

A sea turtle skull from the Cretaceous of Chile with comments on the taxonomy and biogeography of *Euclastes* (formerly *Osteopygis*)

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The taxonomic status of turtle specimens from the Upper Cretaceous (upper Maastrichtian) Quiriquina Formation of Chile is unresolved. The previously described specimens were considered either stem-cheloniid sea turtles or baenids (a freshwater clade otherwise restricted to North America). A third specimen, a skull described here, supports previous report that stem-cheloniid sea turtles are present in the Quiriquina Formation. The new skull is referred to the stem-cheloniid genus *Euclastes* (formerly *Osteopygis*), but not assigned to a species because the alpha taxonomy is complicated by lingering confusion about the taxonomic status of a previously described skull from the Quiriquina Formation (the holotype of *Australobaena chilensis*). Revisions to the higher-level taxonomy of durophagous stem cheloniids, combined with the specimen described here, and other new material from Gondwana, reveal an emerging pattern of *Euclastes* biogeography and stratigraphic distribution. According to curren