A Contribution to the Knowledge of the Flora of Nippon.

(Continued from p. 26.)

By Tomitaro Makino, Sc. D.

Asarum amagiense Makino, nov. sp.

Perennial; roots fibrous, yellowish-pale, thick, terete, 2½-3 mm. across. Rhizome ascending, often very loosely ramose, attaining about 18 cm. long, 2½-4 mm. across; internodes abbreviated. Leaves sempervirent, long-petiolated; blade subhastato-ovate or auriculato-oval, shortly acuminate or acute or obtuse at the apex, ovate and rounded-tipped in the basal lobes, open in the sinus, entire, shining deep-green usually pale-greenish-variegated and thinly pubescent on the midrib and veins or towards the margins or sometimes pubescent with short pale hairs in the whole surface above, glabrous and paler beneath, 6-14 cm. long, 4½-9 cm. wide; midrib impressed above and prominent beneath; veins impressed above and slightly prominent beneath; main venules impressed above and hardly prominent beneath; petiole terete, canaliculated in front, rounded in back, smooth, glabrous, atropurpureous, 8-24 cm. long, 2-3 mm. across. Flower pedicellated, 1 to a top of the rhizome, 2- nearly 4 cm. across, glabrous; pedicel curved, 1-3 cm. sometimes 6 cm. long. Calyx: tube globose or oval-globose, rounded or subtruncated at the base, hardly contracted at the apex, longitudinally sub-impressed-many-veined, greenish or virid-purplish, 1½-2 mm. long and in diameter, elevato-reticulated with dark-purple veins internally; limb 3-parted, patent; lobes orbiculate, ovato-orbiculate, depressed-orbiculate, or sub-deltoid-orbiculate, obtuse or acutish at the apex, thickish, dark-purple, virid-purplish or brownish-purplish, entire, reticulatedly veined but inconspicuous superficially, plane on the both surfaces, 9-16 mm. long, 1½-2 mm. wide; orifice orbicular, 5-8 mm. across, continuously elevato-annulate at the edge, sub-rugose and eplicate in the ground outer the annulus. Stamens 12, inserted on the back of ovary, erect, slightly apart each other, much lower than the styles; filament very short, purple, thick, about 1 mm. long; connective slightly exserted beyond the anther, obtuse-tipped; anther oblong-subulate, about 2 mm. long; dehiscing extrorse. Ovary superior, purple. thick, concave in centre at the top, 6-celled; styles 6, erect, thick, subulate, with a bifid tip, each with a dorsal ovate stigma; ovules several in the each cell, obovoid.

Nom. Jap. Idzu-kan-aoi (nov.).

Hab. Prov. IDZU: Mt. Amagi (T. MAKINO! 1931.).

This species comes near A. alboviridum REGEL, but the latter differs from the present one by having the smaller flowers and albo-venulos leaves.