

Interactive comment on “Neogene Caribbean elasmobranchs: Diversity, paleoecology and paleoenvironmental significance of the Cocinetas Basin assemblage (Guajira Peninsula, Colombia)” by Jorge Domingo Carrillo-Briceño et al.

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Since I am currently taking part in a cooperative study of the Neogene elasmobranch assemblages of Peru, this preprint drew my attention. Previously published information, original data and observations, and palaeoenvironmental/palaeobiological interpretations are clearly distinct in the manuscript. Systematic attributions of the figured specimens and palaeoecological inferences reflect the modern standards. Interpretations and conclusions are always well-founded and meaningful, and often of large-scale impact. The quality of the figures is top-notch. The bibliography section is exhaustive.

Overall, it is my contention that this paper marks excellence in palaeoichthyological research by investigating a complex assemblage of palaeo-scenarios via the integration of systematic palaeontology and isotope geochemistry, both aspects relying on a solid stratigraphic background. After publication, this work will surely represent a much useful contribution for all those researchers working on the Cainozoic history of elasmobranchs along the coasts of South and Central America.

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