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Some New Plants from Mt. Taihei, Formosa.

By

Sigeyosi Suzuki.

太平山の新植物に就いて

鈴木重良

During past 2 years, I devoted myself to the study of the Vegetation of Mt. Taihei, Rato-gun, Taihoku-syu. In the course of the study, I met sometimes the plants, which are new to science or new to the flora of Formosa.

Here I describe some new plants from my rich collections, and a list of which will be published later.

1) *Hypericum taihezanense* SUSUKI, *sp. nov.*

Perennial, densely tufted, attaining about 40 cm in height, with many fine flexuous rootlets. Stem slender, densely branched;

branches ascending, slender and terete, about 1 mm in diameter, provided with two elevated lines on both sides. Leaves opposite, nearly sessile, ovate-oblong or elliptic-oblong, rounded obtuse or sometimes somewhat acute with points at the apex, cuneate or attenuate toward the base, entire or nearly entire with scattered black dots on the margin, membranaceous, provided with scattered pellucid-dots, pale green above, paler beneath, glabrous on both sides, pinnately nerved with a few elongated lateral veins, 0.6-1.5 cm long, 3-6 mm broad. Cymes few to many flowered, provided with bracts; branchlets slender, straight, smooth and glabrous, lower pair 1.5-3 cm in length, preceding pairs shorter, 0.8-1.5 cm long, the uppermost pairs very short or none; bracts leaf-like, oblong-elliptical, acutish or obtuse at the apex, sessile or nearly sessile at the base, obscurely crenate on the margin, pellucide-punctate, paler beneath, glabrous on both sides, variable in size, 0.5-1 cm in length. Flowers pedicellate, pedicels 3 mm in length. Sepals 5, connected at the base, elliptic-oblong or oblong, rounded obtuse or acute at the apex, 3-5-nerved, entire with scattered and obscure black dots on the margin, 6 mm long, about 2 mm wide. Petals 5, oblique, narrowly obovate or oblong-obovate, obtuse at the apex, provided with many prominent exerted black dots on the margin of the upper half, about 5 mm long, about 3 mm wide. Stamens triadelphous; fascicules composed of 9-11 filaments, which are slightly shorter than petal; anthers orbicular, about 0.3 mm in diameter. Ovary elliptical, 3 mm long, 4 mm broad, 3-celled; styles 3, slender, shorter than the ovary, 1.5 mm long; stigma punctiform. Seeds numerous, elliptic-oblong or oblong, mucronate at the both ends, reticulate, about 0.6 mm long, about 0.3 mm broad.

NOM. JAP. *Taiwan-ascotogiri*.

HAB. *Minamota*, Mt. Taihei (S. Suzuki! Jul. 14, 1929)

Note. This species is near to *Hypericum Makinoi* Levl., but it differs chiefly from the latter in the characteristic of petals which are longer than the sepals.

2) **Hydrangea paniculata** SIEB. in Acta Phys. Med. Acad. Caes. Leop. Carol. XIV. pt. 2 (1829) p. 691; SIEB. et ZUCC. Fl. Jap. I. (1840) p. 155, t. 61; MIQ. in Ann. Mus. Bot. Lugd. Bat. III. (1867) p. 98; FRANCH. et SAV. Enum. Pl. Jap. I. (1875) p. 150; DC. Prodr. IV. (1843) p. 666.

NOM. JAP. *Nori-utugi*.

HAB. *Taiheisan* (S. Suzuki! Aug. 3, 1928)

The species is new to the flora of Formosa.

3) **Mitchella repens** L. var. **undulata** MAK. in Tokyo Bot. Mag. XXIII (1909) p. 69.

Mitchella undulata SIEB. et ZUC. Fam. Nat. II. (1846) p. 175.

HOM. JAP. *Turu-aridoosi*.

HAB. *Taiheisan* (S. Suzuki! Aug. 7, 1928)

The genus is new to the flora of Formosa.

4) **Polygonum chinense** L. Sp. Pl. ed. 1, (1753) p. 704.

form. **gracile** SUZUKI, *form. nov.*

Stem slender, not climbing. Leaves smaller.

Sheathed stipule truncate, without foliaceous appendage at the base of the petiole.

NOM. JAP. *Hoso-turusoba*.

HAB. *Taiheisan* (S. Suzuki No. 507!, July 16, 1929; No. 486!, July 17, 1929; No. 841!, July 24, 1929; No. 842!, July 24, 1929; No. 843!, July 24, 1929; No. 844!, July 24, 1929; No. 850!, July 24, 1929)

5) **Viola diffusa** GING. var. **glabella** BOISS. in Bulletin