

عنوان مقاله:

Crustacean Parasites of Fresh and Brackish (Caspian Sea) Water Fishes of Iran

محل انتشار:

مجله علوم و فناوری کشاورزی، دوره 11، شماره 2 (سال: 1388)

تعداد صفحات اصل مقاله: 11

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خلاصه مقاله:

This paper presents a total of 11 known crustacean parasite species from 51 host species belonging to 7 families, with 17 genera reported from cultured and wild fishes in three faunal regions of Iran. Among them, one belonging to Branchiura order, namely *Argulus foliaceus*, was found on *Capoeta capoeta* in Makoo Reservoir as well as on *Cyprinus carpio*, *Chalcalburnus* sp., *Hypophthalmichthys molitrix* and *Mastacembelus mastacembelus* in Zarivar Lake. The other 10 species belonging to Copepoda order include 1) *Ergasilus sieboldi*, found on the gills of 2) *Barbus sharpeyi*, *B. luteus*, *Aspius vorax* and *Cyprinus carpio*; 3) *E. peregrinus* on *Ctenopharyngodon idella* and *Leuciscus cephalus* in Khandaqloo Reservoir; 4) *Lamproglana compacta* and 5) *L. polchella* on the gills of infected fish species in-habiting Tigris, Caspian and Oriental Regions of Iran. 6) *Tracheliastes longicollis* on the fins of *Capoeta capoeta* and *Leuciscus cephalus*; 7) *T. polycolpus* on the fins of *Capoeta trutta*, *C. capoeta* and *Leuciscus cephalus* in water bodies situated in Azerbaijan Province (Caspian Region) and Kurdistan Province (Tigris Region), 8) *Achtheres percarum* on the skin and fins of *Sander lucioperca* and *Perca fluviatilis* in Anzali Lagoon and Sefid-rud River in North of Iran (Caspian Region); 9) *Pseudotracheliastes stellatus* on the skin of acipenserids in Caspian Sea and finally 10) the most economically significant parasite, *Lernaea cyprinacea*, which is commonly found on cultured cyprinids in ponds and natural water bodies. Furthermore, several unknown crustacean species belong to both orders identified to genus level, which need further study for a detailed description. Geographical distribution as well as host ranges of the mentioned parasites are presented and discussed.

کلمات کلیدی:

IRAN, Crustacean, Freshwater fishes, Parasite

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