**Table S8.** Plesiomorphic and apomorphic states of the morphological characters of *Pedetontus* (*Verhoeffilis*), *Platypedetontus*, *Pedetontinus*, and *Silvestrichilis*.

| Character | State | |
|---|---|---|
| | **plesiomorphic** | **apomorphic** |
| *Pedetontus* (*Verhoeffilis*) Paclt, 1972 | 1.1,2.1,3.1,4.1,5.1,6.1,8.1,10.1 | 7.2,9.2 |
| *Pedetontinus* Silvestri, 1943 | 2.1,3.1,4.1,5.1,8.1,10.1 | 1.2,2.2,6.2,7.2,9.2 |
| *Platypedetontus* Yang & Zhang, gen. nov. | 1.1,8.1,10.1 | 2.2,3.2,4.2,5.2,6.2,7.2,9.2 |
| *Silvestrichilis* | 4.1,7.1,9.1 | 1.2,2.2,3.2,5.2,6.2,8.2,10.2 |