

BACTERIOLOGICAL AGENTS IN FARMED CYPRINIDS FROM THE PRUT RIVER BASIN

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Abstract

*The current paper aims to outline what could be the most common bacterial agents that can have a pathogenic effect on farm cyprinids from the Prut river basin in order to reduce fish health risks and even prevent future disease outbreaks that are bacterial in nature. Two field works expeditions to Rompescares farm -Podu-Iloaiei from Iasi county and to Dracșani fish farm from Piscicola-Botoșani county were undertaken in May 2021 in order to collect biological samples. The following fish species were harvested: carp (*Cyprinus carpio*), silver carp (*Hypophthalmichthys molitrix*) and mirror carp (*Cyprinus carpio* var. *specularis*) using net fishing and the only the specimens with visible lesions or the moribund ones were collected. The fish that were apparently healthy were released and the ones that were harvested underwent a clinical, parasitological and bacteriological investigation.*

Key words: *Cyprinus carpio, Hypophthalmichthys molitrix, bacteriological, diseases*
