



## 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.*