|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Character** | **Aspect of diet** | **Test of evolutionary association** | **Relationship sign** | **P-value** | **Number of taxa** | **Association first report** |
| Differentiated cnidobands | Hard bodied prey | Pagel’s test | + | 0.017 | 19 | Purcell, 1984 |
| Heteroneme volume | Copepod prey size | pGLS | + | 0.002 | 8 | Purcell, 1984 |
| Terminal filament nematocysts | Crustacean diet | Pagel’s test | Non-Significant | 0.200 | 19 | Purcell & Mills, 1988 |
| Number of nematocyst types | Soft-bodied prey | Phylogenetic logistic regression | - | 0.040 | 22 | Purcell & Mills, 1988 |