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PLEISTOCENE RADIOLARIA FROM THE KERGUELEN PLATEAU, LEG 119, SECTIONS 1H AND 2H

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ABSTRACT

Twenty core samples from the Leg 119 Site 745 (Sections 1H to 2H) on the Kerguelen-Heard Plateau in the Southern Ocean region yielded, thirty-eight well-preserved radiolarian taxa which were studied and illustrated. The systematics, biostratigraphy, distribution in the core and comparison with radiolarian occurrences from other regions are presented. Two radiolarian zones are established viz. Psi and Omega in the sections. Ten new species are described but not formally named. The primary purpose of this paper is to present a first detailed Antarctic Pleistocene radiolarian data and refined biozone boundaries for comparative studies with other parts of the Antarctic region.

Keywords: Pleistocene radiolaria, Biostratigraphy, Antarctic Continental Margin