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Replacement names for two nematode junior homonyms

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During taxonomic investigations of nematodes that parasitize millipedes, we reviewed the literature on the nematode genus *Robertia* Travassos & Kloss, 1961. This literature search also revealed the existence of two other identical genus-group names for taxa in Chordata and Arthropoda: *Robertia* Boonstra, 1948 (extinct Permian non-mammalian synapsid) and *Robertia* Saaristo, 2006 (theridiid spider from the Seychelles), respectively. Of these three homonyms, *Robertia* Boonstra, 1948 clearly has priority. The spider name *Robertia* recently was replaced with *Seycellesa* Kocak & Kemal, 2008. The nematode genus-name also is a junior homonym and requires replacement. We propose the **new replacement name** *Traklosia* for *Robertia* Travassos & Kloss, 1961.

In addition to the genus-group names, two family-group names Robertiidae have been proposed, respectively, for the synapsid and nematode genera. The synapsid family name Robertiidae Cluver & King, 1983 is a junior synonym of Pylaecephalidae (van Hoepen, 1934) Kammerer & Angielczyk 2009 (see Sullivan & Reisz 2005, Kammerer & Angielczyk 2009). The nematode family name Robertiidae Travassos & Kloss, 1961 must also be rejected as it is based on a junior homonym genus name and furthermore a junior homonym to the synapsid Robertiidae (ICZN, Article 39); we propose Traklosiidae **new replacement name** to accommodate *Traklosia* and related nematode genera.

Phylum CHORDATA
Clade SYNAPSIDA-ANOMODONTIA-DICYNODONTIA (after Kammerer & Angielczyk 2009)
Family PYLAECEPHALIDAE van Hoepen, 1934 (as subfamily Pylaecephalinae) (Kammerer &Angielczyk 2009)
Type genus: *Pylaecephalus* van Hoepen, 1934 (type species by original designation *Dicynodon ictidops* Broom, 1913, a subjective junior synonym of *Dicynodon feliceps* Owen, 1876). See discussions in Kammerer & Angielczyk (2009) and Angielczyk & Rubidge (2010).
Synonym: ROBERTIIDAE Cluver & King, 1983
Type genus by original designation and sole genus: *Robertia* Boonstra, 1948: 61 (type species by original designation: *Robertia broomiana* Boonstra, 1948).

Phylum NEMATODA
Infraorder Oxyuridomorpha
Family TRAKLOSIIDAE new replacement name for ROBERTIIDAE Travassos & Kloss, 1960
Type genus: *Traklosia* **new replacement name** for *Robertia* Travassos & Kloss 1961: 188 (type species by original designation: *Traklosia leiperi* (Travassos & Kloss, 1961) **new combination**

Other species:
Traklosia cubana (Spiridonov, 1984) **new combination**
Traklosia longicauda (Garcia, Coy & Alvarez, 1995) **new combination**

Other genus: *Triumphalisnema* Kloss, 1962

Etymology. The genus is named with a combination of the first three letters (Tra-, Klo-) of the names of the authors who described the nematode genus *Robertia*.

Remarks. According to dates of publication, Travassos & Kloss (1961) established the family Robertiidae with *Robertia leiperi* designated as the type genus and species. These authors cited a 1960 date for their description of *R.*

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leiperi as follows: "*Sur un curieux nématode parasite de l'intestin postérieur de Diplopode*—Robertia leiperi *gen. n., sp. n. J. Helmint. Londres—no prelo*". This citation was given without mention of volume or pagination. We have searched volumes 33–35 of *Journal of Helminthology* but have been unable to locate this preliminary note. One plausible scenario is that a short announcement of *Robertia* n. gen. was submitted to the *Journal of Helminthology* in 1960, then cited in Travassos & Kloss (1960) in anticipation of its being published, but not accepted. Meanwhile, in this scenario the manuscript for the 1961 paper was already submitted and the errant "preliminary note" citation was not removed. Another possibility is that publication of the R.T. Leiper Supplement for the *Journal of Helminthology* was intended for 1960, but delayed until 1961. In any event, Travassos & Kloss (1961) is the correct citation for the description of *R. leiperi.*

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