

MICROPALAEONTOLOGY NOTEBOOK

Designation of holotypes for new species of *Iapetonudus* Nicoll, Miller, Nowlan, Repetski and Ethington and *Iapetognathus* Landing

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In the course of publication of a large manuscript on earliest Ordovician conodont species and their utility for biostratigraphy (Nicoll *et al.*, 1999), an error occurred, resulting in the lack of designation of holotypes for the type species of the genus *Iapetonudus* and some new species of *Iapetognathus*. Herein, we remedy this error so that the originally published specimens are regarded as fully established holotypes rather than as syntypes in the future.

As the original authors of these species, we establish the following holotypes:

- For the species *Iapetognathus fluctivagus* Nicoll, Miller, Nowlan, Repetski and Ethington, we designate the Pa element illustrated on Pl. 11, fig. 6, USNM 498962.
- For the species *Iapetognathus jilinensis* Nicoll, Miller, Nowlan, Repetski and Ethington, we designate the Pa element illustrated as Pl. 14, fig. 4, USNM 498973.

- For the species *Iapetognathus landingi* Nicoll, Miller, Nowlan, Repetski and Ethington, we designate the Pa element illustrated as Pl. 20, fig. 3, USNM 498996.
- For the species *Iapetonudus ibexensis* Nicoll, Miller, Nowlan, Repetski and Ethington, we designate the Pa element illustrated as Pl. 23, fig. 3, USNM 499009.

REFERENCE

Nicoll, R. S., Miller, J. F., Nowlan, G. S., Repetski, J. E. and Ethington, R. L. 1999. *Iapetonudus* (N. gen.) and *Iapetognathus* Landing, unusual earliest Ordovician multielement conodont taxa and their utility for biostratigraphy. *Brigham Young University Geology Studies*, **44**: 27–101.