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# Morphology and ontogeny of some Middle Ordovician gonambonitid brachiopods from Baltoscandia

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The Volkhovian–Kunda boundary deposits of the Leningrad Region contain two closely related genera, *Antigonambonites* and *Anchigonites*. The latter genus was previously known only by valve moulds; here its shell exterior and interior, and ontogeny are described in detail based on the collection of well-preserved disarticulated valves of *Anchigonites conulus* . *Antigonambonites* and *Anchigonites* share similar developmental and morphological features, and ecological strategies including the attachment by cementation by a “pedicle tube” and are thus possibly phylogenetically related. A new diagnosis for the genus *Anchigonites* and description of *A. conulus* are provided; other species of *Anchigonites* are briefly revised. The moulds of outer epithelial cells are described for the first time for the class Strophomenata.

**Key words:** Brachiopoda, Gonambonitidae, morphology, ontogeny, Ordovician, Russia.

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