

NOTES TO THE SPECIES *GYRODACTYLUS KOBAYASHII* HUKUDA,
1940 (GYRODACTYLIDAE: MONOGENEA)

In 1975, Ergens and Yukhimenko (Folia parasit. (Praha) 22: 177—179, 1975) described a new species of the genus *Gyrodactylus* Nordmann, 1832, *G. baueri*, from the fins and skin of the fry of *Carassius auratus gibelio* (Bloch) and *Leuciscus waleckii* (Dybowski) caught from the river Amur near Khabarovsk (RSFSR). Three years later, Ergens and Ogawa (Věst. čs. spol. zool. 42: 101—104, 1978) redescribed the species *G. kobayashii* Hukuda, 1940 using the results of a detailed analysis of the original description of this species and results of morphological-metrical evaluation of a gyrodactylid obtained from fins and skin of Japanese gold fish and stained with haematoxylin-eosin.

A striking morphological and metrical identity of the complex of anchors in the two species was the reason of subsequent comparative studies with a special regard to the shape and measurements of marginal hooks. Unstained specimens of *G. kobayashii* fixed in formalin (4 %) and of the same origin as the stained specimens of this

species were also used in these studies. It was ascertained that the authors of the redescription of *G. kobayashii* did not describe quite exactly the shape of the marginal hooks which is in fact identical with the shape of marginal hooks of *G. baueri*. That means that *G. baueri* is conspecific with *G. kobayashii* and represents its synonym.

In this respect it is necessary to note that the specimens used by Braun (Z. Parasitenkd. 28: 142—174, 1966) for the study of the anatomy and mode of reproduction of members of the genus *Gyrodactylus*, identified by the author as *G. wageneri* Nordmann, 1832, are most probably conspecific with *G. kobayashii*. This is evident particularly from Figs. 2b, 3 and 5a—c in Braun's paper showing the anchors and marginal hooks.

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