<table>
<thead>
<tr>
<th>Parasite Location</th>
<th>Definitive Host</th>
<th>1&lt;sup&gt;st&lt;/sup&gt; Intermed. Host</th>
<th>2&lt;sup&gt;nd&lt;/sup&gt; Intermed. Host</th>
<th>Pathology:</th>
<th>Diagnostic technique</th>
<th>Control</th>
<th>Zoonotic? HOW?</th>
</tr>
</thead>
</table>
| *Platynosomum fastosum*  
Florida, Caribbean, & Hawaii | Cats  
Opossum | Terrestrial snails | RolyPoly Bug  
(3<sup>rd</sup> IH or Paratenic hosts -- toads & lizards) | “Lizard Poisoning”  
Hepatic dysfunction (diarrhea, vomiting, jaundice)  
Death | Sedimentation | Dx access to lizards & toads | No |
| *Eurytrema procyonis*  
Widespread, NC | Cats  
Raccoon  
Pancreatic duct | Terrestrial snails | Grasshoppers, Crickets | Pancreatic duct fibrosis & atrophy (vomiting & weight loss) | Sedimentation | Dx access to grasshopper & crickets | No |
| *Heterobilharzia americana*  
Widespread, NC | Dog  
Raccoon  
Mesenteric Blood vessels | Aquatic Snails  
(pond/puddle) | None  
(Direct cercaria penetration) | Adult fluke – minor  
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 |