**Supplemental Table S2:**

**Temporal boundaries (from Davydov, Korn, & Schmitz, 2012) used for calculations of late Paleozoic cephalopod speciation and extinction rates.**

|  |  |  |
| --- | --- | --- |
| **Geologic Period** | **North American Geologic Stage** | **Upper Boundary (in Millions of Years)** |
| Permian | Leonardian | 270 |
| Wolfcampian | 285 |
| Pennsylvanian | Virgilian | 299 |
| Missourian | 304 |
| Desmoinesian | 307 |
| Atokan | 310 |
| Morrowan | 312 |
| Mississippian | Chesterian | 318 |