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ERRATUM

Erratum to: Rooting Around the Eutherian Family Tree: the Origin and Relations of the Taeniodonta

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The original version of this article contained some errors having to do with character coding, character state assignments for some taxa, and character definitions. Discovery of these errors requires changes to our character matrices and reanalysis, as we detail below.

In the characters used to test the cimolestan ancestry of taeniodonts (Appendix 1), an asterisk indicating additive characters is required for character 2 and 23. The states of character 2 should be rearranged from small (0), large (1), and absent (2) to absent (0), small (1), and large (2), with changes accordingly to the matrix. In the characters used to test membership of taeniodonts in the eutherian crown group (Appendix 2), the state of characters 10, 14, and 133 are unknown in *Schowalteria* and therefore should not be coded in the taxon. For *Schowalteria*, character 22 should be coded as "0" and character 69 should be "2" for *Schowalteria* and *Alveugena*. Reanalysis using a revised matrix (Appendix 1) returned a single most parsimonious tree from 7,388,776 trees with a length of 191, CI of 0.30, and RI of 0.62. Bremer support values for the first analysis have changed, but the overall topology and conclusions have not. The clade containing *Didelphodus* has a support of 2 (up from 1) with *Aaptoryctes* and *Palaeoryctes* supported by 3 (up from 1), while the clade containing the cimolestids and taeniodonts has a support of 4 (up from 1). Within the taeniodonts, the clade containing *Onychodectes* and that containing *Schochia* each have a support of 1 (down from 2), while the clade containing *Psittacotherium* is supported by 4 (up from 3). *Conoryctes* and *Huerfandon* (which should be *Huerfanodon*) are supported by 2 (up from 1), and *Ectoganus* and *Stylinodon* by 7 (up from 6).

Reanalysis using a revised Appendix 2 resulted in three most parsimonious trees from 170,862,118 trees examined with a length of 2627, CI of 0.22, and RI of 0.47. The new second analysis, though the topology is unchanged, returned a Bremer support of 3 (down from 4) for *Alveugena* + *Schowalteria*.

Finally, for completeness, we mention that *Robertschochia* Lucas, 2011, is currently the valid name for *Schochia*. We thank Dr. Richard Fox for bringing to our attention errors having to do with the coding of *Schowalteria*.

The online version of the original article can be found at http://dx.doi.org/10.1007/s10914-013-9230-9.

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