

Taxonomic Note

Palmatolepis spallettae, new name for a Frasnian conodont species

Gilbert Klapper,¹ Thomas T. Uyeno,² Derek K. Armstrong,³ and Peter G. Telford⁴

¹Department of Earth and Planetary Sciences, Northwestern University, Evanston, Illinois 60208, USA (g-klapper@northwestern.edu)

²Emeritus, Geological Survey of Canada, 3303-33rd St NW, Calgary, Alberta, T2L 2A7, Canada (TUyeno@NRCan.gc.ca)

³Ontario Geological Survey, 933 Ramsey Road, Sudbury, Ontario, P3E 6B5, Canada

⁴Departmental Associate, Department of Palaeobiology, Royal Ontario Museum, 100 Queen's Park, Toronto, Ontario, M5S 2C6, Canada

R. Thomas Becker and Sven Hartenfels of the Westfälische Wilhelms-Universität, Münster, Germany, have kindly informed us that the name *Palmatolepis nodosa* (Klapper et al., 2004, p. 381) based on a Frasnian conodont species from northern Ontario is preoccupied. An earlier name, *Palmatolepis marginifera nodosus*, was established by Xiong (1983, p. 313) based on a Famennian conodont subspecies from southwest China. Species and subspecies within the same genus are coordinate for the purposes of homonymy. Nor does it prevent homonymy that Xiong used a masculine ending for his subspecies, as it is automatically corrected to a feminine ending to agree with the gender of the genus name.

We propose *Palmatolepis spallettae* as the replacement name for the species we described from the Onakawana B Drillhole. The name honors Claudia Spalletta of the University of Bologna, Italy, for her many important contributions to Devonian and Carboniferous conodont biostratigraphy and taxonomy. The species occurs within Frasnian Zone 12

(Klapper et al., 2004, p. 375); this is the preferred zonal terminology used in that paper, as well as was formalized by Klapper and Kirchgasser (2016).

References

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- Xiong, J.-F., 1983, Devonian conodonts, in Chengdu Institute of Geology and Mineral Resources, eds., *Paleontological Atlas of Southwest China, Volume of Microfossils*: Beijing, Geological Publishing House, p. 301–319. (in Chinese)

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