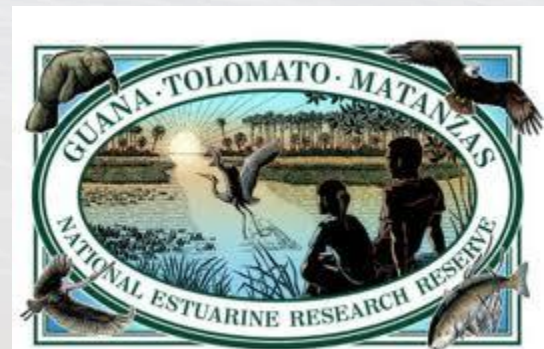


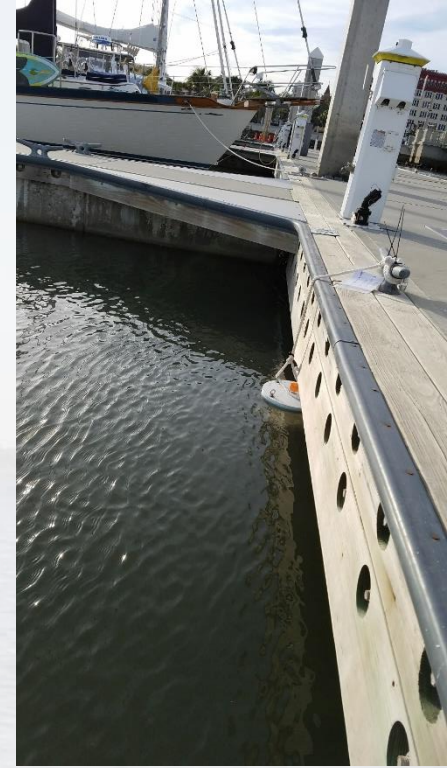
Comparison of the nearshore and nekton fish communities in the Matanzas River Estuary

Dr. Ed McGinley and Kenneth Rainer
Flagler College and GTM NERR

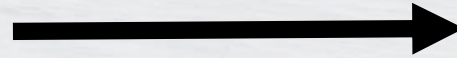


Estuaries

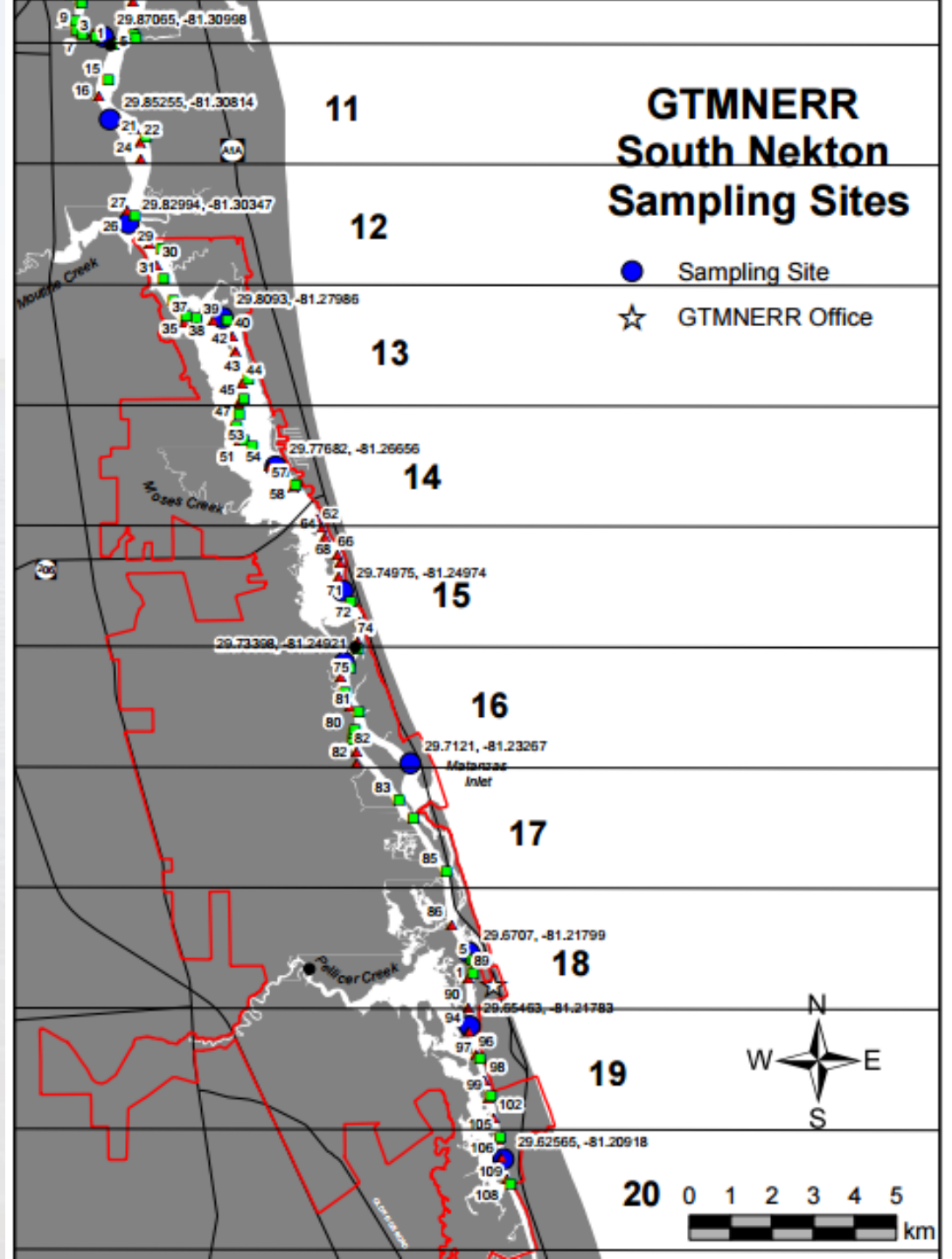
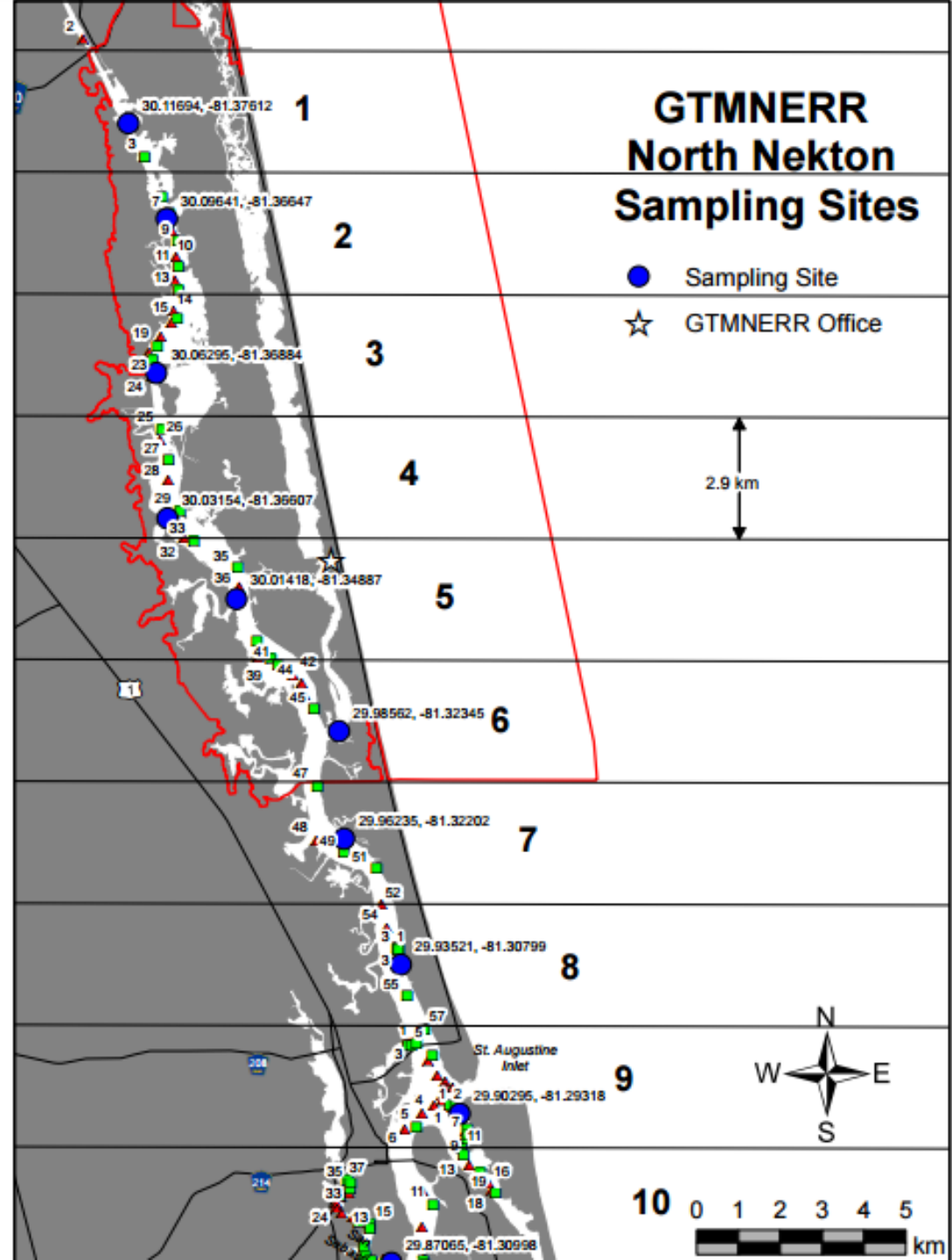
- Several habitats available for fish



Community ecology

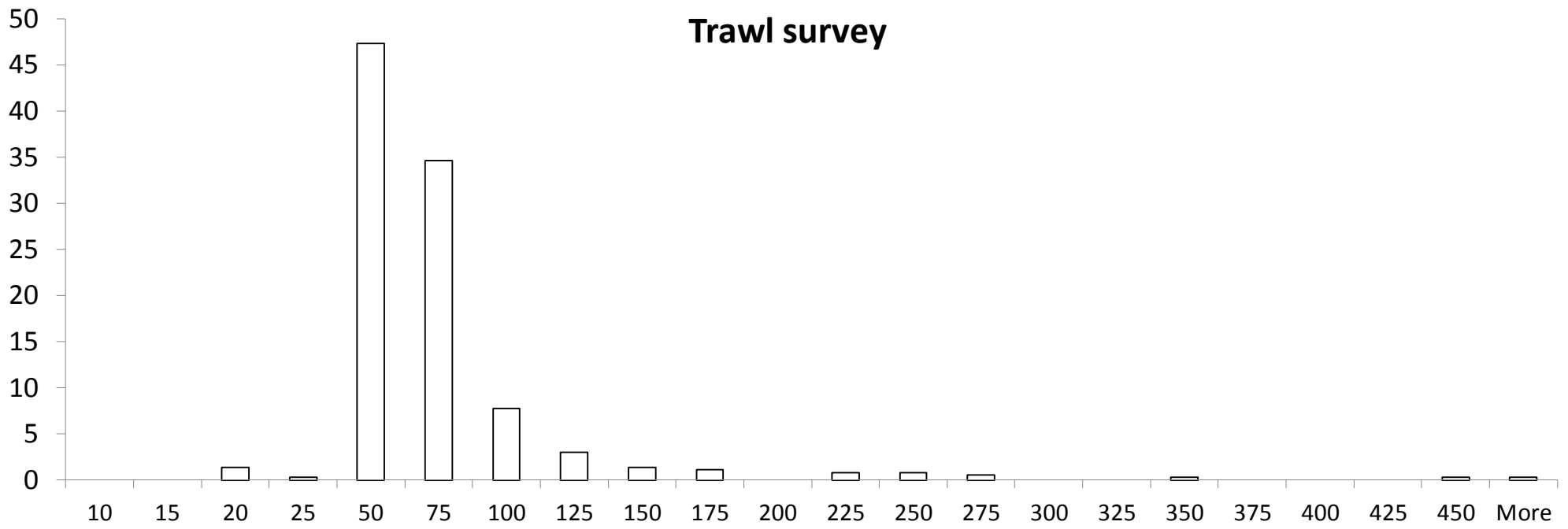




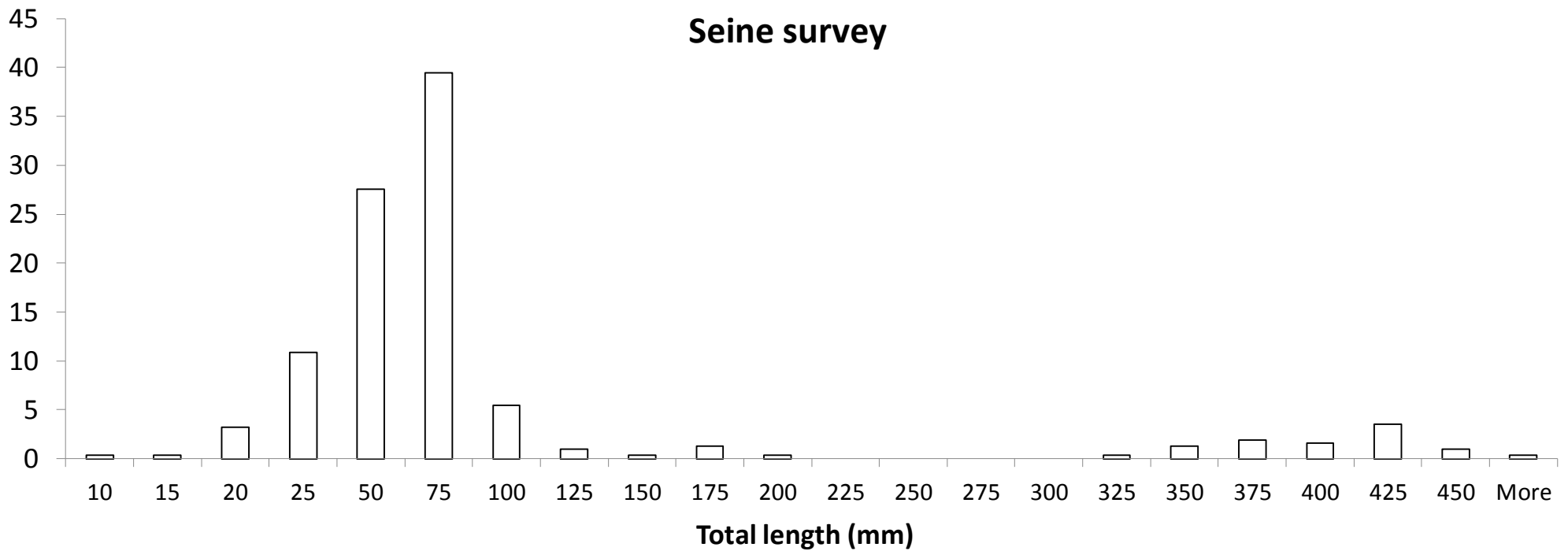


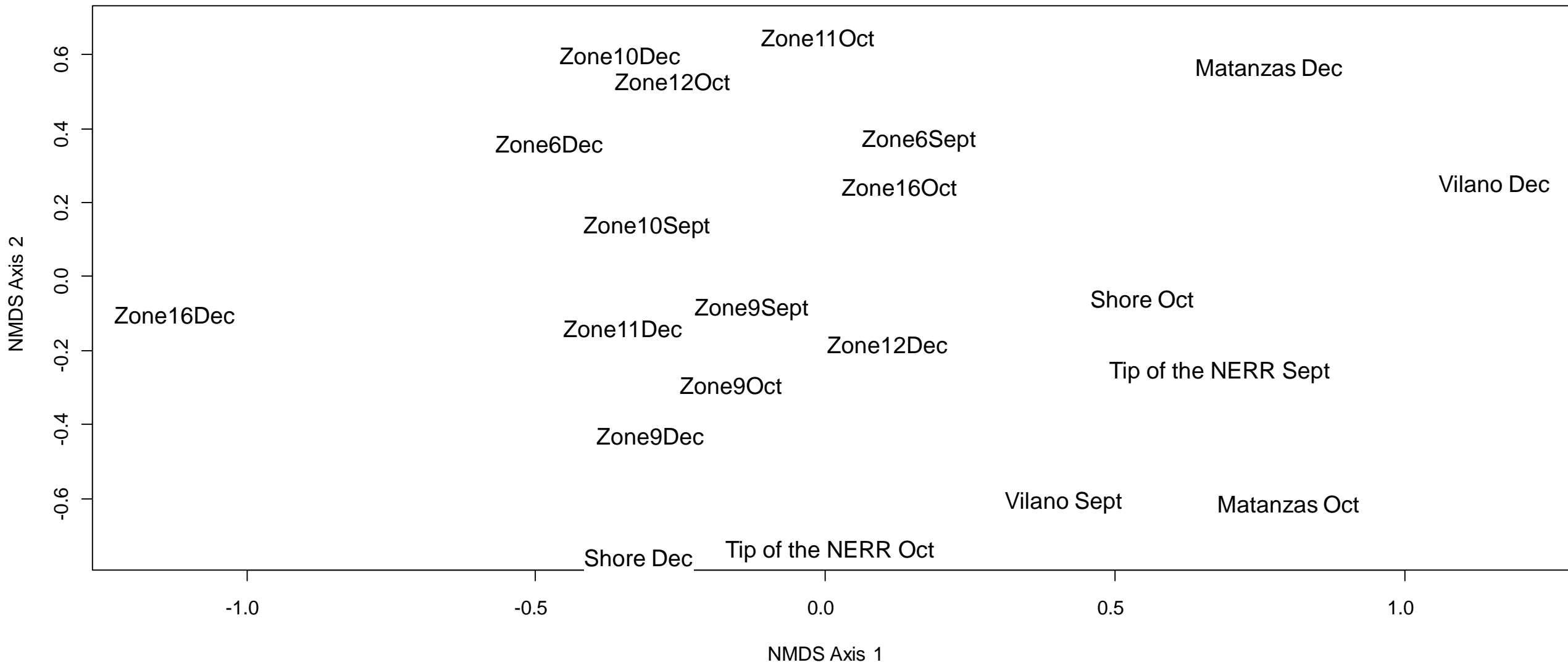
Percent total of catch (%)

Trawl survey

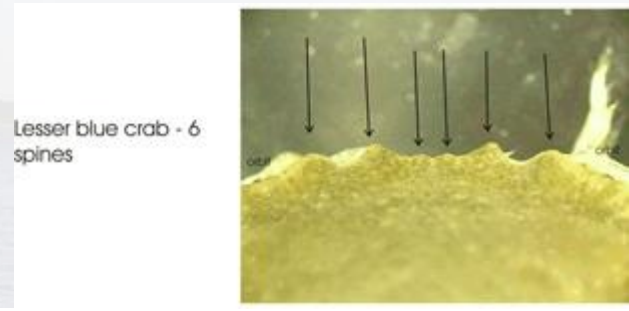
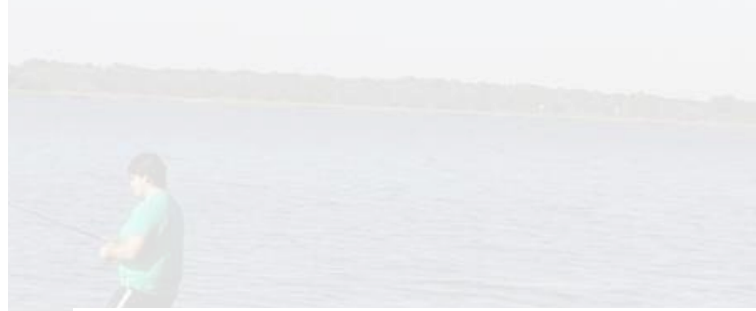
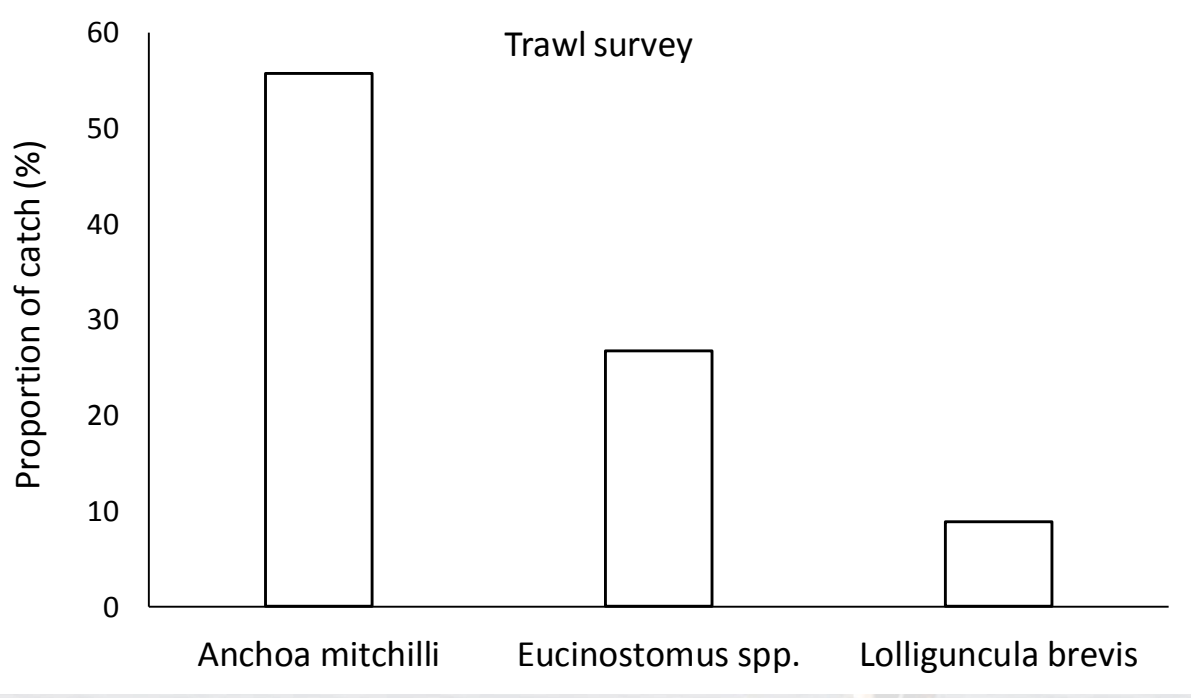


Seine survey

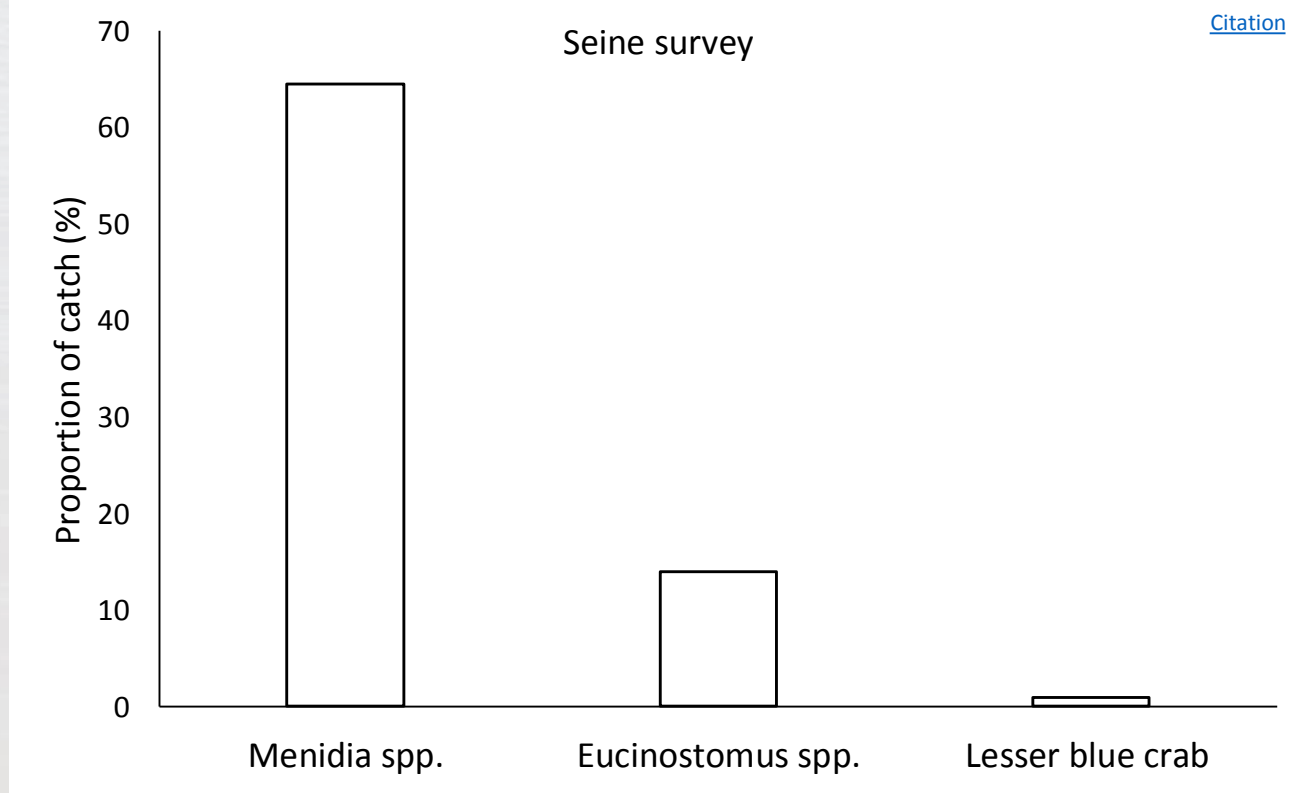




N = 1358



N = 606



[Citation](#)





Conclusions

- Nearshore versus nekton community
 - Distinct communities with species overlap
- Juvenile fish habitat on the periphery
- Diel movements of Atlantic brief squid
 - Night sampling to determine other species movements



Acknowledgments

- Flagler College student volunteers
- Flagler Science Faculty
- GTM NERR staff
- Zach McKenna/EcoTours



Questions?

