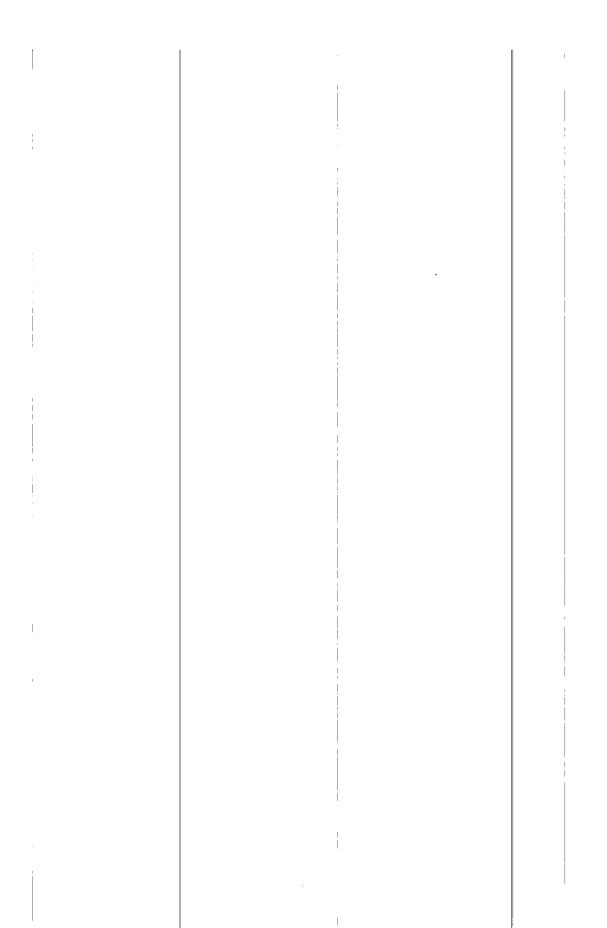
TRANSFER OF THE PAPUAN GOULDIA TO THE GENUS PSYCHOTRIA

By
HAROLD ST. JOHN

Bernice P. Bishop Museum
Occasional Papers
Volume XII, Number 7

HONOLULU, HAWAII PUBLISHED BY THE MUSEUM JULY 28, 1936



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Family RUBIACEAE

Psychetria papuana (Wernham) St. John, new combination (pl. 1).

Gouldia papuana Wernham: Jour. Bot. British and Foreign, vol.
56, p. 129, 1918.

This species was described by Dr. H. F. Wernham from a single collection made in 1885-86 (H. O. Forbes 442, Sogeri Region, New Guinea) which included only fruiting material. Other species of Gouldia occur in Polynesia; G. romanzoffiensis, a littoral species growing on coral sands is especially common on atolls from the Ellice Islands to the Tuamotus and Pacific Equatorial Islands. All other species occur in the Hawaiian islands.

I have studied the type specimen of *G. papuana* in the British Museum of Natural History and believe that it belongs to the genus *Psychotria*. Wernham characterized the fruit as having many small seeds ("seminibus parvis numerosis"), but I found it 2-celled with a single erect seed in each cell.

Among the numerous species of *Psychotria* from New Guinea or Papua, the most similar appears to be *P. kelelensis* Valeton which has the branchlets glabrous or sparsely dark hispidulous; the blades acuminate glabrous; the stipules ovate-trigonous, glabrous; the panicle glabrous, with slender peduncle and pedicels. *P. papuana* has the branch ets closely reddish puberulous; the blades only subacuminate, beneath closely puberulous; the stipules lance-acuminate, towards the base conspicuously rufous puberulous; the panicle puberulous, with strong peduncle and pedicels.

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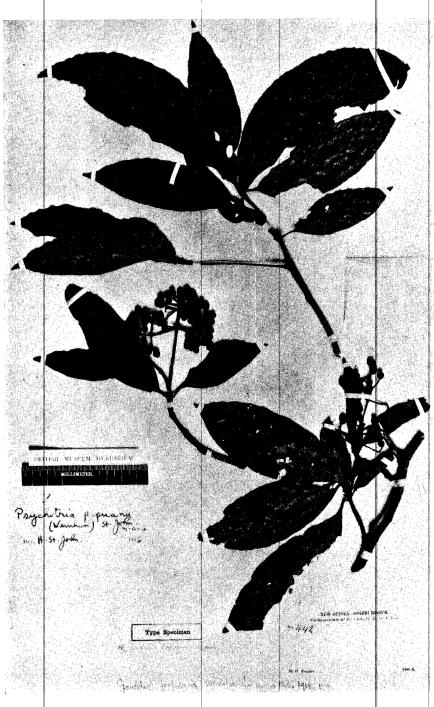


PLATE 1.—Psychotria papuana, from type specimen, H. O. Forbes 442.