NEW SPECIES OF GYROADACTYLUS (MONOGENEA) 
FROM SCHIZOPYGOPsis STOLICZKAI STEINDAICHER

Fig. 1. Hard parts of the opisthaptor of Gyrodactylus dzhaliuli 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 stoliczki Stein-
dachner (Cyprinidae) from the River Murghab, 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 illus-
tration of the new species were employed as given by Mainberg (Ark. f. Zool. 23: 1—235, 
1970) and Ergens and Lom (Sovětskii parasitár-
ních nemocí ryb, Academia, Praha, 384 pp., 
1970). All measurements are in millimeters, 
the measurements of the holotype are given in 
parentheses.

Gyrodactylus dzhaliuli sp. n.

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 in 0.005—0.006 (0.006) long and 
0.021—0.026 (0.025) wide. Measurements of 
the dorsal bar are 0.001 x 0.020. Total length of 
marginal hooks ranges from 0.028 to 0.032 
(0.031) hook proper measures 0.005—0.007 
(0.006).

Pharyngeal processes long. Circus ova, with 
small spines in one (1) arched row.

G. dzhaliuli sp. n., named in honour of the 
Tajik ichthyoparasitologist Dr. U. D. Dabulov, 
most closely resembles G. kokovskyi 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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