

# Erratum to: Crown rust fungi with short lifecycles – the *Puccinia mesnieriana* species complex

Sarah Hambleton<sup>1,\*</sup>, Miao Liu<sup>1,\*</sup>, Quinn Eggertson<sup>1</sup>, Sylvia Wilson<sup>1,\*\*</sup>, Julie Carey<sup>1</sup>, Yehoshua Anikster<sup>2</sup> & James A. Kolmer<sup>3</sup>

<sup>1</sup> Biodiversity and Bioresources, Ottawa Research and Development Centre, Agriculture and Agri-Food Canada, Ottawa, ON K1A 0C6, Canada.

<sup>2</sup> Institute for Cereal Crops Improvement, George S. Wise Faculty of Life Science, Tel Aviv University, Tel Aviv 69978, Israel.

<sup>3</sup> USDA-ARS Cereal Disease Laboratory, St. Paul, MN 55108, USA

\* Corresponding authors: S. Hambleton and M. Liu contributed equally to this study; emails: sarah.hambleton@canada.ca; miao.liu@canada.ca

\*\* Current address: Ottawa Plant Laboratory (Fallowfield) - Plant Pathology, Canadian Food Inspection Agency, Nepean ON K2H 8P9 Canada

Hambleton S., Liu M., Eggertson Q., Wilson S., Carey J., Anikster Y. & Kolmer J.A. (2019) Erratum to: Crown rust fungi with short lifecycles – the *Puccinia mesnieriana* species complex. – *Sydowia* 71: 139.

In the original article published on-line on June 6, 2019 (Hambleton et al. 2019), two lectotypes and two epitypes were designated. These were not compliant with the International Code of Nomenclature for algae, fungi, and plants article F.5.4 (Turland et al. 2018) because they lacked typification registration identifiers. This oversight is corrected here with Mycobank typification numbers.

## Taxonomy

***Puccinia digitata*** Ellis & Harkn., Bull. Calf. Acad., 1: 27. 1884.

Lectotypus (**here designated**, MycoBank MBT 388272). – USA. California, Tamalpais, on leaves of *Rhamnus crocea*, n.d., leg. H.W. Harkness (NY 1840381).

Epitypus (**here designated**, MycoBank MBT 388273). – USA. California, Los Angeles Co., Palmer's Canyon, on *Rhamnus crocea* var. *ilicifolia*, 8 June 1935, leg. W.H. Wheeler (BPI 085602; ex-epitype sequences: ITS-28S KX036376, COI KX036372).

***Puccinia mesnieriana*** Thüm., Mycoth. Univ., Cent. 9, no. 834, 1877.

Lectotypus (**here designated**, MycoBank MBT 388270). – PORTUGAL. Coimbra, on leaves of *Rhamnus alaternus*, Jul.

1876, leg. P.G. Mesnier (BPI 085572, Mycotheca Universalis, Centurie 9 # 834).

Epitypus (**here designated**, MycoBank MBT 388271). – PORTUGAL. Lisbon, Topada da Aejuda, Garden, Institute of Agronomy, on leaves of *Rhamnus alaternus*, May 1932, leg. Silva Teixeira (BPI 085567; ex-epitype sequences: ITS-28S KF661260, COI KF661275).

## References

- Hambleton S., Liu M., Eggertson Q., Wilson S., Carey J., Anikster Y. & Kolmer J.A. (2019) Crown rust fungi with short lifecycles – the *Puccinia mesnieriana* species complex. *Sydowia* 71: 47–63. DOI 10.12905/0380.sydowia71-2019-0047
- Turland N.J., Wiersema J.H., Barrie F.R., Greuter, W., Hawksworth D.L., Herendeen P.S., Knapp S., Kusber W.-H., Li D.-Z., Marhold K., May T.W., McNeill J., Monro A.M., Prado J., Price M.J., Smith G.F. (eds.) (2018) *International Code of Nomenclature for algae, fungi, and plants (Shenzhen Code) adopted by the Nineteenth International Botanical Congress Shenzhen, China, July 2017*. Regnum Vegetabile 159. Glashütten: Koeltz Botanical Books. DOI <https://doi.org/10.12705/Code.2018>

(Manuscript accepted 31 July 2019; Corresponding Editor: I. Krisai-Greilhuber)

© Her Majesty the Queen in Right of Canada, as represented by the Minister of Agriculture and Agri-Food Canada (S.H., M.L. Q.E. S.W. and J.C.)