

Parasite / Location	Definitive Host	1 <sup>st</sup> Intermed. Host	2 <sup>nd</sup> Intermed. Host	Pathology:	Diagnostic technique	Control	Zoonotic? HOW?
<i>Fasciola hepatica</i> Gulf Coast, Florida Pacific NW	Ruminants 1. Young Flukes -- Liver parenchyma 2. Adult flukes -- Bile ducts	Aquatic snails (pond/puddle)	Vegetation	1. Acute Hepatitis - Death 2. Chronic -- Bile duct stenosis -- liver condemnation	1. Necropsy 2. Clinic. signs: Weakness, Anemia, bottle jaw Sedimentation , Necropsy	Dx Snails Dx wet pastures	Yes Ingest infective cyst on raw vegetation
<i>Fascioloides magna</i> Sporadic US, NC	Deer Sheep, Goats, Camelids Cattle	Aquatic Snails (pond/puddle)	Vegetation	Minor Sudden Death (migrating young flukes) Liver condemnation	Sedimentation Necropsy Necropsy	Dx Snails Dx wet pastures Dx deer	No
<i>Dicrocoelium dendriticum</i> Northeast US	Sheep & Goats (minor concern in cows, llamas)	Terrestrial Snail	Ants	Young hosts -- minor Older stock -- decreased productivity due to progressive liver dysfunction	Sedimentation & Necropsy	Dx Snails Dx Ants	Yes (rarely) Ingest infective cyst in raw ant

## Fluke Table