

Parasite Location	Definitive Host	1 st Intermed. Host	2 nd Intermed. Host	Pathology:	Diagnostic technique	Control	Zoonotic? HOW?
<i>Platynosomum fastosum</i> Florida, Caribbean, & Hawaii	Cats Opossum Bile ducts	Terrestrial snails	RolyPoly Bug (3 rd IH or Paratenic hosts -- toads & lizards)	"Lizard Poisoning" Hepatic dysfunction (diarrhea, vomiting, jaundice) Death	Sedimentation	Dx access to lizards & toads	No
<i>Eurytrema procyonis</i> Widespread, NC	Cats Raccoon Pancreatic duct	Terrestrial snail	Grasshoppers , Crickets	Pancreatic duct fibrosis & atrophy (vomiting & weight loss)	Sedimentation	Dx access to grasshopper & crickets	No
<i>Heterobilharzia americana</i> Widespread, NC	Dog Raccoon Mesenteric Blood vessels	Aquatic Snails (pond/puddle)	None (Direct cercaria penetration)	Adult fluke - minor <hr/> Eggs - block vessels destruction of intestinal mucosa (Bloody diarrhea, wasting, death)	Saline Sedimentation	Dx access to standing water (ponds, streams, ditches)	"Swimmers itch" Skin penetration of cercariae

Fluke Table