



Investigation and identification of protozoan and metazoan parasites in ornamental fish of Khuzestan province (Ahvaz)

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Abstract

The aquarium fish environment is naturally full of stresses that create the suitable condition for the growth of parasites. 30 of several ornamental fish including guppy, molly, oscar, goldfish, macro, catfish, gourami, fighter, angel, parrot, and koi, which have abnormally appearance, were purchased live from Ahvaz city and sent to the Shahid Chamran veterinary hospital, Aquatic animal department. Clinical signs of fish, lack of movement, imbalance in swimming, anorexia, bleeding and discoloration, reducing the skin gloss, traumatic lesions caused by the lernaea, and lethargy. After killing the fish by hurting to spinal cord, various organs such as skin, gill and intestines were investigated and the monogenea contamination (with severe gill lesions as telangiectasia), digenea, nematode, acanthocephal and crustaceans in different organs were observed. The observed parasites were fixed in alcohol and then identified.

Key words: Parasite, protozoa, metazoa, ornamental fish, Khuzestan.

