

**CONTRIBUTION TO OUR KNOWLEDGE OF THE FLORA
OF THE SOUTHERN PART OF JAPAN. II**

Genkei MASAMUNE

(Accepted for publication July 23, 1930)

40. **Athyrium reflexipinum** HAYATA, Ic. Pl. Formos. IV. p. 234 (1914).
 Nom. Jap. *Sakaba-inuwarabi*.
 Hab. Kiusiu: Ins. Yakusima circa 1600 m. alt. (Leg. G. MASAMUNE!
 July, 1928).
 Not. The species is new to the Flora of Kiusiu.
41. **Woodwardia Harlandii** HOOKER, var. **Takeoi** (HAYATA) MASAMUNE,
 nom. nov.
 Syn. *Woodwardia Takeoi* HAYATA, Ic. Pl. Formos. V. p. 348 (1915).
 Nom. Jap. *Hosoba-ohkaguma*.
 Hab. Kiusiu: Ins. Yakusima (Leg. G. MASAMUNE! July, 1928).
 Not. The species is new to the Flora of Kiusiu.
42. **Osmuda claytoniana** LINNÉ, Sp. Pl. ed. 1. p. 1066 (1753); BEDDOME,
 Hand. Ferns British Ind. p. 449 (1892); H. CHRIST, Frank. Erde p. 333
 (1897); NAKAI, in Tokyo Bot. Mag. XLI. p. 677 (1927).
 Nom. Jap. *Onizenmai*.
 Hab. Formosa: Matsumine, Tosei-gun, Taichu-shu. (Leg. G. MASAMUNE!
 Jul. 11, 1930.)
 Not. New to the Flora of Formosa.
43. **Taeniophyllum aphyllum** MAKINO, Pterid. et Phan. Jap. I. Pl. 11. (1899);
 SCHL. Orchideologiae Sino-Jap. Prodrromus p. 297 (1918); MATSUM. Ind. Pl.
 II. 1. p. 263 (1902).
 Syn. *Sarcophilus (Chiloschista)?* sp. MAKINO, in Tokyo Bot. Mag. I. p.
 75 t. X (1887).
Sarcophilus aphyllus MAKINO, id. VI. p. 48 (1892).
Cryptorchis aphylla MAKINO, id. VII. p. 118 (1893).
 Nom. Jap. *Kumo-ran*.

Hab. Formosa: Habon, Noko-gun, Taichu-shu. (Leg. G. MASAMUNE! Jul. 14, 1930.)

Not. The species is new to the Flora of Formosa.

44. **Juniperus chinensis** LINNÉ, var. **tsukusiensis** MASAMUNE, nom. nov.

Syn. *Juniperus tsukusiensis* MASAMUNE, in Tokyo Bot. Mag. XLIV. 1930, p. (50) (1930) nom. nud.

Arbuscula procumbens. Folia linearia, circa 6 mm. longa, 1 mm. lata, apice acuta, supra concava, subtus carinata. Folia squamiformia, circa 1.5 mm. longa, 1 mm. lata. Globulus globosus, circa 5 mm. in diametro. Semina 3, erecta, trigono-elliptica, 3 mm. longa, 2 mm. lata.

Nom. Jap. *Tsukusi-byakusin*.

Hab. Kinsiu: Ins. Yakusima, 1600-1900 m. (Leg. G. MASAMUNE! Jun. 26, et Jul. 26, 1928.)

Not. It is very near to the typical species, but it differs chiefly from the latter in having procumbent character of the stem.

45. **Polygala japonica** HOUTT. var. **angustifolia** KOIDZMI, *Florae Symbolae Orientali-Asiaticae* p. 8, (1930).

Nom. Jap. *Hosoba-himehagi*.

Hab. Formosa: Siki-kun, Giran. (Leg. G. MASAMUNE! Julio, 1930).

Not. The variety is new to the Flora of Formosa.

46. **Cynoglossum formosanum** NAKAI, form. **albiflorum**, MASAMUNE, form. nov.

Flores albi.

Nom. Jap. *Sirobana sima-ruriso*.

Hab. Formosa: Sikayo, Tosei-gun, Taichu-shu. (Leg. G. MASAMUNE! Jul. 9, 1930).

47. **Jasminum taiwanianum** MASAMUNE, sp. nov.

Scandens. Caulis glaber, tenuiter sulcatus. Folia 3-foliolata, petiolis 1-3 cm. longis, foliolis ovato-oblongis 2-20 cm. longis, 0.5-3 cm. latis, apice caudatis basi truncato-rotundatis, margine integris, membranaceo-chartaceis, 3-nerviis, supra impressis, subtus elevatis, petiolulis terminalibus 0.5-2 cm. longis, petiolulis lateralibus subsessilibus. Paniculae corymbosae terminales laxae, bracteis subulatis basi dilatatis circa 1 mm. longis. Calyx conico-campaulatus 2 mm. longus 2 mm. latus 5-dentatus. Corolla hypocrateriformis, tubo cylindraco-gracili 1.5-2 cm. longo 1½ mm. lato, limbo 5-partito, partibus obovato-lanceolatis circa 1 cm. longis circa 4 mm. latis, apice acuminatis basi vix contractis integris. Stamina 2, tubo corollae affixa, inclusa, filamentis circa 1 mm. longis glabris, antheris oblongo-linearibus circa 3.5 mm. longis 1 mm. latis, apice acuminatis truncato-rotundatis,

loculis 2, lateraliter et subintrorsum dehiscentibus. Ovarium glabrum, breviter cylindricum, circa 1 mm. longum, stylo filiformi circa 2 cm. longo apice 2-lobato.

Nom. Jap. *Miyama-sokci*.

Hab. Formosa: Sirasetsu, Tosei-gun, Taichu-shu, (Leg. G. MASAMUNE!).

Not. This species is near to *Jasminum Shimadai*, HAYATA, but it differs from the latter in its caudate leaves.

48. **Mazus alpinus** MASAMUNE, sp. nov.

Herba perennis, stolonifera, tenuiter hirsuta. Folia rosulata, omnia opposita, membranacea, obovato-spathulata, 2-5 cm. longa, margine dentato-serrata, apice rotundata, deorsum in petiolum alatum attenuata. Scapus gracilis, 1-2-florus. Flores roseo-purpurei, cirter 1.5 cm. longi, longiuscule et graciliter pedicellati; pedicelli circiter 1.5 cm. longi, bracteis linearibus. Calyx 0.5-1 cm. longus, usque ad medium fere aequaliter 5-lobatus, lobis ovato-lanceolatis acutis. Corolla circiter 12 mm. longa. Stamina didynama, filamentis filiformibus.

Nom. Jap. *Takane-sagigoke*.

Hab. Formosa: Sikayo-taizan, (ca. 3000 m.) Tosei-gun, Taichu-shu. (Leg. G. MASAMUNE!).

Not. The species is very near to *Mazus stolonijera*, MAK., but it differs from the latter in its more hirsute leaves.

49. **Alectorurus yedoensis** MAKINO, var. **platypetalus**, MASAMUNE, nom. nov.

Syn. *Alectorurus platypetalus*, MASAMUNE, nom. nud. Pr. Rep. Veg. Yakusima p. 53 (1929).

Flores rosei. Petala quam typica latiora.

Nom. Jap. *Yakusima-keibiran*.

Hab. Kiusiu: Ins. Yakusima, Prov. Ohsumi. (Leg. G. MASAMUNE! Aug. 1928).

50. **Tovaria formosana** (HAYATA) MASAMUNE, comb. nov.

Syn. *Smilacina formosana* HAY. Ic. Pl. Formos. IX, p. 141 (1920).

Nom. Jap. *Taiwan-yukizasa*.

Hab. Formosa: Mt. Tsugitaka, (Leg. G. MASAMUNE! Jul. 8, 1920).

51. **Bulbophyllum Makinoanum** (SCHL.) MASAMUNE, comb. nov.

Syn. *Cirrhopetalum Makinoanum*, SCHL. Orch. Sino-Jap. Prodr. p. 254 (1919).

Nom. Jap. *Sikóran*.

Hab. Kiusiu: Ins. Tanegasima et Yakusima; Liukiu: UCHINA.

(To be continued)