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A new species and a new subgenus of the genus *Acrotoma* O. Boettger, 1881 (Pulmonata, Clausiliidae)

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ABSTRACT. *Acrotoma* ***baryshnikovi*** sp. nov. from northern Georgia (South Ossetia) is described. The species is referred to the subgenus ***Iliamneme*** subg. nov.

One of the authors (I.L., manuscript) described a new species of Clausiliidae by conchological characters; the other author made a dissection, anatomical drawings and description.

Acrotoma O. Boettger, 1881

Type species *Clausilia (Acrotoma) komarowi* O. Boettger, 1881 (OD).

Acrotoma (***Iliamneme*** Schileyko, subgen. nov.)

Type species *Acrotoma (**Iliamneme**) **baryshnikovi*** Likharev et Schileyko, sp. nov.

Etymology: the subgenus named in memory of Professor Ilia Likharev.

Diagnosis. The subgenus ***Iliamneme*** differs from other subgenera of the genus *Acrotoma* (*Acrotoma* s. str., *Bzybia* Nordsieck, 1977, *Castelliana* Suvorov, 2002 and *Acrotomina* Nordsieck, 1977) by the presence of rudimentary but quite distinct flagellum. Conchologically the subgenus is characterized mainly by the presence of a large drop-like tubercle standing in front of anterior end of principal plica.

[**Диагноз.** Подрод ***Iliamneme*** отличается от всех других подродов рода *Acrotoma* (*Acrotoma* s. str., *Bzybia* Nordsieck, 1977, *Acrotomina* Nordsieck, 1977 и *Castelliana* Suvorov, 2002) присутствием рудиментарного, но вполне отчётливо выраженного флагеллума. Конхологически подрод характеризуется в основном наличием крупного каплевидного бугорка, располагающегося перед передним концом главной палатальной складки].

*Acrotoma (**Iliamneme**) **baryshnikovi*** Likharev et Schileyko, sp. nov.

(Figs. 1, 2)

Locus typicus: Georgia, South Ossetia, Dzhavsky district, environs of Akhsardgin (about 2 km of Kvaisi settlement), Taling-Leget Cave, 1700 m above sea level, July 1983, leg. G.F. Baryshnikov.

Holotype (No. 1/554-1983) and 13 paratypes (No. 2/554-1983) housed in the Zoological Institute of Russian Academy of Sciences (St.-Petersburg). 1 paratype dissected.

Etymology: the species is named after G.F. Baryshnikov, who collected the type material.

Shell decollated, fusiform-cylindrical, solid, slightly shining, of 6-7 (after decollation) a little convex whorls. Last whorl scarcely narrower than penultimate. Color uniformly brownish- or dark-corneous; suture white. Postapical sculpture of delicate, dense, regular striation that locally slightly wavy, and widely spaced, irregular spiral lines; last whorl behind aperture with fine ribbing which turned on

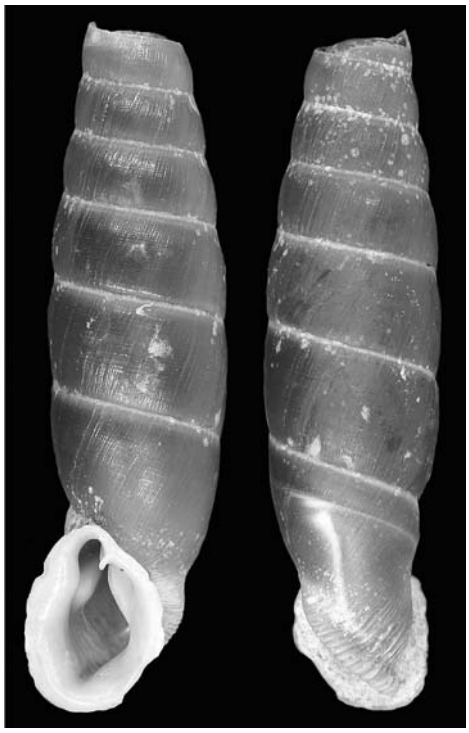

FIG. 1. *Acrotoma* ***baryshnikovi*** sp. nov. Holotype.

РИС. 1. *Acrotoma* ***baryshnikovi*** sp. nov. Голотип.

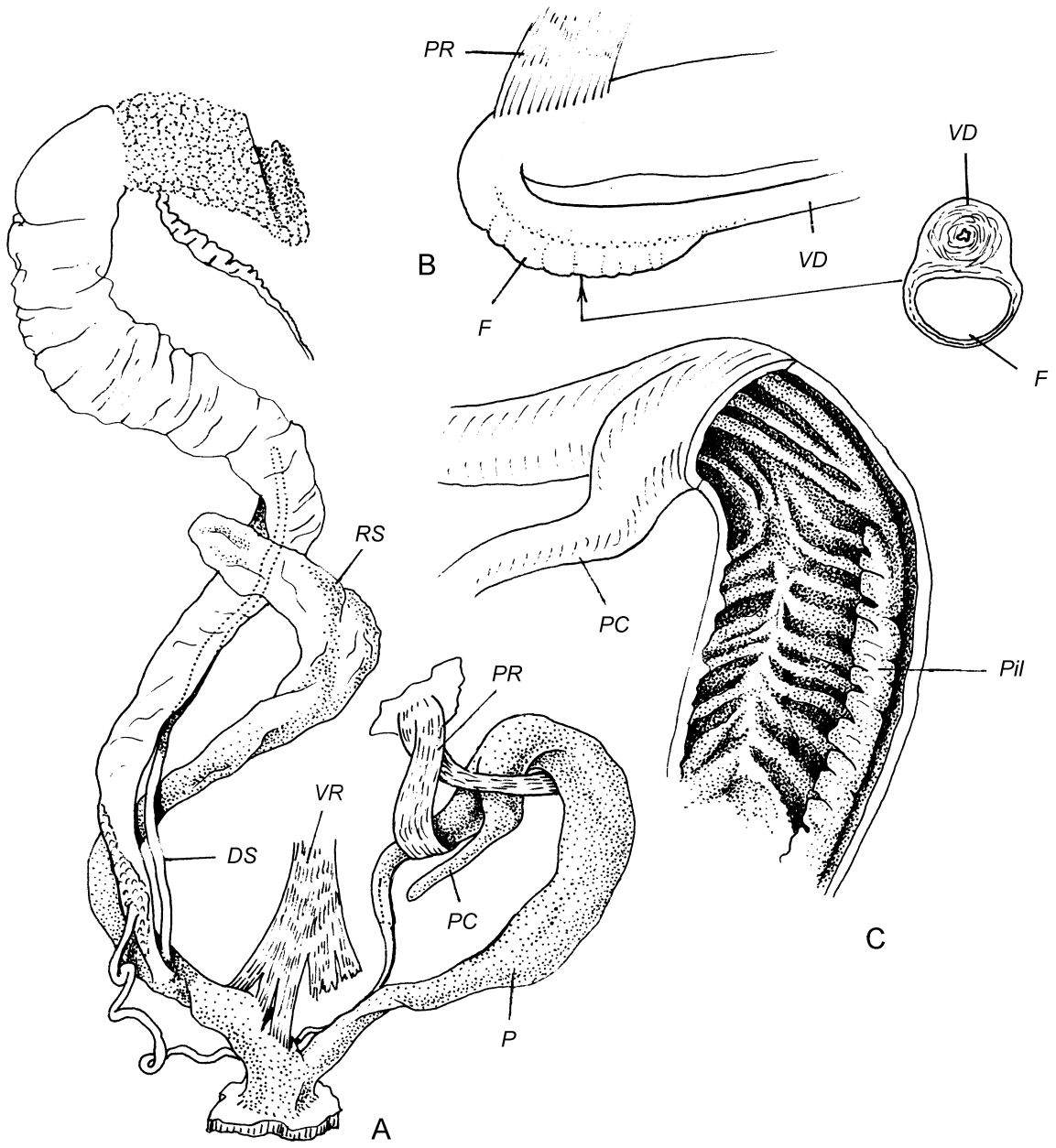

FIG. 2. *Acrotoma* ***baryshnikovi*** sp. nov. Paratype. A — reproductive tract, B — distal end of vas deferens and flagellum, C — interior of penis.
DS — diverticle of spermathecal stalk. F — flagellum. P — penis. PC — penial caecum. Pil — pilaster. PR — penial retractor. RS — reservoir of spermatheca. VD — vas deferens. VR — vaginal retractor.

РИС. 2. *Acrotoma* ***baryshnikovi*** sp. nov. Паратип. A — половой аппарат, B — дистальный конец семепровода и флагеллум, C — внутреннее строение пениса.
DS — дивертикул протока семеприемника. F — флагеллум. P — пенис. PC — пениальный цэкум. Pil — пиластр. PR — ретрактор пениса. RS — резервуар семеприемника. VD — семепровод. VR — вагинальный ретрактор.

basal keel into strong, blunt ribs. Aperture angulate-ovate or pear-shaped, protruded, with widely reflexed, white margins and narrow sinulus. Lamellae in aperture thin, just free edge of lower lamella thickened. Superior and spiral lamellae separated, their ends located at different distance from aperture. Lunella lies on back side of shell, slightly shifted rightward; its upper end smoothly bent inward the whorl, and lower end – toward the aperture, and passes into short lower palatal fold. At standard position of shell through aperture can be seen: (1) large triangular (drop-like) white tubercle standing in front of anterior end of principal palatal plica; (2) superior and inferior lamellae; (3) lower end of prin-

cipal plica (in sinulus). Lower end of subcolumellar lamella not visible even at oblique position of shell. Principal plica starts on right-back side and runs forward for 0.5 whorl. Height of shell (after decollation) 18-20, diam. 5.0-5.5, height of aperture 5.0-5.2, width of aperture 3.8-4.3 mm; holotype, correspondingly: 17.7, 5.0, 5.0, 3.8 mm.

Talon hidden. Vas deferens rather long, slender. Flagellum rudimentary, tightly bound to vas deferens (as in *Strigileuxina*), has thin walls and vast lumen. Epiphallus not long, tapering. Penis elongate, sac-like, with well developed caecum that marks boundary between epiphallus and penis. Internally penis with a complex relief consisting of central axial crest and running from it oblique-transversal folds; besides, there is a strong, fleshy, corrugated axial pilaster. From upper end of the pilaster 2-3 longitudinal folds run to epiphallus. Penial retractor consisting of 2 arms: one of them attached to epiphallus, the other — to proximal end of penis below base of caecum. Free oviduct very short. Vagina much longer, provided with a strong retractor, which is a branch of common columellar trunk. Spermatheca consists of extremely short neck, slender diverticle attending upper half of spermoviduct and voluminous, sac-like reservoir; boundary between reservoir and stalk practically absent.

Distribution. The species is known only from the type locality.

Remark. Diagnosis of species coincides with diagnosis of the subgenus.

Acknowledgments

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Новый вид и новый подрод рода *Acrotoma* O.Boettger, 1881 (Pulmonata, Clausiliidae)

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Приводится описание *Acrotoma* ***baryshnikovi*** sp. nov. из северной Грузии (Южная Осетия). Для вида предлагается новый подрод ***Iliamneme*** subg. nov.