Table S-3. Elemental contents of common rhodophytes collected between July 2014 and August 2015.

|  |  |  |
| --- | --- | --- |
| Species | Element | Mean (standard error) for sampling events |
| 2014 |  | 2015 |
| Jul | Aug | Oct | Dec |  | Feb | Apr | Jun | Aug |
| *Agardhiella sublata* | Carbon | 16.6(0.6) | 20.1(0.9) | 27.2(0.8) | 21.0(0.7) |  | 23.7(1.5) | 22.3(0.8) | 24.0(1.8) | 28.4(0.7) |
|  | Nitrogen | 1.66(0.04) | 1.53(0.16) | 2.48(0.12) | 2.37(0.05) |  | 2.29(0.16) | 1.63(0.09) | 1.83(0.10) | 1.54(0.06) |
|  | Phosphorus | 0.083(0.002) | 0.079(0.009) | 0.152(0.018) | 0.122(0.014) |  | 0.072(0.003) | 0.058(0.004) | 0.081(0.013) | 0.075(0.007) |
| *Gracilaria tikvahiae* | Carbon | NA | 30.0(1.1) | 26.4(1.1) | 28.4(0.7) |  | 29.4(1.2) | 29.1(0.9) | 31.2(0.9) | 29.9(0.7) |
|  | Nitrogen | NA | 2.51(0.17) | 2.29(0.09) | 3.28(0.07) |  | 2.98(0.25) | 2.27(0.11) | 2.17(0.15) | 2.18(0.06) |
|  | Phosphorus | NA | 0.176(0.006) | 0.093(0.013) | 0.137(0.014) |  | 0.085(0.010) | 0.089(0.008) | 0.079(0.015) | 0.089(0.008) |
| *Crassiphycus secundus* | Carbon | 26.9(0.4) | 27.3(0.4) | 28.2(0.7) | 31.2(0.8) |  | 32.5(1.5) | 33.9(0.4) | 31.4(0.9) | 29.8(1.4) |
|  | Nitrogen | 2.25(0.29) | 1.73(0.11) | 2.41(0.08) | 2.97(0.10) |  | 3.57(0.25) | 3.58(0.02) | 1.84(0.11) | 1.81(0.07) |
|  | Phosphorus | 0.162(0.037) | 0.094(0.016) | 0.084(0.011) | 0.058(0.014) |  | 0.098(0.020) | 0.042(0.003) | 0.054(0.007) | 0.066(0.012) |

NA = not available