

## **The Monogeneans of the Genus Lamellodiscus, Parasites of Sparidae Fish of the Genus Dentex on the Coasts of Dakar (Sénégal)**

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**Abstract :** This study focuses on an examination of the Monogenea community of the Lamellodiscus genus, parasites of teleost fish of the Dentex genus (Sparidae): *Dentex angolensis*, *Dentex canariensis*, *Dentex macrophthalmus*, and *Dentex maroccanus* from two landing sites in Dakar: Soubédioune landing and Hann Bel Air landing. Observing the morpho-anatomical criteria of the monogeneans collected from all host species reveals the presence of 6 species of the Lamellodiscus genus (Monogenea, Diplectanidae): *Lamellodiscus euzeti* in *Dentex canariensis*, *Lamellodiscus dentexi*, *Lamellodiscus toguebayei*, *Lamellodiscus triacies*, and *Lamellodiscus vicinus* in *Dentex macrophthalmus*; *Lamellodiscus crampus* in its usual host *Dentex maroccanus* and we found it in *Dentex angolensis*. The results of the study on the distribution of parasitic indices in the studied host species show that infestation rates and parasite burdens vary from one host species to another and from one season to another. However, it is during the hot season that the values of infestation intensity and abundance are highest. Additionally, we note that *Dentex canariensis* records the highest parasite burdens in both locations.

**Keywords :** lamellodiscus, fish, dentex, Dakar, Monogenea

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