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Maximizing diductor adhension: An unusual cardinal process in Late Ordovician brachiopods from Estonia

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Cardinal process is a structure on dorsal valve of brachiopods serving for separation or attachment of diductor muscles. A cardinal process with a peculiar folded myophore is described from Late Ordovician "Orthis" kukersiana–group brachiopods assigned to the genus Cyrtonotella (order Orthida). This structure differs from those of other rhynchonelliformean brachiopods and can be considered as a separate type among about twenty varieties of processes described up to now.

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