

## Nycteroleter affinities of a Permian parareptile from the South African Karoo Basin

Juan Carlos Cisneros and Linda Akiko Tsuji

*Acta Palaeontologica Polonica* 54 (1), 2009: 165-169 doi:<http://dx.doi.org/10.4202/app.2009.0118>

The Middle Permian Tapinocephalus Assemblage Zone (AZ) in South Africa has produced a rich record of tetrapods dominated by dinocephalian therapsids and pareiasaurid parareptiles (Kitching 1977, Smith and Keyser 1995a). A partial postcranium from this horizon was referred to a procolophonoid parareptile (Gow and Rubidge 1997), and would constitute the oldest global record of the Procolophonoidea. In this study we reassess the affinities of this specimen, providing evidence that it is instead referable to a “nycteroleter” parareptile, an identification that is more compatible with the age of this fossil. Accordingly, this specimen represents the first record of a member of the nycteroleter clade in Gondwana.

Juan Carlos Cisneros [[cisneros.jc@gmail.com](mailto:cisneros.jc@gmail.com)] Bernard Price Institute for Palaeontological Research, University of the Witwatersrand, Johannesburg. Present address: Departamento de Paleontologia e Estratigrafia, Universidade Federal do Rio Grande do Sul (CNPq), Porto Alegre, CP 15001, 91501-970, Brazil; Linda Akiko Tsuji [[linda.tsuji@museum.hu-berlin.de](mailto:linda.tsuji@museum.hu-berlin.de)] Humboldt-Universität, Museum für Naturkunde, 10099, Berlin, Germany

This is an open-access article distributed under the terms of the Creative Commons Attribution License (for details please see [creativecommons.org](http://creativecommons.org)), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.