

Hab. Japan, cultivated.

γ. **grandiflorus** (Lindl.) Makino.

Chimonanthus fragrans var. *grandiflorus* Lindl. Bot. Reg. tab. 451; DC. Prodr. III. p. 2; Gard. Chron. (1889), p. 236, fig. 42.

Chimonanthus fragrans forma *latifolia* Miq. Prol. Fl. Jap. p. 91; Franch. et Sav. Enum. Pl. Jap. I. p. 15.

Flowers larger, campanulate; segments broader, oblong.

Nom. Jap. *Shin-no-rōbai*, *Tō-rōbai*, *Dankō-bai*.

Icon. K. Ito et H. Kaku, l. c. tab. 7.

Hab. Japan, cultivated.

Above three forms were introduced from China formerly.

δ. **concolor** Makino in Bot. Mag., Tokyo, XXIII. (1909), p. 23.

Flowers concolorous, yellow.

Nom. Jap. *Soshin-rōbai*, *Shirobana-no-rōbai*.

Hab. Japan, cultivated.

Recently this was introduced from China.

Lilium Miquelianum Makino in Inuma, Somoku-Dzuse-tsu, ed. 3, I. (1907), p. 432.

Lilium medeoloides Miq. Prol. Fl. Jap. (1866-67), p. 320, non A. Gray.

All parts robuster than those of *Lilium medeoloides* A. Gray (= *L. avenaceum* Fisch.). Flowers about 2-5, erect, yellowish-red or orange, nigro-maculate. Genitals short.

Nom. Jap. *Chōsen-kasayuri*.

Hab. Japan, cultivated, rare.

This is not the native of Japan; it was probably introduced from Corea.

var. **flavum** Makino.

Flowers yellow, rubro-maculate.

Nom. Jap. *Kibana-chōsenkasayuri*.

Hab. Japan, cultivated, very rare.

Lactuca denticulata (Houttuyn) Maxim. in Mém. Biol. IX. p. 359.

Prenanthes denticulata Houttuyn, Nat. Hist. XXVIII. (1779), p. 385, tab. 66, fig. 4.

var. Yoshinoi Makino, var. nov.

Leaves (cauline) oblong-ob lanceolate, oblong-lanceolate, or broadly lanceolate, cuneately long-attenuated below into a petiole, mucronato-obtuse or acuminate, subentire or very loosely repand-denticulated, attaining about 15cm. in length including the petiole and $3\frac{1}{2}$ cm. in width, but smaller in the superior ones. Radical leaves (which are perished in flowering time) long-petiolate, oval to oblong, decurrent to the petiole at the base, repand-denticulate. Inflorescence, heads and flowers as in the type.

Nom. Jap. *Nagaba-yakushisō* (nov.).

Hab. Prov. BIRCHŪ: Hayama in Kawakami-gōri (*Z. Yoshino!* Sept. 29, 1910).

Chrysanthemum hakusanense Makino, sp. nov. (Fig. XXI.).

Tanacetum marginatum Savatier in Inuma, Somoku-Dzutsu, ed. 2, XVII. no. 21, non Miq.

Perennial, attaining about 47cm. in height, glabrous, stoloniferous; stolons hypogæous, slender, radiately spreading, attaining about 18cm. in length, umber-isabel-coloured, rooting. Stem erect, slender, terete and substriate, viridescens, loosely ramose above, the neck often thickish, sometimes more or less fusiform, very closely placed with annular scars of fallen radical leaves; branches slender, ascending, leafy throughout, moncephalous. Leaves slightly odoriferous. Cauline leaves sparse, attaining about 5cm. long, but the superior ones gradually decreasing in size and simpler in form, green; the lower ones often with a long petiole, which is dilated and semiamplexicaul at the base, cuneate below, few-pinnatifid with narrow pinnæ; pinnæ again about 1-4-pinnati-cleft with oblong-linear acute-tipped erect-patent lobules; the superior ones simply few-pinnatifid, cuneate below to the petiole; those towards the top simple, linear, bract-like; basal ones decayed in flowering