**Table S2.** Morphological matrix of continuous characters

|  |  |
| --- | --- |
| #NEXUS  BEGIN DATA;  DIMENSIONS NTAX=22 NCHAR=5;  FORMAT DATATYPE = CONTINUOUS GAP = - MISSING = ?;  MATRIX | |
| *Gomphocythere\_huwi* | 0.57 0.63 0.47 0.55 0.90 |
| *Cytheridella\_*sp. | 0.83 1.02 0.61 0.77 0.23 |
| *Thaicythere\_srisumonae* | 0.40 0.43 0.72 0.79 0.46 |
| *Intrepidocythere\_ibipora* | 0.42 0.45 0.53 0.60 0.85 |
| *Elpidium\_bromeliarum* | 0.90 0.95 0.84 0.88 ? |
| *Elpidium\_maricaoensis* | ? 0.78 ? 0.85 0.57 |
| *Elpidium\_laesslei* | 0.72 0.76 0.77 0.83 0.50 |
| *Elpidium\_inaequivalve* | 0.66 0.72 0.71 0.74 0.47 |
| *Elpidium\_purperae* | 0.68 0.81 0.75 0.84 0.38 |
| *Elpidium\_pintoi* | 0.67 0.75 0.82 0.89 0.41 |
| *Elpidium\_merendonense* | 0.64 0.67 0.70 0.74 0.50 |
| *Elpidium\_martensi* | 0.76 0.81 0.81 0.86 0.60 |
| *Elpidium\_wolfi* | 0.76 0.77 0.75 0.79 0.55 |
| *Elpidium\_littlei* | 0.70 0.76 0.73 0.80 1.20 |
| *Elpidium\_heberti* | 0.86 0.93 0.74 0.77 0.40 |
| *Elpidium*\_*litoreum* sp. nov. | 0.68 0.74 0.72 0.72 0.50 |
| ;  END; | |