne	097	Taipeh, Pehto	1896/06/08
<i>Vernonia cinerea</i> (L.) Less.	098	Taipeh	1896/07/28
<i>Xanthium strumarium</i> L.	099	Taipeh	1896/07/27
<i>Blumea hieracifolia</i> (D. Don) DC.	100	Taipeh	1896/07/26
<i>Blumea hieracifolia</i> (D. Don) DC.	100	Taipeh	1896/07/27
<i>Blumea lacera</i> (Burm. f.) DC.	101	Taipeh	1896/07/27
<i>Chenopodium ambrosioides</i> L.	102	Taipeh	1896/07/27
<i>Mollugo stricta</i> L.	103	Taipeh, Toaronpon	1896/07/27
<i>Centipeda minima</i> (L.) A. Braun & Ascherson	104	Toaronpon, Taipeh	1896/07/27
<i>Polygonum plebeium</i> R. Brown	105	Toaronpon, Taipeh	1896/07/27
<i>Flueggea virosa</i> (Roxb. ex Willd.) Voigt	106	Taipeh	1896/07/26
<i>Glochidion zeylanicum</i> (Gaertn.) A. Juss.	107	Taipeh, Pehto	1896/06/07
<i>Alternanthera sessilis</i> (L.) R. Brown	108	Taipeh	1896/07/26
<i>Eupatorium formosanum</i> Hayata	109	Taipeh	1896/07/25
<i>Sambucus chinensis</i> Lindl.	110	Taipeh	1896/07/26
<i>Arundo formosana</i> Hack.	200	Byoritsu	1897/01/14
<i>Polygonum glabrum</i> Willd.	201	Taipeh, Takarappo	1897/01/04
<i>Lycopersicon esculentum</i> Mill.	202	Taipeh, Takarappo	1897/01/04
<i>Basella alba</i> L.	203	Taipeh, Takarappo	1897/01/04
<i>Ophioglossum thermale</i> Komarov	204	Soatawyahtsun	1897/01/13
<i>Drosera indica</i> L.	205	Sou-taw-yah-tsun	1897/01/13
<i>Asplenium nidus</i> L.	206	Taipeh, Toaronpon	1897/02/12
<i>Rhamnus formosana</i> Matsum.	207	Byoritsu	1897/01/14
<i>Ipomoea nil</i> (L.) Roth.	208	Byoritsu	1897/01/14
<i>Mussaenda pubescens</i> W.T. Aiton	209	Byoritsu	1897/01/15
<i>Tricyrtis formosana</i> Baker	210	Bioritsu	1897/01/15
<i>Zeuxine strateumatica</i> (L.) Schltr.	211	Byoritsu	1897/01/15
<i>Xyris formosana</i> Hayata	212	Soatavyahtun	1897/01/13
<i>Ficus superba</i> (Miq.) Miq. var. <i>japonica</i> Miq.	213	Taipeh	1897/01/05
<i>Spiraea prunifolia</i> Siebold & Zucc. var. <i>pseudoprunifolia</i> (Hayata) H.L. Li	214	Byoritsu	1897/07/14
<i>Plumbago zeylanica</i> L.	215	Bioritsu	1897/01/15
<i>Indigofera hirsuta</i> L.	216	Chuko, Shinchiku	1897/01/13
<i>Daphne genkwa</i> Siebold & Zucc.	217	Byoritsu	1897/01/15


Appendix 2. The checklist of S. Yano's collections in Taiwan in 1896–1897 (in collection numbers) (continued).

Taxon	No.	Locality	Date
<i>Waltheria americana</i> L.	218	Taipeh	1897/01/10
<i>Anagalis arvensis</i> L.	219	Chuko	1897/01/15
<i>Xenostegia tridentata</i> (L.) D. F. Austin & Staples	220	Hyonzan	1897/01/13
<i>Bougainvillea spectabilis</i> Willd.	221	Taipeh	1897/01/30
<i>Trema orientalis</i> (L.) Blume	222	Taipeh, Toaronpon	1897/01/10
<i>Scutellaria barbata</i> D. Don	223	Byoritsu	1897/01/15
<i>Eupatorium formosanum</i> Hayata	224	Taipeh	1896/12/25
<i>Evolvulus alsinoides</i> (L.) L.	225	Hyonzan	1897/05/02
<i>Zehneria mucronata</i> (Blume) Miq.	226	Taipeh	1897/01/10
<i>Cyclosorus parasiticus</i> (L.) Farw.	227	Taipeh	1897/01/15
<i>Lygodium japonicum</i> (Thunb.) Sw.	228	Taipeh	1897/01/25
<i>Polygonum chinense</i> L.	229	Taipeh	1897/01/06
<i>Justicia gendarussa</i> Brum. f.	230	Taipeh	1897/01/06
<i>Cotula hemisphaerica</i> Wall. ex Benth. & Hook.	231	Taipeh, Takarappo	1897/01/06
<i>Drymaria diandra</i> Bl.	232	Takarappo	1897/01/06
<i>Setaria palmifolia</i> (J. König) Stapf.	233	Takarappo	1897/01/06
<i>Dichrocephala integrifolia</i> (L. f.) Kuntze	234	Takarappo	1897/01/06
<i>Salix warburgii</i> O. Seemen	235	Taipeh	1897/01/30
<i>Boehmeria densiflora</i> Hook. & Arn.	236	Taipeh	1897/01/30
<i>Bryophyllum pinnatum</i> (Lam.) Kurz	237	Toaronpon	1897/02/23
<i>Pilea peploides</i> (Gaudich.) Hook. & Arn.	238	Taipeh	1897/02/05
<i>Lemmaphyllum microphyllum</i> Presl	239	Taipeh, Toaronpon	1897/01/30
<i>Tetrapanax papyriferus</i> (Hook.) K. Koch	240	Byoritsu	1897/01/16
<i>Gnaphalium luteoalbum</i> L. subsp. <i>affine</i> (D. Don) Koster	241	Taipeh	1897/01/30
<i>Solanum violaceum</i> Ortega	242	Taipeh	1897/06/30
<i>Bidens pilosa</i> L.	243	Taipeh	1897/01/30
<i>Bauhinia championii</i> (Benth.) Benth.	244	Byoritsu	1897/01/16
<i>Codonacanthus pauciflorus</i> (Nees) Nees	245	Byoritsu	1897/01/16
<i>Ophiorrhiza japonica</i> Blume	246	Byoritsu	1897/01/16
<i>Drynaria fortunei</i> (Kunze) J. Sm.	247	Byoritsu	1897/01/16
<i>Solanum nigrum</i> L.	248	Takarappo, Taipeh	1897/01/30
<i>Caryopteris incana</i> (Thunb. ex Houtt.) Miq.	249	Hyonzan	1897/01/16
<i>Lycianthes biflora</i> (Lour.) Bitter	250	Taipeh, Takarappo	1897/01/30
<i>Ipomoea cairica</i> (L.) Sweet	251	Shinchiku	1897/01/13
<i>Rorippa cantoniensis</i> (Lour.) Ohwi	252	Taipeh	1897/01/31
<i>Glochidion zeylanicum</i> (Gaertn.) A. Juss.	253	Taipeh, Takarappo	1897/01/31
<i>Ilex asprella</i> (Hook. & Arn.) Champ.	254	M.T. Taiton	1897/03/28
<i>Buddleja asiatica</i> Lour.	255	Taipeh, Hoshonchu	1897/03/29
<i>Polygonum lanatum</i> Roxb.	256a	Taipeh, Hoshonchu	1897/03/23
<i>Polygonum lapathifolium</i> L.	256b	Taipeh, Hoshonchu	1897/03/23
<i>Anagalis arvensis</i> L.	257	Taipeh, Hoshonchu	1897/03/23
<i>Indigofera suffruticosa</i> Mill.	258	Cult.	1897/03/25
<i>Callicarpa formosana</i> Rolfe	259	Mt. Taiton(大屯山)	1897/03/27



Appendix 2. The checklist of S. Yano's collections in Taiwan in 1896–1897 (in collection numbers) (continued).

Taxon	No.	Locality	Date
<i>Maesa perlaria</i> (Lour.) Merr. var. <i>formosana</i> (Mez) Yuen-P. Yang	261	Mt. Taiton (大屯山)	1897/03/27
<i>Liquidambar formosana</i> Hance	262	Mt. Chitsshinton	1897/03/27
<i>Cyathea lepifera</i> (J. Sm. ex Hook.) Copel.	263	Mt. Chitsshinton (七星墩)	1897/03/27
<i>Cibotium barometz</i> (L.) J. Sm.	264	Mt. Taiton (大屯山)	1897/03/27
<i>Myrica rubra</i> (Lour.) Siebold & Zucc.	265	Mt. Taiton (大屯山)	1897/03/27
<i>Hydrangea chinensis</i> Maxim.	266	Mt. Shabo	1897/03/19
<i>Oreocnide pedunculata</i> (Shirai) Masam.	267	Mt. Taiton	1897/03/28
<i>Selaginella doederleinii</i> Hieron.	268	Mt. Chitsshinton (七星墩)	1897/03/27
<i>Vittaria anguste-elongata</i> Hayata	269	Mt. Taiton (大屯山)	1897/03/27
<i>Dictyocline griffithii</i> Moore	270	Mt. Chitsshinton (七星墩)	1897/03/27
<i>Lindsaea orbiculata</i> (Lam.) Mett. ex Kuhn	271	Mt. Taiton (大屯山)	1897/03/27
<i>Vitis thunbergii</i> Siebold & Zucc. var. <i>taiwaniana</i> F.Y. Lu	272	Mt. Taiton (大屯山)	1897/03/27
<i>Monachosorum henryi</i> Christ	274	Mt. Chitsshinton	1897/03/27
<i>Debregeasia orientalis</i> C.J. Chen	275	Mt. Chitsshinton (七星墩山)	1897/03/27
<i>Pinus massoniana</i> Lamb.	276	Mt. Chitsshinton	1897/03/27
<i>Acacia confusa</i> Merr.	277	Petow	1897/03/28
<i>Elaeagnus glabra</i> Thunb.	278	Mt. Chitsshinton (七星墩)	1897/03/27
<i>Bischofia javanica</i> Blume	279	Mt. Chitsshinton (七星墩)	1897/03/27
<i>Trochodendron aralioides</i> Siebold & Zucc.	280	Mt. Chitsshinton (七星墩)	1897/03/27
<i>Leonurus japonicus</i> Houtt.	281	Taipeh	1897/03/24
<i>Broussonetia papyrifera</i> (L.) L'Herit. ex Vent.	282	Taipeh	1897/03/24
<i>Syzygium jambos</i> (L.) Alston	283	Cult.	1897/04/02
<i>Scolopia oldhamii</i> Hance	284	Mt. Taiton (大屯山)	1897/03/28
<i>Dyosma pleiantha</i> (Hance) Woodson	285	Mt. Chitsshinton (七星墩)	1897/03/28
<i>Dianella ensifolia</i> (L.) DC.	286	Mt. Chitsshinton (七星墩)	1897/03/28
<i>Viola inconspicua</i> Blume subsp. <i>nagasakiensis</i> (W. Becker) J.C. Wang & T.C. Huang	288	Mt. Chitsshinton (七星墩)	1897/03/28
<i>Nephrolepis cordifolia</i> (L.) C. Presl	289	Mt. Chitsshinton	1897/03/28
<i>Symplocos chinensis</i> (Lour.) Druce	290	Mt. Taiton (大屯山)	1897/03/28
<i>Myrica rubra</i> (Lour.) Siebold & Zucc.	291	Mt. Chitsshinton (七星墩)	1897/03/28
<i>Lindera megaphylla</i> Hemsl.	293	Mt. Chitsshinton (七星墩)	1897/03/28
<i>Lyonia ovalifolia</i> (Wall.) Drude	294	Mt. Taiton (大屯山)	1897/03/28
<i>Aletris spicata</i> (Thunb.) Franch.	295	Mt. Chitsshinton (七星墩)	1897/03/28
<i>Asarum taitonense</i> Hayata	297	Mt. Chitsshinton (七星墩)	1897/03/28
<i>Rubus corchorifolius</i> L. f.	298	Mt. Chitsshinton	1897/03/28


Appendix 2. The checklist of S. Yano's collections in Taiwan in 1896–1897 (in collection numbers) (continued).

Taxon	No.	Locality	Date
<i>Drosera spathulata</i> Lab.	299	Mt. Chitsshinton	1897/03/28
<i>Celtis sinensis</i> Personn	300	Taipeh	1897/03/25
<i>Cephalomanes laciniatum</i> (Roxb.) DeVol	301	Fehsho-islet (火燒嶼)	1897/03/14
<i>Cleome viscosa</i> L.	302	Fehsho-islet	1897/03/14
<i>Maesa lanyuensis</i> Yuen-P. Yang	303	Fehsho-islet (火燒嶼)	1897/03/14
<i>Parsonia laevigata</i> (Moon) Alston	304	Fehsho-islet (火燒嶼)	1897/03/14
<i>Hydrangea angustipetala</i> Hayata	305	Fehsho-islet (火燒嶼)	1897/03/14
<i>Selaginella delicatula</i> (Desv.) Alston	306	Antaw-islet (紅頭嶼)	1897/03/17
<i>Ficus irisana</i> Elmer	308	Antaw-islet (紅頭嶼)	1897/03/17
<i>Barringtonia asiatica</i> (L.) Kurz	309	Antaw-islet	1897/03/17
<i>Celtis philippensis</i> Blanco	310	Antaw-islet	1897/03/17
<i>Rhynchotechum discolor</i> (Maxim.) Burt	312	Fehsho-islet (火燒嶼)	1897/03/13
<i>Solanum lasiocarpum</i> Dunal	313	Fehsho-islet (火燒嶼)	1897/03/13
<i>Donax canniiformis</i> (Forst. f.) K. Schum.	314	Antaw-islet	1897/03/17
<i>Heliotropium indicum</i> L.	315	Fehsho-islet (火燒嶼)	1897/03/13
<i>Abutilon indicum</i> (L.) Sweet var. <i>indicum</i>	316	Fehsho-islet	1897/03/13
<i>Abutilon indicum</i> (L.) Sweet var. <i>guineense</i> (Schumach.) K. M. Feng	317	Antaw-islet	1897/03/17
<i>Astronia formosana</i> Kanehira	318	Fehsho-islet	1897/03/14
<i>Murraya paniculata</i> (L.) Jack. var. <i>omphalocarpa</i> (Hayata) Swingle	320	Fehsho-islet (火燒嶼)	1897/03/13
<i>Spinifex littoreus</i> (Burm. f.) Merr.	321	Fehsho-islet (火燒嶼)	1897/03/13
<i>Androsace umbellata</i> (Lour.) Merr.	322	Fehsho-islet (火燒嶼)	1897/03/13
<i>Chamaesyce sparrmannii</i> (Boiss.) Hurusawa	323	Antaw-islet (紅頭嶼)	1897/03/18
<i>Gynura elliptica</i> Yabe & Hayata	324	Antaw-islet	1897/03/18
<i>Melanolepis multiglandulosa</i> (Reinw.) Reich. f. & Zoll.	325	Antaw-islet	1897/03/18
<i>Crossostephium chinense</i> (L.) Makino	326	Antaw-islet	1897/03/18
<i>Centaurium japonicum</i> (Maxim.) Druce	327	Antaw-islet (紅頭嶼)	1897/03/17
<i>Flagellaria indica</i> L.	329	Fehsho-islet (火燒嶼)	1897/03/13
<i>Tapeinidium pinnatum</i> (Cav.) C. Chr.	330	Fehsho-islet (火燒嶼)	1897/03/13
<i>Blumea conspicua</i> Hayata	332	Fehsho-islet (火燒嶼)	1897/03/13
<i>Ficus septica</i> Burm. f.	336	Antaw-islet	1897/03/17
<i>Coronopus integrifolius</i> (DC.) Prantl	338	Fehsho-islet (火燒嶼)	1897/03/13
<i>Leucosyke quadrinervia</i> C. Robinson	339	Fehsho-islet (火燒嶼)	1897/03/13
<i>Tectaria subtriphyllo</i> (Hook. & Arn.) Copel.	342	Fehsho-islet (火燒嶼)	1897/03/13
<i>Blumea balsamifera</i> (L.) DC.	344	Fehsho-islet (火燒嶼)	1897/03/13
<i>Capparis lutoensis</i> C.E. Chang	345	Fehsho-islet (火燒嶼)	1897/03/13
<i>Morinda citrifolia</i> L.	346	Fehsho-islet (火燒嶼)	1897/03/13
<i>Lysimachia mauritiana</i> Lam.	347	Fehsho-islet (火燒嶼)	1897/03/13
<i>Capparis lanceolaris</i> DC.	348	Antaw-islet (紅頭嶼)	1897/03/17
<i>Limonium wrightii</i> (Hance) Kuntze	349	Antaw-islet (紅頭嶼)	1897/03/18



Appendix 2. The checklist of S. Yano's collections in Taiwan in 1896–1897 (in collection numbers) (continued).

Taxon	No.	Locality	Date
<i>Cissus lanyuensis</i> (C.E. Chang) F.Y. Lu	350	Fehsho-islet (火燒嶼)	1897/03/13
<i>Curculigo capitulata</i> (Lour.) Kuntze	351	Fehsho-islet	1897/03/14
<i>Dracaena angustifolia</i> Roxb.	352	Antaw-islet	1897/03/18
<i>Pemphis acidula</i> J.R. & G. Forst.	353	Antaw-islet	1897/03/18
<i>Nephrolepis biserrata</i> (Sw.) Schott.	355	Fehsho-islet	1897/03/14
<i>Pistia stratiotes</i> L.	356	Taipeh, Koteitsun	1897/04/12
<i>Rosa laevigata</i> Michx.	357	Taipeh, Koteitsun	1897/04/12
<i>Ficus formosana</i> Maxim.	358	Taipeh, Koteitsun	1897/04/12
<i>Lycianthes biflora</i> (Lour.) Bitter	360	Taipeh, Koteitsun	1897/04/12
<i>Zanthoxylum nitidum</i> (Roxb.) DC.	361	Taipeh, Koteitsun	1897/04/14
<i>Piper kadsura</i> (Choisy) Ohwi	362	Taipeh, Koteitsun	1897/04/12
<i>Tetrastigma umbellatum</i> (Hemsl.) Nakai	363	Taipeh, Koteitsun	1897/04/12
<i>Lysimachia decurrens</i> G. Forster	364	Taipeh, Koteitsun	1897/04/12
<i>Salvia plebeia</i> R. Brown	365	Taipeh, Koteitsun	1897/04/12
<i>Hemistepta lyrata</i> (Bunge) Bunge	366	Koteitsun, Taipeh	1897/04/12
<i>Sigesbeckia orientalis</i> L.	367	Taipeh	1897/04/12
<i>Clerodendrum canescens</i> Wall. ex Walpers	368	Tamsui	1897/04/12
<i>Lysimachia candida</i> Lindl.	369	Taipeh	1897/04/12
<i>Emilia sonchifolia</i> (L.) DC. var. <i>javanica</i> (Burm. f.) Mattfeld	370	Taipeh, Koteitsun	1897/04/15
<i>Oenanthe javanica</i> (Blume) DC.	371	Taipeh	1897/04/12
<i>Centella asiatica</i> (L.) Urban	372	Taipeh	1897/04/12
<i>Dichondra micrantha</i> Urban	373	Taipeh, Koteitsun	1897/04/12
<i>Ludwigia octovalvis</i> (Jacq.) Raven	376	Taipeh, Koteitsun	1897/04/12
<i>Wedelia chinensis</i> (Osbeck) Merr.	377	Taipeh, Keibigai	1897/04/20
<i>Scutellaria barbata</i> D. Don	378	Taipeh, Koteitsun	1897/04/12
<i>Ixeris chinensis</i> (Thunb.) Nakai	379	Taipeh	1897/04/12
<i>Euphoria longana</i> Lam.	380	Cult.	1897/04/12
<i>Lindernia anagallis</i> (Burm. f.) Pennell	381	Taipeh	1897/03/12
<i>Glochidion zeylanicum</i> (Gaertn.) A. Juss.	382	Taipeh, Kotaisho	1897/03/15
<i>Stephania japonica</i> (Thunb.) Miers	383	Taipeh, Kotaisho	1897/03/15
<i>Ficus formosana</i> Maxim.	384	Taipeh, Koteisho	1897/03/15
<i>Euphoria longana</i> Lam.	386	Taipeh	1897/03/13
<i>Lonicera japonica</i> Thunb.	387	Taipeh, Koteisho	1897/03/12
<i>Zanthoxylum nitidum</i> (Roxb.) DC.	388	Koteisho	1897/03/12
<i>Elephantopus mollis</i> Kunth	389	Koteisho	1897/03/12
<i>Galactia tashiroi</i> Maxim.	391	Antaw-islet (紅頭嶼)	1897/03/17
<i>Dracaena angustifolia</i> Roxb.	391	Antaw-islet	1897/03/17
<i>Polygonatum alte-lobatum</i> Hayata	392	Mt. Chitsshinton (七星墩)	1897/03/27
<i>Echinochloa colona</i> (L.) Link	393	Taipehfu	1897/03/15
<i>Lobelia chinensis</i> Lour.	394	Taipehfu	1897/03/15
<i>Hypericum japonicum</i> Thunb. ex Murray	395	Taipehfu	1897/03/15
<i>Paspalum scrobiculatum</i> L.	396	Taipehfu	1897/03/12


Appendix 2. The checklist of S. Yano's collections in Taiwan in 1896–1897 (in collection numbers) (continued).

Taxon	No.	Locality	Date
<i>Solanum violaceum</i> Ortega	397	Taipehfu	1897/03/12
<i>Lycianthes biflora</i> (Lour.) Bitter	398	Taipeh	1897/03/12
<i>Hypericum sampsonii</i> Hance	399	Taipehfu	1897/03/12
<i>Cnidium monnieri</i> (L.) Gusson var. <i>formosanum</i> (Yabe) Kitagawa	400	Taipeh	1897/03/12
<i>Pimpinella diversifolia</i> DC.	401	Taipeh	1897/03/12
<i>Leucas chinensis</i> (Retz.) R. Brown	402	Taipeh, Koteitsun	1897/03/22
<i>Ficus virgata</i> Reinw. ex Blume	403	Taipeh, Koteison	1897/05/22
<i>Bambusa pachinensis</i> Hayata	405a	Koteison	1897/05/22
<i>Bambusa dolichomerithalla</i> Hayata	405b	Koteison	1897/05/22
<i>Bambusa oldhamii</i> Munro	406	Taipeh	1897/05/22
<i>Zehneria mucronata</i> (Blume) Miq.	407	Koteison	1897/05/22
<i>Mukia maderaspatana</i> (L.) M. J. Roem.	408	Koteison	1897/05/22
<i>Murdannia loriformis</i> (Hassk.) R.S. Rao & Kammathy	409	Koteison	1897/05/22
<i>Hypericum sampsonii</i> Hance	410	Koteison	1897/05/22
<i>Polygonum orientale</i> L.	411	Koteisho	1897/03/22
<i>Randia spinosa</i> (Thunb.) Poir.	412	Koteison	1897/05/22
<i>Ficus septica</i> Burm. f.	413	Koteison	1897/04/12
<i>Davallia mariesii</i> H.J. Veitch	414	Koteison	1897/04/22
<i>Lemmaphyllum microphyllum</i> Presl	415	Koteison	1897/04/22
<i>Clerodendrum kaempferi</i> (Jacq.) Siebold ex Steud.	416	Koteison	1897/04/22
<i>Psychotria rubra</i> (Lour.) Poir.	417	Koteison	1897/04/22
<i>Ardisia sieboldii</i> Miq.	418	Koteison	1897/04/22
<i>Ludwigia</i> × <i>taiwanensis</i> C.-I Peng	419	Taipehfu	1897/04/12
<i>Glochidion rubrum</i> Blume	420	Koteison	1897/04/22
<i>Boehmeria wattersii</i> (Hance) B.L. Shih & Yuan-P. Yang	421	Koteison	1897/04/22
<i>Bambusa oldhamii</i> Munro	422	Mount. Keibi	s.d.
<i>Vittaria anguste-elongata</i> Hayata	423	Mount Keibi	1897/04/22
<i>Mitrasacme pygmaea</i> R. Brown	424	Keibizan	1897/04/22
<i>Adiantum flabellulatum</i> L.	425	Mt. Keibi	1897/04/02
<i>Hiptage benghalensis</i> (L.) Kurz.	426	Mt. Keibi	1897/04/22
<i>Breynia officinalis</i> Hemsl.	427	Mt. Keibi	1897/04/22
<i>Calamus beccarii</i> A. J. Hend.	428	Mt. Keibi	1897/04/22
<i>Ficus virgata</i> Reinw. ex Blume	429	Koteisho	1897/04/22
<i>Symplocos chinensis</i> (Lour.) Druce	430	Taipeh, Konkan	1897/04/22
<i>Ehretia acuminata</i> R. Br.	431	Koteison	1897/04/22
<i>Rhodomyrtus tomentosa</i> (Aiton) Hassk.	432	Mt. Keibi	1897/04/22
<i>Trachelospermum gracilipes</i> Hook. f.	433	Koteison	1897/04/22
<i>Ficus caulocarpa</i> (Miq.) Miq.	434	Koteisho	1897/04/22
<i>Piper kadsura</i> (Choisy) Ohwi	435	Koteison	1897/04/22
<i>Avena fatua</i> L.	437	Taipeh	1897/04/22
<i>Macaranga tanarius</i> (L.) Muell.-Arg.	438	Mt. Keibi	1897/04/22
<i>Entada phaseoloides</i> (L.) Merr.	439	Mt. Keibi	1897/04/22



Appendix 2. The checklist of S. Yano's collections in Taiwan in 1896–1897 (in collection numbers) (continued).

Taxon	No.	Locality	Date
<i>Ecdysanthera rosea</i> Hook. & Arn.	441	Mt. Keibi	1897/04/22
<i>Herminium lanceum</i> (Thunb. ex Sm.) Vuijk	444	Mt. Keibi	1897/04/22
<i>Pseudodrynaria coronans</i> (Wall. ex Mett.) Ching	445	Taipeh, Kokanton	1897/04/22
<i>Nymphoides coreana</i> (H. Lev.) Hara	446	Mt. Keibi	1897/05/02
<i>Mikania cordata</i> (Burm. f.) B.L. Rob.	447	Mt. Keibi	1897/05/02
<i>Pittosporum pentandrum</i> (Blanco) Merr.	448	Keibigai, Taipeh	1897/05/02
<i>Randia spinosa</i> (Thunb.) Poir.	449	Taipeh, Keibigai	1897/05/02
<i>Clerodendrum kaempferi</i> (Jacq.) Siebold ex Steud.	450	Taipeh, Keibigai	1897/05/02
<i>Colysis wrightii</i> (Hook.) Ching	452	Taipeh, Keibigai	1897/05/02
<i>Calamus beccarii</i> A.J. Hend.	453	Taipeh, Keibigai (景美街)	1897/05/02
<i>Pothos chinensis</i> (Raf.) Merr.	454	Taipeh, Mount. Keibi	1897/05/02
<i>Caesalpinia crista</i> L.	455	Mt. Keibi	1897/05/02
<i>Juncus leschenaultii</i> J. Gay ex Laharpe	456	Taipehfu	1897/05/12
<i>Lindernia anagallis</i> (Burm. f.) Pennell	457	Taipeh	1897/05/07
<i>Ixeridium laevigatum</i> (Blume) J.H. Pak & Kawano	458	Taipeh	1897/05/07
<i>Fimbristylis aestivalis</i> (Retz.) Vahl	459	Taipeh	1897/05/07
<i>Lonicera japonica</i> Thunb.	460	Taipeh	1897/05/07
<i>Cordia dichotoma</i> Forst. f.	461	Taipeh	1897/05/07
<i>Gardenia jasminoides</i> Ellis	462	Taipeh	1897/05/07
<i>Saururus chinensis</i> (Lour.) Baill.	463	Taipeh	1897/05/07
<i>Ficus microcarpa</i> L. f.	464	Taipeh, Keibigai	1897/05/02
<i>Torenia concolor</i> Lindl.	465	Taipeh, Shintengai	1897/05/02
<i>Mussaenda taihokuensis</i> Masam.	466	Taipeh, Mt. Keibi	1897/05/02
<i>Trema orientalis</i> (L.) Blume	467	Taipeh, Keibigai	1897/05/02
<i>Dischidia formosana</i> Maxim.	468	Mt. Keibi	1897/05/02
<i>Basella alba</i> L.	469	Tamsui	1897/04/08
<i>Sambucus chinensis</i> Lindl.	470	Karah, Taipeh	1897/05/10
<i>Cordia dichotoma</i> Forst. f.	471	Taipeh, Manka	1897/05/15
<i>Wedelia chinensis</i> (Osbeck) Merr.	472	Taipeh	1897/05/15
<i>Setaria geniculata</i> P. Beauv.	473	Karah, Taipeh	1897/05/15
<i>Polygonum persicaria</i> L.	474	Karah, Taipeh	1897/05/15
<i>Cyperus rotundus</i> L.	475	Taipeh, Karah	1897/05/15
<i>Pterocypsela formosana</i> (Maxim.) C. Shih	476	Taipeh	1897/05/15
<i>Desmodium triflorum</i> (L.) DC.	477	Taipeh	1897/05/15
<i>Panicum repens</i> L.	478	Taipeh	1897/05/15
<i>Phyla nodiflora</i> (L.) Greene	479	Taipeh	1897/05/15
<i>Panicum paludosum</i> Roxb.	480	Taipeh	1897/05/15
<i>Amaranthus spinosus</i> L.	482	Taipeh	1897/05/15
<i>Amaranthus viridis</i> L.	483	Taipeh, Karah(伽蚋)	1897/05/15
<i>Cynodon dactylon</i> (L.) Pers.	484	Taipeh	1897/05/15
<i>Galium spurium</i> L. f. <i>vallantii</i> (DC.) R. J. Moore	485	Taipeh	1897/05/15
<i>Humulus scandens</i> (Lour.) Merr.	486	Taipeh, Carah	1897/05/19



Appendix 2. The checklist of S. Yano's collections in Taiwan in 1896–1897 (in collection numbers) (continued).

Taxon	No.	Locality	Date
<i>Cyperus iria</i> L.	487	Taipeh, Carah	1897/05/19
<i>Panicum maximum</i> Jacq.	488	Karah, Taipeh	1897/05/19
<i>Cordia dichotoma</i> Forst. f.	489	Taipeh, Carah (伽蚋)	1897/05/19
<i>Cyperus</i> sp.	490	Taipeh	1897/05/15
<i>Typhonium blumei</i> Nicolson & Sivadasan	491	Taipeh, Carah	1897/05/19
<i>Polygonum orientale</i> L.	492	Taipeh, Manca	1897/05/22
<i>Melilotus officinalis</i> (L.) Pall. subsp. <i>suaveolens</i> (Ledeb.) H. Ohashi	493	Taipeh, Manca	1897/05/22
<i>Boehmeria nivea</i> (L.) Gaudich. var. <i>tenacissima</i> (Gaudich.) Miq.	494	Cult	1897/05/19
<i>Eragrostis brownii</i> (Kunth) Nees	495	Manca, Taipeh	1897/05/22
<i>Juncus effusus</i> L. var. <i>decipiens</i> Buchenau	496	Taipeh, Manca	1897/05/22
<i>Sagittaria trifolia</i> L.	497	Taipeh, Manca	1897/05/22
<i>Nicotiana tabacum</i> L.	498	Cultivated	1898/05/22
<i>Echinochloa crus-galli</i> (L.) P. Beauv.	499	Manca, Taipeh	1897/05/22
<i>Indigofera suffruticosa</i> Mill.	500	Cult.	1897/05/17
<i>Polygonum lapathifolium</i> L.	501a	Taipeh, Carah (伽蚋)	1897/05/17
<i>Polygonum persicaria</i> L.	501b	Carah, Taipeh	1897/05/17
<i>Polygonum lapathifolium</i> L.	502	Taipeh, Carah (伽蚋)	1897/05/17
<i>Polygonum longisetum</i> De Bruyn	503	Taipeh, Carah (伽蚋)	1897/05/17
<i>Erythrina variegata</i> L.	504	Manca	1897/05/19
<i>Justicia gendarussa</i> Brum. f.	505	Taipeh, Carah	1897/05/17
<i>Gardenia jasminoides</i> Ellis	506	Cult	1897/05/19
<i>Ipomoea indica</i> (Burm. f.) Merr.	507	Taipeh, Carah (伽蚋)	1897/05/19
<i>Clerodendrum inerme</i> (L.) Gaertn.	508	Taipeh	1897/05/19
<i>Boehmeria formosana</i> Hayata	509	Taipeh, Carah	1897/05/19
<i>Deinostema violaceum</i> (Maxim.) Yamaz.	510	Taipeh	1897/05/19
<i>Alopecurus myosuroides</i> Huds.	511	Taipeh	1897/05/19
<i>Pronephrum triphyllum</i> (Sw.) Holtt.	s.n.	Taipeh, Pehto	1896/06/31
<i>Nephrolepis biserrata</i> (Sw.) Schott.	s.n.	Taipeh, Toarongpon	1896/05/31
<i>Hydrocotyle batrachium</i> Hance	s.n.	Taipeh	1897/04/12
<i>Dianella ensifolia</i> (L.) DC.	s.n.	Taipeh, Toaronpon	1896/06/10
<i>Callerya reticulata</i> (Benth.) Schot	s.n.	Pehto, Taipeh	1896/06/07