Table S1. Proportion (%) of colonies not bleached, moderately bleached, severely bleached and bleaching indices for all genera that had at least 5 colonies surveyed on all three survey occasions.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **June** | **July** | **October** |
| **Genus** | **n** | **Not bleached** | **Moderate** | **Severe** | **BI** | **n** | **Not bleached** | **Moderate** | **Severe** | **BI** | **n** | **Not bleached** | **Moderate** | **Severe%** | **BI** |
| *Acropora* | *21* | 95 | 5 | 0 | **2** | *62* | 82 | 18 | 0 | **9** | *83* | 96 | 4 | 0 | **2** |
| *Galaxea* | *17* | 94 | 6 | 0 | **3** | *10* | 80 | 20 | 0 | **10** | *14* | 100 | 0 | 0 | **0** |
| *Pavona* | *24* | 79 | 17 | 4 | **13** | *14* | 79 | 21 | 0 | **11** | *14* | 100 | 0 | 0 | **0** |
| *Merulina* | *54* | 54 | 43 | 4 | **25** | *43* | 65 | 35 | 0 | **17** | *25* | 92 | 8 | 0 | **4** |
| *Favites* | *20* | 40 | 50 | 10 | **35** | *26* | 38 | 50 | 12 | **37** | *25* | 80 | 16 | 4 | **12** |
| *Echinopora* | *22* | 41 | 41 | 18 | **39** | *14* | 29 | 64 | 7 | **39** | *11* | 64 | 36 | 0 | **18** |
| *Favia* | *9* | 22 | 78 | 0 | **39** | *12* | 25 | 58 | 17 | **46** | *9* | 78 | 22 | 0 | **11** |
| *Platygyra* | *38* | 42 | 37 | 21 | **39** | *18* | 39 | 28 | 33 | **47** | *24* | 75 | 21 | 4 | **15** |
| *Goniastrea* | *41* | 34 | 44 | 22 | **44** | *54* | 46 | 39 | 15 | **34** | *35* | 89 | 6 | 6 | **9** |
| *Porites* | *15* | 47 | 13 | 40 | **47** | *17* | 47 | 18 | 35 | **44** | *23* | 57 | 17 | 26 | **35** |
| *Symphyllia* | *12* | 25 | 42 | 33 | **54** | *12* | 17 | 75 | 8 | **46** | *12* | 67 | 25 | 8 | **21** |
| *Pocillopora* | *12* | 17 | 58 | 25 | **54** | *10* | 0 | 80 | 20 | **60** | *40* | 85 | 15 | 0 | **8** |
| *Ctenactis* | *6* | 17 | 50 | 33 | **58** | *5* | 40 | 0 | 60 | **60** | *7* | 71 | 29 | 0 | **14** |
| *Montipora* | *146* | 25 | 29 | 46 | **60** | *105* | 36 | 15 | 49 | **56** | *64* | 92 | 6 | 2 | **5** |
| *Hydnophora* | *8* | 13 | 50 | 38 | **63** | *10* | 10 | 60 | 30 | **60** | *8* | 75 | 25 | 0 | **13** |
| *Pectinia* | *54* | 11 | 52 | 37 | **63** | *41* | 24 | 54 | 22 | **49** | *27* | 67 | 26 | 7 | **20** |
| *Fungia* | *25* | 16 | 40 | 44 | **64** | *27* | 19 | 52 | 30 | **56** | *25* | 80 | 16 | 4 | **12** |
| *Podabacia* | *5* | 20 | 20 | 60 | **70** | *7* | 14 | 14 | 71 | **79** | *9* | 56 | 44 | 0 | **22** |
| *Pachyseris* | *35* | 11 | 17 | 71 | **80** | *27* | 7 | 7 | 85 | **89** | *9* | 56 | 33 | 11 | **28** |