# Wild Tiger Health Centre Information Sheet

---

## **Disease threat:** **Metorchis and Opisthorchis spp.** (Clonorchis)

***Hazard description***: Bile duct trematodes in the Family Opisthorchiidae (Taylor et al. 2007).

***Host species:*** Fish-eating mammals (Taylor et al. 2007). Cited as detected in Amur tiger (Konyaev 2012).

***Pathogenesis:*** The life cycle is indirect with two intermediate hosts: snails and fish. Heavy infestations may cause liver/bile duct pathology (e.g. jaundice)(Taylor et al. 2007).

***Diagnosis***: Eggs in faeces.

***Free-ranging tiger occurrence:*** Aside from citation in Konyaev 2012, no reports found.

***Distribution:*** SE Asia and Russia (Taylor et al. 2007). Likely present in all tiger range states.

***Assumptions***: Assume disease unlikely in wild felids (lack of reports).

***Limitations***: Data poor.