**S3** **Table.** Two-way ANOVA and *post hoc* Tukey Tests (p<0.05) of: (i) Absolute growth (cm2 month-1), (ii) % Growth (Ln transformed) month-1 and (iii) return-on-effort (RRE), binned by site (BL versus RB) and by species (see Table S1). Statistical analysis was conducted using R Studio version 1.1.423 (RStudio Team 2015). Test for normality (qq-plots) and equal variance (Levene’s test) were passed. NS denotes non-significance.

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| --- | --- | --- | --- | --- |
| **Test** | **Group** | **F** | ***p*** | ***Post hoc* approach groupings (p<0.05)** |
| Absolute growth | SpeciesSiteSpecies x site | 22.7125.223.15 | <0.001<0.0010.003 | **Ahya-Ahum**Alor-AhumAmill-Ahum**Aten-Ahum**Mhis-AhumPcyl-AhumPver-Ahum**Alor-Ahya****Amill-Ahya****Aten-Ahya****Mhis-Ahya****Pcyl-Ahya****Pver-Ahya**Amill-Alor**Aten-Alor**Mhis-AlorPcyl-Alor**Pver-Alor****Aten-Amill**Mhis-AmillPcyl-Amill**Pver-Amill****Mhis-Aten****Pcyl-Aten**Pver-AtenPcyl-MhisPver-MhisPver-PcylBL-RB**Ahya:BL-Ahum:BL**Alor:BL-Ahum:BLAmill:BL-Ahum:BL**Aten:BL-Ahum:BL**Mhis:BL-Ahum:BLPcyl:BL-Ahum:BLPver:BL-Ahum:BLAhum:RB-Ahum:BLAhya:RB-Ahum:BLAlor:RB-Ahum:BLAmill:RB-Ahum:BLAten:RB-Ahum:BLMhis:RB-Ahum:BLPcyl:RB-Ahum:BLPver:RB-Ahum:BL**Alor:BL-Ahya:BL****Amill:BL-Ahya:BL****Aten:BL-Ahya:BL****Mhis:BL-Ahya:BL****Pcyl:BL-Ahya:BL****Pver:BL-Ahya:BL****Ahum:RB-Ahya:BL****Ahya:RB-Ahya:BL****Alor:RB-Ahya:BL****Amill:RB-Ahya:BL****Aten:RB-Ahya:BL****Mhis:RB-Ahya:BL****Pcyl:RB-Ahya:BL****Pver:RB-Ahya:BL**Amill:BL-Alor:BLAten:BL-Alor:BLMhis:BL-Alor:BLPcyl:BL-Alor:BLPver:BL-Alor:BLAhum:RB-Alor:BLAhya:RB-Alor:BLAlor:RB-Alor:BLAmill:RB-Alor:BLAten:RB-Alor:BLMhis:RB-Alor:BLPcyl:RB-Alor:BLPver:RB-Alor:BLAten:BL-Amill:BLMhis:BL-Amill:BLPcyl:BL-Amill:BLPver:BL-Amill:BLAhum:RB-Amill:BLAhya:RB-Amill:BLAlor:RB-Amill:BLAmill:RB-Amill:BLAten:RB-Amill:BLMhis:RB-Amill:BLPcyl:RB-Amill:BLPver:RB-Amill:BL**Mhis:BL-Aten:BL****Pcyl:BL-Aten:BL**Pver:BL-Aten:BL**Ahum:RB-Aten:BL**Ahya:RB-Aten:BL**Alor:RB-Aten:BL****Amill:RB-Aten:BL****Aten:RB-Aten:BL****Mhis:RB-Aten:BL**Pcyl:RB-Aten:BLPver:RB-Aten:BLPcyl:BL-Mhis:BLPver:BL-Mhis:BLAhum:RB-Mhis:BLAhya:RB-Mhis:BLAlor:RB-Mhis:BLAmill:RB-Mhis:BLAten:RB-Mhis:BLMhis:RB-Mhis:BLPcyl:RB-Mhis:BLPver:RB-Mhis:BLPver:BL-Pcyl:BLAhum:RB-Pcyl:BLAhya:RB-Pcyl:BLAlor:RB-Pcyl:BLAmill:RB-Pcyl:BLAten:RB-Pcyl:BLMhis:RB-Pcyl:BLPcyl:RB-Pcyl:BLPver:RB-Pcyl:BLAhum:RB-Pver:BLAhya:RB-Pver:BL**Alor:RB-Pver:BL****Amill:RB-Pver:BL**Aten:RB-Pver:BLMhis:RB-Pver:BLPcyl:RB-Pver:BLPver:RB-Pver:BLAhya:RB-Ahum:RBAlor:RB-Ahum:RBAmill:RB-Ahum:RBAten:RB-Ahum:RBMhis:RB-Ahum:RBPcyl:RB-Ahum:RBPver:RB-Ahum:RBAlor:RB-Ahya:RBAmill:RB-Ahya:RBAten:RB-Ahya:RBMhis:RB-Ahya:RBPcyl:RB-Ahya:RBPver:RB-Ahya:RBAmill:RB-Alor:RBAten:RB-Alor:RBMhis:RB-Alor:RBPcyl:RB-Alor:RBPver:RB-Alor:RBAten:RB-Amill:RBMhis:RB-Amill:RBPcyl:RB-Amill:RBPver:RB-Amill:RBMhis:RB-Aten:RBPcyl:RB-Aten:RBPver:RB-Aten:RBPcyl:RB-Mhis:RBPver:RB-Mhis:RBPver:RB-Pcyl:RB |
| % Growth month-1 | SpeciesSiteSpecies x site | 10.650.3329.847 | <0.001NSNS | [A.hya] - [A.ten] - [A.lor]-[P.ver]-[A.hum, A.mil, M.his., P.cyl]NSNS |
| RRE | SpeciesSiteSpecies x site | 30.091.49423.89 | <0.001NS<0.001 | [A.ten, P.ver]-[A.mil, M.his]-[A.hys, A.hum, P.cyl] - [A.lor]NSAlor:BL-Ahum:BLAten:BL-Ahum:BLPver:BL-Ahum:BLAhya:RB-Ahum:BLAlor:RB-Ahum:BLAmill:RB-Ahum:BLMhis:RB-Ahum:BLPver:RB-Ahum:BLAlor:BL-Ahya:BLAten:BL-Ahya:BLPver:BL-Ahya:BL**Ahya:RB-Ahya:BL**Alor:RB-Ahya:BLMhis:RB-Ahya:BLPver:RB-Ahya:BLMhis:BL-Alor:BLPcyl:BL-Alor:BLAhum:RB-Alor:BL**Alor:RB-Alor:BL**Pcyl:RB-Alor:BLAlor:RB-Amill:BLPver:RB-Amill:BLMhis:BL-Aten:BLAlor:RB-Aten:BLPcyl:RB-Aten:BLPver:BL-Mhis:BLAhya:RB-Mhis:BLAmill:RB-Mhis:BL**Mhis:RB-Mhis:BL**Pver:RB-Mhis:BLAlor:RB-Pcyl:BL**Pcyl:RB-Pcyl:BL**Pver:RB-Pcyl:BLAlor:RB-Pver:BLPcyl:RB-Pver:BLAlor:RB-Ahum:RBPver:RB-Ahum:RBAlor:RB-Ahya:RB Pcyl:RB-Ahya:RBAmill:RB-Alor:RB Aten:RB-Alor:RB Mhis:RB-Alor:RBPver:RB-Alor:RBPcyl:RB-Amill:RBPcyl:RB-Mhis:RBPver:RB-Pcyl:RB  |