OENECIO SYNEILESIS, FRANCH. ET SAV.
TAIMINGASA. タイミンガサ.

New or Little Known Plants of Japan.

No, 35.

Ryōkichi Yatabe, Sc. D.

Senecio Syneilesis, Franch. et Sav.

Nom. jap. *Taimingasa*. タイミンガサ.

(Order *Compositæ*.)

Plate IX.

Senecio Syneilesis, Franchet et Savatier, Enum. Pl. jap., vol. i., p. 249.—Forbes et Hemsley, in Journ Linn. Soc., vol. xxiii., p. 458.—*Senecio palmatus*, Lessing, Syn. Comp., p. 392—De Candolle, Prodr., vol. vi., p. 433.—*Arnica palmata*, Thunberg, Fl. Jap., p. 319.—*Syneilesis palmata*, Maximowicz, Mém. Biol. vol. ix., p. 300.—*Cacalia aconitifolia*, Miquel, Prol. Fl. jap., p. 113. Icon. jap.—Sōmoku Zusetsu, vol. xvi., vol. 12, sub *Taimingasa*.

New or Little Known Plants of Japan.

Stem smooth, simple, $2\frac{1}{2}$ to more than 4 feet high. Cauline leaves petiolate, reniform or cordate, palmately 3 to more than 10 lobed, smooth on the upper, somewhat hairy on the under surface, finely ciliate at the margins; the lobes cuneate-oblong, acuminate, coarsely dentate and also scattered with mucronate teeth, 2—3—lobulate, the lobules acuminate; petioles shortly sheathing at the base; lower leaves 8 inches or more across, the petioles 4 inches or more long; upper leaves 4—6 inches across, the petioles $\frac{1}{2}$ — $1\frac{1}{2}$ inches long; the uppermost much reduced in size, passing into ovate or lanceolate bracts of the inflorescence. Heads homogamous by the want of rays, tubular or tubular-obconical, about 6 lines long, 1—2 lines broad, in terminal panicles of 6—10 inches; the axis of the inflorescence nearly smooth or slightly pubescent; the pedicels of the heads pubescent, $\frac{1}{2}$ —2 lines long. Bracteoles at the base of the heads 2, ovate, somewhat hairy, $\frac{1}{2}$ line long. Scales of the involucre 3—5, imbricate, of two forms, the narrower outer overlapping the margins of the broader inner; both linear-lanceolate, acute, 4 lines long; the outer $\frac{3}{4}$ line broad; the inner scarious at the margins, $1-1\frac{1}{4}$ lines broad. Receptacle flat, naked. Florets yellowish-white, 3—6 in each head. Pappus-hairs copious, dirty-white or brownish, about as long as the corolla, minutely barbellate under the lens. Corolla tubular, very narrow towards the base, broader above, 5—lobed at the apex, about 4 lines long; its lobes linear-lanceolate, recurved when fully open. Anther-bases obtuse. Style-arms recurved, pubescent. Ovary linear, $1\frac{1}{4}$ —2 lines long.—Hab.

Mountain woods. Fl. August.

My specimens of this plant are from Yahazu-yama and Nanokawa-mura in the province of Tosa.

Plate X. Fig. 1, upper part of plant; 2, flower-head; 3, floret; 4, vertical section of floret; 5, young floret; 6, corolla laid open showing the stamens; 7, ovary and style; 8, pappus-hair; 9—11, scales of involucre; 12, floral diagram:—*all except 1 enlarged.*

植物分類餘録

(承前)

松村任三

Trochodendraceæ. 山車科

Cercidiphyllum japonicum, Sieb. et Zucc.

カッラ

カモカッラ

チカッラ(和名鈔)

シロカッラ

カッラギ(筑前)

タマカッラ(野州)