**A new Toxodontia (Mammalia, Panperissodactyla, Notoungulata) from the Oligocene of Patagonia, Argentina, and systematic considerations about the paraphyletic ‘Notohippidae’**

Gastón Martíneza,b\*, María T. Dozoa,c, Javier N. Gelfoa,d, Martín R. Ciancioa,d,e and Rolando González-Joséa,f

*aConsejo Nacional de Investigaciones Científicas y Técnicas, Godoy Cruz 2290, CABA, C1425FQB, Argentina; bMuseo de Paleontología, Facultad de Ciencias Exactas, Físicas y Naturales, Universidad Nacional de Córdoba, Vélez Sarsfield 249, Córdoba, X5000JJC, Argentina; cInstituto Patagónico de Geología y Paleontología, CCT CONICET-CENPAT, Brown 2915, Puerto Madryn, U9120ACD, Argentina; dDivisión Paleontología Vertebrados, Museo de La Plata, Facultad de Ciencias Naturales y Museo, Universidad Nacional de La Plata, Paseo del Bosque s/n, La Plata, B1900FWA, Argentina; eLaboratorio de Morfología Evolutiva y Desarrollo (MORPHOS), Museo de La Plata, FCNyM, UNLP; fInstituto Patagónico de Ciencias Sociales y Humanas, CCT CONICET-CENPAT, Brown 2915, Puerto Madryn, U9120ACD, Argentina;*

(Received 9 July 2020; accepted 18 December 2020)

\* Corresponding author. Email: [gmartinez@unc.edu.ar](mailto:gmartinez@unc.edu.ar)

**(Supplemental material 4)**

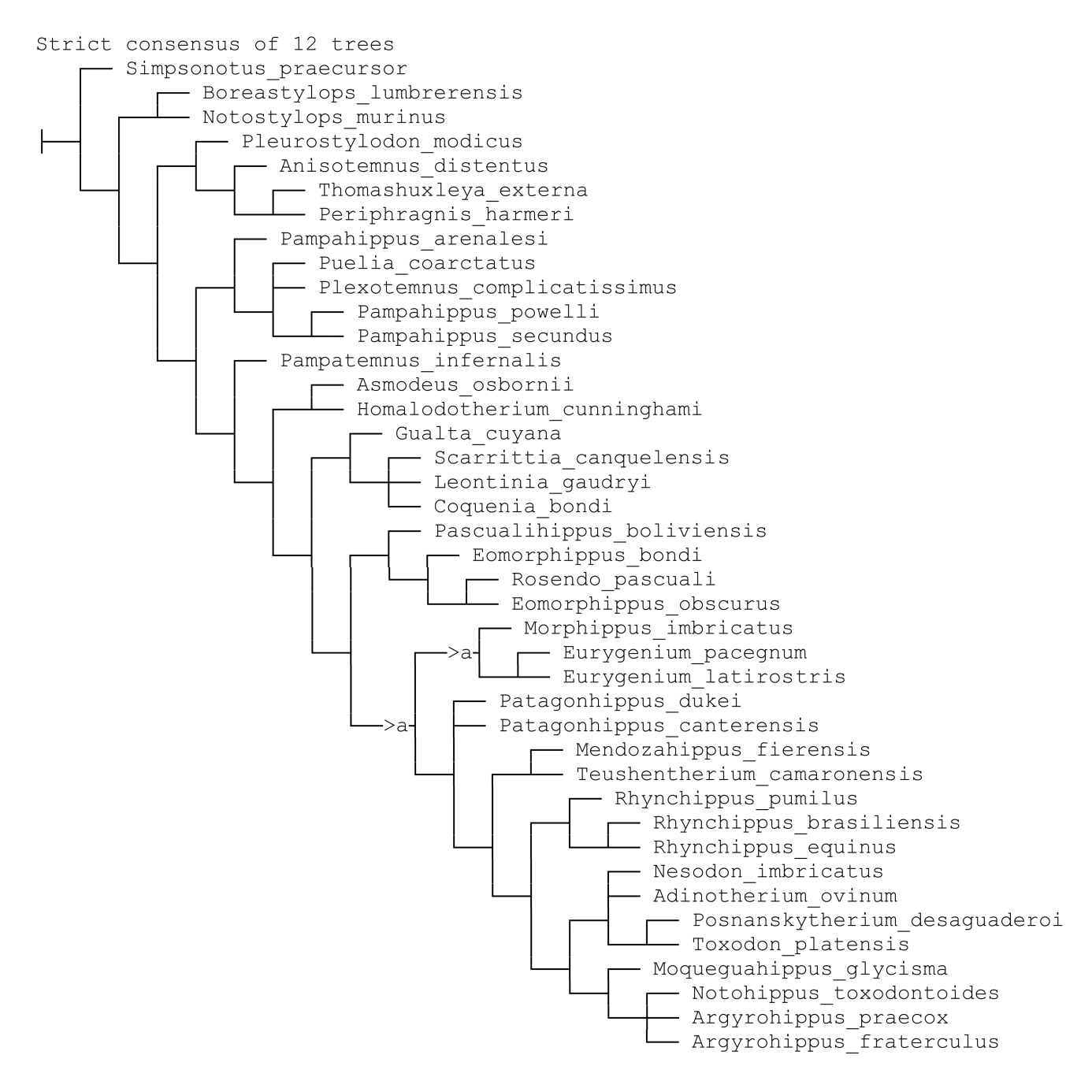
IterPCR results

The following reduced consensus is obtained after prunning the most unstable taxa:

================================================================================

Note: for consensus calculation, trees will be

temporarily collapsed (when min. branch length = 0)



Legends:

a: Eomorphippus\_neilopdykei (22)

----------------------------------------------------------------------------

The following taxa are unstable and collapse nodes in the strict consensus:

----------------------------------------------------------------------------

Eomorphippus\_neilopdykei

Scoring the following characters may help to resolve its position:

1 4 9 18 24 25 27 30 41 45 53 69 75 76 80 83 84 87 88

================================================================================

EVALUATING CHARACTERS INVOLVED IN ALTERNATIVE POSITIONS OF UNSTABLE TAXA TOOK 0 SECONDS

================================================================================