**Metadata**Neilson BJ, Wall CB, Mancini FT, Gewecke CA. (2018) Herbivore biocontrol and manual removal successfully reduce invasive macroalgae on coral reefs. *PeerJ Preprints* 6:e26796v1 https://doi.org/10.7287/peerj.preprints.26796v1

Files uploaded to Zenodo follow a directory of ~Desktop/DLNR Invasive Algae. Within the folder ‘DLNR Invasive Algae’ is the R.makrdown script and the html output for the script. Additionally, there is a folder named ‘data’ that has the following files:

*Figure 1\_KBaymap.png  
Figure 2\_AlgaeTypes.png*  
*Figure 3\_Treatment.png  
InvAlgProjdata\_DLNR*

Files 1 – 3 go are referenced by the R-markdown script. They are used in the manuscript as Figure 1 – 3. File ‘InvAlgProjdata\_DLNR’ is all the compiled data for the project as a csv file.

*InvAlgProjdata\_DLNR*column names for *InvAlgProjdata\_DLNR*

*Factors----  
Date:* date of assessment in mm/dd/yy  
*Reef:* reef ID number (16, 26, 27, 28)  
*Treatment:* control (no removal of algae and no urchin outplanted), or Treatmen  
*Habitat*: aggregate (Ag), pavement (Pave), or mixture of aggregate and pavement (Mix)  
*Transect*: this is the ID for each transect  
*Time*: sampling points (see manuscript for details)  
*Season*: summer or winter, this is the binned time of year assessments took place

*\*Responses----  
Abiotic*: sand/bare substrate/turf (SBT)  
*As*: *Acanthophora spicifera  
CCA*: crustose coralline algae  
*Coral:* living reef corals  
*Ed*: *Eucheuma* clade E  
*Ks*: *Kappaphycu*s clade A and B  
Gs: *Gracilaria salicornia*  
*NatAlgae*: native macroalgae  
*Other*: any other substrate type  
*Inv\_Algae*: *Eucheuma* clade E and *Kappaphycu*s clade A and B  
  
*\** all response values represent proportion of cover in each transect, in the R code they are multiplied by 100 to percent