|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **APPENDICES** | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 59.902 | 3 | 19.967 | 5.423 | .009 |
| Within Groups | 58.910 | 16 | 3.682 |  |  |
| Total | 118.812 | 19 |  |  |  |

1. ANOVA of consumption of *D. setosum* in choice feeding experiments.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| (I) Plant Species | (J) Feeds | Mean Difference (I-J) | Std. Error | Sig. | 95% Confidence Interval | |
| Lower Bound | Upper Bound |
| *Padina* sp. | *C. spongiosum* | -2.25800 | 1.21357 | .283 | -5.7300 | 1.2140 |
| *H. macroloba* | -1.15600 | 1.21357 | .777 | -4.6280 | 2.3160 |
| *E. acoroides* | 2.40800 | 1.21357 | .235 | -1.0640 | 5.8800 |
| *C. spongiosum* | *Padina* sp. | 2.25800 | 1.21357 | .283 | -1.2140 | 5.7300 |
| *H. macroloba* | 1.10200 | 1.21357 | .801 | -2.3700 | 4.5740 |
| *E. acoroides* | 4.66600\* | 1.21357 | .007 | 1.1940 | 8.1380 |
| *H. macroloba* | *Padina* sp. | 1.15600 | 1.21357 | .777 | -2.3160 | 4.6280 |
| *C. spongiosum* | -1.10200 | 1.21357 | .801 | -4.5740 | 2.3700 |
| *E. acoroides* | 3.56400\* | 1.21357 | .043 | .0920 | 7.0360 |
| *E. acoroides* | *Padina* sp. | -2.40800 | 1.21357 | .235 | -5.8800 | 1.0640 |
| *C. spongiosum* | -4.66600\* | 1.21357 | .007 | -8.1380 | -1.1940 |
| *H. macroloba* | -3.56400\* | 1.21357 | .043 | -7.0360 | -.0920 |
| \*. The mean difference is significant at the 0.05 level.   1. Post hoc multiple comparisons on consumption of *D. setosum* on different types   of feeds in choice feeding experiments. | | | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Feed Types | Mean consumption rate | | N | Std. Deviation | Minimum | | Maximum |
| *Halimeda macroloba* | .2167 | | 3 | .17474 | .07 | | .41 |
| *Ceratodictyon spongiosum* | .1467 | | 3 | .04509 | .10 | | .19 |
| Total | .1817 | | 6 | .12040 | .07 | | .41 |
| 1. Consumption rate of D. setosum on two preferred feeds in no-choice feeding experiments. | | | | | |
|  | | Consumption Rate | | | |
| Mann-Whitney U | | 4.000 | | | |
| Wilcoxon W | | 10.000 | | | |
| Z | | -.218 | | | |
| Asymp. Sig. (2-tailed) | | .827 | | | |
| Exact Sig. [2\*(1-tailed Sig.)] | | 1.000b | | | |
| a. Grouping Variable: Feeds | | | | | |
| b. Not corrected for ties. | | | | | |
| 1. Mann-Whitney U test on the consumption rate of D. setosum in no-choice feeding experiments. | | | | | |
|  | | | | | |