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## *Leiostyla beatae* n. sp. from eastern Georgia (Gastropoda: Lauriidae)

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*Leiostyla* R.T. Lowe, 1852 is a disjunctly distributed pupilloid group of land snails known from the Macaronesian islands, Western Europe, Algeria, Bulgaria, Turkey, the Caucasus region and Iran (Pilsbry 1922–1923; Schileyko 1984; Gittenberger & Pieper 1988; Hausdorf 1990). In the Neogene the genus was more widespread in Central and Western Europe (Pilsbry 1922). Thus, the Caucasus region and the Macaronesian islands, where the highest recent diversity of *Leiostyla* species is found (Pilsbry 1922–1923), can be considered refugial areas.

The classification of the species from the Caucasus region in a separate genus *Euxinolauria* Lindholm, 1924 by Schileyko (1975, 1984) was not justified by any characteristics of these species (see Gittenberger & Pieper 1988; Hausdorf 1990). Anatomical studies and a molecular phylogeny showed that *Euxinolauria* sensu Schileyko is polyphyletic (Pokryszko *et al.* 2013). Consequently, we continue to use *Leiostyla* in the wide sense.

Although our knowledge about the *Leiostyla* species of the Caucasus region considerably increased in the last decades (Gittenberger & Pieper 1988; Hausdorf 1996; Pokryszko 1991; Schileyko 1984, 1988; Suvorov & Schileyko 1991), new species are still being discovered. In the following a new *Leiostyla* species from eastern Georgia is described.

### Material and methods

The counting of the shell whorls (in 0.25 whorl units) follows Kerney & Cameron (1979: 13). Shell measurements were taken with an ocular micrometer (accuracy 0.02 mm).

Discriminant analysis with the program SPSS Statistics version 21 (IBM) was used to evaluate whether the shell measurements are sufficient to differentiate between species.

The material on which this study is based is kept in the following collections: FW, private collection of Frank Walther, Hamburg, Germany; NHMW, Natural History Museum, Wrocław University; ZMH, Zoological Museum Hamburg, Germany.

### Systematics

#### Lauriidae Steenberg, 1925

#### *Leiostyla* R.T. Lowe, 1852

#### *Leiostyla beatae* n. sp.

**Diagnosis.** A *Leiostyla* species characterized by a cylindrical-ovate, rib-striated shell with a columellar lamella forming a wide upwards bending arch.

**Shell (Fig. 1A).** Cylindrical-ovate; perforate; rib-striated (12–15 ribs per mm of the penultimate whorl), corneous; 6.75–7.25 slightly convex whorls separated by a slightly impressed suture; body whorl ascending towards the aperture; outside of the palatal wall with a distinct incision corresponding to the lower palatal fold; aperture cordate; peristome expanded and strengthened by a lip; angular lamella very high, without appendages; parietal lamella low; both are connected with the insertions of the peristome by a more or less thin callus; columellar lamella forming a wide upwards

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