|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Species** | **Area [cm2]** | **Specific calcific. Rate** | **Cover** | **Rugosity** | **Calcification rate** |
|  | [cm2] | a) b) | c) |  | d) |
| *Meandrina meandrites* | 496 | 2.19 | 1.12 | 1.36 | 0.033 |
| *Orbicella faveolata* | 276 | 9.07 | 0.62 | 1.36 | 0.077 |
| *Siderastrea siderea* | 85 | 8.53 | 0.19 | 1.36 | 0.022 |
| *Diploria clivosa* | 756 | 4.99 | 1.71 | 1.36 | 0.116 |
| *Montastraea cavernosa* | 101 | 9.07 | 0.23 | 1.36 | 0.028 |
| *Millipora spp.* | 107 | 28.10 | 0.24 | 1.36 | 0.092 |
| *Madracis decactis* | 26 | 34.36 | 0.06 | 1.36 | 0.027 |
| **Total Coral Calcification** |  |  |  |  | **0.396** |
| **Total CCA Calcification** | 2940 | 0.18 | 17.00 | 1.36 | **0.042** |
| **Total Microbioerosion** | 9397 | 0.27 | 21.22 | 1.36 | **0.078** |
| [kg CaCO3 m-2 yr-1 planar incubation surface] |  |  |  |  | **0.360** |
| [mmol m-2 h-1 planar incubation area] |  |  |  |  | **0.411** |

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| a) [kg CaCO3 m-2 organism yr-1] |
| b) The specific calcification rates are from Perry's ReefBudget website, the 5-10 meter deep sheet; <http://geography.exeter.ac.uk/media/universityofexeter/schoolofgeography/reefbudget/documents>  /Benthic\_Data\_Entry\_Template\_5-10m\_depth.xls |
| c) [% of full planar 4.4 m2] |
| d) [kg CaCO3 m-2 yr-1 planar incubation surface] |