K. WATANABE, DEL.

POLYGONATUM AMABILE YATABE.
HIME-NARUKOYURI, ヒメナルコユリ.

植物學雜誌第六卷第六十六號

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New or Little Known Plants of Japan.

No. 23.

Ryokichi Yatabe, Sc. D.

Polygonatum amabile, nov. sp.

Nom. jap. Hime-narukoyuri. ヒメナルクユリ. (Plate VIII.)

(Order Liliaceæ.)

Rhizome creeping, marked with circular scars left by decayed stems at the extremity of each annual growth. Stem terete, glabrous, dark-purple and variegated with greenish stripes and dots, enveloped at the base in a few membranaceous sheaths, articulated $\frac{1}{2}$ —1 inch above the base, 4 or 5 inches to less than a foot high, the lower half erect and bare of leaves, the upper part somewhat arching and with several leaves; internodes between the leaves zigzag, 3—10 lines long. Leaves petiolate, alternate, distichous, subcoriaceous, glabrous, ovate-lanceolate, subobtusate at the apex, rounded at the base, undulate at the margins, dark-

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green and with a central longitudinal broad white space on the upper, glaucous on the under surface, 2—3 inches long, 10—15 lines broad; petioles short, marginate, canaliculate, 1—2 lines long. Peduncles from the axils of upper leaves, 1—2-flowered, slender, arcuate, if 2-flowered forked a little beyond the middle, 1—1½ inches long. Flowers nodding, stipitate, sweet-scented; stipes ½ line long. Perianth white, clavate-cylindrical, swollen above the middle, rounded at the base, smooth outside, puberulent inside, 6-lobed at the apex, 9 lines long, 2½ lines broad; lobes in 2 rows, greenish, ovate, pubescent at the apex, at last recurved, about 2 lines long. Stamens 6, opposite the lobes of the perianth, included, those opposite the inner 3 lobes somewhat longer than the others; filaments filiform, hairy, adnate to the perianth for their lower half, about as long as the tube of the perianth, the upper free portion about 3 lines long; anthers connivent, linear-ovate, erect, 2-lobed at the base, dorsifixed, about a line long, the 2 cells dehiscing introrsely. Ovary sessile, ovoid, 3-celled, about 1 line long; style filiform, elongating beyond the anthers after anthesis, about 7 lines long; stigma terminal, small; ovules attached to axile placenta, uniseriate and about 3 in each cell.—Fl. May.

The figure was drawn from a living specimen brought from the Botanic Garden of the Imperial University. The specimens of this plant in the Garden were collected a number of years ago either in Shinshū or Nikkō.

From the brief description of its author *P. lasianthum*, Maxim. (Mél. Biol., vol xi., p. 850.) seems to be nearly related to the present species. But the characters of the inflorescence and leaves seem to divide the two species.

Plate VIII. Fig. 1, vertical section of flower partly open; 2, vertical section of flower fully open; 3, pistil; 4, perianth laid open showing the position of stemans, 5 back and front views of stamen; 6, floral diagram :—*all enlarged*.