Wild Tiger Health Centre Information Sheet

Disease threat: Joyeuxiella spp.

Hazard description: Cestode in the Order Cyclophyllidea and Family Dilepididae. Two species of relevance to felids: *J. pasqualei* and *J. fuhrmanni* (Schuster et al. 2016).

Host species: Final hosts are felid species, reported from domestic cats and wild felids, including free-ranging Iberian lynx (Millán & Casanova 2007). Intermediate host of *J. pasqualei* is lizard species (Millán & Casanova 2007).

Pathogenesis: Unknown. Lack of disease reports suggest low pathogenicity in final felid host.

Diagnosis: Eggs in faeces.

Free-ranging tiger occurrence: No reports found.

Distribution: *J. pasqualei* is mainly found in cats from Northern Africa, the Middle East, Southern Europe and Southern Asia. *J. fuhrmanni* predominantly occurs in the Middle East, Southern Africa and Southern Asia (Schuster et al. 2016). Possibly occurs in tiger range states in Southern Asia.

Assumptions: Assume clinically insignificant due to absence of reports.

Limitations: None.