

Stenia pustulosa D. E. Benn. & Christenson,
sp. nov. (Fig. 15)

TYPE: PERU. Dept. Tarma: southeast of Contayapaccha, Quebrada Seca 1890 m, 22 April 1992, *O. del Castillo ex D. Bennett* 5552 (HOLOTYPE: NY).

Species haec *Steniae pastorellii* D. E. Benn. similis sed labelli lobis lateralibus pustulatis differt.

Caespitose, acaulous epiphytes producing fan-shaped growths 12–14 cm tall. *Leaves* 4–6, oblanceolate, acute, minutely apiculate, grading in size from 6.5–13.0 × 2.0–2.3 cm, dark green, articulated to the imbricating conduplicate leaf sheaths. *Inflorescences* axillary, laxly long-pendent scapes to 8 cm long, subtended by 1–2 tubular bracts. *Flowers* with spreading segments, translucent pale yellow, the labellum pale green externally with the pustules along distal margin pale brown turning purple forward, the interior streaked and spotted brownish-red, the midlobe very pale yellow with a few brownish-red spots along the margin, callus pale white with greenish-yellow teeth tipped brownish-red, the column pale yellowish-white, the foot with faint lavender streaks and spots shading to darker red-purple at the base of the foot, the claw white with red-purple spots, the anther pale cream white and the pollinia shiny pale yellow. *Sepals* elliptic to oblong-elliptic, acute, margins lightly revolute, 2.6–2.7 × 1.1–1.2 cm, the lateral sepals oblique and abruptly acute. *Petals* obovate, minutely apiculate, oblique, 2.4 × 1.4 cm. *Labellum* 3-lobed, saccate, very fleshy-rigid, 0.7 × 0.7 cm in natural position, the lateral lobes erect, individually 0.87 cm long, the midlobe completely involute, the calli in 2 series, the posterior callus erect, broadly oblong, sparsely papillose, the anterior callus a transverse ridge of 10–12 teeth extending for nearly the entire width. *Column* lightly arcuate with barely discernible wings, 1.4 cm long, the foot prominent, pubescent. *Pollinarium* to 3 mm long, pollinia 4 in 2

unequal pairs, the larger 2.5×1 mm, the smaller 1.7×0.9 mm, on a serrate stipe to 0.7 mm long and a viscidium to 1 mm long.

Etymology: From the Latin *pustulosus* referring to the atypical pustules or blisters on the distal portion of the lateral lobes of the labellum.

Habitat: Lower levels of wet cloud forest. Flowering from October to November and March to April as new growths near maturity.

PARATYPES: PERU. Same date and locality as holotype, *O. del Castillo ex D. Bennett 5553* (USM). **Dept. Pasco:** Oxapampa, along Pisco River between Oxapampa and Paurcatambo, 1700 m, 4 Apr 93, *O. del Castillo ex Bennett 6179* (USM). **Dept. Junin:** PROV. JAUJA; above Monobamba, 1600 m, *O. del Castillo ex D. Bennett 6279* (NY), above Monobamba, Sector Cedrilla, 2300 m, *O. del Castillo ex D. Bennett 6311* (NY).

Stenia pustulosa is easily distinguished from other species by the broadly oblong, sparsely papillose basal callus, and the pustulate distal portion of the earlobe-like lateral lobes of the labellum.