

Fusan (FAURIE n. 1126).

Chōl-la austr.: in monte Hakuyōzan (T. NAKAI). Kyurei (T. NAKAI).
in insula Wangtō (T. NAKAI).

Quelpaert: in petrosis 1500 m. (TAQUET n. 5716). Ryutanri (T. NAKAI).
in petrosis Hallasan (TAQUET n. 207). in sepibus Mokan (TAQUET
n. 3012). in arenosis Hallasan (TAQUET n. 1046).

Manshuria: Prov. Kirinensis (V. KOMAROV n. 1650).

In the outlooks this species somewhat resembles to *Paraixeris denticulata* (*Ixeris denticulata*), but the achenes are *Ixeris*-type being terete and having ten wing-like ridges in their maturity. The milky juice is scarce and the radical leaves accompany with the flowering stems.

538) *Ixeris sororia*, (MIQUEL) NAKAI comb. nov.

Lactuca sororia, MIQUEL Prol. Fl. Jap. p. 121. FRANCHET et SAVATIER Enum. Pl. Jap. I. p. 268. MAXIMOWICZ in Mém. Biol. IX. p. 358. YABE Florul. Tushim. p. 64. MATSUMURA Ind. Pl. Jap. II. 2. p. 655.

Nom. Jap. Murasaki-nigana.

Hab.

Hondo: in monte Bukkyodake prov. Yamato (GEN-ICHI KOIDZUMI).
in monte Kasugayama prov. Yamato (JINZŌ MATSUMURA). in prov. Kāwachi (T. TADA). Hikami districtu Yoshiki prov. Suwo (JIURŌ NIKAI n. 546).

Kiusiu: in monte Iwadake prov. Buzen (RYOKICHI YATABE, JINZŌ MATSUMURA et TOMJIRO UCHIYAMA). Uwamizaka insulæ Tsushima (Y. YABE).

Paraixeris, NAKAI gen. nov. (*Compositæ*)

Genus *Ixeris* simulans sed planta ramosissima, et fructus nutans, semina 14 (15) costata non 10-alata apice setulosa, rostro breve.

Biennis v. perennis. Folia radicalia sub anthesin emarcida. Folia simplicia denticulata v. incisa v. pinnatisecta rarius integra saepe amplexicaulia. Caulis ramosissimus. Capitula in apice ramorum dense corymbosa. Alabastra erecta. Involucrum 5-8 squamatum basi minute calyculatum. Flores 5-8 ligulati. Ligula apice 5-dentata flava. Antheræ atratæ basi caudatæ. Styli apice setulosi bifidi, ramis intus stigmatosis. Semina leviter compressa 14 v. 15 costata apice in rostrum brevem producta. Pappi albi caduci setulosi.

Species 4 in China, Japonia, Corea et Manshuria expansæ.

The seeds of this genus with their partly deciduous pappi are hardly

distributed by wind. When they become to mature the heads curve downward, and the involucre bracts open wide so as to let them fall easily.

539) *Paraixeris chelidoniifolia*, (MAKINO) NAKAI comb. nov.

Lactuca chelidoniifolia, MAKINO in Tokyo Bot. Mag. XI. p. 47 (1898). MATSUMURA Ind. Pl. Jap. II. 2. p. 652. MATSUMURA et KOIZUMI in Tokyo Bot. Mag. XXIV. p. 89. NAKAI Fl. Kor. II. p. 55 et Veg. m't Chirisan p. 47 (1915) et Veg. Diamond m'ts. p. 188 n. 685. KOMATSU in MATSUMURA Icon. Pl. Koish. I. 3. p. 63. t. 32.

L. Senecio, LÉVEILLÉ et VANIOT in FEDDE Rep. (1910) p. 141 pp.

Nom. Jap. Kusanoōba-no-keman (JINZŌ MATSUMURA). Kusanoōba-nogiku (SABURŌ ŌKUBO).

Hab.

Hondo: Kirifuri in Nikko (TOMITARŌ MAKINO, TAKENOSHIN NAKAI, SHUNZŌ KOMATSU).

Shikoku: in monte Tebakoyama prov. Tōsa (TOMITARŌ MAKINO).

Corea:

Phyōng-an bor.: in monte Trunbon (MASATOMI FURUMI n. 484). in monte Hakuhekizan (TSUTOMU ISHIDOYA). in monte Risekidōzan (TSUTOMU ISHIDOYA).

Kang-uōn: in monte Kongōsan (T. NAKAI n. 5941).

Kyōng-san bor.: in monte Chōrei (TOMIJIRŌ UCHIYAMA).

Chōl-la: in monte Chirisan (T. NAKAI, T. MORI n. 390). in monte Kannonzan insulæ Wangtō (T. NAKAI).

In petrosis montium Coreæ mediæ (FAURIE n. 425).

540) *Paraixeris denticulata*, (HOULTUYN) NAKAI comb. nov.

Prenanthes denticulata, HOULTUYN Nat. Hist. XXVIII. p. 385 t. 66. fig. 4 (1779) et Syst. IV. p. 50 t. 66. fig. 4 (1783).

Lactuca denticulata, MAXIMOWICZ in Mém. Biol. IX. p. 359 (1874). MATSUMURA Ind. Pl. Jap. II. 2. p. 653. FORBES et HEMSLEY in Journ. Linn. Soc. XXIII. p. 480. PALIBIN Consp. Fl. Kor. I. p. 123. KOMAROV Fl. Mansh. III. p. 780. NAKAI Fl. Kor. II. p. 55.

Prenanthes hastata, THUNBERG Fl. Jap. p. 301 (1784).

Youngia? *hastata*, DE CANDOLLE Prodr. VII. p. 194 (1838).

Brachyramphus ramosissimus, BENTHAM in Lond. Journ. Bot. I. p. 489 (1834). WALPERS Rep. II. p. 693 (1843).

Dubyæa ramosissima, HANCE in WALPERS Ann. II. p. 1028 (1851-2).

Ixeris ramosissima, A. GRAY in Memoire Amer. Acad. VI. p. 397 (1859). BENTHAM Fl. Hongk. p. 198 (1861). MIQUEL Prol. Fl. Jap. p. 122.