|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Individual (Band Number) | Fault Bar | Section 1 | Section 2 | Section 3 | Section 4 | Section 5 | All Sections (mean±s.d.) |
| δ15N  | δ13C | δ15N  | δ13C | δ15N  | δ13C | δ15N  | δ13C | δ15N  | δ13C | δ15N  | δ13C |
| 1831-10723 | No | 9.71 | -15.85 | 12.15 | -15.18 | 12.73 | -14.84 | 13.36 | -15.95 |  |  | 11.98±1.60 | -15.45±0.53 |
| 1831-10725 | No | 9.98 | -15.21 | 10.46 | -14.47 | 10.27 | -13.73 | 10.40 | -13.65 |  |  | 10.28±0.21 | -14.26±0.73 |
| 1831-10736 | No | 9.72 | -15.64 | 10.01 | -15.74 | 10.37 | -15.35 | 9.27 | -15.87 |  |  | 9.84±0.47 | -15.65±0.22 |
| 1831-10742 | No | 7.87 | -15.29 | *Lost* | *Lost* | 9.14 | -12.88 | 8.55 | -14.63 |  |  | 8.52±0.63 | -14.27±1.25 |
| 1831-10743 | No | 6.51 | -12.83 | 7.21 | -12.31 | 7.44 | -10.33 | 7.11 | -12.70 |  |  | 7.07±0.39 | -12.04±1.16 |
| 1831-10745 | No | 6.39 | -17.28 | 6.53 | -15.75 | 6.33 | -12.34 | 6.43 | -15.46 |  |  | 6.42±0.09 | -15.21±2.07 |
| 1831-10747 | No | 8.63 | -13.33 | 9.33 | -12.42 | 9.38 | -12.65 | 9.55 | -12.70 |   |   | 9.22±0.40 | -12.78±0.39 |
| Normal Feather: | Mean | 8.40 | -15.06 | 9.28 | -14.31 | 9.38 | -13.16 | 9.24 | -14.42 |  |  | 9.07±1.94 | -14.24±1.62 |
|   | s.d. | 1.52 | 1.52 | 2.10 | 1.58 | 2.09 | 1.68 | 2.28 | 1.42 |   |   |
| 1831-10714  | Yes | 7.17 | -15.83 | 8.24 | -17.62 | 8.52 | -18.13 | 8.78 | -17.19 |  |  | 8.18±0.71 | -17.19±0.99 |
| 1831-10718  | Yes | 7.26 | -20.25 | 6.81 | -19.17 | 7.95 | -15.82 | 7.51 | -14.69 | 6.90 | -16.17 | 7.29±0.47 | -17.22±2.37 |
| 1831-10722  | Yes | 7.97 | -13.99 | 8.01 | -13.23 | 7.85 | -13.16 | 7.17 | -12.26 |  |  | 7.75±0.39 | -13.16±0.71 |
| 1831-10724  | Yes | 8.61 | -18.58 | 8.05 | -14.60 | 8.50 | -14.09 | 7.38 | -14.00 |  |  | 8.13±0.56 | -15.32±2.19 |
| 1831-10726  | Yes | 5.65 | -15.11 | 5.03 | -16.16 | 5.43 | -16.65 | 5.66 | -18.05 |  |  | 5.44±0.30 | -16.49±1.22 |
| 1831-10734  | Yes | 6.96 | -17.70 | 7.37 | -16.05 | 8.42 | -14.87 | *Lost* | *Lost* |  |  | 7.58±0.75 | -16.21±1.42 |
| 1831-10735  | Yes | 6.48 | -21.44 | 7.80 | -21.20 | 7.22 | -21.79 | 7.46 | -21.12 |  |  | 7.24±0.56 | -21.39±0.30 |
| 1831-10737  | Yes | 9.09 | -14.22 | 10.19 | -12.22 | 9.98 | -12.37 | 9.81 | -13.00 |  |  | 9.77±0.48 | -12.95±0.91 |
| 1831-10738  | Yes | 4.92 | -16.17 | *Lost* | *Lost* | 6.57 | -13.57 | 4.71 | -13.58 | 4.64 | -12.68 | 5.21±0.91 | -14.00±1.50 |
| 1831-10748  | Yes | 5.34 | -14.72 | 5.67 | -15.29 | 5.24 | -14.36 | 5.76 | -14.27 |  |  | 5.50±0.25 | -14.66±0.46 |
| 1831-10749  | Yes | 3.92 | -13.03 | 4.09 | -13.02 | 5.14 | -10.54 | 4.88 | -11.19 | 4.66 | -13.58 | 4.54±0.52 | -12.27±1.32 |
| Fault bar feather: | Mean | 6.67 | -16.46 | 7.13 | -15.85 | 7.35 | -15.03 | 6.91 | -14.94 | 5.40 | -14.14 | 6.91±1.63 | -15.48±2.82 |
| s.d. | 1.60 | 2.71 | 1.78 | 2.84 | 1.58 | 3.05 | 1.66 | 3.01 | 1.30 | 1.81 |
| All Individuals: | Mean | 7.34 | -15.91 | 7.93 | -15.27 | 8.14 | -14.30 | 7.87 | -14.72 | 5.40 | -14.14 | 7.72±2.03 | -15.01±2.50 |
|  | s.d. | 1.75 | 2.37 | 2.13 | 2.51 | 2.01 | 2.71 | 2.21 | 2.43 | 1.30 | 1.81 |