**Ideas for analyzing western pond turtle aquatic movement data**

-multi-state / state-space Bayesian movement model

– when are turtles foraging vs. resting vs. in terrestrial habitat?

-position error – calculate using data from fixed reference tags

-is this calculated automatically by the monitor array?

-look for overlap of space use among individuals – do turtles occupy the same locations at the same times?

-relate movement and space use to habitat selection – can we get data on the distribution of aquatic plants and algae in the lake?