Supplementary Table 2: Bone collagen data from archaeological contexts of the Aleutian Islands and the Alaska Peninsula. Species were identified by ZooMS at the University of York for the following samples: 201, 204-5, 209-10, 310-12, 316, and 319.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sample ID** | **Region** | **Site** | **Taxon** | **Common name** | **δ13C (‰)** | **St dev** | **δ15N (‰)** | **St dev** | **%C** | **%N** | **Atomic C:N** |
| 100R | Alaska Peninsula | XMK-30 | *Phocidae* | Seal | -13.18 | 0.06 | 17.51 | 0.01 | 43.26 | 15.63 | 3.21 |
| 101R | Alaska Peninsula | XMK-30 | *Rangifer tarandus* | Caribou | -17.92 | 0.04 | 1.35 | 0.01 | 43.23 | 15.55 | 3.27 |
| 102R | Alaska Peninsula | XMK-30 | *Enhydra lutris* | Sea otter | -11.17 | 0.09 | 15.23 | 0.01 | 42.59 | 15.86 | 3.12 |
| 103R | Alaska Peninsula | XMK-30 | *Otariidae* | Seal | -13.18 | 0.04 | 19.75 | 0.07 | 42.36 | 15.70 | 3.16 |
| 104R | Alaska Peninsula | XMK-30 | *Eumetopias jubatus* | Sea Lion | -13.32 | 0.02 | 20.13 | 0.00 | 43.15 | 15.96 | 3.15 |
| 105R | Alaska Peninsula | XMK-30 | *Gadus macrocephalus* | Pacific cod | -12.06 | 0.05 | 18.21 | 0.11 | 43.38 | 15.66 | 3.24 |
| 106R | Alaska Peninsula | XMK-30 | *Ursus arctos* | Brown bear | -16.40 | 0.00 | 12.43 | 0.07 | 41.92 | 15.35 | 3.18 |
| 107R | Alaska Peninsula | XMK-30 | *Hippoglossus stenolepis* | Halibut | -11.83 | 0.01 | 16.30 | 0.06 | 43.08 | 15.78 | 3.17 |
| 201R | Aleutian Islands | UNL-48 | *Balaenoptera physalus* | Fin Whale | -13.86 | 0.01 | 13.36 | 0.02 | 41.67 | 15.27 | 3.18 |
| 202R | Aleutian Islands | UNL-92 | *Haliaeetus leucocephalus* | Eagle | -13.62 | 0.05 | 13.99 | 0.18 | 42.34 | 15.39 | 3.22 |
| 204R | Aleutian Islands | UNL-55 | *Phocoenidae* | Porpoise | -13.19 | 0.01 | 15.79 | 0.05 | 40.32 | 14.78 | 3.18 |
| 205R | Aleutian Islands | UNL-55 | *Phocoenidae* | Porpoise | -14.31 | 0.02 | 17.22 | 0.05 | 40.93 | 14.28 | 3.34 |
| 206R | Aleutian Islands | UNL-55 | *Eumetopias jubatus* | Sea Lion | -13.03 | 0.02 | 19.70 | 0.03 | 42.44 | 15.76 | 3.14 |
| 208R | Aleutian Islands | UNL-55 | *Phoca vitulina* | Harbor Seal | -12.98 | 0.09 | 19.63 | 0.04 | 41.46 | 20.43 | 2.44 |
| 209R | Aleutian Islands | UNL-55 | *Balaenoptera physalus* | Fin whale | -15.95 | 0.04 | 11.58 | 0.04 | 43.25 | 17.95 | 2.92 |
| 210R | Aleutian Islands | UNL-55 | *Eubalaena sp.*  | Right Whale | -16.46 | 0.08 | 12.62 | 0.17 | 41.87 | 15.17 | 3.21 |
| 301R | Alaska Peninsula | NAK-8 | *Salmonidae* | Salmonid | -16.27 | 0.02 | 10.89 | 0.03 | 43.08 | 15.84 | 3.17 |
| 303R | Alaska Peninsula | UGA-2 | *Rangifer tarandus* | Caribou | -17.93 | 0.03 | 1.06 | 0.17 | 42.73 | 15.88 | 3.12 |
| 304R | Alaska Peninsula | UGA-2 | *Rangifer tarandus* | Caribou | -18.95 | 0.08 | 0.76 | 0.04 | 41.80 | 18.23 | 2.61 |
| 305R | Alaska Peninsula | NAK-3 | *Rangifer tarandus* | Caribou | -18.02 | 0.07 | 1.55 | 0.17 | 42.09 | 16.59 | 2.9 |
| 307R | Alaska Peninsula | BR-20 | *Ursus arctos* | Brown bear | -16.03 | 0.08 | 12.99 | 0.11 | 43.12 | 15.25 | 3.31 |
| 308R | Alaska Peninsula | BR-20(2) | *Phocidae* | Seal | -11.96 | 0.06 | 17.50 | 0.11 | 44.20 | 15.53 | 3.32 |
| 309R | Alaska Peninsula | BR-20(1) | *Rangifer tarandus* | Caribou | -19.70 | 0.09 | 2.69 | 0.02 | 43.11 | 21.07 | 2.31 |
| 310R | Alaska Peninsula | KK-1 | *Eubalaena sp.* | Right whale | -17.18 | 0.02 | 9.82 | 0.00 | 44.18 | 15.78 | 3.27 |
| 311R | Alaska Peninsula | NAK-8 | *Monodontidae* | Narwhal/Beluga whale | -12.90 | 0.06 | 19.46 | 0.09 | 35.19 | 12.58 | 3.25 |
| 312R | Alaska Peninsula | KK-1 | *Enhydra lutris* | Sea otter | -12.58 | 0.00 | 13.07 | 0.03 | 42.21 | 14.49 | 3.4 |
| 315R | Alaska Peninsula | AK-3 | *Salmonidae* | Salmonid | -11.97 | 0.06 | 15.35 | 0.05 | 42.24 | 15.49 | 3.17 |
| 316R | Alaska Peninsula | NAK-8 | *Monodontidae* | Narwhal/Beluga whale | -13.14 | 0.02 | 19.61 | 0.05 | 43.37 | 15.48 | 3.27 |
| 317R | Alaska Peninsula | BR-20(1) | *Salmonidae* | Salmonid | -17.11 | 0.08 | 10.35 | 0.14 | 42.03 | 14.60 | 3.35 |
| 319R | Alaska Peninsula | NAK-8 | *Monodontidae* | Narwhal/Beluga whale | -12.81 | 0.00 | 19.74 | 0.06 | 40.93 | 13.47 | 3.55 |