

**TWO DORYLAIMID NEMATODE SPECIES NEW FOR
GEORGIAN FAUNA FROM SAMCKHE-JAVAKHETI (EASTERN
GEORGIA)**

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Abstract

As a result of study of soil and plant nematodes of Samtske-Javakheti region (Eastern Georgia) two species of nematodes new for the fauna of Georgia were found. Description and measurements of these species are given.

Key word: Nematode, spear, cuticle, specula

Aporcelaimellus medius, Andrassy, 2002

Measurement:

Females (2): L=1.71-1.79mm; a=19.5-21.3; b=3.7-4.1; c=92-98; c'=0.4-0.5; v=52%-54%;
Males (1): L=1.75mm; a=27; b=3.8; c=82; c'=0.5; spic=73µm; suppl.=11
Body dense enough, 80-87 µm wide at middle. Head strongly set off from the body contour. Lip region 18-19 µm wide, hardly separated. Cuticle thin, 2-3 µm. Length of spear 22-24 µm. Orifice equals to 1/2 of stylet length or slightly more.
Vagina strongly sclerotized. Ovaries paired, outstretched. In uterus of one of the two females three eggs (86.8-58.8 µm; 89.6-64.4 µm; 98-56 µm) are elongated. Rectum 1.2-1.6 of anal body widths. Tail hemispherical, about half as long as anal body diameter.
Male genital organs occupy about half of the body length. Spicula slender, 71 µm long. Ventromedial supplements 10, mostly separated [Andrassy, 2002]

Labronemella rutneri, Schneider, 1937

Measurement:

Female: L=1.23mm; a=30.2; b=3.8; c=64; v=52.7%;
Small species. Body stout, lip region is set off from the body contour. Spear 27 µm long, 1.2 times longer than the head diameter. The aperture occupy one-third of its length. Guiding ring double. Oesophagus strongly muscular, enlarged slightly anterior to middle. Total length of oesofagus is 133mm. Body at posterior end of esophagus 2.3 times as wide as the head. Outer lips discolaimoid. Female gonads paired. Prerectum about one and one-half times as long, as anal body

diameter. Tail blunt, rounded, about two-thirds as long as the anal body diameter [Thorne, 1939]. Both species were found in soil samples.

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საქართველოს ფაუნისათვის ორი ახალი სახეობა *Aporcelaimellus medius* და *Labronemella ruttneri*

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რეზიუმე

აღწერილია საქართველოს ფაუნისათვის ნემატოდების ორი ახალი სახეობა *Aporcelaimellus medius*, Andrassy, 2002 და *Labronemella ruttneri*, Schneider, 1937. მოცემულია მათი ახალი აღწერა და განაზომები.