



A NEW SPECIES OF MONOGENEAN PARASITE GENUS, BYCHOWSKYELLA ACHMEROW, 1952 FROM THE FISHES OF CLARIAS

Anuradha Pandey*, Nirupma Agrawal

*Corresponding Author Address: Department of Zoology,
University of Lucknow, Lucknow- 226007.

Email: pandeydranuradha@gmail.com

Abstract

Current research paper describes a new Monogenean species, *Bychowskyella dubagensis* n.sp. a parasite on gills of *Clarias batrachus* (Linn., 1758). Fishes were collected from the Ganges river, Chapra, Bihar. The present paper pertains with new species of the genus *Bychowskyella* Achmerow, 1952. *Bychowskyella dubagensis* is characterized by the shape of copulatory complex, dorsal bar, ventral anchors, dorsal anchors, ventral bar and all haptor sclerites.

Keywords: *Bychowskyella*, copulatory complex, dorsal bar, ventral anchors, dorsal anchors, ventral bar and haptor sclerites.

References

1. Agrawal, N., Shukla, S. K. and Vishwakarma, P. 1996. Some known and unknown species of the genus *Bychowskyella* Achmerow, 1952 (Monogenea) from freshwater catfishes of Uttar Pradesh, India *Indian J. Helminth.*, 13, 36-51.
2. Gusev, A. V. 1977. A species of *Bychowskyella* (Monogenoidea, Dactylogyridae) from Indian freshwater fishes. *Ex. Parasit. en. mem. dr. Ed. Caballere Y. Caballere.*, 4, 45-51.
3. Gusev, A.V. 1961. New subfamily of monogeneans (Monogenoidea). (In Russian). *Doklady Akademii Nauk SSSR*, 139, 1,480-1,482.
4. Jain, S. L. 1959. Some observations of the Monogenetic trematodes from the gill filaments of some Indian freshwater fishes. *Curr. Sci.*, 28, 332-333.
5. Majumdar, S. and Agarwal, S.M. 1989. Studies on monogenean parasites in freshwater Mizelle, J. D. 1936. New species of trematodes from the gills of Illinois fishes. *American Midland Naturalist*, 17, 785-806.
6. Sharma, R. K. 1987 On a new monogenetic trematode *Bychowskyella bagariusi* sp. nov. from a freshwater fish *Bagarius bagarius* from Etawah, Uttar Pradesh, *Kanpur University Research Journal (Science)*, 4 (1983), 77-79.
7. Tripathi, Y. R. 1957/1959. Monogenetic trematodes from fishes of India. *Ind. Jour. Helminth.*, 9, 1-149.
8. Venkatanarsaiah, J. 1989. *Bychowskyella chauhani* n. sp. from a fresh water fish, *Wallagonia attu*, from the Mahair River, Andhra Pradesh, India. *Indian journal of Helminthology*, (N.S.), 5 (1988), 41-42.