



<http://dx.doi.org/10.11646/zootaxa.4034.2.11>

<http://zoobank.org/urn:lsid:zoobank.org:pub:1A86E89C-65C1-4BB8-852E-20513EB3744F>

Chekhovichia, a new generic replacement name for Rotalites Leleshus 1970 (Anthozoa: Heliolitoidea) non Lamarck 1801 (Protista: Foraminifera)

ALEXANDER B. DOWELD

National Institute of Carpology (Gaertnerian Institution), 21 Konenkova Street, RUS-127560, Moscow, Russian Federation.

E-mail: nicar-sekretariat@yandex.ru; sekretariat@doweld.pro

The genus *Rotalites* was established by Leleshus (1970: 97) for fossil Upper Silurian heliolitoids (Anthozoa) from Southern Tien Shan. However, the name is preoccupied by *Rotalites* Lamarck (1801: 401) of Foraminifera (Protista) (cf. Loeblich & Tappan, 1987). In accordance with the International Code of Zoological Nomenclature, *Chekhovichia* nom. nov. is proposed here as a replacement name for *Rotalites* Leleshus non Lamarck.

Systematics

Phylum Anthozoa Ehrenberg 1833

Subclass Heliolitoidea B.S. Sokolov 1962

Order Proporida B.S. Sokolov 1962

Family Innaporidae Ospanova 1979

Genus *Chekhovichia* nom. nov. pro *Rotalites* Leleshus, 1970: 97, non Lamarck, 1801: 401.

Type species, by original designation: *Propora nuratensis* Chekhovich in Kovalevsky & al., 1960 (p. 217)

Diagnosis: see Leleshus, 1970: 97, emended by Bondarenko, 1992: 94.

Etymology: for the name of Vera Dmitrievna Chekhovich [Вера Дмитриевна Чехович], eminent Russian (Soviet) palaeontologist and specialist in the Silurian/Devonian Tabulata.

Stratigraphic distribution: Upper Silurian (Ludlow).

Palaeogeographic distribution: South Tien Shan (Alaj palaeocontinent) and Angarida (Siberian palaeocontinent).

4 species (generic circumscription after Bondarenko, 1992):

1. ***Chekhovichia nuratensis*** (Chekhovich, 1960) *comb. nov. pro Propora nuratensis* Chekhovich in Kovalevsky & al. 1960: 217.

Holotype: 508/18 (figured by Chekhovich in Kovalevsky & al., 1960: pl. 43, figs 1-2) [Geologiya Muzeyi, Tashkent, Uzbekistan].

Locus typicus: Merishkor mountain, Nuratau range, Ghissar-Alaj, Southern Tien Shan, Uzbekistan, Central Asia.

Stratum typicum: Upper Silurian (Ludlow).

Palaeogeographic distribution: Southern Tien Shan.

2. ***Chekhovichia asiatica*** (Chernova in Kovalevsky & al., 1960) *comb. nov. pro Propora asiatica* Chernova in Kovalevsky & al. 1960: 218.

Holotype: 8/274 (figured by Chernova in Kovalevsky & al., 1960: pl. 43, fig. 4) [Geological Museum, Bishkek, Kyrgyzstan].

Locus typicus: upper reaches of Kara-Unkur river, south-western slope of Fergana range, Ghissar-Alaj, Southern Tien Shan, Kyrgyzstan, Central Asia.

Stratum typicum: Upper Silurian (Ludlow).

Palaeogeographic distribution: Southern Tien Shan.

3. ***Chekhovichia chekhovichae*** (Mironova, 1965) *comb. nov. pro Propora chekhovichae* Mironova, 1965: 137.

Holotype: V-3-6-851 (figured by Mironova, 1965: pl. 33, figs 2a-b) [SNIIGGIMS].

Locus typicus: Bachatsky village, Kemerovo region, eastern slope of Salair range, Southern Siberia, Russian