

NOMENCLATORIAL NOTES. II.

BY

CHARLES SCHWEINFURTH

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*.



Schweinfurth, Charles. 1935. "Nomenclatorial Notes. II." *Botanical Museum leaflets, Harvard University* 3(7), 111–112. <https://doi.org/10.5962/p.295092>.

View This Item Online: <https://www.biodiversitylibrary.org/item/31880>

DOI: <https://doi.org/10.5962/p.295092>

Permalink: <https://www.biodiversitylibrary.org/partpdf/295092>

Holding Institution

Missouri Botanical Garden, Peter H. Raven Library

Sponsored by

Missouri Botanical Garden

Copyright & Reuse

Copyright Status: Public domain. The BHL considers that this work is no longer under copyright protection.

License: <http://creativecommons.org/licenses/by-nc-sa/3.0/>

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at <https://www.biodiversitylibrary.org>.