

Additional Records of Vascular Plants from the Northern Mariana Islands

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Since the publication of our Vascular Flora of the Northern Mariana Islands (Fosberg et al., 1975) further collections have been made in these islands by members of the University of Guam Expedition of 1975. These included a number of new island records and what seems to be *Achyranthes aspera* var. *fruticosa*, which is new to Micronesia. These are mostly listed below with the islands, localities, names of collectors, and collection numbers. The specimens cited are all deposited in the U. S. National Herbarium, Washington, D. C. Duplicates of most of them are in the Yap Institute of Science and may eventually be deposited in the herbarium of the University of Guam. A few specimens are still under study and will be reported on later.

Fifty-four island records are listed below, representing 50 species and varieties. Of these, five are specimens supporting previous sight records, and one is to support a nomenclatural correction. The others are believed to be plants not previously found on the islands indicated. For previous records, see Fosberg et al. (1975).

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***Psilotum nudum* (L.) Beauv.**

Asuncion: Southern coast, below 100 m, uncommon, growing on coconut tree roots, *Falanruw* 3096, 3097.

***Polypodium scolopendria* Burm. f.**

Maug: *Dickinson & Mersereau* 16.

***Pteris quadriaurita* Retz.**

Guguan: Southwest ravine, 40 m, scattered in undergrowth of forest, *Falanruw* 3107.

Sphenomeris biflora (Kaulf.) Tagawa

Guguan: Summit of volcano, above 200 m, *Falanruw 3113*.

Bambusa vulgaris Schroed. ex Wendl.

Pagan: Village area, below 20 m, *Falanruw 3050*. One large clone used to supply village with fishing poles; said to be introduced from Okinawa.

Digitaria gaudichaudii (Kunth) Henr.

Asuncion: Southwest coast, below 30 m, scattered in bare lava areas, *Falanruw 3082*; forested ravine on southern slope, 500 m, occasional in tangled upper edge of forest, *Falanruw 3069*.

Eragrostis ciliaris (L.) R. Br.

Pagan: In open village area below 100 m, *Falanruw 3026*.

Lepturus repens (Forst.) R. Br.

Asuncion: Southwest coast, below 30 m, on lava, *Falanruw 3083* (sterile).

Lepturus repens var. *subulatus* Fosb.

Pagan: Coast 0.5 km E. of Sengan Peninsula, 1 m, *Lamoureux 4870*.

Miscanthus floridulus (Labill.) Warb.

Maug: East Island, patches near summit, 250 m, *Dickinson & Mersereau 5*. Reported by Fritz 1902 without supporting specimen. See Fosberg et al., 1975: 13.

Oplismenus undulatifolius var. *imbecilis* (R. & S.) Hack.

Guguan: West slope, *Falanruw 3123*.

Saccharum officinarum L.

Asuncion: SSE coast, below 300 m, several small patches in area of former habitation, *Falanruw 3095*.

Stenotaphrum micranthum (Desv.) Hubb.

Asuncion: Open parts of forest inland of open meadow near landing, below 50 m, *Falanruw 3138*.

Guguan: *Falanruw 3130*.

Zoysia matrella (L.) Merr. var. *matrella*

Guguan: Southwest coast, 6 m, growing in open area along coast, *Falanruw 3110, 3111*.

Cyperus cyperinus (Retz.) Sur.

Maug: North Island, 100 m, on steep rocky slope, *Lamoureux 4879*.

Scleria lithosperma (L.) Sw.?

Guguan: West slope, 175 m, one patch seen in thicket, *Falanruw 3124*.

Crinum asiaticum L.

Asuncion: South southeast coast, below 70 m, moderate size patch on seaward slope in area of former habitation, also seen inland, *Falanruw 3087*. Sight record in Fosberg et al., 1975: 18.

Sansevieria trifasciata Prain

Pagan: Cultivated about houses, below 20 m, *Falanruw 3047*.

Tacca leontopetaloides (L.) O. Ktze.

Asuncion: South southeast coast, below 70 m, a few plants under trees in former village area, *Falanruw 3100 b*.

Dioscorea alata L.?

Asuncion: South southeastern coast, below 100 m, in area of former habitation, *Falanruw 3090*.

Casuarina equisetifolia L.

Maug: East Island, grove of trees planted by Japanese, about 10 m tall, at summit of island, 250 m, *Dickinson & Mersereau 17*. Sight record in Fosberg et al., 1975: 20.

Ficus prolixa Forst.

Guguan: Southwest forested ravine, 14 m, *Falanruw 3126*.

Ficus tinctoria var. **neo-ebudarium** (Summ.) Fosb.

Maug: East Island, *Dickinson & Mersereau 4*.

Guguan: Southwest forested ravine, below 100 m, *Falanruw 3125*.

Achyranthes aspera L. var. **aspera**

Asuncion: Mouth of small ravine south of landing, below 40 m, *Falanruw 3124*.

Achyranthes aspera var. **fruticosa** (Lam.) Boerl.

Guguan: Southwest coast, abundant at mouth of Southwest valley, 7 m, not seen elsewhere, *Falanruw 3102*.

Apparently a new record for Micronesia.

Boerhavia repens L. var.

Guguan: Southwest coast, mouth of southwest valley, 7 m, *Falanruw 3103*.

Pisonia grandis R. Br.

Asuncion: South southeast coast, below 70 m, *Falanruw 3088*.

Guguan: Southwest coast, in forested ravine, 40 m, *Falanruw 3106, 3129*.

Portulaca australis Endl.

Asuncion: Occasional on rocky southwest coast, below 40 m, *Falanruw 3100a*.

Portulaca oleracea var. **granulato-stellulata** v. Poelln.

Asuncion: Southwest coast, below 40 m, *Falanruw 3070*.

Guguan: Southwest coast, occasional in rock crevices, 6 m, *Falanruw 3101*. Probably the plants reported as *P. oleracea* in 1975 are this variety.

Cleome viscosa L.

Pagan: Village area, below 100 m, *Falanruw 3044*.

Leucaena leucocephala (Lam.) de Wit

Pagan: Common about village, west coast, *Falanruw 3015*.

This is the plant reported as *L. latisiliqua* in Fosberg et al., 1975: 28.

Vigna unguiculata (L.) Walp.

Pagan: Village area, below 100 m, *Falanruw 3033*.

Guguan: Western slope, uncommon to scattered amid grasses, 125 m, *Falanruw 3119*.

Averrhoa carambola L.

Pagan: *Lamoureux & Eldredge 4866*.

Citrus aurantium L.

Asuncion: SSE coast, area of former habitation, below 100 m, *Falanruw 3091*.

Euphorbia hirta L.

Asuncion: SSE coast, in shaded areas around former habitations, below 500 m, *Falanruw 3093*.

Gossypium hirsutum var. *taitense* (Parl.) Roberty

Maug: North Island, 50–200 m, on steep rock slopes and ridge crest, forming a tangled scrub, *Lamoureux 4871*.

Probably same as *G. hirsutum* reported by Lehne and Gäblen 1972, without supporting specimen. See Fosberg et al., 1975: 32.

Hibiscus tiliaceus L.

Asuncion: Rocky southern coast, occasional trees, below 40 m, *Falanruw 3071*. Reported by Lehne and Gäblen 1972, without supporting specimen. See Fosberg et al., 1975: 32.

Melochia compacta Hochr.

Maug: East Island, *Dickinson & Mersereau 13*.

Carica papaya L.

Guguan: Occasional in forested ravine, 50 m, *Falanruw 3133*.

Sight record in Fosberg et al., 1975: 34.

Lysimachia mauritiana Lam.

Maug: East Island, *Dickinson & Mersereau 14*; *Ronck 4*; North Island, on steep rocky slope at 100 m, *Lamoureux 4874*.

Plumbago zeylanica L.

Maug: North Island, on steep rocky slope at 100 m, *Lamoureux 4883*.

Jasminum marianum DC.

Asuncion: Seen only on forested plateau above landing, below 100 m, *Falanruw 3081*.

Ipomoea pes-caprae ssp. *brasiliensis* (L.) v. Ooststr.

Maug: East Island, *Dickinson & Mersereau 12*.

Operculina ventricosa (Bert.) Peter

Maug: East Island, *Dickinson & Mersereau 7*.

Cordia subcordata Lam.

Maug: East Island, *Ronck 3*.

Vitex negundo var. *bicolor* (Willd.) H. J. Lam

Pagan: *Falanruw 3008*.

Maug: *Dickinson & Mersereau 9*.

V. negundo L. was reported for both islands in Fosberg et al., 1975: 30.

Nicotiana tabacum L.

Pagan: Shore of Sinalung Lake (Inner Lake), *Lamoureux 4864*.

Solanum guamense Merr.

Asuncion: Southwest coast, small patch at mouth of southwest ravine, 7 m, *Falanruw* 3104.

Hedyotis foetida var. **mariannensis** (Merr.) Fosb.

Asuncion: Occasional on open area on southern slope of summit, 830 m, *Falanruw* 3067.

Vernonia cinerea (L.) Less.

Guguan: Southwest coast, 5 m, *Falanruw* 3112.

References Cited

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