

**PARASYMPHYLODORA PARASQUAMOSA KULAKOVA, 1972
(TREMATODA, DIGENEA) – NEW SPECIES OF THE PARASITE FAUNA
OF POLAND**

JERZY ROKICKI

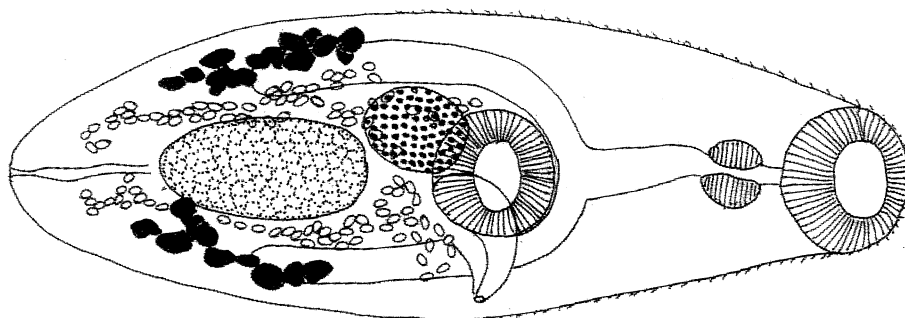
Department of Invertebrate Zoology, Gdańsk University, Al. Piłsudskiego 46, 81-378 Gdynia;
E-mail: rokicki@univ.gda.pl

ABSTRACT. The present short note deals with atypical specimens of the digeneans, collected from fish *Leuciscus idus* caught in the Vistula mouth, and earlier described (Rokicki 1975) as *Asymphylogora kubanicum* (Issaitschikoff, 1923) Markewitsch, 1951. The reexamination of these specimens indicated that they represent the species *Parasymphylogora parasquamosa* Kulakova, 1972. This is a new digenean species in the parasitic fauna of Poland.

Key words: parasite fauna of Poland, *Parasymphylogora parasquamosa*.

In 1967-1971 the studies of parasites of fish were carried out in the Vistula mouth and Gdańsk Bay (Bałtyk Sea). In the collected material the common species *Asymphylogora kubanicum* (Issaitschikoff, 1923) Markewitsch, 1951 was found, among others, in *Abramis brama*, *Rutilus rutilus*, *Zoarces viviparus*, *Blicca bjoerkna*, *Vimba vimba*, *Coregonus lavaretus* and *Leuciscus idus* (Rokicki 1975). But several specimens from *Leuciscus idus* showed some differences in their morphology, not consistent with the characters of *A. kubanicum*. These are: intestinal caeca not extending beyond posterior margin of the testis, and larger size of eggs (Rokicki 1975). The reexamination of these specimens has shown, that they belong to the species *Parasymphylogora parasquamosa* Kulakova, 1972. As this species is recorded for the first time in Poland, a short description and a drawing (Fig. 1) of the specimens under study is given (measurements in μm).

Body length 610-920, width 260-335. The oral sucker situated subterminally, 100-150 x 120-160; the ventral sucker 120-145 x 120-155. The pharynx well developed, 65-100 x 65-90, the oesophagus 65-165 long and wide. The intestinal caeca short, wide and extend to the half length of the testis. Testis 160-240 x 70-125. Ovary 90-125 x 60-100, anterior and a little to the right of the testis. The cirrus pouch oval, 120-200 x 45-70, does not extend the anterior margin of the ovary. Vitellarium in two lateral fields, at the level of the testis, in some specimens slightly exceeding its posterior margin. Eggs: 28-32 x 17-21.



150 μ m

Fig. 1. *Parasymphylodora parasquamosa*: mature specimen from *Leuciscus idus* from the mouth of Vistula River

This species was noted by other authors in cyprinid fish (*Blicca bjoerkna*, *Leuciscus idus*, *Rutilus rutilus*, *Abramis brama*, *Abramis ballerus*, *Carassius carassius*) in Russia (Kuronian Lagoon, district Kaliningrad, Karelia and on the south in river Dnepr, Volga and others) and in Latvia (*Žuvintas* lake) (Byhovskaya-Pavlovskaya and Kulakova 1987). The present record enlarges its geographical range.

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