

CONTRIBUTION TO OUR KNOWLEDGE OF THE FLORA
OF THE SOUTHERN PART OF JAPAN. I.

by

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1). *Kudoa*, (Gentianoideae-Gentianae-Gentianinae) MASAMUNE genus nov.

Herba perennis; folia 4-verticillata. Flores solitarii terminales, sessiles, erecti, speciosi, caerulei. Calyx 6-8-partitus, segmentis plus minusve exalatis. Corolla tubulosocampanulata; lobi 6-8, patentes, contorti. Stamina 6-8 corollae tubo inserta, filamentis hinc basi dilatatis. Antherae erectae longitudinaliter dehiscentes. Ovarium uniloculare. Stylus brevis, stigma bipartitum. Capsula unilocularis bivalvis. Semina plurima, minima, compressa.

Not. I have taken *Kudoa* for the generic name of this new genus in honour of Prof. Kudo, the first collector of this interesting plant.

Kudoa yakushimensis, (MAK.) MASAMUNE, comb. nov.

Syn. *Gentiana yakushimensis*, MAK. in Tokyo Bot. Mag. Vol. XXIII. p. 252. (1909).

Herba perennis glaberrima caespitosa, caule circa 20 cm. alto, internodiis subaequilongis foliis brevioribus. Folia crassa vix petiolata dense 4-verticillata margine integera, foliis inferioris squamosis, superioris linear-lanceolatis 5-22 mm. longis circa 4 mm. latis. Flores terminales solitarii, sessiles, circa 4.5 cm. longi, caerulei. Calyx cum lobis 1.5 cm. longus, tubo obconico-campanulato, scarioso-membranaceo, lobis 6-8 linear-oblongis obtusis inaequalibus. Corolla tuboso-campanulata circa 19 mm. longa, 6-8 lobata, lobis deltoideo-ovatis acutis circa 5 mm. longis, sinibus inter lobos acutis. Stamina 6-8, tubo corollae affixa inclusa, circa 16 mm. longa, filamentis subulatis ad medium adnatis, antheris linearibus circa 8 mm. longis. Ovarium stipitatum linear-oblongum.

NOM. JAP. *Yakusima-rindo*.

HAB. Klusu: Insula Yakushima. Prov. Osumi (Leg. Y. Kudo! 1909; Leg. G. MASAMUNE! Aug. 31, 1926).

Nom. Jap. *Kunigami-hisakaki*.

Hab. Riukiu: Isl. Okinawa, Kunigami (Leg. Seiei Itoman!).

Not: This species differs from other species of this genus in the zigzag form of the young branchlet.

29) ***Stauntonia obovatifoliola*, HAY.** Ic. Pl. Formos. III. p. 4 ff. 3, 1-6 (1919).

Syn. *Stauntonia obovatifoliola*, HAY. var. *pinninervis* HAY. I. c. p. 5, ff. 3, 7-13 (1915).

Nom. Jap. *Tayo-tokiwa-akebi*.

Hab. Formos.

30) ***Polypodium normale*, DON** var. *latifrons* HOOKER f. Sp. Fil. V. p. 70 (1864).

Syn. *Polypodium normale*, DON; MATSUMURA et HAYATA Enum. Pl. Formos. p. 634 (1906).

Nom. Jap. *Okuriharan*.

Hab. Formos: Taitonzan (Leg. G. MASAMUNE, no. 299! Dec. 1. 1929).

31) ***Mephitidia taiheizanensis*, MASAMUNE et SUZUKI**, sp. nov.

Syn. *Lasianthus taiheizanensis*, MASAMUNE et SUZUKI MSS.

Frutex. Rami teretes graciles tenuiter hirsuti; innovationes fulvo-tomentosae. Folia opposita petiolata circa 12 cm. longa 3 cm. lata, petolis circa 6 mm. longis hirsutis, subcoriacea, lanceolato-oblonga, caudato-acuminata, basi acuta supra glabra, sed ad costas et venas vix hirsuta, subtus ad costas hirsuta, stipulis interpetiolaribus 2 mm. longis triangularibus hirsutis, acutis. Flores? Drupa globosa 5 mm. longa 4 mm. in diametro.

Nom. Jap. *Togariba-ruriminoki*.

Hab. Formos: Taiheizan, (Leg. S. SUZUKI Aug. 12, 1928).

Not. This new species is near to *M. japonica*, but it differs from the latter in having more caudate and slightly pubescent leaves.

32) ***Carex nikoensis*, FRANCH. et SAV.** var. ***Nakaii***, (HAY.) MASAMUNE, comb. nov.

Syn. *Carex satsumensis*, FR. et SAV. var. *Nakaii*, HAY. Ic. Pl. Formos. VI p. 121 (1916).