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## SUPPLEMENTARY ONLINE MATERIAL FOR

Adriana M. Candela

### **Analyzing the impact of conflictive dental characters on the phylogeny of octodontoid rodents**

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#### **Supplementary Online Material available at**

[http://app.pan.pl/SOM/app61-Candela\\_SOM/SOM.xlsx](http://app.pan.pl/SOM/app61-Candela_SOM/SOM.xlsx)

**SOM 1.** Data matrix (54 terminal taxa and 73 characters). Codings for most of the characters are as given in Verzi et al. (2014), except character state 69, coded as [01] for †*Acaremys* (marked in grey).

**SOM 2.** Character matrix with codings as in SOM 1 and recoding character state 67, replacing the “?” by character state 67-1 in *Thrichomys*, *Carterodon*, †*Theridomysops*, *Clyomys*, *Euryzygomatomys*, †*Pampamys*, †*Eumysops*, †*Maruchito*, *Echimys*, *Phyllomys*, *Kannabateomys*, *Isothrix*, *Dactylomys*, abrocomyids, ctenomyines, and the most part of the traditional octodontinaes. Character state 69 for †*Acaremys* and character 67 are marked in grey.

**SOM 3.** Character matrix as in SOM 2 and recoding of character 68, adding the character state 68-2 (absent), which replaced the “?” in ctenomyines, abrocomyids, and octodontines. In addition, character state 68-1 replaced the “?” in *Euryzygomatomys*, *Thrichomys*, †*Theridomysops*, †*Eumysops*, *Clyomys*, and *Carterodon*. Character state 69 for †*Acaremys* and characters 67 and 68 are marked in grey.