

Soc. Jap. XXIV. Suppl. p. 55; Hayata, Compos. Formos. p. 34; Matsum. et Hayata, Enum. Pl. Formos. p. 211.

Cnicus japonicus β . *brevicaulis* Maxim in Mém. Biol. IX. p. 324; Franch. et Sav. Enum. Pl. Jap. I. p. 261.

? *Cirsium japonicum* var. Hook. et Arn. Bot. Beechey's Voy. (1841), p. 266.

Stem short, ramose from the base, leafy. Leaves arachnoid-pubescent on the midrib beneath; lobes ovate or oblong-ovate, spinose and spinuloso-ciliated. Heads corymbosely cymose; bracts subtending the heads few and small; peduncles usually short, pubescent (not villose). Involucre rounded at the base, glabrous; scales imbricated, subulately linear-lanceolated, spinose at the apex, spinuloso-ciliated, several-nerved, adpressed, the upper short portion free and ascending. Florets very numerous. Corolla about 18mm. long; tube angustate, about 10mm. long; lobes 5, linear, acutish or obtuse, shorter than the throat which is narrowly tubular and 4mm. long. Connective-tip deltoid, basal lobes of the anther-cells subulato-linear, subsimply acuminate; filament subglabrous. Style exerted, filiform; branch-portion connate into one and about 3mm. long. Pappus about 13mm. long. Achene linear-oblong, subangulato-cylindrical, glabrous, pale, delicately vertically veined, 3½mm. long.

Nom. Jap. *Shima-azami* (nov.).

Hab. LIUKIU: Shuri in Isl. Okinawa (*K. Miyake!* herb. Sc. Coll. Imp. Univ. Tokyo, Sept. 20, 1899).

Lactuca Matsumuræ Makino in Bot. Mag., Tokyo, VI. (1892), p. 56, et XII. (1898), p. 45.

var. *dissecta* Makino, var. nov.

Leaves deeply pinnati-parted; segments remote, few to several on each side, spreading, linear, usually spreadingly few-pinnati-parted into patent lobules; rachis narrowly alate. Otherwise as in the type.

Nom. Jap. *Kikuba-nonigana* (nov.).

Hab. Prov. HIZEN: Kaminagasaki-mura (Commun. *Zentarō Tashiro*).

(To be continued).