

Geodorum densiflorum (Lam.) Schltr.

Cymbidium pictum R.Br.

Dendrobium furcatum sensu Kraenzl. non Lindl.

Dendrobium pictum Lindl. (not in the Samoan literature)

Dendrobium tricarinatum Schltr.

Geodorum furcatum sensu Kraenzl.; non Lindl.

Geodorum neocaledonicum Kraenzl.

Geodorum pictum (R. Br.) Lindl.

Geodorum tricarinatum sensu Schltr.; non Lindl.

Limodorum densiflorum Lam.



SAMOAN NAME: none

ENGLISH NAME: none

STATUS: rare indigenous

REASON FOR LISTING: rarity of collections

SUGGESTED ACTION: Botanical survey of the fernlands at Luatuanu'u and Tiave'a. It is most frequently found in lowlands in sunny places, such as the fernland areas noted above.

Indigenous to Samoa, ranging from India to Niue. In Samoa it occurs in open areas on Savai'i and 'Upolu, such as fernlands, reported from near sea level to ca. 100 m or more in elevation. It has been collected only once in Samoa in the last century. No Samoan names or uses have been reported.

Small terrestrial herb 20–50 cm in height, with clustered, subglobose pseudobulbs 1.3–2.6 cm in diameter covered by scarios sheaths when young. **Leaves** 2–5, simple, alternate; blade ovate to elliptic-ovate, 18–40 × 4.5–7 cm, long-attenuate at the base, acute or acuminate at the tip; surfaces glabrous; margins entire; petiole sheath-like, 6–18 cm long. **Inflorescence** a several-flowered, erect raceme more or less as long as the leaves, rachis recurved when young, bearing linear lanceolate bracts 1–1.3 cm long; flowers borne mostly on the top of the rachis, pale pinkish white to pale purple with reddish marks and yellow blotches on the lip, ovary 5–9 mm long. Sepals similar, oblong-obovate, abruptly acuminate at the tip, 10–12 × 3–3.5 mm. **Petals** oblong to oblong-elliptic, obtuse to subacute at the tip, 9.5–11 × 3.5–4.5 mm. Lip cymbiform, slightly constricted in middle, weakly bilobed at the tip, saccate at the base, 11–13 × 10–12 mm; callus with a small transverse ridge at the base and warts or keels in front; column ca. 3 mm long; foot ca. 3 mm long. **Fruit** an ovoid to fusiform capsule 2.8–3.5 cm long. **Flowering** and fruiting probably occur throughout the year.

Distinguishable by its medium-sized terrestrial orchid habit; large leaves 18–40 cm long; pink flowers clustered on the upper portion of a raceme as long as the leaves and recurved when young; and large capsule 2.8–2.5 cm long.

SAVAII:

Vaupel 285—(Specimen not at Bishop Museum—lost?).

Whistler 11742—Roadside near the old timber mill at Āsau.

UPOLU:

Reinecke 187 ("lost")—"Stubelberg," fernlands above Vailele.