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New fossil triakid sharks from the Eocene of Prémontré, France and comments on fossil record of the family

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During the last two decades, an abundant selachian assemblage has been collected from the late Ypresian (NP12)
fossiliferous sands of Prémontré (Aisne, northern France) but has received little attention.
Sharks of the family Triakidae (Carcharhiniformes) are particularly well represented and all
are described and figured herein. Among them, two new species of the genus *Galeorhinus* are described: *G. duchaussoisi* sp. nov. and *G. louisi* sp. nov.; these are compared to the common Paleogene *G. ypresiensis* which is refigured. Another triakid taxon, the genus *Gomphogaleus* gen. nov., is described. Most of the triakids have been recorded elsewhere in the North Atlantic region, suggesting a wider distribution than expected for these small sharks during the Paleogene. The present paper updates the list of selachians from Prémontré, bringing the number of taxa from 19 to 33 (including 22 sharks and 11 batoids) and improving our knowledge of the ancient North Atlantic Ypresian selachian fauna. Despite this vastly improved record, it is clear that fossil data are still very incomplete and insufficient for calibrating phylogenetic hypotheses of living forms. Review of the Prémontré fauna shows that the Triakidae were much more diverse and broadly distributed than at present, suggesting that the limited distribution and low diversity of living forms is probably a recent phenomenon.

Key words: Chondrichthyes, Triakidae, Galeorhinus, Gomphogaleus, Eocene, France

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