

## NEW OR NOTEWORTHY ORCHIDS

***Epidendrum cobanense* Ames & Schltr. sp. nov.**  
Herba epiphytica. Caules caespitosi, erecti vel ascendentes, vaginati, paucifolii. Vaginae foliorum usque ad ostium dilatatae, transverse rugosae, rigidae. Folia teretia ut videtur, carnosae, acuta, oblique ascendente, disticha, inter se satis distantia, rigida, in sicco longitudinaliter rugosa. Inflorescentia ex axilla folii superioris oriens. Bracteae infra pedunculum duae, spathaceae, imbricatae, in sicco scariosae, pedicellum cum ovario excedentes, valde complanatae. Pedicellus cum ovario in sicco longitudinaliter plurisulcatus. Sepala lateralibus valde carnosae, rigida, ligulata, acuta, margine nonnihil revoluta. Sepalum dorsale simile. Petala valde carnosae, anguste oblonga, apice hamata, supra medium triquetra. Labellum trilobatum, supra medium valde deflexum; lobis lateralibus erectis, columnae appressis, subcarnosis, antice rotundatis, quam lobo medio multo brevioribus; lobo medio valde incrassato, subtereti, apice subacuto vel obtuso. Discus callosus. Columna carnosae, abbreviata, semilibera, apice integra.

Epiphytic herb with stems 10–30 cm. high, characterized by obliquely ascending distichous terete leaves and by fleshy flowers borne singly at the summit of each stem. Stems caespitose or crowded, rising from a dense mass of fibrous roots, simple, concealed by the sheathing bases of the leaves. Sheaths 1–2.5 cm. long, rigid, dilated upward to a wide opening, 5 mm. wide at the summit, transversely wrinkled. Leaves six to eight, jointed to the sheaths, 3–7 cm. long, apparently terete, 2–3 mm. in diameter in dried specimens, obliquely ascending, somewhat curved, the uppermost leaf subtending the spathaceous bracts of the inflorescence. Flower solitary. Pedicellate ovary about

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1.6 cm. long, entirely concealed by two ample spathe-like scarious imbricating bracts which are sessile in the axil of the uppermost leaf. Lateral sepals 1 cm. long, about 3 mm. wide, very fleshy, ligulate-oblong, margin more or less revolute, apex acute. Dorsal sepal of similar texture, ligulate, subacute. Petals about 1 cm. long, 2.5 mm. wide, narrowly oblong, sharply reflexed at the tip, apical portion triquetrously thickened, acute. Labellum about 1 cm. long, distinctly 3-lobed; lateral lobes rounded in front, erect, closely appressed to the column, much less thickened than the middle lobe, about twice longer than the column; middle lobe sharply deflexed or decurved, 6 mm. long, about 1.5 mm. wide, subterete or obscurely quadrangular, acute, rugose when dry. Disc callose beneath the column. Column about 4 mm. long, fleshy, with the clinandrium entire.

In general aspect this species suggests *Epidendrum teretifolium* Sw., from which it differs conspicuously in the structure of the labellum. [Fig. 1.]

GUATEMALA, Department of Alta Verapaz, Cobán, *H. v. Tuerckheim II 1612*, May 1908. 1350 meters altitude (Type): Samác, *Harry Johnson 321*, May 1, 1920. Flower brown, succulent. 4000 feet altitude. (TYPE in U. S. Nat. Herb. No. 795714. FRAGMENT OF TYPE in Herb. Ames No. 23746. DUPLICATE TYPE in Herb. Schlechter.)