

Middle and Late Carboniferous gastropods from the Central part of the Russian Plate. Part 3. Microdomatidae and Anomphalidae

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Three genera *Microdoma*, *Anematina*, and *Anomphalus* are reported from the Middle and Late Carboniferous of the region for the first time. Microdomatidae and Anomphalidae are transferred to the order Trochiformes Férussac, 1822. The genus *Anematina* is assigned to the family Microdomatidae. The previously described species are revised. Seven new species (*Microdoma pagoda* sp. nov., *M. laschmensis* sp. nov., *M. sinelnikovae* sp. nov., *M. longum* sp. nov., *M. jamensis* sp. nov., *Anomphalus straparoliformis* sp. nov., and *A. striatus* sp. nov.) are described. A number of studied species of *Microdoma* and *Anomphalus* are quite similar morphologically to representatives of this genus from the North American Pennsylvanian.

Средне- и позднекаменноугольные гастроподы центральной части Русской плиты. Часть 3. Microdomatidae и Anomphalidae

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Три рода — *Microdoma*, *Anematina* и *Anomphalus* — впервые отмечены в среднем и верхнем карбоне этого региона. Microdomatidae and Anomphalidae помещены в отряд Trochiformes Férussac. Род *Anematina* отнесен к семейству Microdomatidae. Проведена ревизия ранее известных видов. Описано семь новых видов: *Microdoma pagoda* sp. nov., *M. laschmensis* sp. nov., *M. sinelnikovae* sp. nov., *M. longum* sp. nov., *M. jamensis* sp. nov., *Anomphalus straparoliformis* sp. nov., *A. striatus* sp. nov. Для ряда изученных видов *Microdoma* и *Anomphalus* отмечается сходство морфологии раковины с видами из пенсильвания Северной Америки.

INTRODUCTION

This article continues the study of the Middle and Late Carboniferous gastropods from the Central part of the Russian Plate and includes descriptions of representatives of the families Microdomatidae and Anomphalidae.

The pioneer description of Russian Microdomatidae has been done by Yakowlew [1899]. He has established a new genus *Tuberculopleura* which, according to Knight [1944], is a junior synonym of *Microdoma*

Meek et Worthen, 1867. Also he described four species of *Tuberculopleura* which should be referred to *Microdoma*. There were no types designated in his description, but the work contained a list of localities and figures. Major part of Yakowlew's collection is stored in the Central Geological Museum in St.-Petersburg, No. 325, all these specimens labelled by the owner. Thus, it is not difficult to distinguish those of Yakowlew's specimens which belong to the type series.

Unfortunately, types of *Microdoma tricinc-*