Table S3. Range and mean (± SD) values of Ml (live mass) and Mp (preserved mass), and the change in mass (g) after being preserved in ethanol preservative (Paired-t Test).

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Species | N | Ml  range(g) | Mp  range(g) | Mean  Ml(g) | Mean  Mp(g) | Mean  difference(g) | Shrinkage  (%) | *P*-value |
| *O. margaretae* | 9 | 3.50-96.00 | 2.70-86.50 | 54.28±40.91 | 47.70±37.16 | 6.58±6.08 | 16.57±9.26 | 0.008\*\* |
| *B. gargarizans* | 33 | 8.00-84.00 | 5.90-61.40 | 33.24±16.97 | 26.68±13.11 | 6.57±4.84 | 19.26±6.92 | 0.000\*\*\* |
| *S. glandulatus* | 15 | 10.00-44.00 | 9.00-36.40 | 31.77±9.91 | 25.43±8.01 | 6.34±2.29 | 19.64±4.03 | 0.001\*\* |
| *A. loloensis* | 26 | 3.50-41.00 | 2.40-35.00 | 20.08±12.02 | 15.88±9.93 | 4.19±2.89 | 21.98±6.61 | 0.000\*\*\* |
| *R. dugritei* | 5 | 6.00-25.00 | 4.90-20.60 | 11.40±7.77 | 8.84±6.60 | 2.56±1.57 | 23.14±10.17 | 0.043\* |
| *S. mammatus* | 28 | 21.00-95.00 | 16.10-75.80 | 43.41±16.15 | 33.58±12.83 | 9.83±4.46 | 22.63±5.30 | 0.000\*\*\* |
| *P. nigromaculatus* | 5 | 24.50-59.00 | 19.00-43.60 | 44.70±13.08 | 34.14±9.92 | 10.56±3.99 | 23.47±4.57 | 0.043\* |
| *M. shapingensis* | 18 | 3.00-52.00 | 1.90-41.50 | 21.83±14.81 | 16.49±11.50 | 5.34±3.56 | 26.28±6.20 | 0.000\*\*\* |
| *P. weiningensis* | 8 | 1.50-4.00 | 1.00-2.90 | 2.31±1.13 | 1.73±0.84 | 0.59±0.31 | 25.34±4.90 | 0.012\* |
| *O. pingii* | 14 | 2.00-7.50 | 1.40-5.70 | 3.71±1.82 | 2.59±1.24 | 1.13±0.72 | 29.11±7.83 | 0.001\*\* |
| *F. multistriata* | 5 | 4.00-6.00 | 2.60-4.10 | 4.90±0.66 | 3.40±0.49 | 1.50±0.23 | 30.71±2.76 | 0.027\* |
| *B. pinchonii* | 71 | 1.00-33.00 | 0.80-23.90 | 12.04±5.36 | 8.25±3.78 | 3.78±1.70 | 31.51±4.12 | 0.000\*\*\* |
| *H. gongshanensis* | 6 | 2.50-9.00 | 1.30-5.20 | 4.33±2.40 | 2.37±1.44 | 1.97±0.97 | 46.24±3.18 | 0.028\* |
| *N. pleskei* | 10 | 1.00-5.00 | 0.50-2.40 | 3.20±1.36 | 1.59±0.60 | 1.61±0.90 | 48.43±9.38 | 0.005\*\* |

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