

Early Miocene aequipectinin bivalves of the Pirabas Formation of the Pará State, northeastern Brazil

María Belén Santelli, Claudia J. Del Río, Vladimir De Araújo Távora, and Maria Inês Feijó Ramos
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A taxonomic revision of the Tribe Aequiptectini from the upper Burdigalian, Lower Miocene Pirabas Formation in Brazil) resulted in an identification of *Leptopecten daideleus* comb. nov., *Perapecten tetristriatus* and description of *Iemanjavola monlafertei* gen. et sp. nov. The genus *Perapecten* is re-validated, *P. tetristriatus* being the first fossil representative of the genus, extending it back to the Early Miocene of the western Atlantic Ocean and Middle Miocene–Pliocene *Perapecten scabrellus* from the Mediterranean Sea/Central Paratethys is included into *Perapecten*. We also reported the oldest record of *Leptopecten*, which along with *Perapecten*, seem to have originated in the Early Miocene tropical region of the western Atlantic Ocean. *Leptopecten* dispersed during the Middle or Late Miocene to the eastern Pacific through the Central American Seaway, while *Perapecten* spread across the North Atlantic into Europe via the Circumtropical Current and the Gulf Stream/North Atlantic Drift.

Key words: Bivalvia, Pectinidae, *Leptopecten*, *Perapecten*, *Iemanjavola*, Central American Seaway, ocean currents, Miocene, Pirabas Formation, Brazil.

María Belén Santelli [mbsantelli@gmail.com; ORCID: <https://orcid.org/0000-0003-3077-4384>] and Claudia J. del Río [claudiajdelrio@gmail.com; ORCID: <https://orcid.org/0000-0001-5167-9656>], División Paleoinvertebrados, Museo Argentino de Ciencias Naturales “Bernardino Rivadavia” (MACN-CONICET), Av. Ángel Gallardo 470, C1405DJR, Ciudad Autónoma de Buenos Aires, Argentina. Vladimir de Araújo Távora [vladimir@ufpa.br; ORCID: <https://orcid.org/0000-0001-5053-1422>], Instituto de Geo-ciências (IG), Universidade Federal do Pará (UFPA), Av. Augusto Correa 01, Caixa Postal 1611, CEP 66075-110 Belém, Pará, Brasil. Maria Inês Feijó Ramos [mramos@museu-goeldi.br; ORCID: <https://orcid.org/0000-0003-0276-0575>], Museu Para-ense Emílio Goeldi (MPEG), Av. Perimetral 1901, CEP 66077-830 Belém, Pará, Brasil.

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