Table 2a. Pectoral fin: summary of state changes for gain and loss.

|  |  |  |  |
| --- | --- | --- | --- |
| Change | Minimum Steps | Maximum Steps | Average steps over all MPRs |
| 0 -> 1 (gain) | 3 | 7 | 4.9 |
| 1 -> 0 (loss) | 19 | 23 | 21.5 |

Table 2b. Pelvic fin: summary of state changes for gain and loss.

|  |  |  |  |
| --- | --- | --- | --- |
| Change | Minimum Steps | Maximum Steps | Average steps over all MPRs |
| 0 -> 1 (gain) | 14 | 27 | 19.1 |
| 1 -> 0 (loss) | 48 | 64 | 56.1 |

*Notes:* Summary of state changes over the Teleostei species-level tree for gain and loss of each trait using a Fitch unordered parsimony method with equally weighted transitions. A. Minimum, maximum, and average number of each kind across all mappings and trees for pectoral fin reconstruction requiring 27 steps. B. Minimum, maximum, and average number of each kind across all mappings and trees for pelvic fin reconstruction requiring 80 steps.