

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

by

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

Herba perennis; folia 4-verticillata. Flores solitariae terminales, sessiles, erecti, speciosi, caerulei. Calyx 6-8-partitus, segmentis plus minusve exalatis. Corolla tubuloso-campanulata; 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 integra, foliis inferioris squamosis, superioris lineari-lanceolatis 5-22 mm. longis circa 4 mm. latis. Flores terminales solitariae, sessiles, circa 4.5 cm. longi, caerulei. Calyx cum lobis 1.5 cm. longus, tubo obconico-campanulato, scarioso-membranaceo, lobis 6-8 lineari-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 lineari-oblongum.

NOM. JAP. *Yakusima-rindo*.

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

Nom. Jap. *Hiroha-taiwan-hototogisu*.

Hab. Formosa.

Dist. Planta endemica.

27) **Ranunculus formosanus** MASAMUNE, sp. nov.

Herba circa 20 cm. alta vix hirsuta, haud rhizomata; radicibus filiformibus elongatis subflexuosis. Folia radicalia longe petiolata, petiolis gracilibus 2-6 cm. longis glabris caulem amplectantibus, laminis rotundatis circa 2 mm. longis, 2-1/2 mm. latis supra breve hirsutis subtus glabris, grosse crenatis vel tripartitis. Folia caulina alterna quam radicalia minora, petiolata, petiolis circa 1.5 cm. longis, laminis tripartitis, partibus petiolulatis trilobulatis, lobulis rhomboidalibus, apice acutis, foliis floralibus sessilibus lanceolato-trisectis. Flores ad apicem ramorum 1-2, pedunculis 1 cm. longis pubescentibus; flores circa 8 mm. in diametro. Sepala 5 lanceolata, valde concava, apice haud acuta, circa 3 mm. longa extus pilosa. Petala 5, flava, obovato-oblonga apice rotundata, circa 6 mm. longa 3 mm. lata. Stamina circa 2 mm. longa antheris oblongis vix falcatis apice rotundatis circa 1 mm. longis. filamentis glabris. Carpella numerosa.

Nom. Jap. *Takasao-hikinokasa*.

Hab. Formosa: Tansui (Leg. Ipse Feb. 11, 1930).

Not. The species is very near to *R. ternatus*, but it differs from the latter species in the fibrous roots.

28) **Eurya zigzag**, MASAMUNE sp. nov.

Frutex. Rami et ramuli graciles glabri sublati novelli discursum torti et vibrati. Folia coriacea alterna oblonga vel oblongo-lanceolata circa 8 cm. longa 2-1/4 cm. lata sursum acuminata vel acuta tamen apice obtusa, basi cuneata, margine crenulato-serrulata paginae glabra, costis supra impressis subtus elevatis, venis superne paginae tenuiter elevatis, petiolis, 1.5 cm longis. Flores ad axillas foliorum solitaires, vel 1-3 aggregatim dispositi. Fl. ♂ pedicellis circa 2 mm. longis glabris. Sepala 5 rotundata crassa 3 mm. longa 4 mm. lata apice rotunda glabra. Petala ovato-oblonga circa 3 mm. longa 2.5 mm. lata apice rotunda vel vix acuta. Stamina circa 10 glabra, filamentis circa 1 mm. longis, antheris oblongis circa 2 mm. longis 0.5 mm. latis. Rudimentum ovarii plano-conicum glabrum. Fl. ♀ ?