



# EYES OF THE REEF NETWORK

## Coral Bleaching, Disease and COTS Reporting Form

Please direct any questions to **Krista Heide**, Program Coordinator, Reef Check Hawai'i

Phone: **(808) 953-4044** Email: [contact@reefcheckhawaii.org](mailto:contact@reefcheckhawaii.org)

Online Forms: <http://www.reefcheckhawaii.org/eyesofthereef.htm>



### A. OBSERVER INFORMATION

Observation Date: \_\_\_\_\_ Time: \_\_\_\_\_

Name: \_\_\_\_\_ Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Address: \_\_\_\_\_

Observer Category: Resident  Visitor  Tourism  Industry  Commercial  Research  Education  Other

Vessel/Organization (if applicable) \_\_\_\_\_

### B. SITE INFORMATION

Island: O'ahu  Kaua'i  Maui  Hawai'i  Moloka'i  Lana'i

Site Name: \_\_\_\_\_ Latitude: \_\_\_\_\_ Longitude: \_\_\_\_\_

Buoy #/Area of Reef: \_\_\_\_\_ Max. Depth: \_\_\_\_\_

**Reef Condition:** Percent Live Coral (Table 1)

Most Abundant Coral Types: Identify 1st, 2nd, & 3rd

0%  1-10%  11-30%   
31-50%  51-75%  76-100%

Small/Branching \_\_\_\_\_ Rice \_\_\_\_\_ Other \_\_\_\_\_  
Smooth Corals: Mounding \_\_\_\_\_ Finger \_\_\_\_\_ Plate & Pillar \_\_\_\_\_

ESTIMATED AREA AFFECTED \_\_\_\_\_

ARE PHOTOGRAPHS AVAILABLE? YES  NO

### C. BLEACHING INFORMATION

Min to Max depth Coral Bleaching was observed: \_\_\_\_\_

**Type of Coral Bleached (Table 2)**

**Percent of Coral Bleached (Table 1)**

**Severity of Bleaching**

Smooth: 0%  31-50%   Spotty bleaching on upper surface  
 Mounding  Small/Branching 1-10%  51-75%   Pale (very light brown, purple or yellow)  
 Finger  Rice 11-30%  76-100%   Totally Bleached White  
 Plate & Pillar  Other \_\_\_\_\_  Bleached Coral with Algae

### D. DISEASE INFORMATION

Min to Max depth Coral Disease was observed: \_\_\_\_\_

**Type of Coral Affected (Table 2)**

**Percent of Coral Affected (Table 1)**

**Lesion Type**

Smooth: 0%  31-50%   Tissue Loss  
 Mounding  Small/Branching 1-10%  51-75%   Growth Anomaly  
 Finger  Rice 11-30%  76-100%   Discoloration  
 Plate & Pillar  Other \_\_\_\_\_

### E. CROWN-OF-THORNS SEA STARS INFORMATION

Depth observed: \_\_\_\_\_

**Type of Coral Affected (Table 2)**

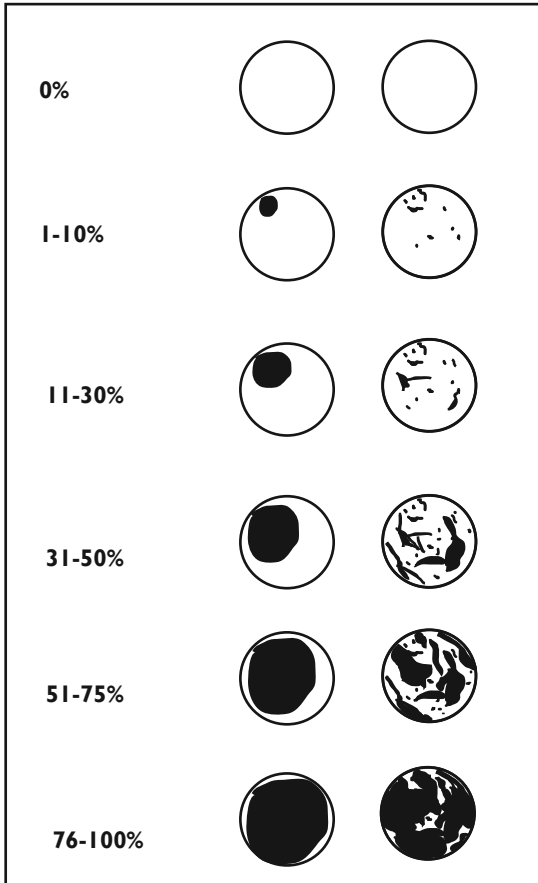
**Percent of Coral Affected (Table 1)**

**Estimated # of Animals**

Smooth: 0%  31-50%  1-50  251-500   
 Mounding  Small/Branching 1-10%  51-75%  51-100  501-1000   
 Finger  Rice 11-30%  76-100%  101-250  1000+   
 Plate & Pillar  Other \_\_\_\_\_

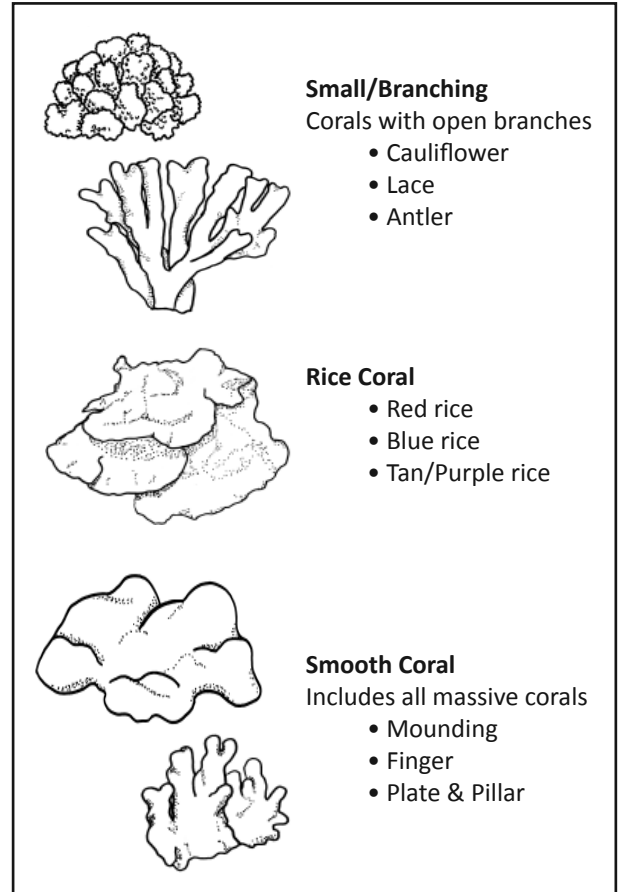
**Table 1: Percent Live Coral**

This figure is to help estimate percent cover. It can be used first to determine what proportion of the reef is covered with live coral (& coral cover) (Section B) then to estimate the proportion of corals on the reef that are affected by bleaching or disease (% of corals bleached or diseased) (Section C, D, E).



**Table 2: Coral ID Key**

The table below helps identify major groups of corals found in Hawai'i by shape. More experienced observers are encouraged to identify by family, genus and/or species.



**Fold, tape and mail this form to Eyes of the Reef Network, Reef Check Hawai'i using the self-addressed panel below. You may also report online at <http://www.reefcheckhawaii.org/eyesofthereef.htm>**

Place  
First Class  
Stamp  
Here

**Eyes of the Reef Network**  
Reef Check Hawai'i  
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