

## A new Cambrian catillicephalid trilobite from the Shallow Bay Formation of western Newfoundland, Canada

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Species of *Catillicephala* are known from sites around the mid-Cambrian margin of Laurentian North America, including Vermont, Quebec, Newfoundland and North Greenland. *Catillicephala cifellii* sp. nov. is from the Downes Point Member of the Shallow Bay Formation (Cow Head Group) in western Newfoundland. It occurs in three shelf margin-derived boulders in debris flow conglomerates that accumulated in a continental slope setting. The associated trilobites and agnostoid arthropods, including *Ptychagnostus aculeatus* and *Megagnostus glandiformis*, indicate a correlation with the *Lejopyge laevigata* Zone. As such, *C. cifellii* is among the oldest representatives of the genus, and is early Guzhangian in age.

**Key words:** Trilobita, *Catillicephala*, Cambrian, Laurentia, North America.

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