

# AGRIOLIMACIDAE (GASTROPODA: PULMONATA) – A SYSTEMATIC MONOGRAPH

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**Abstract.** — The present paper represents the first attempt to revise all taxa that compose the family Agriolimacidae. It includes an extensive introduction characterizing the whole family with respect to anatomy, ecology, bionomics and distribution as well as instructions how to collect, dissect and preserve slug material. Each taxon from the rank of family to subspecies is provided with taxonomical data, a morphological description as well as information on bionomics, distribution, phylogeny and affinity; original keys are included. The index comprises 123 taxa of species rank and over 110 names regarded as synonyms. One species, namely *Deroceras (Deroceras) bistimulatum*, is described as new for science. The paper has been based on over 40-year-long field research of the author and his studies of both various museum material and own slug collection (the world's largest collection of Agriolimacidae deposited at the Museum of Natural History, Wrocław University) which has been built during that period. The text has been illustrated with 830 drawings, most of which made by the author himself, depicting both the external appearance and anatomical characters of particular species.



**Key words.** — Taxonomy, morphology, bionomics, distribution, classification, keys, Gastropoda, Pulmonata, Agriolimacidae of the world.