



Survey and identification of *Capoeta damascina* parasites of Jiroft, Kerman Province, Iran

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In this study a parasitological on *Capoeta damascina* from October 2007 to September 2008. Totally 109 fishes have been seined from four station including: 1) Halil 2) Konaroiyeh 3) Ab shur 4) Jafar abad. Sampels were seined by electro shoker, After fixing in 10 % formalin, samples were transferred to the aquatic biology research laboratory of Shahid Beheshti University. First weight and length of fishes masured, parasitological investigation have been implemented by light and stereo microscops. The results and follows: *C. damascina* was infected with Ciliophora: *Ichthyophthyrus multifiliis*, Myxozoa: *Myxobolus mosajevi*, *M. katelicus*, *M. samgoricus*, *M. cristatus*, *M. buckei*, *M. suturalis* and *M. varicorhini*, Monogenea: *Dactylogyrus carassobarbi*, *Dactylogyrus sp1*, *Dactylogyrus sp2* and *Gyrodactylus sp3*, Digenea: *Allocreadium transversal*, *Clinostomum complanatum* and *Tylodelphys sp.*, Cestoda: *Ligula intestinalis*, Nematoda: *Rhabdochona denudate*, *Rhabdochona macrostoma*, *Contraeaecum micropapilatum* and *Hepaticola petruschewkii*. Hereby *C. damascina* intodused as a new host for: *Myxobolus mosajevi*, *M. katelicus*, *M. buckei*, *M. suturalis*, *Dactylogyrus sp1*, *Dactylogyrus sp2*, *Allocreadium transversal*, *Clinostomum complanatum* and *Tylodelphys sp.*, *Rhabdochona macrostoma*, *Contraeaecum micropapilatum* and *Hepaticola petruschewkii*. *M. arelicus*, *M. buckei*, *M. suturalis*, *R. macrostoma*, and *C. micropapilatum* were recorded for the first time in Iran. *Dactylogyrus sp1* and *Dactylogyrus sp2* were recorded for the first time in the world. *C. damascina* possessed of most Varity in infection with various species of parasites. The result of this study indicated that there are significant between total length (T.L) and weight in *C. damascina* with number of *I. multifiliif*, *C. complanatum*, *D. carassobarbi* and *R. macrostoma*.

Key words: Ciliophora, Myxozoa, Monogenea, , Nematoda, Iran