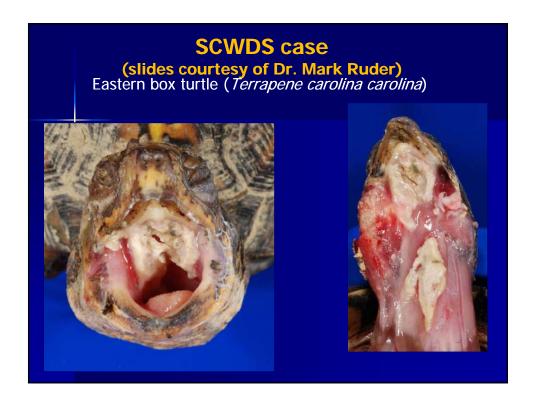
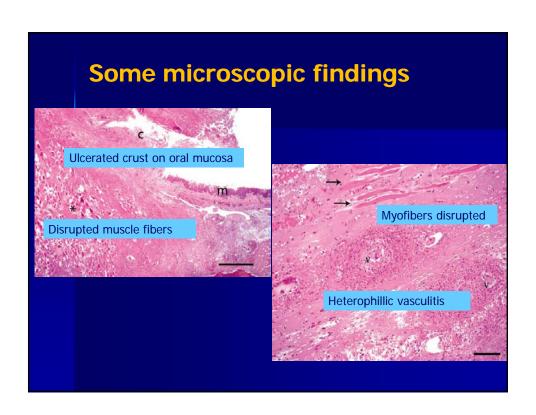


### What about reptiles?



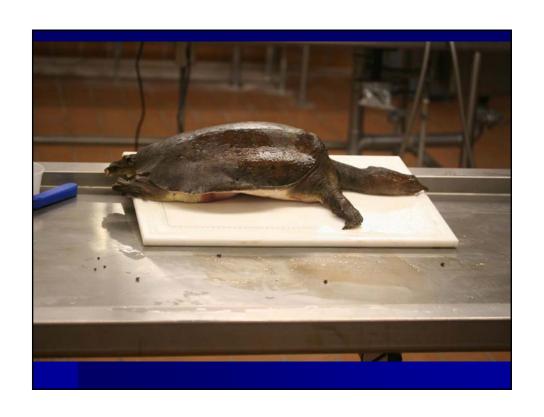


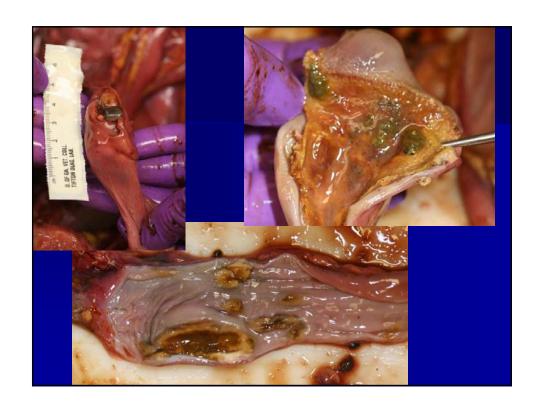


### **Diagnostics**

- Ranavirus isolated in tissue culture
  - Partial sequencing yielded Frog virus 3
- PCR on oropharyngeal swab and nasal flush
  - Ranavirus positive
  - Herpesvirus and Mycoplasma negative
- Mycoplasma culture of nasal flush
  - Negative

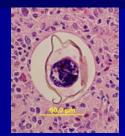
What about water turtles?





### Concurrent infections compound the diagnosis

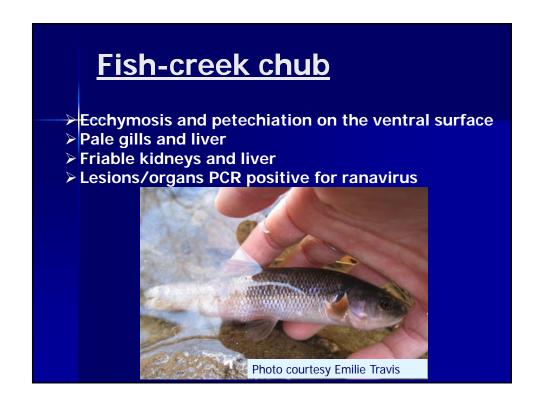
- Parasitism
  - Soft shells
    - Spirorchid eggs (often systemic)
    - Entomeoba spp trophozoites (intestines only)

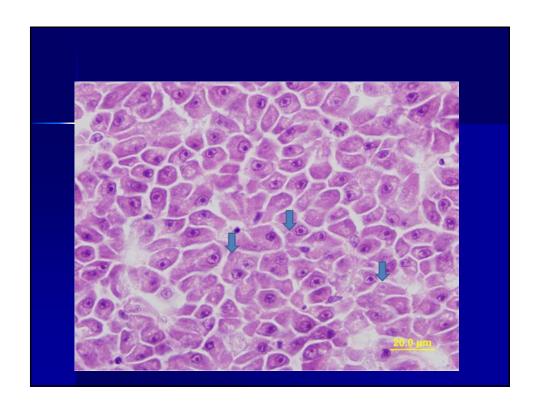


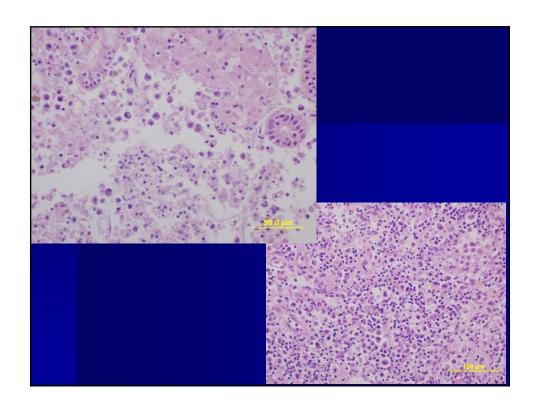
- Bacterial Enteritis
  - Sliders



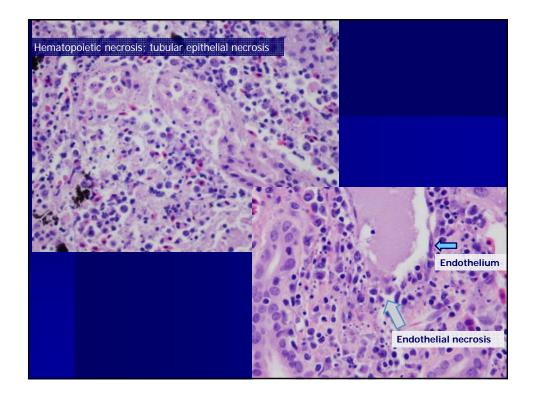
# What about Fish?

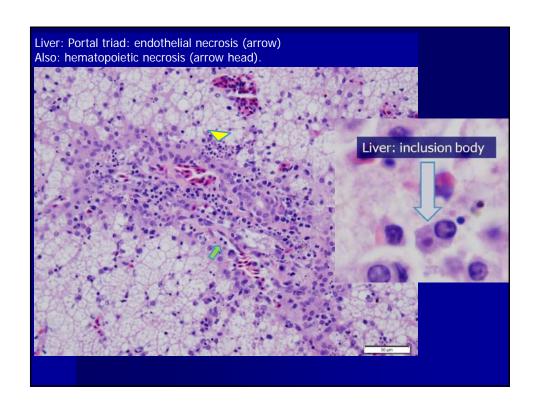












### Planned investigation:

Pilot study: fish challenges (Fall 2011)

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## Questions?