Scale Paper revision plan.

1. Identifying new species
   1. To be considered a climate migrant or a co-invader in this study, a species needs to fit three criteria.
      1. Must be newly identified or increased in relative abundance since 2005
      2. Must have a higher STI than average minimum temperature at Port Fourchon, also higher mangrove-association index than average at port fourchon.
      3. Must have at least an 75% likelihood that trend is legitimate and not due to rare species.
2. Trends in community composition
   1. Hypothesis 1: Community is getting warmer
      1. plot CTI of plants (using mangrove cover) and CTI of animals along with temperature over time.
   2. Hypothesis 2: Community is getting more general
      1. use 95% temperature and salinity range of species to get niche. plot average niche size over time similar to STI.

To Do:

* Get STI of spartina and mangroves.
* use criteria to identify species
* calculate niche size.