

New Hawaiian Plants.—VI.

CHARLES N. FORBES.

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***Tetraplasandra racemosa*, sp. nov.**

Arbor 6-7 dm. alta; foliis pinnato 5, 7, 9, foliolatis, rachis 18-26 cm. longis; foliolis cordatis, cordato-oblongis ad ellipticis, incanis, 5.5-10.4 cm. longis, 4.3-5.5 cm. latis. Inflorescentia racemosa, incana, 2.5-6 dm. longa; pedicellis 4-5 mm. longis. Calyx cylindriatum, truncatum, incanum, 7 mm. altum. Corolla 16-20 venosa; 5-6 petalis, recurvis, intus 2-5 venosis, glabris, luteis, extus incanis, 9 mm. longis. Stamina 16-20, uniserata. Ovarium 12-loculare, stylopodio conico, stigma indivisum, obsolete 12-14-radiatum. Drupa ovoida, 1 cm. alta, 9 mm. lata.

Type locality, Nonou mountains, Kauai. C. N. Forbes, No. 595, K. October 16-17, 1916. Also occurs on the Haupu range near Nawiliwili Bay, Kauai. Forbes, No. 709, K. October 31, 1916.

A tree with straight trunk 6-7 dm. high, clothed with smooth gray bark, and crowned with spreading branches. Leaves crowded, with clasping petioles, odd pinnate with 5, 7 or 9 leaflets, all parts mealy tomentose, the rachis 18-26 cm. long. The leaflets mostly cordate to cordate-oblong, the terminal and often the upper pair elliptical, bright green sprinkled with mealy tomentum above, pure white mealy tomentose below, the middle pair of leaflets often longer than the others, all on short petiolules, 5.5-10.4 cm. long, 4.3-5.5 cm. wide. Inflorescence a stout pendulous raceme, mealy tomentose in all parts, 2.5-6 dm. long; the pedicels continuous with the calyx, 4-5 mm. long. Calyx cylindrical, with truncate border, smooth but becoming strongly ribbed when dry, white mealy tomentose, 7 mm. high. Corolla 16-20-ribbed on the inside, breaking into 5-6 petals, never more, which are strongly 2-5-ribbed on the inner side, white mealy tomentose on the outside, glabrous and yellowish-colored on the inside, acute, strongly reflexed, 9 mm. long. Stamens 16-20 in a single circle, recurved. Ovary 12-celled, crowned by a conical stylopodium bearing a



9. *TETRAPLASANDRA RACEMOSA*, SP. NOV.



10. TETRAPLASANDRA RACEMOSA INFLORESCENCE.

depressed, undivided, obscurely 12-14-rayed stigma. Summit of ovary and stigma deep red. Fruit ovoid, 1 cm. high, 9 mm. wide.

This species differs from all other known Hawaiian *Araliaceæ* in its inflorescence; a character which excludes it from the generic limits of *Tetraplasandra* as hitherto known. It does not appear to be very closely related to the other species, certainly not to the two known Kauai species, and only bears a superficial resemblance to *T. hawaiiensis* Gray in the pubescence. About a dozen trees were seen at the type locality, usually occurring as individuals in separated localities. Only one tree was seen at the Haupu Station, although probably others occur. All were uniform. The panicle is strictly pendulous, even when very young, those in the illustration being bent in order to mount them on the herbarium sheet.

Since writing the above, Mr. G. C. Munro has informed me that he has seen this tree on ridges, somewhere between Makaweli and Hanapepe on Kauai. [240]

