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Conodonts from the Kapp Starostin Formation (Permian) of Spitsbergen

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Sixteen morphologic forms of conodonts are described from four sections of Kapp Starostin Formation of Spitsbergen. One new genus and two new species are established (*Sweetocristatus arcticus* gen.n., sp.n., *Neostreptognathodus svalbardensis* sp.n.). The assemblage is considered to be stratigraphically corresponding to that one known from the Upper Leonardian and Lower Roadian of western United States. Affinity of *Neostreptognathodus* to *Adetognathus* and *Idiognathodus* is suggested and hypothetical multielement apparatus of the genus is presented. Two distinct conodont biofacies in Kapp Starostin Formation are defined and their depositional environment Is discussed.

Key words: Conodonts, Permian, Spitsbergen, stratigraphy.

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