currently worth \$10 million annually, and landing southerp Brokkededint of tridicity princes sear 2 (2000). In the Quastings sees, I collaborated v

Bay Conservancy (QBC) to conduct a large-scale mesocosm experiment.

Oysters provided by the QBC were super glued to PVC plates and placed in 7-gallon buckets that either contained planted eelgrass shoots (Figure 1) or no eelgrass at all. Both of these bucketthdat then continuously filled via a PVC piping system with either seawater of futuristic conditions (higher temperature and lower pH, header tank #1), seawater that was only treated to have a lower pH (header tank #2), seawater that was only treated to have a higher temperature (header tank #3), or seawater with a present-day temperature and pH level (header tank #4). To examine oyster growth across all of these conditions, each oyster was photographed and traced for the difference in its surface area before and after the experiment. According to preliminary statistical analysis of this data, the mean size (surface area) of oysters was relatively the same across the four seawater treatm in a

peer-reviewed research paper in the near future.

Figure 1. An oyster plate placed in a 7-gallon bucket containing 15 planted eelgrass shoots from

Figure 2. The mean initial size (cm²) of the oysters in each of four different seawater treatments (each seawater treatment is labeled as its respective storage header tank). There was no significant