Supplementary Table 1) Information for historic (AD 1880 – 2007) and modern (AD 2012 – 2016) walrus samples, including project ID, University of Alaska Museum (UAM) ID (United States National Museum specimen IDs denoted by USNM prefix), collection year (AD), period, location, region, sex, tooth age, age class, δ15N (‰), and δ13C (‰).

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Project ID (WAL-)** | **UAM ID** | **Year (AD)** | **Element** | **Period** | **Location** | **Region** | **Sex** | **Tooth Age** | **Age Class** | **δ15N (‰)** | **δ13C (‰)** |
| 229.2 | USNM  16437 | 1880 | Cranium | Historic | Plover Bay | Bering Sea | M | - | Adult | 18.9 | -12.4 |
| 228.2 | USNM  16447 | 1880 | Cranium | Historic | Big Diomede Island | Bering Sea | - | - | Adult | 11.6 | -12.8 |
| 231.2 | USNM  16448 | 1880 | Cranium | Historic | Big Diomede Island | Bering Sea | - | - | Adult | 11.1 | -12.0 |
| 217.2 | USNM  16756 | 1883 | Cranium | Historic | Utqiagvik | Chukchi Sea | - | - | Adult | 13.2 | -12.8 |
| 218.2 | USNM  16757 | 1883 | Cranium | Historic | Utqiagvik | Chukchi Sea | - | - | Adult | 14.4 | -13.0 |
| 215.2 | USNM  38981 | 1890 | Mandible | Historic | St. Paul Island | Bering Sea | M | - | Adult | 12.2 | -12.8 |
| 216 | USNM  63302 | 1895 | Cranium | Historic | St. Paul Island | Bering Sea | M | - | Adult | 12.5 | -12.1 |
| 232.2 | USNM  108344 | 1900 | Cranium | Historic | Cape Dezhnev | Chukchi Sea | - | - | Adult | 12.2 | -12.7 |
| 219.2 | USNM  220151 | 1917 | Cranium | Historic | Round Island | Bristol Bay | M | - | Adult | 12.7 | -12.7 |
| 222.2 | USNM  248161 | 1927 | Cranium | Historic | St. Paul Island | Bering Sea | M | - | Adult | 12.6 | -12.5 |
| 113 | 5010 | 1928 | Scapula | Historic | St. Lawrence Island | Bering Sea | - | - | Adult | 12.1 | -12.7 |
| 223 | USNM  256001 | 1930 | Cranium | Historic | St. Lawrence Island | Bering Sea | - | - | Adult | 10.5 | -12.6 |
| 224.2 | USNM  256002 | 1930 | Cranium | Historic | St. Lawrence Island | Bering Sea | - | - | Juvenile | 12.9 | -13.3 |
| 050.2 | 3382 | 1931 | Mandible | Historic | St. Lawrence Island | Bering Sea | M | - | Juvenile | 11.4 | -12.5 |
| 064.1 | 16591 | 1932 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 13.3 | -12.8 |
| 042.2 | 16592 | 1932 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 12.7 | -12.9 |
| 045.2 | 16593 | 1932 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 13.3 | -13.5 |
| 069.1 | 16586 | 1933 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 12.4 | -12.8 |
| 123.2 | 16587 | 1933 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 12.6 | -13.0 |
| 023.2 | 16588 | 1933 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 11.7 | -13.8 |
| 122.2 | 16589 | 1933 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 13.3 | -13.2 |
| 121.1 | 16590 | 1933 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 12.7 | -13.3 |
| 061 | 2085 | 1934 | Cranium | Historic | St. Lawrence Island | Bering Sea | M | - | Adult | 11.2 | -12.4 |
| 118 | 5220 | 1934 | Mandible | Historic | St. Lawrence Island | Bering Sea | M | - | Adult | 11.6 | -12.8 |
| 817 | 130627 | 1952 | Baculum | Historic | St. Lawrence Island | Bering Sea | M | - | Adult | 12.4 | -13.2 |
| 818 | 130628 | 1952 | Baculum | Historic | St. Lawrence Island | Bering Sea | M | - | Adult | 12.4 | -12.3 |
| 819 | 130629 | 1953 | Baculum | Historic | St. Lawrence Island | Bering Sea | M | - | Adult | 11.7 | -12.6 |
| 036.1 | 5012 | 1954 | Cranium | Historic | Kotzebue | Chukchi Sea | F | - | Adult | 11.9 | -12.7 |
| 027 | 11690 | 1956 | Mandible | Historic | St. Lawrence Island | Bering Sea | M | - | Juvenile | 13.0 | -13.2 |
| 085.2 | 11694 | 1956 | Mandible | Historic | St. Lawrence Island | Bering Sea | M | - | Adult | 12.1 | -13.4 |
| 057.2 | 11696 | 1956 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 12.1 | -12.3 |
| 031.2 | 11700 | 1956 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 12.4 | -12.8 |
| 048.1 | 11702 | 1956 | Cranium | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 13.0 | -12.4 |
| 060.1 | 11703 | 1956 | Cranium | Historic | St. Lawrence Island | Bering Sea | M | - | Adult | 12.5 | -12.5 |
| 068.1 | 11688 | 1957 | Mandible | Historic | St. Lawrence Island | Bering Sea | M | - | Juvenile | 12.9 | -13.2 |
| 065.1 | 11691 | 1957 | Cranium | Historic | St. Lawrence Island | Bering Sea | F | - | Juvenile | 13.9 | -12.9 |
| 094 | 11695 | 1957 | Mandible | Historic | St. Lawrence Island | Bering Sea | M | - | Juvenile | 13.8 | -13.4 |
| 041 | 3377 | 1957 | Cranium | Historic | St. Lawrence Island | Bering Sea | M | - | Adult | 12.9 | -11.9 |
| 081.2 | 11689 | 1958 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | - | Juvenile | 12.8 | -13.7 |
| 062.1 | 11704 | 1958 | Cranium | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 13.8 | -12.9 |
| 091 | 11705 | 1958 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 13.4 | -12.7 |
| 096 | 11706 | 1958 | Mandible | Historic | St. Lawrence Island | Bering Sea | M | - | Juvenile | 13.8 | -13.0 |
| 119 | 11707 | 1958 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 12.6 | -12.8 |
| 086 | 11710 | 1958 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 13.1 | -13.6 |
| 220.2 | USNM  287992 | 1958 | Cranium | Historic | - | Bristol Bay | M | - | Adult | 13.6 | -12.0 |
| 221.2 | USNM  287993 | 1958 | Cranium | Historic | - | Bristol Bay | M | - | Adult | 13.2 | -11.8 |
| 225.2 | USNM  287994 | 1958 | Cranium | Historic | - | Bristol Bay | M | - | Adult | 12.8 | -12.5 |
| 056.1 | 11698 | 1959 | Cranium | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 12.8 | -12.7 |
| 117 | 5218 | 1960 | Mandible | Historic | Chariot | Chukchi Sea | - | - | Adult | 13.2 | -12.8 |
| 022.1 | 11701 | 1961 | Cranium | Historic | St. Lawrence Island | Bering Sea | M | - | Adult | 12.7 | -12.9 |
| 051.1 | 4861 | 1961 | Cranium | Historic | Utqiagvik | Chukchi Sea | M | - | Adult | 13.1 | -12.9 |
| 097 | 5042 | 1961 | Humerus | Historic | Point Hope | Chukchi Sea | F | - | Adult | 13.3 | -12.8 |
| 108 | 5047 | 1961 | Humerus | Historic | Point Hope | Chukchi Sea | M | - | Adult | 19.1 | -12.2 |
| 109 | 5049 | 1961 | Humerus | Historic | Point Hope | Chukchi Sea | F | - | Adult | 12.4 | -12.8 |
| 106 | 5052 | 1961 | Radius | Historic | Point Hope | Chukchi Sea | M | - | Adult | 11.6 | -11.7 |
| 032.3 | 11517 | 1962 | Mandible | Historic | St. Lawrence Island | Bering Sea | M | - | Juvenile | 13.6 | -13.8 |
| 075.1 | 11686 | 1962 | Cranium | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 12.9 | -13.2 |
| 226.2 | USNM  324983 | 1962 | Cranium | Historic | St. Lawrence Island | Bering Sea | M | - | Adult | 11.9 | -13.0 |
| 021.1 | 11711 | 1963 | Mandible | Historic | St. Matthew Island | Bering Sea | M | - | Adult | 13.4 | -13.0 |
| 039.2 | 7277 | 1964 | Mandible | Historic | St. Lawrence Island | Bering Sea | M | - | Adult | 13.2 | -12.6 |
| 642 | - | 1965 | Cranium | Historic | Wainwright | Chukchi Sea | - | - | - | 12.5 | -12.5 |
| 047.2 | 11512 | 1965 | Mandible | Historic | St. Lawrence Island | Bering Sea | M | - | Juvenile | 14.3 | -12.2 |
| 077.2 | 11683 | 1965 | Mandible | Historic | St. Lawrence Island | Bering Sea | M | - | Adult | 12.7 | -12.4 |
| 816.1 | 130626 | 1965 | Cranium | Historic | St. Lawrence Island | Bering Sea | M | 3 | Juvenile | 13.0 | -12.5 |
| 063.1 | 11693 | 1966 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | - | Juvenile | 12.4 | -12.5 |
| 815 | 130625 | 1966 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | 11 | Adult | 12.5 | -13.1 |
| 072.2 | 11699 | 1969 | Mandible | Historic | St. Lawrence Island | Bering Sea | M | - | Adult | 13.0 | -12.9 |
| 120.1 | 11708 | 1970 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 13.1 | -13.0 |
| 025.1 | 11709 | 1970 | Cranium | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 15.0 | -14.1 |
| 055.2 | 11684 | 1972 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 12.7 | -12.5 |
| 033.1 | 10538 | 1973 | Mandible | Historic | Kotzebue | Chukchi Sea | F | - | Adult | 13.7 | -12.3 |
| 230.2 | USNM  500253 | 1973 | Cranium | Historic | - | Bering Sea | M | - | Adult | 12.5 | -12.8 |
| 227.2 | USNM  500254 | 1973 | Cranium | Historic | St. Lawrence Island | Bering Sea | M | - | Adult | 13.1 | -15.0 |
| 089 | 12069 | 1977 | Cranium | Historic | Round Island | Bristol Bay | M | - | Adult | 13.9 | -14.0 |
| 093 | 12070 | 1977 | Cranium | Historic | Round Island | Bristol Bay | M | - | Adult | 13.7 | -12.7 |
| 078.1 | 12071 | 1977 | Mandible | Historic | Round Island | Bristol Bay | M | - | Adult | 13.4 | -12.5 |
| 070.1 | 12072 | 1978 | Cranium | Historic | Round Island | Bristol Bay | M | - | Adult | 12.6 | -13.2 |
| 074.1 | 12073 | 1978 | Mandible | Historic | Round Island | Bristol Bay | M | - | Adult | 12.6 | -12.4 |
| 037.1 | 12074 | 1978 | Mandible | Historic | Round Island | Bering Sea | M | - | Adult | 13.4 | -11.8 |
| 076.1 | 12075 | 1978 | Mandible | Historic | Round Island | Bristol Bay | M | - | Adult | 12.7 | -12.7 |
| 058.1 | 12076 | 1978 | Cranium | Historic | Round Island | Bristol Bay | M | - | Adult | 12.8 | -12.0 |
| 080 | 12077 | 1978 | Mandible | Historic | Round Island | Bristol Bay | M | - | Adult | 12.3 | -13.4 |
| 071.2 | 12078 | 1978 | Mandible | Historic | Nushagak Bay | Bristol Bay | M | - | Adult | 12.4 | -12.9 |
| 079.2 | 12079 | 1978 | Mandible | Historic | Round Island | Bristol Bay | M | - | Adult | 12.5 | -12.8 |
| 084.2 | 12080 | 1978 | Mandible | Historic | Nushagak Bay | Bristol Bay | M | 30 | Adult | 13.4 | -13.7 |
| 082.2 | 12081 | 1978 | Mandible | Historic | Nushagak Bay | Bristol Bay | M | - | Adult | 12.3 | -12.7 |
| 049.2 | 12082 | 1978 | Mandible | Historic | Nushagak Bay | Bristol Bay | M | 30 | Adult | 13.5 | -12.0 |
| 073.1 | 12083 | 1978 | Mandible | Historic | Round Island | Bristol Bay | M | - | Adult | 13.1 | -13.4 |
| 020.2 | 12084 | 1978 | Mandible | Historic | Round Island | Bristol Bay | M | - | Adult | 13.5 | -12.2 |
| 087.2 | 12085 | 1978 | Mandible | Historic | Nushagak Bay | Bristol Bay | M | - | Adult | 12.7 | -12.8 |
| 038.2 | 12086 | 1979 | Mandible | Historic | Round Island | Bering Sea | M | - | Adult | 13.2 | -12.6 |
| 643 | - | 1981 | Humerus | Historic | Cape Pierce | Bristol Bay | - | - | - | 13.5 | -12.0 |
| 645 | - | 1981 | Baculum | Historic | Cape Pierce | Bristol Bay | M | - | - | 13.7 | -12.6 |
| 644 | - | 1981 | Scapula | Historic | Cape Pierce | Bristol Bay | - | - | - | 14.0 | -11.6 |
| 046.1 | 14793 | 1981 | Mandible | Historic | Port Moller | Bering Sea | M | 28 | Adult | 12.4 | -12.4 |
| 083.2 | 24069 | 1981 | Mandible | Historic | - | Bristol Bay | M | 20 | Adult | 12.2 | -13.1 |
| 751 | 129342 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 12 | Adult | 13.0 | -13.0 |
| 752 | 129343 | 1983 | Mandible | Historic | - | Chukchi Sea | M | 7 | Adult | 12.9 | -13.4 |
| 753 | 129344 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 13 | Adult | 13.0 | -13.3 |
| 754 | 129345 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 23 | Adult | 12.9 | -12.8 |
| 755 | 129346 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 26 | Adult | 12.2 | -12.7 |
| 756 | 129347 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 16 | Adult | 12.7 | -13.0 |
| 757 | 129348 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 15 | Adult | 12.6 | -13.1 |
| 758 | 129349 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 19 | Adult | 12.9 | -12.6 |
| 759 | 129350 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 10 | Adult | 12.7 | -12.9 |
| 760 | 129351 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 24 | Adult | 13.0 | -13.3 |
| 761 | 129353 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 22 | Adult | 12.7 | -13.4 |
| 762 | 129354 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 28 | Adult | 12.5 | -13.1 |
| 763 | 129355 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 30 | Adult | 13.4 | -13.0 |
| 764 | 129356 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 14 | Adult | 13.1 | -12.9 |
| 765 | 129357 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 16 | Adult | 13.3 | -12.9 |
| 766 | 129358 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 14 | Adult | 13.1 | -12.5 |
| 767 | 129359 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 21 | Adult | 13.3 | -13.1 |
| 768 | 129360 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 19 | Adult | 12.7 | -12.4 |
| 769 | 129361 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 26 | Adult | 13.8 | -13.4 |
| 770 | 129362 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 8 | Adult | 12.2 | -12.8 |
| 771 | 129363 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 24 | Adult | 12.2 | -12.7 |
| 772 | 129364 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 15 | Adult | 13.0 | -12.6 |
| 773 | 129365 | 1983 | Mandible | Historic | - | Chukchi Sea | M | 6 | Adult | 14.0 | -14.2 |
| 774 | 129366 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 16 | Adult | 12.5 | -12.9 |
| 776 | 129368 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 15 | Adult | 12.9 | -13.1 |
| 777 | 129369 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 20 | Adult | 12.6 | -12.4 |
| 778 | 129370 | 1983 | Mandible | Historic | - | Chukchi Sea | F | 29 | Adult | 13.6 | -13.2 |
| 809.1 | 130619 | 1987 | Mandible | Historic | - | Chukchi Sea | F | 24 | Adult | 13.0 | -13.4 |
| 810.1 | 130620 | 1987 | Mandible | Historic | - | Chukchi Sea | F | 33 | Adult | 12.5 | -12.7 |
| 811.1 | 130621 | 1987 | Mandible | Historic | - | Chukchi Sea | F | 19 | Adult | 14.2 | -13.3 |
| 812.1 | 130622 | 1987 | Mandible | Historic | - | Chukchi Sea | F | 21 | Adult | 13.0 | -13.0 |
| 813.1 | 130623 | 1987 | Mandible | Historic | - | Chukchi Sea | F | 26 | Adult | 13.9 | -12.4 |
| 814.1 | 130624 | 1987 | Mandible | Historic | - | Chukchi Sea | F | 21 | Adult | 13.2 | -13.4 |
| 834.1 | 108247 | 1994 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | 15 | Adult | 13.4 | -13.7 |
| 835.1 | 108270 | 1994 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | 15 | Adult | 12.7 | -13.5 |
| 841.1 | 108297 | 1994 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | 14 | Adult | 13.9 | -13.9 |
| 413 | - | 1995 | Vertebra | Historic | Pt. Franklin | Chukchi Sea | - | - | - | 15.5 | -14.5 |
| 831.1 | 108227 | 1995 | Mandible | Historic | St. Lawrence Island | Bering Sea | M | 17 | Adult | 14.7 | -13.2 |
| 832.1 | 108228 | 1995 | Mandible | Historic | St. Lawrence Island | Bering Sea | M | 19 | Adult | 11.4 | -13.4 |
| 833.1 | 108242 | 1995 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | 8 | Adult | 12.7 | -14.0 |
| 836.1 | 108279 | 1995 | Mandible | Historic | St. Lawrence Island | Bering Sea | M | 19 | Adult | 13.0 | -13.6 |
| 837.1 | 108281 | 1995 | Mandible | Historic | St. Lawrence Island | Bering Sea | M | 10 | Adult | 14.1 | -13.3 |
| 839.1 | 108290 | 1995 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | 8 | Adult | 12.9 | -14.5 |
| 840.1 | 108291 | 1995 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | 16 | Adult | 12.5 | -13.0 |
| 838.1 | 108289 | 1996 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | 19 | Adult | 13.0 | -13.0 |
| 842.1 | 108302 | 1996 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | 13 | Adult | 13.1 | -13.1 |
| 827.1 | 107077 | 1999 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | 11 | Adult | 13.4 | -13.4 |
| 825.1 | 106724 | 2000 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 13.8 | -13.4 |
| 826.1 | 106810 | 2000 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | - | Adult | 12.5 | -12.9 |
| 629.1 | 99596 | 2004 | Mandible | Historic | Slug Mountain | Bristol Bay | M | - | Adult | 13.5 | -12.3 |
| 627 | 99578 | 2005 | Mandible | Historic | Togiak | Bristol Bay | M | - | Adult | 13.3 | -12.2 |
| 628 | 99584 | 2005 | Mandible | Historic | Hook Lagoon | Bristol Bay | M | - | Adult | 13.7 | -12.4 |
| 630.1 | 99597 | 2005 | Mandible | Historic | Slug Mountain | Bristol Bay | F | - | Adult | 13.5 | -13.0 |
| 828.1 | 108058 | 2006 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | 15 | Adult | 14.0 | -13.2 |
| 829.1 | 108108 | 2006 | Mandible | Historic | St. Lawrence Island | Bering Sea | F | 19 | Adult | 12.5 | -11.8 |
| 830.1 | 108120 | 2006 | Mandible | Historic | St. Lawrence Island | Bering Sea | M | 12 | Adult | 13.4 | -13.7 |
| 632.1 | 125514 | 2006 | Mandible | Historic | Nushagak Bay | Bristol Bay | - | - | Adult | 13.5 | -12.9 |
| 631 | 15513 | 2006 | Mandible | Historic | Hagemeister Island | Bristol Bay | M | - | Adult | 12.2 | -12.3 |
| 624.1 | 87001 | 2006 | Mandible | Historic | High Island | Bristol Bay | M | - | Adult | 13.4 | -12.0 |
| 452.2 | 87003 | 2006 | Mandible | Historic | Hagemeister Island | Bristol Bay | M | - | Adult | 13.3 | -12.2 |
| 451.2 | 87004 | 2006 | Mandible | Historic | Hagemeister Island | Bristol Bay | M | - | Adult | 13.5 | -12.1 |
| 625.1 | 87006 | 2006 | Mandible | Historic | Nushagak Bay | Bristol Bay | M | - | Adult | 13.1 | -12.4 |
| 453.2 | 87009 | 2006 | Mandible | Historic | Nushagak Bay | Bristol Bay | M | - | Adult | 13.1 | -12.2 |
| 626.1 | 87329 | 2006 | Mandible | Historic | Nushagak Bay | Bristol Bay | M | - | Adult | 12.8 | -12.3 |
| 633.1 | 125515 | 2007 | Mandible | Historic | Nushagak Bay | Bristol Bay | - | - | Adult | 12.5 | -12.4 |
| 635 | - | 2012 | Radius | Modern | Utqiagvik | Chukchi Sea | - | - | Juvenile | 13.4 | -14.7 |
| 634 | - | 2012 | Femur | Modern | Utqiagvik | Chukchi Sea | - | - | Adult | 12.7 | -13.3 |
| 843.1 | 128075 | 2012 | Mandible | Modern | St. Lawrence Island | Bering Sea | F | 9 | Adult | 13.2 | -13.5 |
| 844.1 | 128078 | 2012 | Mandible | Modern | St. Lawrence Island | Bering Sea | F | 13 | Adult | 13.1 | -13.6 |
| 845.1 | 128086 | 2012 | Mandible | Modern | St. Lawrence Island | Bering Sea | F | 12 | Adult | 13.5 | -13.2 |
| 820.1 | - | 2014 | Unknown | Historic | St. Lawrence Island | Bering Sea | M | 16 | Adult | 12.5 | -13.5 |
| 636 | - | 2014 | Femur | Modern | Utqiagvik | Chukchi Sea | - | - | Juvenile | 13.7 | -12.9 |
| 637 | - | 2014 | Sternebra | Modern | Utqiagvik | Chukchi Sea | - | - | Juvenile | 14.4 | -12.7 |
| 621 | - | 2014 | Mandible | Modern | Utqiagvik | Chukchi Sea | M | - | Adult | 12.8 | -13.7 |
| 622 | - | 2014 | Mandible | Modern | Utqiagvik | Chukchi Sea | F | - | Adult | 13.4 | -13.1 |
| 623 | - | 2014 | Mandible | Modern | Utqiagvik | Chukchi Sea | F | - | Adult | 12.6 | -13.5 |
| 151.1 | 125287 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | F | 14 | Adult | 11.9 | -12.7 |
| 152.1 | 125288 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | - | Adult | 12.8 | -13.3 |
| 153.1 | 125289 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | F | 15 | Adult | 12.2 | -13.8 |
| 154.1 | 125290 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 14 | Adult | 12.5 | -13.5 |
| 155.1 | 125291 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | F | 9 | Adult | 12.4 | -13.7 |
| 156.1 | 125292 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | F | - | Adult | 13.1 | -14.1 |
| 157.1 | 125293 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | F | 16 | Adult | 12.5 | -14.0 |
| 125.1 | 125300 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 16 | Adult | 12.5 | -13.2 |
| 126 | - | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | - | Adult | 11.7 | -13.0 |
| 189 | - | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | - | Adult | 11.5 | -13.5 |
| 128.1 | 125302 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 24 | Adult | 13.7 | -14.0 |
| 129.1 | 125303 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 18 | Adult | 13.1 | -13.5 |
| 130.1 | 125304 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 15 | Adult | 11.6 | -13.1 |
| 131.1 | 125305 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | - | Adult | 11.2 | -14.2 |
| 132.1 | 125306 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | F | - | - | 12.5 | -12.8 |
| 133.1 | 125307 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | - | - | 11.0 | -13.6 |
| 134.1 | 125309 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 10 | Adult | 12.3 | -13.4 |
| 135.1 | 125310 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 9 | Adult | 11.9 | -13.1 |
| 136.1 | 129129 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 10 | Adult | 12.3 | -13.4 |
| 137.1 | 129130 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 26 | Adult | 11.9 | -13.4 |
| 138.1 | 125313 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 15 | Adult | 11.3 | -13.4 |
| 139.1 | 129146 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 28 | Adult | 11.7 | -13.9 |
| 140.1 | 125315 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | F | 18 | Adult | 12.4 | -13.8 |
| 141.1 | 125316 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 19 | Adult | 12.6 | -13.4 |
| 142.1 | 125317 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 15 | Adult | 11.8 | -13.3 |
| 143.1 | 125318 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 14 | Adult | 12.5 | -13.8 |
| 144.1 | 125319 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 12 | Adult | 11.7 | -13.4 |
| 145.1 | 129167 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 18 | Adult | 12.0 | -13.3 |
| 146.1 | 129168 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 17 | Adult | 10.8 | -13.3 |
| 147.1 | 129169 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 20 | Adult | 11.7 | -13.8 |
| 148.1 | 129186 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 23 | Adult | 11.9 | -13.1 |
| 149.1 | 125328 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | F | 16 | Adult | 12.9 | -13.3 |
| 150.1 | 129188 | 2014 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 22 | Adult | 12.7 | -13.2 |
| 640.1 | - | 2015 | Mandible | Modern | Cape Lisburne | Chukchi Sea | - | - | - | 15.6 | -13.8 |
| 641.1 | - | 2015 | Mandible | Modern | Cape Lisburne | Chukchi Sea | - | - | - | 13.5 | -15.0 |
| 638.1 | - | 2015 | Unknown | Modern | Cape Lisburne | Chukchi Sea | - | - | - | 13.1 | -13.2 |
| 639.1 | - | 2015 | Unknown | Modern | Cape Lisburne | Chukchi Sea | - | - | - | 14.2 | -12.3 |
| 282.1 | 129414 | 2015 | Unknown | Modern | St. Lawrence Island | Bering Sea | F | 15 | Adult | 12.5 | -13.3 |
| 284.1 | 129416 | 2015 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 28 | Adult | 13.1 | -13 |
| 283.1 | 129418 | 2015 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 20 | Adult | 12.5 | -12.5 |
| 239.1 | 129421 | 2015 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 20 | Adult | 11.6 | -13.2 |
| 235.1 | 129422 | 2015 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 15 | Adult | 12.1 | -13.0 |
| 240 | 129424 | 2015 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 19 | Adult | 12.6 | -13.9 |
| 233 | - | 2015 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | - | - | 11.4 | -13.1 |
| 238.1 | - | 2015 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 15 | Adult | 11.4 | -13.3 |
| 237 | 129429 | 2015 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 23 | Adult | 12.2 | -12.5 |
| 241.1 | 129430 | 2015 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 16 | Adult | 12.9 | -13.3 |
| 234.1 | 129431 | 2015 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 12 | Adult | 11.6 | -13.4 |
| 779 | - | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | F | 11 | Adult | 13.5 | -14.2 |
| 780.1 | 131823 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | F | 17 | Adult | 12.9 | -13.6 |
| 781.1 | 131819 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | F | 18 | Adult | 13.3 | -13.4 |
| 782 | 131814 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | F | 18 | Adult | 12.9 | -13.5 |
| 783.1 | 131817 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | F | 13 | Adult | 12.9 | -14.0 |
| 785 | 131829 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | F | - | Adult | 12.7 | -13.3 |
| 786.1 | 131816 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | F | 12 | Adult | 13.1 | -13.4 |
| 788.1 | 131818 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | F | 14 | Adult | 11.5 | -12.8 |
| 789.1 | 131822 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | F | 8 | Adult | 13.1 | -14.6 |
| 790.1 | 131815 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | F | - | Adult | 12.3 | -13.1 |
| 791.1 | 131799 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 18 | Adult | 12.8 | -12.9 |
| 792 | 131813 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | F | 9 | Adult | 12.5 | -13.5 |
| 793 | 131807 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | - | Adult | 11.0 | -12.9 |
| 794 | 131796 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 19 | Adult | 11.9 | -13.6 |
| 795 | 131803 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | - | Adult | 11.8 | -13.4 |
| 796 | 131808 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 14 | Adult | 13.8 | -13 |
| 797.1 | 131806 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | M |  | Adult | 12.1 | -13.9 |
| 798.1 | 131800 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 9 | Adult | 11.9 | -13.8 |
| 799 | 131802 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 16 | Adult | 12.1 | -13.3 |
| 800.1 | 131809 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 15 | Adult | 11.2 | -13.1 |
| 801 | - | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | - | - | - | 11.7 | -12.8 |
| 802.1 | 131801 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 7 | Adult | 11.9 | -13.6 |
| 803.1 | 131798 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | F | 27 | Adult | 12.7 | -13.7 |
| 804 | 131805 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 16 | Adult | 12.3 | -13.1 |
| 805 | 131811 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | - | Adult | 12.3 | -13.3 |
| 806.1 | 131797 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 20 | Adult | 11.8 | -13.2 |
| 807 | 131804 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | - | Adult | 12.2 | -13.0 |
| 808 | 131810 | 2016 | Unknown | Modern | St. Lawrence Island | Bering Sea | M | 16 | Adult | 12.5 | -13.2 |