

## SHORTER NOTES

**New Records of Lycophytes and Ferns from Moorea, French Polynesia.**—We report here 11 new taxon records for the island of Moorea, French Polynesia, records that were not listed in the floristic study by Murdock and Smith (Pacific Sci. 57: 253–265. 2003.). These additions bring the total number of pteridophyte species known from the island to 83. These new records, seven of them collected during an ascent of one of the highest peaks on Moorea (Mt. Mouaputa), were found at the following three localities.

- 1) Moorea, trail from Belvedere parking lot, west towards Col des Trois Cocotiers; GPS reading ca. 17°32'29.0" S, 149°49'25.6" W, ca. 245 m, 24 Dec 2003.
- 2) Moorea, trail from Belvedere parking lot, east towards Marae Tetiioa ruins, GPS reading ca. 17°32'29.0" S, 149°49'25.6" W, ca. 245 m, 25 Dec 2003.
- 3) Moorea, trail up Mt. Mouaputa, along trail between GPS readings 17°32'09.2" S, 149°47'48.1" W, ca. 291 m, and 17°31'42.0" S, 149°48'00.5" W, elev. ca. 751 m, 26 Dec 2003.

*Asplenium nidus* L.: Locality #2, epiphytic, rare on buttressed angiosperm trees, which are common; leaves strap-shaped, narrower than common *A. australasicum*, with persistent, pendent leaf midribs, *Ranker 1946*, with Trapp (BM, COLO, PAP).

*Christella dentata* (Forssk.) Brownsey & Jermy: Locality #2, terrestrial on trailside earthen bank, *Ranker 1951*, with Trapp (COLO, PAP).

*Doryopteris concolor* (Langsd. & Fisch.) Kuhn: Locality #2, epipetric on rock wall of ruins, *Ranker 1939*, with Trapp (COLO, PAP, UC).

*Elaphoglossum savaiense* (Baker) Diels: Locality #3, epiphytic on tree ferns (*Sphaeropteris medullaris* and *Alsophila tahitensis*) at higher elevations, *Ranker 1962*, with Trapp (COLO, PAP, NY).

*Elaphoglossum samoense* Brack.: Locality #3, epiphytic on tree ferns (*Sphaeropteris medullaris* and *Alsophila tahitensis*) at higher elevations, *Ranker 1961*, with Trapp (COLO, NY, PAP).

*Gonocormus minutus* (Blume) Bosch: Locality #3, epiphytic at higher elevations, *Ranker 1967*, with Trapp (COLO, P, PAP, UC).

*Grammitis tahitensis* (C. Chr.) Copel.: Locality #3, epiphytic on tree ferns (*Sphaeropteris medullaris* and *Alsophila tahitensis*) at higher elevations, *Ranker 1960*, with Trapp (COLO, PAP, UC).

*Huperzia squarrosa* (G. Forst.) Trevis.: Locality #3, terrestrial on stream bank, Ranker 1957, with Trapp (COLO, PAP, UC).

*Hymenophyllum (Mecodium) polyanthos* (Sw.) Sw.: Locality #3, epiphytic at higher elevations, Ranker 1968, with Trapp (COLO, P, PAP).

*Lindsaea repens* (Bory) Thwaites var. *marquesensis* E. D. Br.: Locality #1, epiphytic, occasional, Ranker 1936, with Trapp (COLO, PAP, UC).

*Sphenomeris chinensis* (L.) Maxon: Locality #3, terrestrial at higher elevations, Ranker 1963, with Trapp (COLO, PAP).

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