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О-72 **Осадочные планетарные системы позднего палеозоя: стратиграфия, геохронология, углеводородные ресурсы** [Электронный ресурс]: сборник тезисов Международной стратиграфической конференции Головкинского 2019 (24-28 сентября 2019 г., Казань, Россия). – Электрон. сетевые данные (1 файл: 19 440 КБ). – Казань: Издательство Казанского университета, 2019. – 329 с. – Систем. требования: Adobe Acrobat Reader. – Режим доступа: <http://dspace.kpfu.ru/xmlui/bitstream/handle/net/151929/golovkinsky2019.pdf>. – Загл. с титул. экрана.

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Microsculpture of Permian and Triassic conchostracans from the Western Siberia (Babii Kamen section)

Veronika V. Zharinova, Vladimir V. Silantiev
Kazan Federal University, Kazan, Russia; vevzharinova@kpfu.ru

The Babii Kamen reference section is located on the right bank of the Tom River, 45 km downstream from Novokuznetsk (Kemerovo Region, Western Siberia). A large collection of conchostracans was sampled from the Upper Permian and Lower Triassic deposits of the Babii Kamen section during field works from 2015 to 2018.

The species *Pseudestheria novacastrensis* (Mitchell, 1927) occurs in the Upper Permian deposits. This species has the reticulated type of microsculpture.

The species *Cornia papillaria* Lutkevich, 1937 occurs in Upper Permian sediments of the Babii Kamen section. The microsculpture of this species is different on the valves. The transition from reticulated ornamentation to radial fringes is visible on the growth bands of *C. papillaria*.

The species *Megasitum harmonicum* Novojilov, 1970 and *Megasitum lopokolense* (Novojilov, 1970) were found in the same layers with *Cornia papillaria*. There are three types of ornamentation present on one shell of the species *M. lopokolense*. The pitted microsculpture is at the umbo. The radial fringes and reticulated types are observed on the middle and ventral parts of the valve. The pitted type of ornamentation is observed on the valves of *M. harmonicum*.

A single sample of *Echinolimnadia mattoxi* Novojilov, 1965 was found in the Upper Permian deposits. Mass occurrence of this species was also discovered in the Lower Triassic deposits. The reticulated ornamentation characterizes this species (Molin & Novojilov, 1965; Novojilov, 1970).

The species *Cyclotunguzites gutta* (Lutkevich, 1938) occurs in the same layers with *Echinolimnadia mattoxi*. This species has a small pitted microsculpture.

The species *Concherisma tomensis* Novojilov, 1958 occurs in the Lower Triassic deposits. The reticulated microsculpture transits to the radial lirae at the anterior-ventral margin on the valves of this species.

Five types of conchostracan microsculpture ornamentation from the Babii Kamen section are described: pitted, nodular, reticulated, radial lirae, radial fringes.

The transition from one type of ornamentation to another is characterized for three species: *Megasitum lopokolense* Novojilov, 1970, *Cornia papillaria* Lutkevich, 1937 and *Concherisma tomensis* Novojilov, 1958.

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