

Scaphyglottis pachybulbon (Schlechter) Dressler, comb. nov. Basionym: *Hexadesmia pachybulbon* Schlechter, Repert. Spec. Nov. Regni Veg. Beih. 17: 26. 1922. TYPE: Panama. *C. W. Powell 229* (holotype, B destroyed; isotypes, AMES, MO).

Even with the removal of *Scaphyglottis pachybulbon*, of Costa Rica and western Panama, *S. lindeniana* remains a variable species ranging from Mexico to Bolivia. John Atwood finds *S. pachybulbon* to be sympatric with *S. lindeniana* in the area of Monteverde and considers them quite distinct (pers. comm.). Further, preliminary analyses of DNA suggest that *S. lindeniana* and *S. pachybulbon* are closely allied but distinct (Dressler, Williams & Whitten, in prep.). While no one feature is absolute in separating them, there are a number of features that, together, separate them quite well. The pseudobulbs are different in shape, the basal stipes are much shorter in *S. pachybulbon*, and the proportions of the lip are also distinctive. The only specimens about which I have any doubts are very poor or quite incomplete. The differences in proportion of both plant and flower are summarized in Table 1.

Table 1. A comparison of *Scaphyglottis lindeniana* and *S. pachybulbon*.

| | <i>S. pachybulbon</i> | <i>S. lindeniana</i> |
|--------------------------|--|---------------------------------|
| Stipe | shorter than pseudobulb, usually thick | longer than pseudobulb, slender |
| Pseudobulb | thickest basally | subfusiform |
| Leaves | narrow, length = 6–10 × width | wider, length = 3–5 × width |
| Lip | widest below middle, white | middle subequal to apex, green |
| Base of lip (below bend) | shorter than blade | longer than blade |