



Haleiwa Alii Beach Park, Haleiwa, HI

On Tuesday August 6, 13 Brad Stubbs, Cathy Gwecke and Andrew Purves from the Division of Aquatic Resources field team surveyed the fringe reef just West of Alii Beach park in Haleiwa. The survey was conducted to investigate the area for Kappaphycus because a picture was seen on Keoki Stender's webpage (<http://www.marinelifephotography.com/>) that referenced Kappaphycus in the area. The survey consisted of two people swimming transects using the 1, 2, 3 GPS mapping method for all invasive algae in the area. Kappaphycus was found in the area in small low density patches about 50-75 yards from shore, approximately 20 patches were found in total. It grew in a certain ecotone band that ran parallel to the shoreline approximately 100m out. Each patch was individually marked with a GPS point and photographed. The Kappaphycus seemed to be either grazed or broken off by wave action. Populations of *Hypnea musciformis* were also found in larger patches in the area. Samples were taken and will be sent in for analysis. Follow up surveys will be conducted as soon as possible to determine the full extent of its spread.

Report produced by Brad Stubbs, Cathy Gwecke, Jono Blodgett.







