

TENTATIVE RESEARCH SCHEDULE

2004

Feb.-March: Gather/purchase supplies, set up field logistics, contact landowners at the 9 chosen sites, prepare substrates with *Fucus* and barnacles.

April: Begin fieldwork at all 9 sites: Outplant *Fucus* and barnacles. Establish Tidbits.

May: Measure *Fucus* and barnacles. Set out painted rocks to measure scour. Settle oyster spat on tiles.

June: Set out first sets of oyster tiles at all 9 sites. Measure and photograph *Fucus* and barnacles. Full SCALE sampling (surface and infauna) at all 9 sites. Collect material at each site to measure biomasses; dry and weigh in lab.

July: Measure oysters on all tiles. Measure and photograph *Fucus* and barnacles. Settle oyster spat on second set of tiles.

August: Measure and photograph *Fucus* and barnacles. Measure oysters and collect tiles: replace with new set. Harvest first set of oysters for isotope analyses.

September: Measure and photograph *Fucus*, barnacles, and oysters.

October: Measure oysters.

Nov.-December: Measure oysters, *Fucus*, barnacles. Prepare recruitment pots and settling tiles. Begin writing paper(s) using first year's data.

2005

Jan.-Feb.: Measure oysters. Set out first set of recruitment pots, settling tiles, and extra pots at north sites with sand manipulation.

March-April: Replace TidbiTs if necessary. Measure oysters. Outplant new *Fucus* and barnacle tiles. Replace settling tiles and recruitment pots.

May: Replace pots and tiles. Set out new painted rocks. Harvest overwintered oysters for isotope analyses. Settle oyster spat on new tiles.

June: Set out third sets of oyster tiles at all 9 sites. Measure and photograph *Fucus* and barnacles. Full SCALE sampling (surface and infauna) at all 9 sites. Collect material at each site to measure biomasses; dry and weigh in lab. Replace settling tiles and recruitment pots.

July: Measure oysters, *Fucus*, and barnacles. Replace settling tiles and recruitment pots.

August: Measure and photograph *Fucus* and barnacles. Measure oysters and collect tiles: replace with 4th set. Harvest third set of oysters for isotope analyses. Replace settling tiles and recruitment pots.

September: Measure oysters, *Fucus*, and barnacles.

October: Measure oysters. Replace settling tiles and recruitment pots.

Nov.-Dec.: Measure oysters. Replace settling tiles and recruitment pots. Write paper(s) summarizing growth data (primary and secondary productivity) and their relationships to temperature data and offshore DOE data including chlorophyll concentrations.

2006

Jan.-Feb.: Measure oysters. Replace settling tiles and recruitment pots. Set out extra pots (varying sand concentrations) at all sites.

March-April: Measure oysters, replace pots and tiles.

May: Measure oysters, replace pots and tiles.

June: Collect 4th set of oysters for isotope analyses. Replace pots and tiles.

July: Replace pots and tiles.

August: Replace pots and tiles.

September: Remove/'harvest' all experimental setups from beaches.

Fall 2006: Final analyses and writing. We anticipate writing at least 3 papers that will be submitted to peer-reviewed journals, and in addition will present results at local and national meetings beginning after year 1. Data will also be linked to the PIs' websites.