THALICTRUM WATANABEI, YATABE.
TAMA-KARAMATSUSO. タマカラマツサウ.

New or Little Known Plants of Japan.

No. 24.

Ryokichi Yatabe, Sc. D.

Thalictrum Watanabei, nov. sp.

Nom. jap. Tama-karamatsusō. タマカラマツソウ.

(Order Ranunculaceæ.)

Plate IX.

Root fibrous, tuberiferous; tubers oblong or globose, often moniliform, 1—2 lines in diameter, 1—5 lines long. Sterr slender, angular, smooth, 3—10 inches high. Radical leaves biternate; leaflets smooth, roundish, 3—5 lobed at the apex, rounded or truncate or broadly cuneate at the base, green on the upper, glaucescent on the under surface; lobes obtuse, 3—9 lines across the middle one larger than the rest. Cauline leaves ternate, short-petiolate or sessile, those under the inflorescence often

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simple; leaflets similar to those of the radical leaves, but smaller. Panicles corymbose, few-flowered, pedicels capillary, bracteolate or ebracteolate; bracteoles minute. Flowers white. Sepals caducous. Stamens dilated above the capillary base, $1 \frac{1}{2}$ lines long; anthers oblong, basifixed, $\frac{1}{4}$ line long. Carpels few, fusiform, stipitate, as long as the stamens; stigma sessile, oblique; ovule pendulous, oblong, anatropous. Achenes smooth, fusiform, long-stalked, the stalk abruptly deflexed at the base.—Fl. July.

Specimens of this plant were collected by Mr. Kanō Watanabe on July 11, 1892, at Ōkubo in Nanokawamura, in the province of Tosa. The elevation of the locality is about 3,000 feet. The plant grows in thickets of *Bambusa*.

In the specimens examined the achenes are unripe. But they seem to be laterally compressed and one-ribbed on each side.

Plate IX. Fig. 1, carpel; 2, vertical section of carpel, 3, ovule; 4, stamen:—*all enlarged*.

No. 25.

Stylophorum lanceolatum, nov. sp.

Nom. jap. Hosoba-yamabukisō. ホソバヤマブキサウ

(Order Papaveraceæ)

Stem pubescent, 4—5 inches high. Cauline leaves pinnate, 3—5—foliolate; leaflets sessile, lanceolate or linear—lanceolate, acuminate, finely and sharply serrate, nearly smooth on the upper, pubescent on the veins and veinlets on the under surface, 6—18 lines long, 2—4 lines broad. Peduncles 1—2 from the axils of upper leaves, slender erect, about $\frac{1}{2}$ inch long. Flowers about 1 inch in diameter. Sepals 2, very caducous, ovate, acute, pubescent. Petals 4, patent, delicate, or-

bicular—obovate narrowed at the base, yellow, $\frac{1}{2}$ inch long. Stamens numerous, longer than the ovary, about 3 lines long; filaments filiform, anthers linear—oblong.—Fl. July.

I have only a single specimen of this plant collected at Iwase in the province of Etchū, on July 21, 1884. It is very different from all the known species of the genus.

Stylophorum lanceolatum,
Yatabe. (nat. size)