

| <b>RAPID BLEACHING SURVEY (Haphazard quadrat collection)</b>   |                                |                                     | <b>Observer(s):</b>                             |       |        |        |                        |                    |
|--|--------------------------------|-------------------------------------|---|-------|--------|--------|------------------------|--------------------|
| <b>Site name:</b>  |                                |                                     | <b>Quadrat size (m<sup>2</sup>):</b>            |       |        |        | <b>Depth (m):</b>      |                    |
| <b>Management regime:</b>  |                                |                                     | <b>Total number of quadrats (aim is 15-20):</b> |       |        |        |                        |                    |
| <b>Date (dd/mm/yy):</b>  |                                |                                     | <b>Start time:</b>                              |       |        |        | <b>End time:</b>       |                    |
| <b>GPS waypoint:</b>   |                                |                                     | <b>Latitude:</b>                                |       |        |        | <b>Longitude:</b>      |                    |
| <b>Tide:</b> Rising / Full / Falling / Low   |                                |                                     | <b>Water Temp (°C):</b>                         |       |        |        | <b>Visibility (m):</b> |                    |
| <p><b>Scientific name:</b> taxonomic identification of the coral genus of each colony observed</p> <p><b>Condition or bleaching severity</b> of hard coral observed: <b>Normal:</b> Hard coral in normal healthy condition; <b>Pale:</b> hard coral that has discolored to appear pale; <b>Bleaching severity</b> is recorded as a percentage of the colony surface that is bleached: <b>0-20 %</b>, <b>20-50 %</b>, <b>50-80 %</b> or <b>80-100%</b>; <b>RD:</b> Recently dead (skeleton visible and may be covered in recent turf growth).</p> <p>The percentage cover in each quadrat is recorded in 5 % increments for <b>HC:</b> Hard coral; <b>SC:</b> Soft coral; <b>MA:</b> Macroalgae</p> |                                |                                     |   |       |        |        |                        |                    |
| Number   | Scientific name                | Colony counts by bleaching severity |   |       |        |        |                        |                    |
|  |                                | Normal                              | Pale  | 0-20% | 20-50% | 50-80% | 80-100%                | Recently Dead (RD) |
|  | Hard coral genus / Growth form | Normal                              | Pale  | 0-20  | 21-50  | 51-80  | 81-100                 | RD                 |
| 1  |                                |                                     |   |       |        |        |                        |                    |
| 2  |                                |                                     |   |       |        |        |                        |                    |
| 3  |                                |                                     |   |       |        |        |                        |                    |
| 4  |                                |                                     |   |       |        |        |                        |                    |
| 5  |                                |                                     |   |       |        |        |                        |                    |
| 6  |                                |                                     |   |       |        |        |                        |                    |
| 7  |                                |                                     |   |       |        |        |                        |                    |
| 8  |                                |                                     |   |       |        |        |                        |                    |
| 9  |                                |                                     |   |       |        |        |                        |                    |
| 10   |                                |                                     |   |       |        |        |                        |                    |
| 11   |                                |                                     |   |       |        |        |                        |                    |
| 12   |                                |                                     |   |       |        |        |                        |                    |
| 13   |                                |                                     |   |       |        |        |                        |                    |
| 14   |                                |                                     |   |       |        |        |                        |                    |
| 15   |                                |                                     |   |       |        |        |                        |                    |
| 16   |                                |                                     |   |       |        |        |                        |                    |
| 17   |                                |                                     |   |       |        |        |                        |                    |
| 18   |                                |                                     |   |       |        |        |                        |                    |

|    | Hard coral genus / Growth form | Normal | Pale | 0-20 | 21-50 | 51-80 | 81-100 | RD |
|----|--------------------------------|--------|------|------|-------|-------|--------|----|
| 19 |                                |        |      |      |       |       |        |    |
| 20 |                                |        |      |      |       |       |        |    |
| 21 |                                |        |      |      |       |       |        |    |
| 22 |                                |        |      |      |       |       |        |    |
| 23 |                                |        |      |      |       |       |        |    |
| 24 |                                |        |      |      |       |       |        |    |
| 25 |                                |        |      |      |       |       |        |    |
| 26 |                                |        |      |      |       |       |        |    |
| 27 |                                |        |      |      |       |       |        |    |
| 28 |                                |        |      |      |       |       |        |    |
| 29 |                                |        |      |      |       |       |        |    |
| 30 |                                |        |      |      |       |       |        |    |
| 31 |                                |        |      |      |       |       |        |    |
| 32 |                                |        |      |      |       |       |        |    |
| 33 |                                |        |      |      |       |       |        |    |
| 34 |                                |        |      |      |       |       |        |    |
| 35 |                                |        |      |      |       |       |        |    |
| 36 |                                |        |      |      |       |       |        |    |
| 37 |                                |        |      |      |       |       |        |    |
| 38 |                                |        |      |      |       |       |        |    |
| 39 |                                |        |      |      |       |       |        |    |
| 40 |                                |        |      |      |       |       |        |    |
| 41 |                                |        |      |      |       |       |        |    |
| 42 |                                |        |      |      |       |       |        |    |

| Quadrat number | % Cover<br>(to nearest 5%) |    |    |
|----------------|----------------------------|----|----|
|                | HC                         | SC | MA |
| 1              |                            |    |    |
| 2              |                            |    |    |
| 3              |                            |    |    |
| 4              |                            |    |    |
| 5              |                            |    |    |
| 6              |                            |    |    |
| 7              |                            |    |    |
| 8              |                            |    |    |
| 9              |                            |    |    |
| 10             |                            |    |    |
| 11             |                            |    |    |
| 12             |                            |    |    |
| 13             |                            |    |    |
| 14             |                            |    |    |
| 15             |                            |    |    |
| 16             |                            |    |    |
| 17             |                            |    |    |
| 18             |                            |    |    |
| 19             |                            |    |    |
| 20             |                            |    |    |
| 21             |                            |    |    |
| 22             |                            |    |    |