

## NOMENCLATORIAL NOTES. II.

BY

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**Sarcoglottis Schaffneri** (*Reichb.f.*) Ames in Donnell-Smith Enum. Pl. Guatem. 7 (1905) 50.

*Spiranthes Schaffneri* Reichenbach filius in Linnaea 28 (1856) 382.

*Gyrostachys Schaffneri* O. Kuntze Rev. Gen. Pl. 2 (1891) 664.

*Pelexia Schaffneri* Schlechter in Beihefte Bot. Centralbl. 37, Abt. 2 (1920) 399.

*Sarcoglottis pubilabia* Ames in Sched. Orch. 2 (1923) 11.

*Sarcoglottis zamororae* Ames in Sched. Orch. 2 (1923) 13.

A drawing of *Spiranthes Schaffneri* recently received from the Reichenbachian Herbarium at Vienna shows beyond the shadow of a doubt that this species should include as synonyms the plants described as *Sarcoglottis pubilabia* and *Sarcoglottis zamororae*. Both of these species differ from *Spiranthes Schaffneri* in being commonly taller and always leafless at the time of blooming. However, in the type number of *Sarcoglottis pubilabia* there is one mature plant with withered floral remains at the summit of swollen ovaries which bears a cluster of very young imbricating leaf-blades appearing roughly similar in miniature to those illustrated by the scarcely expanded leaf-blades of *Spiranthes Schaffneri*. Furthermore, a recently examined Mexican specimen sent by Erik M. Östlund consists of a separate tuft of leaves said to belong to a collection which is certainly referable to *Sarcoglottis Schaffneri*. These leaf-blades (three in number) are of much the same oblong-elliptic shape as those shown by Reichenbach's drawing of *Spiranthes Schaffneri*, but are

somewhat longer and narrower than specified by the type description. The record of Reichenbach's species shows a distinctly 3-lobed lip and the other perianth organs are the exact counterpart of those of *Sarcoglottis pubilabia* and *Sarcoglottis zamororae*.

It appears that there is no justification for regarding *Sarcoglottis zamororae* as distinct from *S. pubilabia* for the lips of both species show the presence of pilose hairs on the lower part of the disc in varying distinctness. The flowers of *S. pubilabia* appear to be somewhat smaller and are denser in the upper portion of the raceme than those of *S. zamororae*.

The concept *Sarcoglottis* is preferred to *Spiranthes* because the lateral sepals are long-decurrent on the ovary unlike true *Spiranthes*, but they do not form a distinct spur as in the genus *Pelexia*.



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