

Parasite Location	Definitive Host	1 st Intermed. Host	2 nd Intermed. Host	Pathology:	Diagnostic technique	Control	Zoonotic? HOW?
<i>Paragonimus kellicotti</i> Throughout US	Dog & Cats Raccoons, etc Lungs	Aquatic snails (river)	Crayfish	1. Pulmonary inflammation -- - Respiratory signs 2. Pneumothorax / sudden death	Sedimentation	Dx Snails Dx access to crayfish (rivers/ streams)	Yes Ingest infective cyst in raw crayfish
<i>Nanophyetus salmincola</i> Pacific NW	Canids Small intestine	Aquatic Snails (river)	Fish	Fluke Minor ----- "Salmon Poisoning" <i>Neorickettsia helminthoeca</i> -- severe DZ & death	Sedimentation ----- Lymph aspirate	Dx Snails Dx access to fish	Yes to fluke (ingest raw fish) ----- No to rickettsia
<i>Acanthatrium</i> Sporadic distribution US	Bats (Horse - dead-end accidental host)	Aquatic Snails (river)	Caddisflies & Mayflies (accidentally ingested by horse while grazing)	Bat -- minor ----- Horse - "Potomac Horse Fever" - <i>Neorickettsia risticii</i>	N/A ----- Diagnose rickettsia	N/A	No

Fluke Table