Table S2. Range and mean (± SD) values of Ll (live length) and Lp (preserved length), and the change in body length (mm) after being preserved in ethanol preservative (Paired-t Test).

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Species | N | Ll  range(mm) | Lp  range(mm) | Mean  Ll(mm) | Mean  Lp(mm) | Mean  Difference(mm) | Shrinkage  (%) | *P*-value |
| *O. margaretae* | 9 | 35.22-108.83 | 33.24-105.2 | 79.02±27.92 | 76.58±28.39 | 2.44±2.03 | 3.70 ±3.81 | 0.008\*\* |
| *A. loloensis* | 26 | 33.88-76.08 | 32-74.24 | 57.58±12.64 | 55.22±12.46 | 2.36±1.83 | 4.18±2.95 | 0.000\*\*\* |
| *B. gargarizans* | 33 | 44.48-95.39 | 39.16-89.10 | 69.49±11.81 | 65.99±10.97 | 3.50±1.72 | 4.97 ±2.35 | 0.000\*\*\* |
| *M. shapingensis* | 18 | 32.8-81.85 | 30.54-80.04 | 60.90±16.70 | 57.81±15.53 | 3.09±2.21 | 4.90±2.69 | 0.000\*\*\* |
| *P. weiningensis* | 8 | 22.17-33.5 | 21.20-32.20 | 27.16±5.14 | 25.68±5.14 | 1.49±0.84 | 5.58±3.52 | 0.012\* |
| *R. dugritei* | 5 | 39.04-61.76 | 36.88-59.40 | 45.74±9.11 | 43.11±9.24 | 2.63±0.63 | 5.92 ±1.83 | 0.043\* |
| *O. pingii* | 14 | 26.38-45.88 | 25-42.05 | 33.89±6.17 | 31.69±6.06 | 2.20±0.98 | 6.61 ±2.84 | 0.001\*\* |
| *S. glandulatus* | 15 | 51.71-78.30 | 47.32-75.22 | 70.61±8.11 | 65.79±7.69 | 4.82±1.62 | 6.83 ±2.03 | 0.001\*\* |
| *P. nigromaculatus* | 5 | 65.50-83.52 | 60.92-78.94 | 76.99±6.95 | 71.46±6.57 | 5.53±2.32 | 7.16±2.79 | 0.042\* |
| *F. multistriata* | 5 | 37.12-41.31 | 32.56-39.32 | 38.66±1.62 | 35.63±2.42 | 3.03±0.95 | 7.90±2.73 | 0.043\* |
| *S. mammatus* | 28 | 63.49-100 | 58.94-91.22 | 78.02±7.91 | 71.86±7.32 | 6.16±1.97 | 7.87 ±2.39 | 0.000\*\*\* |
| *H. gongshanensis* | 6 | 28.65-45.94 | 25.62-40.86 | 34.24±6.60 | 31.38±5.53 | 2.87±1.27 | 8.15 ±2.42 | 0.028\* |
| *N. pleskei* | 10 | 21.17-37.71 | 16.68-35.00 | 32.06±5.31 | 29.24±5.84 | 2.82±0.95 | 9.37±4.92 | 0.005\*\* |
| *B. pinchonii* | 71 | 61.6-235.00 | 53.12-208.5 | 144.61±26.80 | 130.69±24.66 | 13.92±4.38 | 9.68 ±2.71 | 0.000\*\*\* |

\*\*\* = *P* ＜ 0.001; \*\* = *P* ＜ 0.01; \* = *P* ＜ 0.05.