**Table S7.** Benthic community composition surveyed on the reef crest near locations of single-choice assays (loc A-C) and near locations of multiple-choice assays (loc D) in 2018. Given are % of total cover for live coral cover (LCC), turf algae, sand, rubble, other life and macroalgae, whereas macroalgae are split into the genera *Turbinara, Lobophora, Padina* and *Sargassum*. Replicate number n = 14 at loc A, n = 10 at loc B, n = 12 at loc C and n = 12 at loc D.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2018**  **reef crest** | **a) single-choice** | | | | | | **b) multiple-choice** | |
|  | **loc A** | | **loc B** | | **loc C** | | **loc D** | |
| **Benthos** | **% cover** | **% SE** | **% cover** | **% SE** | **% cover** | **% SE** | **% cover** | **% SE** |
| LCC | 52.95 | 10.60 | 33.37 | 8.72 | 31.58 | 12.27 | 43.41 | 12.20 |
| Turf Algae | 34.74 | 3.06 | 34.87 | 3.60 | 58.98 | 2.00 | 43.32 | 2.37 |
| Sand | 0.36 | 0.00 | 0.21 | 0.11 | - | - | - | - |
| Rubble | 1.89 | 0.72 | 27.91 | 3.92 | 2.43 | 0.55 | 9.15 | 2.15 |
| Other Life | 1.25 | 0.49 | 2.04 | 1.69 | 1.25 | 0.86 | 0.92 | 0.26 |
| Macroalgae | 8.81 | 2.19 | 1.60 | 1.05 | 5.76 | 2.00 | 3.19 | 1.21 |
| **of which** |  |  |  |  |  |  |  |  |
| *Turbinaria* | 0.15 | 0.15 | 0.32 | 0.32 | - | - | - | - |
| *Lobophora* | 8.01 | 1.65 | 1.28 | 0.73 | 4.93 | 1.51 | 2.43 | 0.75 |
| *Padina* | 0.66 | 0.40 | - | - | 0.84 | 0.49 | 0.76 | 0.47 |
| *Sargassum* | - | - | - | - | - | - | - | - |