

**Scaphyglottis grandiflora** A. & S., sp. nov. Herba patula, caespitosa ut videtur. Caules superpositi, cylindracei, in sicco tenues, in apice bifoliati, parte inferiore vaginis binis foliigeris arcte inclusa. Folia linearia, sessilia, in apice oblique bilobata. Inflorescentiae perbreves, axillares. Flos pro genere magnus. Sepalum dorsale ellipticum vel elliptico-lanceolatum. Sepalia lateralía lanceolata vel ovato-lanceolata, mentum conspicuum formantia. Petala oblique elliptico-lanceolata. Labellum in positu naturale arcuato-reflexum, e basi cuneata obovato-oblongum, in apice late rotundatum vel leviter bilobatum. Gynostemium prope apicem bialatum.

Plant spreading, caespitose, 19 cm. or more tall. Roots fibrous, flexuous, glabrous, branching, commonly springing from each mature node. Stems superposed, slender, cylindric, striate-plurisulcate in the dried specimen, diphyllous at the apex, the lower part closely enveloped by 2 tubular imbricating leaf-sheaths, sometimes as many as 9 stems issuing from a single node. Leaves linear, spreading, up to 14.2 cm. long and 5 mm. wide, obliquely bilobed and apiculate at the tip, sessile, the mid-nerve sulcate above and carinate beneath in the dried specimen. Inflorescence apparently 1-flowered, the pedicellate ovary issuing from several scarious imbricated lanceolate bracts. Dorsal sepal elliptic to elliptic-lanceolate, 9.6–13.9 mm. long, 4.2 mm. wide, acute or obtuse at the more or less cucullate apex, prominently 5-nerved, often with shorter supplementary nerves. Lateral sepals lanceolate to ovate-lanceolate, oblique, otherwise closely similar to the dorsal sepal. Petals oblong-lanceolate, to elliptic-lanceolate, oblique, 10–13.1 mm. long, 3.1–3.5 mm. wide, acute, with 3 conspicuous nerves. Labellum arcuate-reflexed in natural position, when forcibly extended obovate-oblong with a thickened cuneate base, 1.28–1.6 cm. long, 7.2–7.7 mm. wide across the slightly broader apical portion, very broadly rounded or shallowly bilobed at the apex, the margins undulate and minutely crenulate; disc fleshy-thickened through the center, the thickening diminishing toward the apex. Column slightly arcuate, 7.2 to nearly 9 mm. tall at the back, provided near the apex with a pair of round-triangular wings; foot short, dilated, forming with the sepals a conspicuous mentum. Pollinia 4, complanate-semiorbicular.

3800 ft., 923 (duplicate type in Herbarium of Oakes Ames no. 35347). *Scaphyglottis grandiflora* is related to *S. violacea* Lindl., but has larger flowers, dissimilar lip, and round-auricled column.