Wild Tiger Health Centre Information Sheet

Disease threat: Hammondia hammondi

Hazard description: An intestinal coccidian parasite.

Host species: Indirect life-cycle, and a rodent intermediate host. Final host species felids (Dubey & Ferguson 2015).

Pathogenesis: No associated disease reports found (in either intermediate or final hosts). No extra-intestinal stages in final felid host (unlike *Toxoplasma*) (Dubey & Ferguson 2015).

Diagnosis: Faecal oocysts are very similar to *Toxoplasma* and require specialist differentiation.

Vaccination: None.

Free-ranging tiger occurrence: No reports found. *Hammondia pardalis* reported from free-ranging wild felids in South America, possibly also *H. hammondi*, but speciation to differentiate from *Toxoplasma* not undertaken (Patton et al. 1986).

Distribution: Presumed worldwide.

Assumptions: Low pathogenicity in final and intermediate hosts.

Limitations: None.