Appendix

Appendix Table 1. Correspondence between Laboratory codes and Canadian Museum of Nature accession codes and approximate co-ordinates of samples.

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| --- | --- | --- | --- |
| UCIAMS No. | CMNMA No | Latitude | Longitude |
| 168830 | 10353 | 64° 13.89’N | 76° 32.53’W |
| 168831 | 10368 | 64° 13.89’N | 76° 32.53’W |
| 168832 | 19323 | 64° 13.89’N | 76° 32.53’W |
| 168833 | 21740 | 67° 51.73’N | 77° 12.2’W |
| 168834 | 21741 | 67° 51.73’N | 77° 12.2’W |
| 168835 | 21742 | 67° 51.73’N | 77° 12.2’W |
| 168836 | 21960 | 61° 35.83’N | 71° 57.72’N |
| 168837 | 26701 | 63° 43.53’N | 80° 12.7’W |
| 168838 | 267702 | 63° 45.15’N | 80° 10.09’W |
| 168839 | 26703 | 63° 45.15’N | 80° 10.09’W |
| 168840 | 26704 | 63° 45.15’N | 80° 10.09’W |
| 168841 | 26705 | 63° 45.15’N | 80° 10.09’W |
| 168842 | 26706 | 63° 45.15’N | 80° 10.09’W |
| 168843 | 26707 | 63° 45.15’N | 80° 10.09’W |
| 168844 | 26708 | 63° 45.15’N | 80° 10.09’W |
| 168845 | 26709 | 63° 45.15’N | 80° 10.09’W |
| 168846 | 26710 | 63° 45.15’N | 80° 10.09’W |
| 168847 | 26711 | 63° 45.15’N | 80° 10.09’W |
| 168848 | 26712 | 63° 45.15’N | 80° 10.09’W |
| 168849 | 32350 | 62° 59.29’N | 82° 14.6’W |
| 168850 | 36 | 61° 35.83’N | 71° 57.72’N |
| 168851 | 32372 | 62° 59.29’N | 82° 14.6’W |
| 168852 | 5548 | 63° 40.56’N | 77° 22.27’W |
| 168853 | 5549 | 63° 40.56’N | 77° 22.27’W |
| 168854 | 5968 | 76° 12.55’N | 81° 01.14’W |
| 168855 | 5983 | 63° 40.56’N | 77° 22.27’W |
| 168856 | 10428 | 63° 40.56’N | 77° 22.27’W |
| 168857 | 10429 | 62° 33.07’N | 70° 35.7’W |

Appendix Table 2. Carbon and nitrogen values for newly reported walrus samples.

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| UCIAMS No. | *δ*15N ‰ | *δ*13C ‰ | %N | %C | C/N | Δ14C ‰ |
| 168830 | 13.26 | -13.24 | 14.50 | 43.96 | 3.54 | -96.2 |
| 168831 | 14.17 | -14.01 | 15.37 | 44.59 | 3.38 | -84.3 |
| 168832 | 12.17 | -13.27 | 15.12 | 42.46 | 3.28 | -76.0 |
| 168833 | 12.95 | -13.23 | 15.21 | 43.01 | 3.30 | -81.8 |
| 168834 | 12.03 | -13.98 | 15.33 | 42.8 | 3.26 | -78.2 |
| 168835 | 15.94 | -14.01 | 14.91 | 41.72 | 3.26 | -71.2 |
| 168836 | 11.04 | -13.29 | 14.28 | 42.60 | 3.35 | -80.2 |
| 168837 | 11.84 | -14.63 | 15.14 | 42.58 | 3.28 | -73.5 |
| 168838 | 13.70 | -14.33 | 15.13 | 42.53 | 3.28 | -73.4 |
| 168839 | 12.21 | -13.87 | 15.02 | 42.01 | 3.26 | -70.0 |
| 168840 | 13.20 | -14.65 | 15.18 | 42.41 | 3.26 | -71.5 |
| 168841 | 13.26 | -14.64 | 15.00 | 41.91 | 3.26 | -68.6 |
| 168842 | 13.91 | -14.75 | 14.91 | 42.04 | 3.29 | -70.2 |
| 168843 | 12.34 | -13.21 | 14.96 | 42.06 | 3.28 | -69.3 |
| 168844 | 12.64 | -14.56 | 14.80 | 41.69 | 3.29 | -75.0 |
| 168845 | 12.28 | -13.56 | 14.58 | 41.15 | 3.29 | -70.5 |
| 168846 | 13.60 | -14.49 | 14.76 | 41.99 | 3.32 | -74.1 |
| 168847 | 14.43 | -14.49 | 14.94 | 41.93 | 3.28 | -71.1 |
| 168848 | 15.78 | -14.47 | 14.62 | 41.58 | 3.32 | -69.4 |
| 168849 | 13.11 | -15.25 | 14.75 | 41.43 | 3.28 | -70.9 |
| 168850 | 12.29 | -12.90 | 14.76 | 41.51 | 3.28 | -79.6 |
| 168851 | 13.85 | -14.90 | 14.90 | 41.47 | 3.25 | -71.3 |
| 168852 | 15.28 | -15.14 | 14.64 | 43.22 | 3.44 | -78.9 |
| 168853 | 10.93 | -13.75 | 14.08 | 41.84 | 3.47 | -82.2 |
| 168854 | 11.27 | -15.40 | 14.23 | 42.25 | 3.46 | -89.5 |
| 168855 | 11.74 | -12.96 | 14.54 | 41.82 | 3.36 | -80.1 |
| 168856 | 11.11 | -12.79 | 13.87 | 39.11 | 3.29 | -83.1 |
| 168857 | 13.69 | -14.53 | 14.26 | 39.80 | 3.26 | -75.5 |
| 175939 | 14.9 | -14.8 | 14.7 | 41.2 | 3.26 | -264.7 |
| 175940 | 13.9 | -15.7 | 14.8 | 41.4 | 3.26 | -272.7 |
| 175941 | 13.8 | -15.0 | 14.8 | 41.6 | 3.27 | -268.6 |
| 175942 | 14.5 | -15.3 | 14.9 | 41.4 | 3.25 | -255.3 |
| 175943 | 15.1 | -14.6 | 14.7 | 41.2 | 3.28 | -188.7 |
| 175944 | 13.9 | -15.6 | 14.8 | 41.6 | 3.28 | -247.7 |
| 175945 | 13.7 | -15.7 | 14.6 | 42.2 | 3.38 | -259.1 |
| 175946 | 13.4 | -15.0 | 14.4 | 40.5 | 3.26 | -129.8 |
| 175947 | 14.0 | -14.8 | 14.6 | 40.9 | 3.27 | -141.5 |
| 175948 | 13.5 | -15.6 | 14.1 | 39.6 | 3.26 | -263.3 |
| 185083 | 13.8 | -14.3 | 16.4 | 45.0 | 3.21 | -192.5 |
| 185086 | 14.0 | -14.8 | 16.2 | 45.0 | 3.23 | -279.7 |
| 185087 | 12.1 | -13.7 | 15.9 | 44.7 | 3.29 | -267.0 |
| 185089 | 12.6 | -15.7 | 15.9 | 44.2 | 3.24 | -274.2 |
| 185091 | 12.7 | -15.2 | 16.5 | 44.1 | 3.12 | -273.6 |
| 185093 | 12.4 | -16.1 | 16.4 | 44.6 | 3.17 | -271.7 |
| 185098 | 13.2 | -15.0 | 16.1 | 43.2 | 3.12 | -263.0 |
| 185717 | 13.1 | -12.8 | 15.9 | 43.4 | 3.19 | -74.9 |
| 188987 | 12.1 | -14.1 | 15.3 | 42.8 | 3.25 | -106.1 |
| 188989 | 11.9 | -14.5 | 15.4 | 43.1 | 3.27 | -126.8 |
| 188992 | 11.6 | -14.3 | 15.5 | 43.3 | 3.25 | -129.4 |
| 188994 | 13.0 | -14.3 | 15.0 | 42.6 | 3.33 | -117.4 |
| 188995 | 13.3 | -14.4 | 14.8 | 41.9 | 3.30 | -113.9 |
| 188997 | 12.6 | -15.7 | 14.9 | 40.7 | 3.18 | -274.2 |
| 188999 | 13.5 | -13.6 | 15.6 | 42.2 | 3.16 | -268.4 |
| 189001 | 14.3 | -14.7 | 15.4 | 42.7 | 3.24 | -189.7 |
| 189003 | 14.8 | -15.3 | 15.8 | 43.2 | 3.18 | -190.1 |
| 189006 | 13.6 | -15.4 | 15.6 | 42.9 | 3.20 | -276.2 |
| 189007 | 14.0 | -15.2 | 15.1 | 41.6 | 3.21 | -279.4 |
| 189557 | 12.8 | -15.1 | 15.5 | 42.6 | 3.21 | -277.3 |
| 189559 | 12.4 | -15.2 | 15.6 | 43.1 | 3.22 | -275.5 |
| 189561 | 13.0 | -14.5 | 15.2 | 42.7 | 3.28 | -253.3 |
| 189563 | 12.4 | -15.4 | 15.4 | 43.5 | 3.28 | -262.4 |
| 189565 | 12.8 | -15.3 | 15.4 | 43.1 | 3.26 | -274.2 |
| 189567 | 13.1 | -15.2 | 15.3 | 42.4 | 3.24 | -263.7 |
| 189569 | 12.5 | -15.5 | 15.4 | 42.7 | 3.23 | -270.7 |
| 189571 | 12.9 | -15.0 | 15.4 | 43.1 | 3.26 | -274.9 |