

## **DATA MANAGEMENT PLAN**

### **1. TYPES OF DATA COLLECTED**

All data will be stored on Buston Lab computers and copies will be backed up on external hard drives and stored in the Buston Lab. All data will be retained for a minimum of 10 years. We will collect six types of data:

- a. Individual level morphological: standard length, mass, condition
- b. Individual level behavioral: mouthing events, fanning events, time tending
- c. Individual level fitness components: growth, survival, reproduction
- d. Group level: number of individuals, changes in group membership, anemone size
- e. Population level: location and GPS coordinates of all territories
- f. Environmental: date, time, lunar day, lunar month, temperature, pH, salinity

### **2. DATA STORAGE AND PREPARATION**

All data will be cleaned up and submitted to the Biological and Chemical Oceanography Data Management Office (BCO-DMO). Metadata will be submitted within 6 months of collection.

### **3. DATA DISSEMINATION**

Data published in journal articles will be cleaned up and submitted to the BCO-DMO. All data will be available upon request at the time of publication.

### **4. DATA SHARING AND PUBLIC ACCESS**

All data will be available upon request and application of new analytical techniques (e.g. Buston & Elith 2012) will be actively encouraged with collaborators and at scientific meetings.

### **5. RESPONSIBILITIES FOR DATA MANAGEMENT**

Barbasch will have full responsibility for backing up and storing data, ensuring safe storage and easy access. In the event of key personnel departure, data will continue to be stored on computers and external hard drives in the Buston Lab.