

Study of the biodiversity of Monogenea and Digenea (Metazoans, Platyhelminthes) Parasites of *Sparus aurata* (Sparidae, Teleosteans) of the Algerian coast

Zedam Fatima Zohra

Laboratory Biodiversity and Environment: Interactions and Genomes, University of Science and Technology Houari Boumediene, BP 32, El Alia Bab Ezzouar, Algiers, Algeria

E-mail: zedam.zahra91@gmail.com

Sparus aurata (sea bream) is a Sparidae marine teleost of great economic interest. Frequently harbor various groups of parasites, particularly Platyhelminthes, often causing infections decreasing their commercial value and sometimes causing massive mortalities.

Three species of Monogenea and three species of Digenea were identified from the gills and the intestine respectively. The collected Monogeneans belong to three families: *Lamellodiscus echeneis* Wagener and Hesse 1857 (Diplectanidae Monticelli, 1903), *Encotyllabe vallei* Monticelli, 1907 (Capsalidae Baird, 1853) and *Sparicotyle chrysophrii* Van Beneden and Hesse 1863 (Microcotylidae Tashenberg, 1879).

The collected Digeneas belonging to the same family Opecoelidae Ozaki, 1925 represented by *Allopodocotyle pedicellata* Stossich, 1887; *Macvicaria obovata* Molin, 1859 and *Macvicaria maillardi* Bartoli, Bray & Gibson, 1989.

Allopodocotyle pedicellata Stossich, 1887; *Macvicaria obovata* Molin, 1859 we report this two species for the first time from the coast Algerian.

This study has allowed knowing the biodiversity of the parasitic Monogenea and Digenea in Teleostean fish.

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