

CLARIFICATION OF TWO TAXON NAMES IN *PHRAGMIPEDIUM* (ORCHIDACEAE, CYPRIPEDIOIDEAE)

EDGAR MÓ^{1,2,5}, EDUARDO A. PÉREZ-GARCÍA³ & WILLIAM CETZAL-IX⁴

¹ Orquideario Agronomía-CUNOR-USAC, Centro Universitario del Norte,
Universidad de San Carlos de Guatemala, Cobán, Alta Verapaz, Guatemala

² Orquigonía, Centro de Rescate y Conservación de Orquídeas, Cobán, Alta Verapaz, Guatemala

³ Departamento de Ecología y Recursos Naturales, Facultad de Ciencias, Universidad Nacional Autónoma
de México, Ciudad Universitaria, Del. Coyoacán, 04510, México, D.F., México

⁴ Instituto Tecnológico de Chiná, Calle 11, Colonia Centro Chiná 24050, Campeche, México

⁵ Author for correspondence: alfredomo2@hotmail.com

ABSTRACT. The names of two subspecies of *Phragmipedium humboldtii* from Guatemala, *P. humboldtii* subsp. *monstruosum* and *P. humboldtii* subsp. *triandrum* (Orchidaceae, Cyripedioideae) were wrongly cited when proposed in *Die Orchidee* 66(3), 2015. The new status of these subspecies was based on an incorrect authorship of *P. humboldtii*, which instead of (Warsz. ex Rchb.f.) J.T. Atwood & Dressler, should be (Warsz.) J.T. Atwood & Dressler. The formal names of the subspecies are clarified here.

KEY WORDS: Guatemala, invalid names, Lady slippers, nomenclature, subspecies

The genus *Phragmipedium* Rolfe includes 22 species, four subspecies and three natural hybrids, ranging from Mexico to South America (Gruss 2003; Pérez-García & Mó 2015). Most species occur in South America and only a few in Mexico and Central America. In Guatemala, only four subspecies of *P. humboldtii* (Warsz.) J.T. Atwood & Dressler have been formally recorded: *P. humboldtii* subsp. *humboldtii*, *P. humboldtii* subsp. *extaminodium* (Castaño, Hágsater & E. Aguirre) J.T. Atwood & Dressler ex J.M.H. Shaw, *P. humboldtii* subsp. *triandrum* (Archila) Mó & Pérez-García and *P. humboldtii* subsp. *monstruosum* (Archila) Mó & Pérez-García (Pérez-García & Mó 2015). However, the new status of these last two subspecies was wrongly cited by Pérez-García and Mó (2015: 222), because previously Pupulin and Dressler (2011) indicated that the correct name for this species is *P. humboldtii* (Warsz.) J.T. Atwood & Dressler instead of *P. humboldtii* (Warsz. ex Rchb.f.) J.T. Atwood & Dressler. Hence, *P. humboldtii* (Warsz.) J.T. Atwood & Dressler subsp. *triandrum* (Archila) Mó & Pérez-García and *P. humboldtii* (Warsz.) J.T. Atwood

& Dressler subsp. *monstruosum* (Archila) Mó & Pérez-García is how these subspecies have to be correctly named.

ACKNOWLEDGEMENTS. We thank Gustavo Romero-González (AMES) and Franco Pupulin (JBL) and two anonymous reviewers by the comments and recommendations to improve this article.

LITERATURE CITED

- Archila, M. (1999). Dos nuevas entidades del género *Phragmipedium* Rolfe para Guatemala, *Phragmipedium monstruosum* Archila y *Phragmipedium triandrum* Archila. *Revista Guatemalensis*, 2: 3-9.
- Gruss, O. (2003). A checklist of the genus *Phragmipedium*. *Orchid Digest*, 67: 213-241.
- Pérez-García, E.A. & Mó, E.A. (2015). Die Cyripedioideae von Mesoamerika Teil 2b *Phragmipedium*. *Die Orchidee*, 66(3): 216-225.
- Pupulin, F. & Dressler, R.L. (2011). A nomenclatural note on *Cypripedium humboldtii* (Orchidaceae: Cyripedioideae). *Harvard Papers in Botany*, 16(1): 157-159.

