**Supplementary Table S2.** Mean (± SE) macroalgalspecies biomass (g.m-2) at the Arvoredo MPA (Brazil) rhodolith bed (southeastern Brazil) in summer 2015.

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| **Species** | **Feb/2015** |
| *Padina gymnospora* | 36.44 (±14.42) |
| *Amphiroa fragilissima* (Linnaeus) J.V.Lamouroux | 3.90 (±1.54) |
| *Canistrocarpus cervicornis* (Kützing) De Paula & De Clerck | 1.57 (±0.83) |
| *Dictyopteris delicatula* J.V.Lamouroux | 1.09 (±0.83) |
| *Gelidium crinale* (Hare ex Turner) Gaillon | 0.45 (±0.39) |
| Filamentous red algae | 0.36 (±0.11) |
| *Hypnea spinella* (C.Agardh) Kützing | 0.24 (±0.17) |
| *Jania adhaerens* J.V.Lamouroux | 0.18 (±0.16) |
| *Hypnea musciformis* (Wulfen) J.V.Lamouroux | 0.12 (±0.10) |
| *Gelidiopsis intricata* (C.Agardh) Vickers | 0.10 (±0.08) |
| *Ernodesmis*  *verticillata* (Kützing) Børgesen | 0.064 (±0.049) |
| *Cladophora vagabunda* (Linnaeus) Hoek | 0.061 (±0.025) |
| *Champia parvula* (C.Agardh) Harvey | 0.052 (±0.038) |
| *Rosenvingea intricata (J.Agardh) Børgesen* | 0.021 (±0.021) |
| *Dictyopteris plagiogramma (Montagne) Vickers* | 0.018 (±0.018) |
| **Total** | **46.22 (±54.56)** |