

Miscellaneous Taxonomic Notes
Hawaiian Plant Studies 58

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Saxifragaceae

Broussaisia arguta Gaud., var. arguta, forma
ternata Forbes ex Skottsb., Göteb. Bot.
Tradg., Meddel. 2: 235, 237, 1926.

B. arguta Gaud., var. arguta, forma ternatea
St. John, Pacif. Trop. Bot. Gard., Mem.
1: 169, 1973.

Skottsberg's wording, though on two separate pages, combines to make a valid publication of his new epithet. He did not indicate a type, but cited three collections, two by himself from Hawaii and Maui, and one by Forbes from Maui. In his text he states, "in the herbarium of the Bishop Museum is a specimen collected by Forbes and labelled B. arguta v. ternata." This is a good specimen with stem, leaves, and flowers. This specimen (BISH) is here chosen as the lectotype of the forma ternata.

Flacourtiaceae

Xylosma crenatum (St. John) comb. nov.

Antidesma crenatum St. John, Pacif. Sci. 26:
279, 281, fig. 3, 1972.

This species was described from good material with stems, leaves, pistillate flowers, and immature fruit. The tree was obviously dioecious. The collector, Robert W. Hobdy, revisited the remote locality several times during two years, without finding mature fruit or a staminate tree. Without the staminate flowers, it was hard to decide whether the tree belonged in Antidesma of the Euphorbiaceae, or in Xylosma of the Flacourtiaceae. The writer chose to put it in Antidesma.

Now, in a friendly letter, Dr. H. Sleumer has reported his opinion that the plant is really a species of Xylosma. The writer's median transverse section of a young fruit now shows the endocarp to be thin, but only slightly flattened, and

actually subterete. Fruit of Antidesma has the thick bony endocarp biconvex and nearly flat. Hence, it is concluded that the species is really one of the genus Xylosma, and the necessary transfer is made above.

Apocynaceae

Thevetia peruviana (Pers.) K. Schum., forma
aurantiaca St. John, forma nova.

Diagnosis Holotypi: Corollis salmoneis
Differs from the yellow flowered species by
having the corollas salmon colored.

Holotypus: Hawaiian Islands, Oahu Island,
Honolulu, by Teachers College Building, 4 m tall,
cult., Oct. 15, 1937, H. St. John 18,402 (BISH).

Specimens Examined: Hawaiian Islands, Oahu
Island, Mokuleia, Oct. 1951, O. Degener 21,461
(BISH).

Discussion: Though not previously validly
published, the epithet forma or var. aurantiaca
has been used by Neal, M. C., in Gardens of
Hawaii 610, 1948; and by Degener, O., Flora
Hawaiiensis fam. 305: 4/30/59.



St. John, Harold. 1976. "MISCELLANEOUS TAXONOMIC NOTES HAWAIIAN PLANT STUDIES 58." *Phytologia* 34, 147–148.

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