

NEW SPECIES OF GYRODACTYLUS (MONOGENEA) FROM SCHIZOPYGOPSIS STOLICZKAI STEINDACHNER

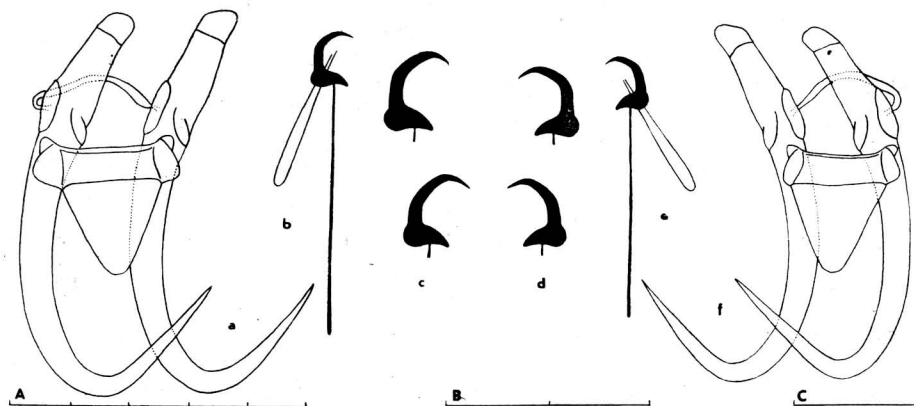


Fig. 1. Hard parts of the opisthaptor of *Gyrodactylus dzhililovi* sp. n. a, b, c — holotype; d, e, f — paratype. Scales (1 part = 0.01 mm): A — for anchors, B — for marginal hooks, C — for hook proper of marginal hooks.

The species described herein was observed on the fins of *Schizopygopsis stoliczkai* Steindachner (Cyprinidae) from the River Murgab, Tajik SSR during the years 1968 and 1969.

The parasites were fixed in 4 % formalin and mounted in glycerin-gelatine. Methods concerning observation, measurement and illustration of the new species were employed as given by Malmberg (Ark. f. Zool. 23: 1—235, 1970) and Ergens and Lom (Původci parazitárních nemocí ryb, Academia, Praha, 384 pp., 1970). All measurements are in millimeters, the measurements of the holotype are given in parentheses.

Gyrodactylus dzhililovi sp. n. Fig. 1

The holotype is represented by a specimen collected on the host caught on September 4, 1969 and it is deposited, together with three paratypes, in the collections of the Institute of Parasitology, Czechoslovak Academy of Sciences, České Budějovice (No. Coll. 256). Other paratypes are deposited in the collections of the Institute of Zoology and Parasitology, Academy of Sciences of Tajik SSR, Dushanbe.

Description (based on 6 specimens): Total length of anchors 0.060—0.065 (0.064), shaft 0.046—0.051 (0.050), point 0.022—0.025 (0.025), root 0.020—0.023 (0.022). Ventral bar with lateral processes and with 0.010—0.015 (0.015) long shield is 0.005—0.006 (0.006) long and 0.021—0.026 (0.026) wide. Measurements of the dorsal bar are 0.001 × 0.020. Total length of marginal hooks ranges from 0.028 to 0.032 (0.032) hook proper measures 0.005—0.007 (0.006).

Pharyngeal processes long. Cirrus ova, with small spines in one (?) arched row.

G. dzhililovi sp. n., named in honour of the Tajik ichthyoparasitologist Dr. U. D. Dzhililov, most closely resembles *G. kobayashii* Hukuda, 1940 in the shape and measurements of anchors and both connecting bars, but differs from this species in the shape of the hook proper of marginal hooks.

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