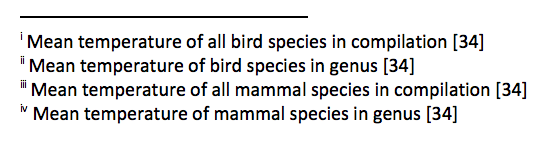
**Appendix 1**: Body mass (M, in g), temperature (T, in oC), median dive time (median DT, in minutes), maximum dive time (max DT, in minutes), and the per species median and max. dive time data (in minutes) for amphibians, reptiles, birds and mammals. The numbers found in square parentheses in the last four columns refer to references, which are listed immediately below the appendix.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Species** | **M** | **T** | **Med. DT** | **Max. DT** | **Med. DT per species** | **Max. DT per species** | **M, ref.** | **T, ref.** | **Med DT, ref.** | **Max DT, ref.** |
| AMPHIBIANS |  |  |  |  |  |  |  |  |  |  |
| *Triturus alpestris* | 2.6 | 10.0 | 5.9 |  |  |  | [1] | [1] | [1] |  |
| *Triturus alpestris* | 2.6 | 15.0 | 3.6 |  | *3.6* |  | [1] | [1] | [1] |  |
| *Triturus alpestris* | 2.6 | 20.0 | 2.3 |  |  |  | [1] | [1] | [1] |  |
| *Triturus alpestris* | 2.6 | 25.0 | 1.1 |  |  |  | [1] | [1] | [1] |  |
| REPTILES |  |  |  |  |  |  |  |  |  |  |
| *Crocodylus johnstoni* | 5060 | 23.5 |  | 344.5 |  |  | [2] | [2] |  | [2] |
| *Crocodylus johnstoni* | 5600 | 23.5 |  | 145.3 |  |  | [2] | [2] |  | [2] |
| *Crocodylus johnstoni* | 5920 | 23.5 |  | 186.2 |  |  | [2] | [2] |  | [2] |
| *Crocodylus johnstoni* | 6350 | 23.5 |  | 145.2 |  |  | [2] | [2] |  | [2] |
| *Crocodylus johnstoni* | 6500 | 23.5 |  | 237.4 |  |  | [2] | [2] |  | [2] |
| *Crocodylus johnstoni* | 9800 | 23.5 |  | 177.8 |  |  | [2] | [2] |  | [2] |
| *Crocodylus johnstoni* | 11560 | 23.5 |  | 152.7 |  |  | [2] | [2] |  | [2] |
| *Crocodylus johnstoni* | 13000 | 23.5 |  | 188.1 |  |  | [2] | [2] |  | [2] |
| *Crocodylus johnstoni* | 15460 | 23.5 |  | 133.1 |  |  | [2] | [2] |  | [2] |
| *Crocodylus johnstoni* | 21960 | 23.5 |  | 188.1 |  |  | [2] | [2] |  | [2] |
| *Crocodylus johnstoni* | 42490 | 23.5 |  | 401.3 |  | *401.3* | [2] | [2] |  | [2] |
| *Crocodylus johnstoni* | 6500 | 23.5 | 6.1 |  |  |  | [2] | [2] | [2] |  |
| *Crocodylus johnstoni* | 10500 | 23.5 | 6.3 |  |  |  | [2] | [2] | [2] |  |
| *Crocodylus johnstoni* | 28500 | 23.5 | 6.9 |  |  |  | [2] | [2] | [2] |  |
| *Crocodylus johnstoni* | 9880 | 21.6 | 33.4 |  |  |  | [3] | [3] | [3] |  |
| *Crocodylus johnstoni* | 9880 | 22.4 | 23.1 |  |  |  | [3] | [3] | [3] |  |
| *Crocodylus johnstoni* | 9880 | 23.4 | 22.0 |  |  |  | [3] | [3] | [3] |  |
| *Crocodylus johnstoni* | 9880 | 24.7 | 21.1 |  |  |  | [3] | [3] | [3] |  |
| *Crocodylus johnstoni* | 9880 | 26.5 | 17.1 |  |  |  | [3] | [3] | [3] |  |
| *Crocodylus johnstoni* | 9880 | 28.9 | 21.2 |  |  |  | [3] | [3] | [3] |  |
| *Crocodylus johnstoni* | 9880 | 31.9 | 14.7 |  |  |  | [3] | [3] | [3] |  |
| *Crocodylus johnstoni* | 5400 | 22.5 | 26.8 |  |  |  | [3] | [3] | [3] |  |
| *Crocodylus johnstoni* | 4000 | 22.5 | 20.2 |  | *20.2* |  | [3] | [3] | [3] |  |
| *Crocodylus johnstoni* | 16000 | 22.5 | 13.3 |  |  |  | [3] | [3] | [3] |  |
| *Crocodylus johnstoni* | 9200 | 22.5 | 30.3 |  |  |  | [3] | [3] | [3] |  |
| *Crocodylus johnstoni* | 14800 | 22.5 | 17.8 |  |  |  | [3] | [3] | [3] |  |
| *Crocodylus johnstoni* | 5400 | 22.5 |  | 94.7 |  |  | [3] | [3] |  | [3] |
| *Crocodylus johnstoni* | 4000 | 22.5 |  | 75.3 |  |  | [3] | [3] |  | [3] |
| *Crocodylus johnstoni* | 16000 | 22.5 |  | 67.9 |  |  | [3] | [3] |  | [3] |
| *Crocodylus johnstoni* | 9200 | 22.5 |  | 117.5 |  |  | [3] | [3] |  | [3] |
| *Crocodylus johnstoni* | 14800 | 22.5 |  | 119.6 |  |  | [3] | [3] |  | [3] |
| *Crocodylus porosus* | 9750 | 25.0 | 2.7 | 30.0 |  | *30.0* | [4] | [4] | [4] | [4] |
| *Crocodylus porosus* | 2250 | 25.0 | 3.1 |  | *3.1* |  | [5] | [5] | [5] |  |
| *Crocodylus porosus* | 2250 | 25.0 | 19.6 |  |  |  | [5] | [5] | [5] |  |
| *Amblyrhynchus cristatus* | 2254 | 23.1 | 3.1 | 6.3 | *3.1* |  | [6] | [6] | [6] | [6] |
| *Amblyrhynchus cristatus* | 1006 | 25.5 |  | 50.0 |  | *50.0* | [7] | [7] |  | [7] |
| *Eulamprus quoyii* | 19.7 | 19.1 | 7.4 |  | *7.4* |  | [8] | [8] | [8] |  |
| *Iguana iguana* | 895 | 25.5 | 82.0 | 270.0 | *82.0* | *270.0* | [8] | [8] | [8] | [8] |
| *Oligosoma smithi* | 4.2 | 17.0 | 2.5 |  | *2.5* |  | [8] | [8] | [8] |  |
| *Oligosoma smithi* | 4.8 | 17.0 |  | 6.6 |  |  | [8] | [8] |  | [8] |
| *Oligosoma smithi* | 13.2 | 17.3 | 5.0 | 20.5 | *5.0* | *20.5* | [8] | [8] | [8] | [8] |
| *Acalyptophis peronii* | 205 | 26.1 | 22.5 | 46.1 |  |  | [9] | [9] | [9] | [9] |
| *Acalyptophis peronii* | 285 | 26.1 | 13.1 | 27.4 |  |  | [9] | [9] | [9] | [9] |
| *Acalyptophis peronii* | 222 | 26.1 | 24.3 | 37.1 | *24.3* |  | [9] | [9] | [9] | [9] |
| *Acalyptophis peronii* | 248 | 26.1 | 46.6 | 54.1 |  | *54.1* | [9] | [9] | [9] | [9] |
| *Acrochordus arafurae* | 2550 | 26.0 | 11.1 | 56.9 |  |  | [10] | [10] | [10] | [10] |
| *Acrochordus arafurae* | 2320 | 26.0 | 5.5 | 53.7 |  |  | [10] | [10] | [10] | [10] |
| *Acrochordus arafurae* | 1920 | 26.0 | 7.2 | 55.4 |  |  | [10] | [10] | [10] | [10] |
| *Acrochordus arafurae* | 2000 | 26.0 | 5.7 | 153.7 | *5.7* | *153.7* | [10] | [10] | [10] | [10] |
| *Acrochordus arafurae* | 2000 | 26.0 | 3.8 | 56.4 |  |  | [10] | [10] | [10] | [10] |
| *Acrochordus granulatus* | 326 | 26.1 | 40.6 | 116.9 |  | *116.9* | [9] | [9] | [9] | [9] |
| *Acrochordus granulatus* | 326 | 30.0 | 3.2 |  | *3.2* |  | [11] | [11] | [11] |  |
| *Aipysurus duboisi* | 355 | 25.0 | 22.8 |  |  |  | [11] | [11] | [11] |  |
| *Aipysurus duboisi* | 355 | 28.0 | 16.7 |  | *16.7* |  | [11] | [11] | [11] |  |
| *Aipysurus duboisi* | 355 | 26.1 | 16.3 | 45.8 |  | *45.8* | [9] | [9] | [9] | [9] |
| *Aipysurus laevis* | 533 | 23.0 | 20.0 | 30.0 | *20.0* | *30.0* | [11] | [11] | [11] | [11] |
| *Aipysurus laevis* | 533 | 26.0 | 7.1 | 8.6 |  |  | [11] | [11] | [11] | [11] |
| *Emydocephalus annulatus* | 141 | 26.0 | 14.3 | 17.3 | *14.3* | *17.3* | [11] | [11] | [11] | [11] |
| *Hydrophis belcheri* | 201 | 26.1 | 7.3 | 31.2 |  | *31.2* | [9] | [9] | [9] | [9] |
| *Hydrophis belcheri* | 227 | 26.1 | 15.4 |  |  |  | [9] | [9] | [9] |  |
| *Hydrophis belcheri* | 464 | 26.1 | 11.0 | 25.4 | *11.0* |  | [9] | [9] | [9] | [9] |
| *Hydrophis elegans* | 388 | 26.1 | 4.4 | 13.2 | *4.4* | *13.2* | [9] | [9] | [9] | [9] |
| *Lapemis hardwickii* | 420 | 26.1 | 7.6 | 14.2 | *7.6* | *14.2* | [9] | [9] | [9] | [9] |
| *Lapemis hardwickii* | 102.2 | 17.0 | 4.2 | 10.6 |  |  | [11] | [11] | [11] | [11] |
| *Laticauda saintgironsi* | 390 | 26.3 | 17.0 | 138.0 | *17.0* | *138.0* | [12] | [12] | [12] | [12] |
| *Pelamis platurus* | 118 | 20.0 | 52.8 | 106.8 |  |  | [13] | [13] | [13] | [13] |
| *Pelamis platurus* | 147 | 20.0 | 28.4 | 55.6 |  |  | [13] | [13] | [13] | [13] |
| *Pelamis platurus* | 160 | 20.0 | 48.0 | 90.5 |  |  | [13] | [13] | [13] | [13] |
| *Pelamis platurus* | 161 | 20.0 | 24.9 | 32.3 |  |  | [13] | [13] | [13] | [13] |
| *Pelamis platurus* | 161 | 20.0 | 28.9 | 86.1 |  |  | [13] | [13] | [13] | [13] |
| *Pelamis platurus* | 101 | 20.0 | 18.5 | 27.2 |  |  | [13] | [13] | [13] | [13] |
| *Pelamis platurus* | 120 | 22.5 | 11.2 | 14.0 |  |  | [13] | [13] | [13] | [13] |
| *Pelamis platurus* | 90 | 22.5 | 43.7 | 72.0 |  |  | [13] | [13] | [13] | [13] |
| *Pelamis platurus* | 110 | 22.5 | 42.4 | 137.4 |  |  | [13] | [13] | [13] | [13] |
| *Pelamis platurus* | 150 | 22.5 | 21.0 | 68.2 |  |  | [13] | [13] | [13] | [13] |
| *Pelamis platurus* | 195 | 22.5 | 19.4 | 43.7 |  |  | [13] | [13] | [13] | [13] |
| *Pelamis platurus* | 130 | 20.0 | 54.5 | 139.3 |  | *139.3* | [13] | [13] | [13] | [13] |
| *Pelamis platurus* | 128 | 20.0 | 74.6 | 102.5 |  |  | [13] | [13] | [13] | [13] |
| *Pelamis platurus* | 150 | 20.0 | 37.7 | 103.0 | *37.7* |  | [13] | [13] | [13] | [13] |
| *Pelamis platurus* | 140 | 22.5 | 50.3 | 213.0 |  |  | [13] | [13] | [13] | [13] |
| *Apalone ferox* | 1123.3 | 25.0 | 5.4 |  |  |  | [14] | [14] | [14] |  |
| *Apalone ferox* | 1123.3 | 15.0 | 18.6 |  | *18.6* |  | [14] | [14] | [14] |  |
| *Caretta caretta* | 72500 | 27.4 | 25.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 72500 | 26.6 | 15.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 72500 | 26.3 | 12.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 72500 | 26.5 | 20.1 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 72500 | 27.3 | 20.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 72500 | 28.7 | 19.8 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 72500 | 26.5 | 15.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 72500 | 23.5 | 25.0 |  | *25.0* |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 72500 | 24.2 | 36.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 72500 | 23.1 | 34.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 72500 | 25.1 | 45.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 72500 | 25.9 | 22.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 72500 | 25.2 | 25.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 72500 | 23.0 | 58.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 72500 | 22.3 | 29.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 72500 | 21.2 | 50.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 72500 | 22.2 | 38.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 72500 | 20.4 | 66.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 72500 | 20.3 | 58.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 72500 | 20.0 | 57.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 91500 | 27.4 | 17.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 91500 | 24.2 | 18.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 91500 | 28.2 | 15.1 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 91500 | 28.8 | 14.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 91500 | 27.8 | 17.5 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 91500 | 26.5 | 18.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 91500 | 26.7 | 19.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 91500 | 25.2 | 24.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 91500 | 24.6 | 26.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 91500 | 23.8 | 30.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 91500 | 23.7 | 36.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 91500 | 23.1 | 36.5 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 91500 | 22.0 | 37.0 |  |  |  | [15] | [15] | [15] |  |
| *Caretta caretta* | 52000 | 25.9 | 5.5 | 52.7 |  |  | [16] | [16] | [16] | [16] |
| *Caretta caretta* | 52000 | 25.7 |  | 105.5 |  |  | [16] | [16] |  | [16] |
| *Caretta caretta* | 52000 | 25.0 |  | 62.6 |  |  | [16] | [16] |  | [16] |
| *Caretta caretta* | 52000 | 22.6 |  | 125.3 |  |  | [16] | [16] |  | [16] |
| *Caretta caretta* | 52000 | 20.0 |  | 150.0 |  |  | [16] | [16] |  | [16] |
| *Caretta caretta* | 52000 | 17.1 |  | 253.8 |  |  | [16] | [16] |  | [16] |
| *Caretta caretta* | 52000 | 16.4 |  | 248.9 |  |  | [16] | [16] |  | [16] |
| *Caretta caretta* | 52000 | 14.8 | 341.0 | 410.4 |  |  | [16] | [16] | [16] | [16] |
| *Caretta caretta* | 34500 | 13.5 |  | 360.6 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 34500 | 15.1 |  | 269.0 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 34500 | 15.5 |  | 198.6 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 34500 | 17.6 |  | 159.2 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 34500 | 20.2 |  | 118.3 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 34500 | 16.4 | 120.0 |  |  |  | [17] | [17] | [17] |  |
| *Caretta caretta* | 42130 | 13.4 |  | 360.6 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 42130 | 13.7 |  | 269.0 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 42130 | 14.3 |  | 221.1 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 42130 | 14.5 |  | 270.4 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 42130 | 14.8 |  | 121.1 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 42130 | 15.0 |  | 301.4 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 42130 | 15.3 |  | 160.6 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 42130 | 15.6 |  | 331.0 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 42130 | 16.1 |  | 269.0 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 42130 | 16.9 |  | 181.7 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 42130 | 20.7 |  | 109.9 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 42130 | 21.6 |  | 105.6 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 42130 | 21.9 |  | 119.7 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 42130 | 22.0 |  | 97.2 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 42130 | 22.3 |  | 78.9 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 42130 | 22.7 |  | 59.2 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 42130 | 17.6 | 26.0 |  |  |  | [17] | [17] | [17] |  |
| *Caretta caretta* | 19650 | 12.5 |  | 480.3 |  | *480.3* | [17] | [17] |  | [17] |
| *Caretta caretta* | 19650 | 12.8 |  | 331.0 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 19650 | 12.9 |  | 362.0 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 19650 | 13.0 |  | 269.0 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 19650 | 13.4 |  | 239.4 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 19650 | 13.8 |  | 200.0 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 19650 | 15.1 |  | 242.3 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 19650 | 15.1 |  | 171.8 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 19650 | 15.9 |  | 95.8 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 19650 | 17.6 |  | 129.6 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 19650 | 19.1 |  | 116.9 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 19650 | 19.2 |  | 129.6 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 19650 | 19.2 |  | 98.6 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 19650 | 19.3 |  | 59.2 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 19650 | 20.4 |  | 63.4 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 19650 | 20.9 |  | 73.2 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 19650 | 21.1 |  | 36.6 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 19650 | 21.8 |  | 53.5 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 19650 | 22.3 |  | 22.5 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 19650 | 22.6 |  | 43.7 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 19650 | 17.4 | 115.0 |  |  |  | [17] | [17] | [17] |  |
| *Caretta caretta* | 50250 | 12.0 |  | 140.8 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 50250 | 13.2 |  | 119.7 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 50250 | 15.2 |  | 330.0 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 50250 | 22.5 |  | 32.4 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 50250 | 22.5 |  | 11.3 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 50250 | 23.4 |  | 57.7 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 50250 | 23.6 |  | 119.7 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 50250 | 24.2 |  | 46.5 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 50250 | 24.8 |  | 64.8 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 50250 | 25.5 |  | 105.6 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 50250 | 25.9 |  | 71.8 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 50250 | 26.3 |  | 56.3 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 50250 | 26.4 |  | 80.3 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 50250 | 27.1 |  | 42.3 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 50250 | 30.3 |  | 53.5 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 50250 | 30.7 |  | 70.4 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 50250 | 30.9 |  | 21.1 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 50250 | 31.0 |  | 62.0 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 50250 | 31.8 |  | 94.4 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 50250 | 32.6 |  | 77.5 |  |  | [17] | [17] |  | [17] |
| *Caretta caretta* | 55000 | 27.1 |  | 52.9 |  |  | [18] | [18] |  | [18] |
| *Caretta caretta* | 55000 | 27.1 |  | 39.7 |  |  | [18] | [18] |  | [18] |
| *Caretta caretta* | 55000 | 27.1 | 29.4 |  |  |  | [18] | [18] | [18] |  |
| *Caretta caretta* | 55000 | 27.1 | 5.9 |  |  |  | [18] | [18] | [18] |  |
| *Caretta caretta* | 74000 | 23.8 | 25.9 | 50.0 |  |  | [19] | [19] | [19] | [19] |
| *Caretta caretta* | 73000 | 23.8 | 39.9 | 70.0 |  |  | [19] | [19] | [19] | [19] |
| *Caretta caretta* | 82000 | 23.8 | 14.1 | 50.0 |  |  | [19] | [19] | [19] | [19] |
| *Caretta caretta* | 80000 | 23.8 | 35.4 | 60.0 |  |  | [19] | [19] | [19] | [19] |
| *Caretta caretta* | 75000 | 23.8 | 20.1 | 36.7 |  |  | [19] | [19] | [19] | [19] |
| *Caretta caretta* | 62500 | 23.8 | 21.3 | 56.7 |  |  | [19] | [19] | [19] | [19] |
| *Chelonia mydas* | 115200 | 26.9 | 15.0 | 25.0 |  |  | [20] | [20] | [20] | [20] |
| *Chelonia mydas* | 200000 | 28.4 | 24.6 | 45.8 |  |  | [20] | [20] | [20] | [20] |
| *Chelonia mydas* | 125200 | 28.4 | 19.4 | 31.1 |  |  | [20] | [20] | [20] | [20] |
| *Chelonia mydas* | 211000 | 27.7 | 18.1 | 30.9 |  |  | [20] | [20] | [20] | [20] |
| *Chelonia mydas* | 105600 | 28.0 | 28.6 | 51.0 |  |  | [21] | [21] | [21] | [21] |
| *Chelonia mydas* | 236500 | 28.0 | 36.0 | 55.0 |  |  | [21] | [21] | [21] | [21] |
| *Chelonia mydas* | 115000 | 26.0 | 38.8 |  |  |  | [22] | [22] | [22] |  |
| *Chelonia mydas* | 21600 | 26.2 | 14.3 |  |  |  | [23] | [23] | [23] |  |
| *Chelonia mydas* | 15000 | 27.9 | 11.9 |  |  |  | [23] | [23] | [23] |  |
| *Chelonia mydas* | 15600 | 25.3 | 15.2 |  |  |  | [23] | [23] | [23] |  |
| *Chelonia mydas* | 11700 | 25.6 | 12.6 |  |  |  | [23] | [23] | [23] |  |
| *Chelonia mydas* | 11600 | 26.6 | 12.8 |  |  |  | [23] | [23] | [23] |  |
| *Chelonia mydas* | 16900 | 25.8 | 11.9 |  |  |  | [23] | [23] | [23] |  |
| *Chelonia mydas* | 23600 | 21.9 | 22.7 |  | *22.7* |  | [23] | [23] | [23] |  |
| *Chelonia mydas* | 17100 | 21.7 | 25.9 |  |  |  | [23] | [23] | [23] |  |
| *Chelonia mydas* | 11100 | 26.6 | 12.8 |  |  |  | [24] | [24] | [24] |  |
| *Chelonia mydas* | 11600 | 25.6 | 12.6 |  |  |  | [24] | [24] | [24] |  |
| *Chelonia mydas* | 15700 | 25.3 | 15.2 |  |  |  | [24] | [24] | [24] |  |
| *Chelonia mydas* | 23800 | 21.9 | 22.7 |  |  |  | [24] | [24] | [24] |  |
| *Chelonia mydas* | 17200 | 21.7 | 25.9 |  |  |  | [24] | [24] | [24] |  |
| *Chelonia mydas* | 16300 | 25.8 | 11.9 |  |  |  | [24] | [24] | [24] |  |
| *Chrysemys dorbignyi* | 1740 | 27.0 | 7.7 | 31.6 | *7.7* | *31.6* | [25] | [25] | [25] | [25] |
| *Chrysemys dorbignyi* | 1755 | 18.0 | 14.1 | 35.0 |  |  | [25] | [25] | [25] | [25] |
| *Chrysemys picta* | 295.4 | 25.0 | 3.9 |  | *3.9* |  | [14] | [14] | [14] |  |
| *Chrysemys picta* | 295.4 | 15.0 | 5.7 |  |  |  | [14] | [14] | [14] |  |
| *Emydura macquarii* | 1900 | 25.9 | 9.6 | 85.2 |  |  | [26] | [26] | [26] | [26] |
| *Emydura macquarii* | 1595 | 15.0 | 31.7 | 166.0 |  | *166.0* | [27] | [27] | [27] | [27] |
| *Emydura macquarii* | 1600 | 23.0 | 6.6 |  |  |  | [27] | [27] | [27] |  |
| *Emydura macquarii* | 1600 | 30.0 | 7.5 |  | *7.5* |  | [27] | [27] | [27] |  |
| *Eretmochelys imbricata* | 1737.4 | 27.0 | 16.5 |  |  |  | [28] | [28] | [28] |  |
| *Eretmochelys imbricata* | 1817.4 | 27.0 | 11.6 |  |  |  | [28] | [28] | [28] |  |
| *Eretmochelys imbricata* | 2144 | 27.0 | 15.0 |  |  |  | [28] | [28] | [28] |  |
| *Eretmochelys imbricata* | 2962.8 | 27.0 | 13.2 |  |  |  | [28] | [28] | [28] |  |
| *Eretmochelys imbricata* | 3595.4 | 27.0 | 14.0 |  |  |  | [28] | [28] | [28] |  |
| *Eretmochelys imbricata* | 5393.9 | 27.0 | 23.8 |  |  |  | [28] | [28] | [28] |  |
| *Eretmochelys imbricata* | 5552.4 | 27.0 | 15.7 |  |  |  | [28] | [28] | [28] |  |
| *Eretmochelys imbricata* | 5628.8 | 27.0 | 20.7 |  | *20.7* |  | [28] | [28] | [28] |  |
| *Eretmochelys imbricata* | 5732 | 27.0 | 16.7 |  |  |  | [28] | [28] | [28] |  |
| *Eretmochelys imbricata* | 5773.3 | 27.0 | 17.4 |  |  |  | [28] | [28] | [28] |  |
| *Eretmochelys imbricata* | 6088.9 | 27.0 | 13.1 |  |  |  | [28] | [28] | [28] |  |
| *Eretmochelys imbricata* | 7564.6 | 27.0 | 20.9 |  |  |  | [28] | [28] | [28] |  |
| *Eretmochelys imbricata* | 8124.3 | 27.0 | 13.6 |  |  |  | [28] | [28] | [28] |  |
| *Eretmochelys imbricata* | 8464 | 27.0 | 11.7 |  |  |  | [28] | [28] | [28] |  |
| *Eretmochelys imbricata* | 8559.8 | 27.0 | 24.7 |  |  |  | [28] | [28] | [28] |  |
| *Eretmochelys imbricata* | 9031.7 | 27.0 | 34.6 |  |  |  | [28] | [28] | [28] |  |
| *Eretmochelys imbricata* | 10716 | 27.0 | 33.3 |  |  |  | [28] | [28] | [28] |  |
| *Eretmochelys imbricata* | 12024 | 27.0 | 25.4 |  |  |  | [28] | [28] | [28] |  |
| *Eretmochelys imbricata* | 16286 | 27.0 | 44.6 |  |  |  | [28] | [28] | [28] |  |
| *Eretmochelys imbricata* | 3700 | 26.0 | 21.0 | 57.7 |  |  | [29] | [29] | [29] | [29] |
| *Eretmochelys imbricata* | 3800 | 26.0 | 22.9 | 81.1 |  | *81.1* | [29] | [29] | [29] | [29] |
| *Eretmochelys imbricata* | 16200 | 26.0 | 24.0 | 77.5 |  |  | [29] | [29] | [29] | [29] |
| *Eretmochelys imbricata* | 17200 | 26.0 | 21.5 | 52.0 |  |  | [29] | [29] | [29] | [29] |
| *Lepidochelys kempii* | 7400 | 22.0 | 34.7 | 147.7 | *34.7* |  | [30] | [30] | [30] | [30] |
| *Lepidochelys kempii* | 9800 | 22.0 | 45.5 | 115.3 |  |  | [30] | [30] | [30] | [30] |
| *Lepidochelys kempii* | 27940 | 22.6 | 87.5 |  |  |  | [30] | [30] | [30] |  |
| *Lepidochelys kempii* | 27941 | 21.1 | 76.0 |  |  |  | [30] | [30] | [30] |  |
| *Lepidochelys kempii* | 27940 | 23.3 | 28.7 |  |  |  | [30] | [30] | [30] |  |
| *Lepidochelys olivacea* | 39000 | 31.6 | 49.8 |  |  |  | [31] | [31] | [31] |  |
| *Lepidochelys olivacea* | 39000 | 26.9 | 35.5 |  |  |  | [31] | [31] | [31] |  |
| *Lepidochelys olivacea* | 32600 | 24.3 | 37.2 |  | *37.2* |  | [32] | [32] | [32] |  |
| *Lepidochelys olivacea* | 31800 | 27.1 | 48.0 |  |  |  | [32] | [32] | [32] |  |
| *Lepidochelys olivacea* | 34300 | 26.4 | 33.7 |  |  |  | [32] | [32] | [32] |  |
| *Lepidochelys olivacea* | 33100 | 27.2 | 24.5 |  |  |  | [32] | [32] | [32] |  |
| *Rheodytes leukops* | 1325 | 15.0 | 98.6 | 538.0 |  |  | [27] | [27] | [27] | [27] |
| *Rheodytes leukops* | 1325 | 23.0 | 36.1 |  |  |  | [27] | [27] | [27] |  |
| *Rheodytes leukops* | 1325 | 30.0 | 15.2 |  |  |  | [27] | [27] | [27] |  |
|  |  |  |  |  |  |  |  |  |  |  |
| BIRDS |  |  |  |  |  |  |  |  |  |  |
| *Aechmophorus occidentalis* | 900.0 | 38.5 | 0.5 | 1.2 | *0.5* | *1.2* | [33] | [34] | [33] | [33] |
| *Alca torda* | 730.6 | 41.3 | 0.8 |  |  |  | [33] | [34] | [35] |  |
| *Alca torda* | 616.0 | 41.3 | 0.6 |  | *0.6* |  | [36] | [34] | [36] |  |
| *Alle alle* | 149.0 | 41.5[[1]](#endnote-1) | 0.9 | 1.5 | *0.9* | *1.5* | [37] | [34] | [37] | [37] |
| *Anhinga melanogaster* | 1400 | 40.9[[2]](#endnote-2) | 0.6 | 1.8 | *0.6* | *1.8* | [38] | [34] | [38] | [38] |
| *Aptenodytes forsteri* | 29500 | 36.1 | 5.5 | 10.4 |  |  | [39] | [34] | [39] | [39] |
| *Aptenodytes forsteri* | 27000 | 36.1 | 5.6 | 9.1 |  |  | [39] | [34] | [39] | [39] |
| *Aptenodytes forsteri* | 26800 | 36.1 | 6.0 | 7.4 |  |  | [39] | [34] | [39] | [39] |
| *Aptenodytes forsteri* | 26560 | 36.1 |  | 15.8 |  |  | [40] | [34] |  | [40] |
| *Aptenodytes forsteri* | 25500 | 36.1 | 6.0 | 12.0 |  |  | [41] | [34] | [41] | [41] |
| *Aptenodytes forsteri* | 25400 | 36.1 | 3.7 | 5.0 |  |  | [42] | [34] | [42] | [42] |
| *Aptenodytes forsteri* | 25300 | 36.1 | 3.2 | 15.5 |  |  | [43] | [34] | [43] | [43] |
| *Aptenodytes forsteri* | 25000 | 36.1 | 7.0 | 9.6 |  |  | [39] | [34] | [39] | [39] |
| *Aptenodytes forsteri* | 24800 | 36.1 | 4.4 | 4.6 | *4.4* |  | [39] | [34] | [39] | [39] |
| *Aptenodytes forsteri* | 24700 | 36.1 | 3.6 | 4.6 |  |  | [39] | [34] | [39] | [39] |
| *Aptenodytes forsteri* | 24500 | 36.1 | 2.4 | 18.0 |  |  | [44] | [34] | [44] | [44] |
| *Aptenodytes forsteri* | 24300 | 36.1 | 3.4 | 5.3 |  |  | [39] | [34] | [39] | [39] |
| *Aptenodytes forsteri* | 24200 | 36.1 | 5.2 | 14.8 |  |  | [45] | [34] | [45] | [45] |
| *Aptenodytes forsteri* | 23600 | 36.1 | 4.1 | 21.3 |  | *21.3* | [43] | [34] | [43] | [43] |
| *Aptenodytes forsteri* | 25511 | 36.1 | 3.3 | 16.1 |  |  | [46] | [34] | [46] | [46] |
| *Aptenodytes patagonicus* | 12860 | 36.1ii | 5.5 | 7.7 |  |  | [47] | [34] | [47] | [47] |
| *Aptenodytes patagonicus* | 12000 | 36.1ii |  | 8.7 |  |  | [48] | [34] |  | [48] |
| *Aptenodytes patagonicus* | 12000 | 36.1ii |  | 8.4 |  |  | [48] | [34] |  | [48] |
| *Aptenodytes patagonicus* | 10900 | 36.1ii | 4.1 | 6.3 |  |  | [49] | [34] | [49] | [49] |
| *Aptenodytes patagonicus* | 10900 | 36.1ii | 2.5 | 9.2 |  | *9.2* | [50] | [34] | [50] | [50] |
| *Aptenodytes patagonicus* | 10600 | 36.1ii | 2.4 | 7.6 |  |  | [51] | [34] | [51] | [51] |
| *Aptenodytes patagonicus* | 11222 | 36.1ii | 2.6 | 8.0 | *2.6* |  | [46] | [34] | [46] | [46] |
| *Aythya australis* | 900 | 42.3ii | 0.1 |  | *0.1* |  | [52] | [34] | [52] |
| *Aythya ferina* | 1000 | 42.3ii | 0.2 | 0.3 | *0.2* | *0.3* | [33] | [34] | [53] | [53] |
| *Aythya fuligula* | 607 | 42.3ii | 0.3 | 0.6 |  | *0.6* | [54] | [34] | [54] | [54] |
| *Aythya fuligula* | 653.5 | 42.3ii | 0.2 | 0.4 | *0.2* |  | [53] | [34] | [53] | [53] |
| *Aythya marila* | 1100 | 42.3ii | 0.3 | 0.5 | *0.3* | *0.5* | [33] | [34] | [33] | [33] |
| *Aythya novaeseelandiae* | 700 | 42.3ii | 0.3 |  | *0.3* |  | [33] | [34] | [52] |  |
| *Aythya valisineria* | 1238 | 42.3ii |  | 0.4 |  | *0.4* | [55] | [34] |  | [55] |
| *Biziura lobata* | 2000 | 41.5i | 0.3 |  | *0.3* |  | [52] | [34] | [52] |  |
| *Brachyramphus marmoratus* | 217 | 41.5i | 0.4 |  |  |  | [56] | [34] | [56] |  |
| *Brachyramphus marmoratus* | 216 | 41.5i | 0.4 | 0.8 | *0.4* |  | [57] | [34] | [57] | [57] |
| *Bucephala clangula* | 1000 | 41.5i | 0.2 | 0.3 | *0.2* | *0.3* | [33] | [34] | [58] | [58] |
| *Bucephala islandica* | 1000 | 41.5ii | 0.4 | 0.6 | *0.4* | *0.6* | [33] | [34] | [59] | [59] |
| *Cepphus grylle* | 400 | 40.4 | 1.1 | 2.5 | *1.1* | *2.5* | [33] | [34] | [33] | [33] |
| *Cerorhinca monocerata* | 612 | 41.5i | 1.1 |  |  |  | [60] | [34] | [60] |  |
| *Cerorhinca monocerata* | 592 | 41.5i | 0.8 |  |  |  | [60] | [34] | [60] |  |
| *Cerorhinca monocerata* | 591 | 41.5i | 0.8 |  |  |  | [60] | [34] | [60] |  |
| *Cerorhinca monocerata* | 580 | 41.5i | 1.0 |  |  |  | [60] | [34] | [60] |  |
| *Cerorhinca monocerata* | 565 | 41.5i | 1.0 |  |  |  | [60] | [34] | [60] |  |
| *Cerorhinca monocerata* | 526 | 41.5i | 1.0 |  |  |  | [60] | [34] | [60] |  |
| *Cerorhinca monocerata* | 520 | 41.5i | 0.7 |  |  |  | [60] | [34] | [60] |  |
| *Cerorhinca monocerata* | 515 | 41.5i | 0.8 |  | *0.8* |  | [60] | [34] | [60] |  |
| *Cerorhinca monocerata* | 557.9 | 41.5i | 0.7 | 2.2 |  | *2.2* | [46] | [34] | [46] | [46] |
| *Cerorhinca monocerata* | 520 | 41.5i | 0.8 | 1.2 |  |  | [61] | [34] | [61] | [61] |
| *Clangula hyemalis* | 700 | 41.5i | 0.5 | 0.8 | *0.5* |  | [62] | [34] | [63] | [63] |
| *Clangula hyemalis* | 900 | 41.5i | 0.7 | 0.9 |  | *0.9* | [33] | [34] | [33] | [33] |
| *Diomedea cauta* | 3900 | 39.8ii | 0.1 | 0.3 | *0.1* | *0.3* | [33] | [34] | [64] | [64] |
| *Diomedea chrysostoma* | 3500 | 39.8ii | 0.1 | 0.2 | *0.1* | *0.2* | [33] | [34] | [33] | [33] |
| *Diomedea melanophrys* | 4000 | 39.8ii | 0.1 | 0.2 | *0.1* | *0.2* | [33] | [34] | [65] | [65] |
| *Eudyptes chrysocome* | 2500 | 41.5i | 1.3 | 4.2 | *1.3* | *4.2* | [46] | [34] | [46] | [46] |
| *Eudyptes chrysolophus* | 3500 | 41.5i | 1.5 | 6.3 |  | *6.3* | [46] | [34] | [46] | [46] |
| *Eudyptes chrysolophus* | 3600 | 41.5i | 1.7 | 1.8 |  |  | [66] | [34] | [66] | [66] |
| *Eudyptes chrysolophus* | 3300 | 41.5i | 1.4 | 3.7 |  |  | [66] | [34] | [66] | [66] |
| *Eudyptes chrysolophus* | 3100 | 41.5i | 1.6 | 2.7 |  |  | [66] | [34] | [66] | [66] |
| *Eudyptes chrysolophus* | 3900 | 41.5i | 1.5 | 2.8 |  |  | [66] | [34] | [66] | [66] |
| *Eudyptes chrysolophus* | 3600 | 41.5i | 1.4 | 2.4 |  |  | [66] | [34] | [66] | [66] |
| *Eudyptes chrysolophus* | 3300 | 41.5i | 1.4 | 3.0 |  |  | [66] | [34] | [66] | [66] |
| *Eudyptes chrysolophus* | 4000 | 41.5i | 1.6 | 3.1 |  |  | [66] | [34] | [66] | [66] |
| *Eudyptes chrysolophus* | 3400 | 41.5i | 1.4 | 2.6 |  |  | [66] | [34] | [66] | [66] |
| *Eudyptes chrysolophus* | 3800 | 41.5i | 1.1 | 3.0 |  |  | [66] | [34] | [66] | [66] |
| *Eudyptes chrysolophus* | 3800 | 41.5i | 1.3 | 2.9 |  |  | [66] | [34] | [66] | [66] |
| *Eudyptes chrysolophus* | 4100 | 41.5i | 1.6 | 3.9 |  |  | [66] | [34] | [66] | [66] |
| *Eudyptes chrysolophus* | 3600 | 41.5i | 1.3 | 2.9 |  |  | [66] | [34] | [66] | [66] |
| *Eudyptes chrysolophus* | 3400 | 41.5i | 1.5 | 2.9 | *1.5* |  | [66] | [34] | [66] | [66] |
| *Eudyptes chrysolophus* | 3400 | 41.5i | 1.4 | 2.6 |  |  | [67] | [34] | [67] | [67] |
| *Eudyptes chrysolophus* | 3600 | 41.5i | 1.7 | 3.2 |  |  | [67] | [34] | [67] | [67] |
| *Eudyptes chrysolophus* | 3400 | 41.5i | 1.5 | 2.7 |  |  | [67] | [34] | [67] | [67] |
| *Eudyptes chrysolophus* | 3300 | 41.5i | 1.8 | 2.8 |  |  | [67] | [34] | [67] | [67] |
| *Eudyptes chrysolophus* | 3200 | 41.5i | 2.0 | 3.0 |  |  | [67] | [34] | [67] | [67] |
| *Eudyptes chrysolophus* | 3100 | 41.5i | 1.1 | 3.1 |  |  | [67] | [34] | [67] | [67] |
| *Eudyptes chrysolophus* | 3000 | 41.5i | 2.1 | 2.8 |  |  | [67] | [34] | [67] | [67] |
| *Eudyptes chrysolophus* | 3000 | 41.5i | 1.3 | 2.8 |  |  | [67] | [34] | [67] | [67] |
| *Eudyptes moseleyi* | 2500 | 41.5i | 0.7 |  |  |  | [68] | [34] | [68] |  |
| *Eudyptes moseleyi* | 2300 | 41.5i | 1.0 | 2.8 | *1.0* |  | [69] | [34] | [69] | [69] |
| *Eudyptes moseleyi* | 2486.7 | 41.5i | 1.3 | 3.2 |  | *3.2* | [70] | [34] | [70] | [70] |
| *Eudyptes schlegeli* | 5000 | 41.5i | 1.7 | 7.5 | *1.7* | *7.5* | [33] | [34] | [71] | [71] |
| *Eudyptula minor* | 964 | 41.5i | 0.3 |  |  |  | [72] | [34] | [72] |  |
| *Eudyptula minor* | 1020 | 41.5i |  | 1.5 |  | *1.5* | [73] | [34] |  | [73] |
| *Eudyptula minor* | 1200 | 41.5i | 0.4 | 1.5 |  |  | [74] | [34] | [74] | [74] |
| *Eudyptula minor* | 1134.8 | 41.5i | 0.5 | 1.3 | *0.5* |  | [46] | [34] | [46] | [46] |
| *Eudyptula minor* | 1280 | 41.5i | 0.6 |  |  |  | [75] | [34] | [75] |  |
| *Fratercula arctica* | 425 | 40.1 | 0.5 | 1.9 |  | *1.9* | [36] | [34] | [36] | [36] |
| *Fratercula arctica* | 500 | 40.1 | 0.4 |  | *0.4* |  | [76] | [34] | [76] |  |
| *Fratercula cirrhata* | 900 | 39.4 | 0.8 | 1.3 | *0.8* | *1.3* | [33] | [34] | [46] | [46] |
| *Fulica americana* | 700 | 40.9 | 0.1 | 0.2 | *0.1* | *0.2* | [33] | [34] | [33] | [33] |
| *Fulica atra* | 900 | 40.9ii | 0.2 |  | *0.2* |  | [33] | [34] | [77] |  |
| *Fulmarus glacialis* | 703 | 41.5i |  | 0.1 |  | *0.1* | [78] | [34] |  | [79] |
| *Gavia adamsii* | 5200 | 39.0ii | 0.9 | 1.5 | *0.9* | *1.5* | [62] | [34] | [80] | [62] |
| *Gavia adamsii* | 5000 | 39.0ii | 1.1 |  |  |  | [33] | [34] | [81] |  |
| *Gavia arctica* | 270 | 39.0 | 0.8 | 1.0 | *0.8* |  | [33] | [34] | [82] | [82] |
| *Gavia arctica* | 2400 | 39.0 |  | 2.0 |  | *2.0* | [62] | [34] |  | [62] |
| *Gavia immer* | 3800 | 39.0ii | 0.7 | 2.1 | *0.7* | *2.1* | [33] | [34] | [46] | [46] |
| *Gavia stellata* | 1800 | 39.0ii | 0.4 |  | *0.4* |  | [33] | [34] | [77] |  |
| *Gavia stellata* | 1700 | 39.0ii |  | 1.5 |  | *1.5* | [62] | [34] |  | [62] |
| *Histrionicus histrionicus* | 800 | 41.5i | 0.3 |  | *0.3* |  | [33] | [34] | [83] |  |
| *Leucocarbo (Phal.) carunculatus* | 2500 | 41.5i | 2.1 | 3.2 | *2.1* | *3.2* | [33] | [34] | [84] | [84] |
| *Macronectes giganteus* | 3900 | 40.6 | 0.1 | 0.1 | *0.1* | *0.1* | [34] | [34] | [85] | [85] |
| *Megadyptes antipodes* | 5500 | 37.8 | 1.7 |  | *1.7* |  | [46] | [34] | [46] |  |
| *Melanitta fusca* | 1500 | 41.5i |  | 3.0 |  | *3.0* | [62] | [34] |  | [62] |
| *Melanitta nigra* | 1000 | 41.5i | 0.4 | 0.8 | *0.4* | *0.8* | [33] | [34] | [33] | [33] |
| *Melanitta perspicillata* | 1000 | 41.5i | 0.9 | 1.1 | *0.9* | *1.1* | [62] | [34] | [62] | [62] |
| *Mergus albellus* | 700 | 41.9ii | 0.3 | 0.8 | *0.3* | *0.8* | [62] | [34] | [63] | [62] |
| *Mergus merganser* | 1500 | 41.9ii | 0.4 | 2.0 | *0.4* | *2.0* | [62] | [34] | [63] | [62] |
| *Mergus serrator* | 1100 | 41.9 | 0.5 | 2.0 | *0.5* | *2.0* | [62] | [34] | [62] | [62] |
| *Morus bassanus* | 3000 | 41.5i | 0.1 | 0.7 | *0.1* | *0.7* | [46] | [34] | [46] | [46] |
| *Morus capensis* | 3000 | 41.5i | 0.1 | 0.5 | *0.1* | *0.5* | [86] | [34] | [46] | [46] |
| *Oxyura australis* | 800 | 42.2ii | 0.4 |  | *0.4* |  | [33] | [34] | [52] |  |
| *Oxyura dominica* | 400 | 42.2ii | 0.4 | 0.4 | *0.4* | *0.4* | [33] | [34] | [87] | [87] |
| *Oxyura jamaicensis* | 600 | 42.2 | 0.3 | 0.4 | *0.3* | *0.4* | [33] | [34] | [88] | [88] |
| *Oxyura leucocephala* | 700 | 42.2ii |  | 0.7 |  | *0.7* | [62] | [34] |  | [82] |
| *Pelecanoides urinatrix* | 150.5 | 41.5i | 0.3 | 0.4 | *0.3* | *0.4* | [46] | [34] | [46] | [46] |
| *Pelecanus occidentalis thagus* | 3740 | 42.2 | 0.0 |  | *0.0* |  | [34] | [34] | [89] |  |
| *Phalacororax capillatus - filamentosus)* | 2816.7 | 40.7ii | 0.7 |  |  |  | [90] | [34] | [90] |  |
| *Phalacororax capillatus - filamentosus)* | 2816 | 40.7ii | 0.5 |  |  |  | [91] | [34] | [91] |  |
| *Phalacororax capillatus - filamentosus)* | 3200 | 40.7ii | 0.5 |  | *0.5* |  | [92] | [34] | [92] |  |
| *Phalacororax capillatus - filamentosus)* | 2700 | 40.7ii | 0.4 |  |  |  | [92] | [34] | [92] |  |
| *Phalacororax capillatus - filamentosus)* | 3150 | 40.7ii | 0.6 | 1.7 |  |  | [93] | [34] | [93] | [93] |
| *Phalacororax capillatus - filamentosus)* | 3150 | 40.7ii | 0.8 | 1.8 |  |  | [93] | [34] | [93] | [93] |
| *Phalacororax capillatus - filamentosus)* | 3150 | 40.7ii | 0.6 | 1.8 |  |  | [93] | [34] | [93] | [93] |
| *Phalacororax capillatus - filamentosus)* | 3050 | 40.7ii | 0.5 | 1.5 |  |  | [93] | [34] | [93] | [93] |
| *Phalacororax capillatus - filamentosus)* | 3000 | 40.7ii | 0.6 | 2.4 |  | *2.4* | [93] | [34] | [93] | [93] |
| *Phalacororax capillatus - filamentosus)* | 2700 | 40.7ii | 0.4 | 1.0 |  |  | [93] | [34] | [93] | [93] |
| *Phalacororax capillatus - filamentosus)* | 2700 | 40.7ii | 0.4 | 0.9 |  |  | [93] | [34] | [93] | [93] |
| *Phalacororax capillatus - filamentosus)* | 2500 | 40.7ii | 0.3 | 0.8 |  |  | [93] | [34] | [93] | [93] |
| *Phalacororax capillatus - filamentosus)* | 2350 | 40.7ii | 0.4 | 1.2 |  |  | [93] | [34] | [93] | [93] |
| *Phalacororax capillatus - filamentosus)* | 2300 | 40.7ii | 0.5 | 1.3 |  |  | [93] | [34] | [93] | [93] |
| *Phalacrocorax africanus* | 577 | 40.7ii | 0.2 | 0.7 | *0.2* | *0.7* | [94] | [34] | [94] | [94] |
| *Phalacrocorax aristotelis* | 1754 | 40.7ii | 0.9 | 2.7 | *0.9* | *2.7* | [46] | [34] | [46] | [46] |
| *Phalacrocorax aristotelis* | 1741 | 40.7ii | 0.7 | 1.7 |  |  | [94] | [34] | [94] | [94] |
| *Phalacrocorax aristotelis* | 1903 | 40.7ii | 1.1 |  |  |  | [95] | [34] | [95] |  |
| *Phalacrocorax aristotelis* | 1597 | 40.7ii | 1.0 |  |  |  | [95] | [34] | [95] |  |
| *Phalacrocorax auritus* | 1700 | 41.3 | 0.4 | 0.6 | *0.4* | *0.6* | [34] | [34] | [94] | [96] |
| *Phalacrocorax bransfieldensis* | 2750 | 40.7ii | 0.9 | 2.9 | *0.9* | *2.9* | [33] | [34] | [46] | [46] |
| *Phalacrocorax brasilianus (previously olivaceus)* | 1680 | 40.7ii | 0.1 |  | *0.1* |  | [94] | [34] | [94] |  |
| *Phalacrocorax brasilianus (previously olivaceus)* | 1650 | 40.7ii | 0.3 | 0.7 | *0.3* | *0.7* | [97] | [34] | [97] | [97] |
| *Phalacrocorax capensis* | 1204 | 40.7ii | 0.4 |  | *0.4* |  | [94] | [34] | [94] |  |
| *Phalacrocorax carbo* | 3504 | 39.8 | 0.4 |  |  |  | [73] | [34] | [73] |  |
| *Phalacrocorax carbo* | 3500 | 39.8 | 0.7 | 1.0 |  |  | [98] | [34] | [98] | [98] |
| *Phalacrocorax carbo* | 3480 | 39.8 | 0.9 |  |  |  | [94] | [34] | [94] |  |
| *Phalacrocorax carbo* | 3240 | 39.8 | 0.3 |  |  |  | [75] | [34] | [75] |  |
| *Phalacrocorax carbo* | 2750 | 39.8 | 0.4 |  | *0.4* |  | [73] | [34] | [73] |  |
| *Phalacrocorax carbo* | 2630 | 39.8 | 0.3 |  |  |  | [75] | [34] | [75] |  |
| *Phalacrocorax carbo* | 2626 | 39.8 | 0.4 |  |  |  | [94] | [34] | [94] |  |
| *Phalacrocorax carbo* | 2127 | 39.8 | 0.5 | 1.2 |  |  | [94] | [34] | [94] | [94] |
| *Phalacrocorax carbo* | 2750 | 39.8 | 0.5 | 2.5 |  | *2.5* | [46] | [34] | [46] | [46] |
| *Phalacrocorax coronatus* | 760 | 40.7ii | 0.4 | 1.0 | *0.4* | *1.0* | [94] | [34] | [94] | [94] |
| *Phalacrocorax featherstoni* | 1000 | 40.7ii | 0.5 |  | *0.5* |  | [33] | [34] | [33] |  |
| *Phalacrocorax georgianus* | 2703 | 40.7ii | 3.3 | 5.2 |  |  | [99] | [34] | [99] | [99] |
| *Phalacrocorax georgianus* | 2390 | 40.7ii | 1.4 | 4.8 |  |  | [100] | [34] | [100] | [100] |
| *Phalacrocorax georgianus* | 2546 | 40.7ii | 2.7 | 6.3 | *2.7* | *6.3* | [101] | [34] | [101] | [101] |
| *Phalacrocorax lucidus* | 2884 | 40.7ii | 0.7 | 0.9 |  | *0.9* | [94] | [34] | [94] | [94] |
| *Phalacrocorax lucidus* | 2592 | 40.7ii | 0.2 | 0.5 |  |  | [94] | [34] | [94] | [94] |
| *Phalacrocorax lucidus* | 2738 | 40.7ii | 0.4 |  | *0.4* |  | [38] | [34] | [38] |  |
| *Phalacrocorax magellanicus* | 1475 | 40.7ii | 0.8 |  | *0.8* |  | [102] | [34] | [102] |  |
| *Phalacrocorax magellanicus* | 1475 | 40.7ii | 0.8 | 2.9 |  | *2.9* | [103] | [34] | [103] | [103] |
| *Phalacrocorax magellanicus* | 1475 | 40.7ii | 0.5 |  |  |  | [104] | [34] | [104] |  |
| *Phalacrocorax melanogenis* | 2454 | 40.7ii | 2.0 | 6.2 |  | *6.2* | [105] | [34] | [105] | [105] |
| *Phalacrocorax melanogenis* | 2230 | 40.7ii | 0.7 | 1.5 |  |  | [94] | [34] | [94] | [94] |
| *Phalacrocorax melanoleucos* | 780 | 40.7ii | 0.2 |  |  |  | [106] | [34] | [106] |  |
| *Phalacrocorax melanoleucos* | 731 | 40.7ii | 0.3 |  | *0.3* |  | [94] | [34] | [94] |  |
| *Phalacrocorax melanoleucos* | 1808 | 40.7ii | 0.3 |  |  |  | [107] | [34] | [107] |  |
| *Phalacrocorax neglectus* | 1945 | 40.7ii | 0.7 | 1.1 |  | *1.1* | [94] | [34] | [94] | [94] |
| *Phalacrocorax neglectus* | 1922 | 40.7ii | 0.5 | 0.6 | *0.5* |  | [94] | [34] | [94] | [94] |
| *Phalacrocorax pelagicus* | 1868 | 40.7ii | 0.7 | 1.2 | *0.7* | *1.2* | [33] | [34] | [108], [94] | [108] |
| *Phalacrocorax penicillatus* | 2500 | 40.7ii | 0.8 | 1.6 | *0.8* | *1.6* | [33] | [34] | [108], [94] | [108] |
| *Phalacrocorax punctatus* | 1275 | 40.7ii | 0.5 |  | *0.5* |  | [94] | [34] | [94] |  |
| *Phalacrocorax purpurascens* | 3200 | 40.7ii | 2.5 | 3.3 |  |  | [109] | [34] | [109] | [109] |
| *Phalacrocorax purpurascens* | 3100 | 40.7ii | 2.4 | 3.4 |  |  | [109] | [34] | [109] | [109] |
| *Phalacrocorax purpurascens* | 3000 | 40.7ii | 1.5 | 3.0 |  |  | [109] | [34] | [109] | [109] |
| *Phalacrocorax purpurascens* | 2910 | 40.7ii | 1.9 | 4.0 |  | *4.0* | [110] | [34] | [110] | [110] |
| *Phalacrocorax purpurascens* | 2900 | 40.7ii | 1.8 |  | *1.8* |  | [92] | [34] | [92] |  |
| *Phalacrocorax purpurascens* | 2520 | 40.7ii | 0.5 | 1.7 |  |  | [110] | [34] | [110] | [110] |
| *Phalacrocorax purpurascens* | 2500 | 40.7ii | 1.1 |  |  |  | [92] | [34] | [92] |  |
| *Phalacrocorax purpurascens* | 2480 | 40.7ii | 1.6 | 2.3 |  |  | [110] | [34] | [110] | [110] |
| *Phalacrocorax pygmaeus* | 700 | 40.7ii | 0.6 | 0.7 | *0.6* | *0.7* | [94] | [34] | [94] | [94] |
| *Phalacrocorax sulcirostris* | 865 | 40.7ii | 0.3 |  | *0.3* |  | [106] | [34] | [106] |  |
| *Phalacrocorax varius* | 1970 | 40.7ii | 0.4 |  |  |  | [106] | [34] | [106] |  |
| *Phalacrocorax varius* | 1814 | 40.7ii | 0.5 | 1.1 |  | *1.1* | [94] | [34] | [94] | [94] |
| *Phalacrocorax varius* | 1892 | 40.7ii | 0.4 |  | *0.4* |  | [107] | [34] | [107] |  |
| *Phalacrocorax verrucosus* | 3218 | 40.7ii |  | 6.7 |  | *6.7* | [111] | [34] |  | [111] |
| *Phalacrocorax verrucosus* | 2800 | 40.7ii |  | 5.6 |  |  | [111] | [34] |  | [111] |
| *Phalacrocorax verrucosus* | 2614 | 40.7ii |  | 5.0 |  |  | [111] | [34] |  | [111] |
| *Phalacrocorax verrucosus* | 1994 | 40.7ii |  | 3.3 |  |  | [111] | [34] |  | [111] |
| *Phalacrocorax verrucosus* | 1842 | 40.7ii |  | 3.3 |  |  | [111] | [34] |  | [111] |
| *Phalacrocorax verrucosus* | 1552 | 40.7ii |  | 1.8 |  |  | [111] | [34] |  | [111] |
| *Podiceps auritus* | 400 | 40.5 | 0.4 | 0.7 | *0.4* | *0.7* | [33] | [34] | [33] | [33] |
| *Podiceps cristatus* | 1000 | 40.4ii | 0.4 | 1.0 | *0.4* | *1.0* | [33] | [34] | [33] | [33] |
| *Podiceps grisegena* | 1100 | 40.4ii | 0.4 | 0.7 | *0.4* | *0.7* | [33] | [34] | [46] | [46] |
| *Podilymbus (Podiceps) nigricollis* | 300 | 40.5 | 0.4 | 0.8 | *0.4* | *0.8* | [62] | [34] | [33] | [62] |
| *Podilymbus (Podiceps) podiceps* | 400 | 39.3 | 0.3 | 0.5 | *0.3* | *0.5* | [33] | [34] | [33] | [33] |
| *Podilymbus (Podiceps) ruficollis* | 200 | 40.4ii | 0.2 |  | *0.2* |  | [33] | [34] | [33] |  |
| *Podilymbus gigas* | 830 | 39.3ii | 0.3 |  |  |  | [112] | [34] | [112] |  |
| *Podilymbus gigas* | 568 | 39.3ii | 0.4 |  | *0.4* |  | [112] | [34] | [112] |  |
| *Poliocephalus poliocephalus* | 250 | 42.0ii | 0.3 | 0.4 | *0.3* | *0.4* | [46] | [34] | [46] | [46] |
| *Procellaria aequinoctialis* | 1270 | 40.8 | 0.0 | 0.1 | *0.0* | *0.1* | [113] | [34] | [113] | [113] |
| *Ptychorhamphus aleuticus* | 188 | 41.5i | 0.4 | 1.2 | *0.4* | *1.2* | [46] | [34] | [46] | [46] |
| *Puffinus griseus* | 800 | 39.4ii | 0.1 |  | *0.1* |  | [33] | [34] | [46] |  |
| *Puffinus mauretanicus* | 450 | 39.4ii | 0.3 | 1.1 | *0.3* | *1.1* | [114] | [34] | [115] | [115] |
| *Puffinus tenuirostris* | 600 | 39.4ii |  | 0.2 |  | *0.2* | [33] | [34] |  | [33] |
| *Pygoscelis adeliae* | 4600 | 38.0 | 1.3 | 3.4 |  |  | [51] | [34] | [51] | [51] |
| *Pygoscelis adeliae* | 4550 | 38.0 | 1.9 | 2.3 |  |  | [116] | [34] | [116] | [116] |
| *Pygoscelis adeliae* | 4520 | 38.0 | 1.5 | 1.7 |  |  | [116] | [34] | [116] | [116] |
| *Pygoscelis adeliae* | 4266 | 38.0 | 1.2 | 1.7 |  |  | [117] | [34] | [117] | [117] |
| *Pygoscelis adeliae* | 4190 | 38.0 | 0.8 |  |  |  | [118] | [34] | [118] |  |
| *Pygoscelis adeliae* | 4040 | 38.0 | 0.5 |  |  |  | [118] | [34] | [118] |  |
| *Pygoscelis adeliae* | 4000 | 38.0 | 1.2 | 2.7 |  |  | [119] | [34] | [119] | [119] |
| *Pygoscelis adeliae* | 4000 | 38.0 | 1.4 |  |  |  | [120] | [34] | [120] |  |
| *Pygoscelis adeliae* | 4453 | 38.0 | 1.5 | 5.9 |  | *5.9* | [46] | [34] | [46] | [46] |
| *Pygoscelis antartica* | 4000 | 38.0ii | 1.5 |  | *1.5* |  | [121] | [34] | [121] |  |
| *Pygoscelis antartica* | 3800 | 38.0ii | 1.3 |  |  |  | [120] | [34] | [120] |  |
| *Pygoscelis antartica* | 3600 | 38.0ii | 1.6 | 2.6 |  |  | [122] | [34] | [122] | [122] |
| *Pygoscelis antartica* | 3100 | 38.0ii | 1.6 | 2.9 |  |  | [122] | [34] | [122] | [122] |
| *Pygoscelis antartica* | 3625 | 38.0ii | 1.2 | 3.7 |  | *3.7* | [46] | [34] | [46] | [46] |
| *Pygoscelis papua* | 5500 | 38.0ii | 1.4 |  |  |  | [120] | [34] | [120] |  |
| *Pygoscelis papua* | 5300 | 38.0ii | 2.1 | 3.2 | *2.1* |  | [121] | [34] | [121] | [121] |
| *Pygoscelis papua* | 5400 | 38.0ii | 3.0 | 6.3 |  | *6.3* | [46] | [34] | [46] | [46] |
| *Somateria mollissima* | 2100 | 41.5i | 0.6 | 1.0 | *0.6* | *1.0* | [33] | [34] | [63] | [63] |
| *Somateria spectabilis* | 1800 | 41.5i |  | 1.4 |  | *1.4* | [33] | [34] |  | [82] |
| *Spheniscus demersus* | 3000 | 41.5i | 0.8 | 2.4 |  | *2.4* | [46] | [34] | [46] | [46] |
| *Spheniscus demersus* | 3000 | 41.5i | 0.9 | 2.3 | *0.9* |  | [38] | [34] | [38] | [38] |
| *Spheniscus humboldti* | 4295 | 41.5i | 0.3 | 2.8 |  | *2.8* | [123] | [34] | [123] | [123] |
| *Spheniscus humboldti* | 4199 | 41.5i | 0.7 |  | *0.7* |  | [46] | [34] | [46] |  |
| *Spheniscus magellanicus* | 5000 | 41.5i | 0.9 |  | *0.9* |  | [33] | [34] | [46] |  |
| *Spheniscus mendiculus* | 2350 | 41.5i | 0.1 | 3.1 |  | *3.1* | [124] | [34] | [124] | [124] |
| *Spheniscus mendiculus* | 2130 | 41.5i | 0.2 | 1.9 | *0.2* |  | [124] | [34] | [124] | [124] |
| *Sula nebouxii* | 1723 | 41.0ii | 0.1 | 0.7 |  | *0.7* | [125] | [34] | [125] | [125] |
| *Sula nebouxii* | 1319 | 41.0ii | 0.1 | 0.5 | *0.1* |  | [125] | [34] | [125] | [125] |
| *Sula sula* | 915 | 41.0ii | 0.0 | 0.1 | *0.0* | *0.1* | [126] | [34] | [126] | [126] |
| *Sula variegata* | 1300 | 41.0ii | 0.1 | 0.3 | *0.1* | *0.3* | [33] | [34] | [46] | [46] |
| *Synthliboramphus hypoleucus* | 157 | 39.1 | 0.4 |  | *0.4* |  | [127] | [34] | [128] |  |
| *Tachybaptus dominicus* | 100 | 41.5i | 0.2 | 0.4 | *0.2* | *0.4* | [33] | [34] | [46] | [46] |
| *Tachybaptus novaehollandiae* | 150 | 41.5i | 0.3 | 0.4 | *0.3* | *0.4* | [129] | [34] | [129] | [129] |
| *Uria aalge* | 1092 | 41.6 | 1.1 | 3.4 | *1.1* | *3.4* | [36] | [34] | [36] | [36] |
| *Uria aalge* | 993 | 41.6 | 0.6 | 2.0 |  |  | [70] | [34] | [70] | [70] |
| *Uria aalge* | 1042 | 41.6 | 1.4 | 3.2 |  |  | [46] | [34] | [46] | [46] |
| *Uria lomvia* | 1150 | 39.0 | 0.9 | 3.7 |  |  | [130] | [34] | [130] | [130] |
| *Uria lomvia* | 1024 | 39.0 | 1.8 | 3.3 | *1.8* |  | [131] | [34] | [131] | [131] |
| *Uria lomvia* | 945 | 39.0 | 1.9 |  |  |  | [132] | [34] | [132] |  |
| *Uria lomvia* | 934 | 39.0 | 2.1 | 4.0 |  |  | [133] | [34] | [133] | [133] |
| *Uria lomvia* | 906 | 39.0 | 1.4 |  |  |  | [132] | [34] | [132] |  |
| *Uria lomvia* | 1000 | 39.0 | 1.6 | 4.1 |  | *4.1* | [46] | [34] | [46] | [46] |
|  |  |  |  |  |  |  |  |  |  |  |
| MAMMALS |  |  |  |  |  |  |  |  |  |  |
| *Aonyx capensis* | 13000 | 36.4[[3]](#endnote-3) | 0.4 |  | *0.4* |  | [134] | [34] | [134] |  |
| *Arctocephalus australis* | 35000 | 36.4iii | 2.8 | 7.1 | *2.8* | *7.1* | [33] | [34] | [135] | [135] |
| *Arctocephalus forsteri Female* | 40291 | 36.4iii | 2.5 | 11.2 | *2.5* | *11.2* | [136] | [34] | [136] | [136] |
| *Arctocephalus forsteri Juveniles* | 15300 | 36.4iii | 0.4 | 1.0 |  |  | [137] | [34] | [137] | [137] |
| *Arctocephalus forsteri Juveniles* | 18000 | 36.4iii | 0.5 | 2.3 |  |  | [137] | [34] | [137] | [137] |
| *Arctocephalus forsteri Juveniles* | 16600 | 36.4iii | 0.4 | 2.9 |  |  | [137] | [34] | [137] | [137] |
| *Arctocephalus forsteri Juveniles* | 15900 | 36.4iii | 0.3 | 0.9 |  |  | [137] | [34] | [137] | [137] |
| *Arctocephalus forsteri Juveniles* | 15800 | 36.4iii | 0.5 | 3.2 |  |  | [137] | [34] | [137] | [137] |
| *Arctocephalus forsteri Juveniles* | 18500 | 36.4iii | 0.4 | 1.3 | *0.4* |  | [137] | [34] | [137] | [137] |
| *Arctocephalus forsteri Juveniles* | 22600 | 36.4iii | 0.3 | 1.3 |  |  | [137] | [34] | [137] | [137] |
| *Arctocephalus forsteri Juveniles* | 18900 | 36.4iii | 0.3 | 1.1 |  |  | [137] | [34] | [137] | [137] |
| *Arctocephalus forsteri Juveniles* | 17500 | 36.4iii | 0.4 | 1.6 |  |  | [137] | [34] | [137] | [137] |
| *Arctocephalus forsteri Juveniles* | 14500 | 36.4iii | 0.4 | 1.9 |  |  | [137] | [34] | [137] | [137] |
| *Arctocephalus forsteri Juveniles* | 18800 | 36.4iii | 0.4 | 1.5 |  |  | [137] | [34] | [137] | [137] |
| *Arctocephalus forsteri Juveniles* | 19600 | 36.4iii | 0.4 | 1.8 |  |  | [137] | [34] | [137] | [137] |
| *Arctocephalus forsteri Juveniles* | 17900 | 36.4iii | 0.4 | 1.7 |  |  | [137] | [34] | [137] | [137] |
| *Arctocephalus forsteri Juveniles* | 19600 | 36.4iii | 0.3 | 1.5 |  |  | [137] | [34] | [137] | [137] |
| *Arctocephalus forsteri Juveniles* | 16000 | 36.4iii | 0.3 | 3.3 |  | *3.3* | [137] | [34] | [137] | [137] |
| *Arctocephalus forsteri Juveniles* | 17500 | 36.4iii | 0.5 | 2.4 |  |  | [137] | [34] | [137] | [137] |
| *Arctocephalus forsteri Juveniles* | 19400 | 36.4iii | 0.3 | 1.3 |  |  | [137] | [34] | [137] | [137] |
| *Arctocephalus forsteri Juveniles* | 16500 | 36.4iii | 0.5 | 2.8 |  |  | [137] | [34] | [137] | [137] |
| *Arctocephalus forsteri Juveniles* | 17600 | 36.4iii | 0.6 | 2.3 |  |  | [137] | [34] | [137] | [137] |
| *Arctocephalus forsteri Juveniles* | 16300 | 36.4iii | 0.4 | 2.2 |  |  | [137] | [34] | [137] | [137] |
| *Arctocephalus forsteri Juveniles* | 18500 | 36.4iii | 0.4 | 2.4 |  |  | [137] | [34] | [137] | [137] |
| *Arctocephalus forsteri Male* | 106400 | 36.4iii | 6.0 | 10.8 | *6.0* | *10.8* | [138] | [34] | [138] | [138] |
| *Arctocephalus galapagoensis Females* | 28830 | 36.4iii | 2.8 | 7.7 | *2.8* | *7.7* | [139] | [34] | [140] | [140] |
| *Arctocephalus galapagoensis Juveniles* | 10030 | 36.4iii | 0.1 | 1.0 |  |  | [139] | [34] | [139] | [139] |
| *Arctocephalus galapagoensis Juveniles* | 9560 | 36.4iii | 0.7 | 3.1 | *0.7* |  | [139] | [34] | [139] | [139] |
| *Arctocephalus galapagoensis Juveniles* | 10600 | 36.4iii | 0.6 | 3.3 |  |  | [139] | [34] | [139] | [139] |
| *Arctocephalus galapagoensis Juveniles* | 14850 | 36.4iii | 1.0 | 3.3 |  |  | [139] | [34] | [139] | [139] |
| *Arctocephalus galapagoensis Juveniles* | 15040 | 36.4iii | 0.9 | 3.8 |  |  | [139] | [34] | [139] | [139] |
| *Arctocephalus galapagoensis Juveniles* | 12980 | 36.4iii | 0.6 | 5.8 |  | *5.8* | [139] | [34] | [139] | [139] |
| *Arctocephalus galapagoensis Juveniles* | 15820 | 36.4iii | 0.7 | 4.3 |  |  | [139] | [34] | [139] | [139] |
| *Arctocephalus gazella Female* | 37000 | 36.4iii | 1.0 | 10.0 |  | *10.0* | [141] | [34] | [141] | [141] |
| *Arctocephalus gazella Female* | 42500 | 36.4iii | 1.0 | 3.5 |  |  | [141] | [34] | [141] | [141] |
| *Arctocephalus gazella Female* | 46000 | 36.4iii | 1.0 | 3.7 |  |  | [141] | [34] | [141] | [141] |
| *Arctocephalus gazella Female* | 39500 | 36.4iii | 0.8 | 6.5 |  |  | [141] | [34] | [141] | [141] |
| *Arctocephalus gazella Female* | 48000 | 36.4iii | 0.8 | 3.5 |  |  | [141] | [34] | [141] | [141] |
| *Arctocephalus gazella Female* | 45000 | 36.4iii | 1.2 | 4.2 |  |  | [141] | [34] | [141] | [141] |
| *Arctocephalus gazella Female* | 42000 | 36.4iii | 1.0 | 3.5 | *1.0* |  | [141] | [34] | [141] | [141] |
| *Arctocephalus gazella Female* | 38000 | 36.4iii | 0.8 | 3.7 |  |  | [141] | [34] | [141] | [141] |
| *Arctocephalus gazella Female* | 38000 | 36.4iii | 1.0 | 3.3 |  |  | [141] | [34] | [141] | [141] |
| *Arctocephalus gazella Female* | 36500 | 36.4iii | 1.0 | 2.8 |  |  | [141] | [34] | [141] | [141] |
| *Arctocephalus gazella Female* | 40500 | 36.4iii | 0.8 | 7.3 |  |  | [141] | [34] | [141] | [141] |
| *Arctocephalus gazella Female* | 29000 | 36.4iii | 0.8 |  |  |  | [142] | [34] | [142] |  |
| *Arctocephalus gazella Female* | 34500 | 36.4iii | 0.8 |  |  |  | [142] | [34] | [142] |  |
| *Arctocephalus gazella Female* | 33000 | 36.4iii | 1.4 |  |  |  | [142] | [34] | [142] |  |
| *Arctocephalus gazella Female* | 31000 | 36.4iii | 1.2 |  |  |  | [142] | [34] | [142] |  |
| *Arctocephalus gazella Female* | 32500 | 36.4iii | 0.4 |  |  |  | [142] | [34] | [142] |  |
| *Arctocephalus gazella Female* | 39500 | 36.4iii | 1.1 |  |  |  | [142] | [34] | [142] |  |
| *Arctocephalus gazella Female* | 29500 | 36.4iii | 0.3 |  |  |  | [142] | [34] | [142] |  |
| *Arctocephalus gazella Female* | 29500 | 36.4iii | 0.8 |  |  |  | [142] | [34] | [142] |  |
| *Arctocephalus gazella Female* | 37500 | 36.4iii | 0.7 |  |  |  | [142] | [34] | [142] |  |
| *Arctocephalus gazella Female* | 35000 | 36.4iii | 0.6 |  |  |  | [142] | [34] | [142] |  |
| *Arctocephalus gazella Female* | 35900 | 36.4iii | 1.1 |  |  |  | [143] | [34] | [143] |  |
| *Arctocephalus gazella Female* | 38700 | 36.4iii | 1.1 |  |  |  | [143] | [34] | [143] |  |
| *Arctocephalus gazella Female* | 38200 | 36.4iii | 1.2 |  |  |  | [143] | [34] | [143] |  |
| *Arctocephalus gazella Female* | 43100 | 36.4iii | 1.3 |  |  |  | [144] | [34] | [144] |  |
| *Arctocephalus gazella Female* | 31725 | 36.4iii | 1.6 | 5.3 |  |  | [145] | [34] | [145] | [145] |
| *Arctocephalus gazella Female* | 37400 | 36.4iii | 0.9 | 4.7 |  |  | [146] | [34] | [146] | [146] |
| *Arctocephalus gazella Female* | 34200 | 36.4iii | 0.7 | 4.2 |  |  | [146] | [34] | [146] | [146] |
| *Arctocephalus gazella Female* | 37500 | 36.4iii | 1.7 | 4.9 |  |  | [147] | [34] | [147] | [147] |
| *Arctocephalus gazella Female* | 37500 | 36.4iii | 0.9 |  |  |  | [148] | [34] | [148] |  |
| *Arctocephalus gazella Female* | 37500 | 36.4iii | 0.6 | 5.3 |  |  | [149] | [34] | [149] | [149] |
| *Arctocephalus gazella Female* | 37500 | 36.4iii | 1.0 | 7.8 |  |  | [149] | [34] | [149] | [149] |
| *Arctocephalus gazella Male* | 90000 | 36.4iii | 1.7 | 11.0 | *1.7* | *11.0* | [150] | [34] | [150] | [150] |
| *Arctocephalus philippi Female* | 50000 | 36.4iii | 0.8 | 3.7 | *0.8* | *3.7* | [46] | [34] | [151] | [151] |
| *Arctocephalus pusillus Female* | 70500 | 36.4iii | 3.4 | 4.8 |  |  | [152] | [34] | [152] | [152] |
| *Arctocephalus pusillus Female* | 69500 | 36.4iii | 2.6 | 6.1 |  |  | [152] | [34] | [152] | [152] |
| *Arctocephalus pusillus Female* | 73500 | 36.4iii | 2.7 | 5.2 |  |  | [152] | [34] | [152] | [152] |
| *Arctocephalus pusillus Female* | 63000 | 36.4iii | 3.0 | 6.0 |  |  | [152] | [34] | [152] | [152] |
| *Arctocephalus pusillus Female* | 92000 | 36.4iii | 3.6 | 6.9 |  |  | [152] | [34] | [152] | [152] |
| *Arctocephalus pusillus Female* | 92500 | 36.4iii | 3.7 | 7.1 |  |  | [152] | [34] | [152] | [152] |
| *Arctocephalus pusillus Female* | 78500 | 36.4iii | 3.3 | 6.9 |  |  | [152] | [34] | [152] | [152] |
| *Arctocephalus pusillus Female* | 93000 | 36.4iii | 3.1 | 6.3 | *3.1* |  | [152] | [34] | [152] | [152] |
| *Arctocephalus pusillus Female* | 67000 | 36.4iii | 2.0 | 7.0 |  |  | [152] | [34] | [152] | [152] |
| *Arctocephalus pusillus Female* | 77722 | 36.4iii | 3.0 | 8.9 |  | *8.9* | [46] | [34] | [46] | [46] |
| *Arctocephalus pusillus Male* | 210000 | 36.4iii | 2.4 | 6.8 | *2.4* | *6.8* | [153] | [34] | [153] | [153] |
| *Arctocephalus townsendi Female* | 49000 | 36.4iii | 2.5 | 5.0 | *2.5* | *5.0* | [154] | [34] | [154] | [154] |
| *Arctocephalus tropicalis Females* | 31720 | 36.4iii | 1.4 | 2.4 |  |  | [155] | [34] | [155] | [155] |
| *Arctocephalus tropicalis Females* | 31700 | 36.4iii | 1.2 | 1.8 |  |  | [155] | [34] | [155] | [155] |
| *Arctocephalus tropicalis Females* | 44000 | 36.4iii | 0.9 | 4.2 |  |  | [156] | [34] | [156] | [156] |
| *Arctocephalus tropicalis Females* | 33000 | 36.4iii | 0.7 | 3.3 |  |  | [156] | [34] | [156] | [156] |
| *Arctocephalus tropicalis Females* | 55000 | 36.4iii | 1.3 | 4.8 |  |  | [156] | [34] | [156] | [156] |
| *Arctocephalus tropicalis Females* | 58000 | 36.4iii | 1.3 | 5.3 |  |  | [156] | [34] | [156] | [156] |
| *Arctocephalus tropicalis Females* | 52000 | 36.4iii | 1.1 | 3.2 |  |  | [156] | [34] | [156] | [156] |
| *Arctocephalus tropicalis Females* | 39500 | 36.4iii | 1.1 | 3.8 | *1.1* |  | [156] | [34] | [156] | [156] |
| *Arctocephalus tropicalis Females* | 46500 | 36.4iii | 0.9 | 3.8 |  |  | [156] | [34] | [156] | [156] |
| *Arctocephalus tropicalis Females* | 51000 | 36.4iii | 1.4 | 4.0 |  |  | [156] | [34] | [156] | [156] |
| *Arctocephalus tropicalis Females* | 42000 | 36.4iii | 1.0 | 2.8 |  |  | [156] | [34] | [156] | [156] |
| *Arctocephalus tropicalis Females* | 51000 | 36.4iii | 0.9 | 3.3 |  |  | [156] | [34] | [156] | [156] |
| *Arctocephalus tropicalis Females* | 47500 | 36.4iii | 0.9 | 3.5 |  |  | [156] | [34] | [156] | [156] |
| *Arctocephalus tropicalis Females* | 57000 | 36.4iii | 1.5 | 4.3 |  |  | [156] | [34] | [156] | [156] |
| *Arctocephalus tropicalis Females* | 58000 | 36.4iii | 1.2 | 4.3 |  |  | [156] | [34] | [156] | [156] |
| *Arctocephalus tropicalis Females* | 48000 | 36.4iii | 1.2 | 3.2 |  |  | [156] | [34] | [156] | [156] |
| *Arctocephalus tropicalis Females* | 56000 | 36.4iii | 0.8 | 3.3 |  |  | [156] | [34] | [156] | [156] |
| *Arctocephalus tropicalis Females* | 47000 | 36.4iii | 1.2 | 4.8 |  |  | [156] | [34] | [156] | [156] |
| *Arctocephalus tropicalis Females* | 54000 | 36.4iii | 1.8 | 4.3 |  |  | [156] | [34] | [156] | [156] |
| *Arctocephalus tropicalis Females* | 53500 | 36.4iii | 1.1 | 5.7 |  |  | [156] | [34] | [156] | [156] |
| *Arctocephalus tropicalis Females* | 59000 | 36.4iii | 2.2 | 6.5 |  | *6.5* | [156] | [34] | [156] | [156] |
| *Arctocephalus tropicalis Females* | 32700 | 36.4iii | 0.7 | 3.7 |  |  | [146] | [34] | [146] | [146] |
| *Arctocephalus tropicalis Females* | 28600 | 36.4iii | 0.7 | 3.0 |  |  | [146] | [34] | [146] | [146] |
| *Balaena mysticetus* | 79400000 | 36.4iii | 5.0 | 63.0 | *5.0* | *63.0* | [33] | [34] | [33] | [33] |
| *Balaenoptera acutorostrata* | 7500000 | 36.6[[4]](#endnote-4) | 2.5 | 13.4 | *2.3* | *13.4* | [114] | [34] | [46] | [46] |
| *Balaenoptera borealis* | 23600000 | 36.6iv | 7.5 | 15.0 | *7.5* | *15.0* | [33] | [34] | [33] | [33] |
| *Balaenoptera edeni* | 20400000 | 36.6iv |  | 20.0 |  | *20.0* | [33] | [34] |  | [157] |
| *Balaenoptera musculus* | 92671000 | 36.6iv | 6.4 | 27.0 | *6.4* | *27.0* | [158] | [34] | [46] | [46] |
| *Balaenoptera physalus* | 52584000 | 36.6iv | 4.3 | 20.2 | *4.3* | *20.2* | [158] | [34] | [46] | [46] |
| *Berardius arnuxii* | 9000000 | 36.4iii | 46.4 | 153.0 | *46.4* | *153.0* | [159] | [34] | [159] | [159] |
| *Berardius bairdii* | 11000000 | 36.4iii | 17.9 | 67.0 | *17.9* | *67.0* | [46] | [34] | [46] | [46] |
| *Callorhinus ursinus females* | 36800 | 36.4iii | 2.2 | 4.8 | *2.2* |  | [160] | [34] | [160] | [160] |
| *Callorhinus ursinus females* | 45500 | 36.4iii | 2.3 | 6.0 |  |  | [160] | [34] | [160] | [160] |
| *Callorhinus ursinus females* | 41150 | 36.4iii | 1.5 | 7.6 |  | *7.6* | [46] | [34] | [46] | [46] |
| *Callorhinus ursinus Juveniles Males* | 38000 | 36.4iii | 1.5 | 5.4 |  |  | [161] | [34] | [161] | [161] |
| *Callorhinus ursinus Juveniles Males* | 51500 | 36.4iii | 1.7 | 7.3 |  |  | [161] | [34] | [161] | [161] |
| *Callorhinus ursinus Juveniles Males* | 50000 | 36.4iii | 1.2 | 8.5 |  |  | [161] | [34] | [161] | [161] |
| *Callorhinus ursinus Juveniles Males* | 71500 | 36.4iii | 1.9 | 6.8 |  |  | [161] | [34] | [161] | [161] |
| *Callorhinus ursinus Juveniles Males* | 38000 | 36.4iii | 1.3 | 9.0 |  |  | [161] | [34] | [161] | [161] |
| *Callorhinus ursinus Juveniles Males* | 44500 | 36.4iii | 1.1 | 5.8 |  |  | [161] | [34] | [161] | [161] |
| *Callorhinus ursinus Juveniles Males* | 56500 | 36.4iii | 1.2 | 7.1 |  |  | [161] | [34] | [161] | [161] |
| *Callorhinus ursinus Juveniles Males* | 29500 | 36.4iii | 1.5 | 6.7 |  |  | [161] | [34] | [161] | [161] |
| *Callorhinus ursinus Juveniles Males* | 28500 | 36.4iii | 1.6 | 9.9 |  | *9.9* | [161] | [34] | [161] | [161] |
| *Callorhinus ursinus Juveniles Males* | 59500 | 36.4iii | 1.8 | 9.3 |  |  | [161] | [34] | [161] | [161] |
| *Callorhinus ursinus Juveniles Males* | 47500 | 36.4iii | 1.3 | 7.3 | *1.3* |  | [161] | [34] | [161] | [161] |
| *Callorhinus ursinus Juveniles Males* | 27000 | 36.4iii | 1.1 | 5.3 |  |  | [161] | [34] | [161] | [161] |
| *Callorhinus ursinus Juveniles Males* | 25500 | 36.4iii | 0.6 | 3.9 |  |  | [161] | [34] | [161] | [161] |
| *Callorhinus ursinus Juveniles Males* | 51500 | 36.4iii | 1.4 | 6.5 |  |  | [161] | [34] | [161] | [161] |
| *Callorhinus ursinus Juveniles Males* | 43000 | 36.4iii | 1.4 | 3.6 |  |  | [161] | [34] | [161] | [161] |
| *Callorhinus ursinus Juveniles Males* | 37000 | 36.4iii | 0.8 | 3.9 |  |  | [161] | [34] | [161] | [161] |
| *Callorhinus ursinus Juveniles Males* | 47000 | 36.4iii | 0.8 | 5.3 |  |  | [161] | [34] | [161] | [161] |
| *Callorhinus ursinus Juveniles Males* | 48000 | 36.4iii | 0.7 | 5.0 |  |  | [161] | [34] | [161] | [161] |
| *Callorhinus ursinus Juveniles Males* | 28000 | 36.4iii | 0.8 | 7.0 |  |  | [161] | [34] | [161] | [161] |
| *Condylura cristata* | 51.5 | 37.7 | 0.2 | 0.8 | *0.2* | *0.8* | [162] | [34] | [162] | [162] |
| *Cystophora cristata* | 185500 | 36.4iii | 16.6 | 52.0 | *16.6* | *52.0* | [33] | [34] | [33] | [33] |
| *Delphinapterus leucas* | 1000000 | 36.4iii |  | 12.7 |  |  | [163] | [34] |  | [163] |
| *Delphinapterus leucas* | 450000 | 36.4iii |  | 15.8 |  |  | [164] | [34] |  | [164] |
| *Delphinapterus leucas* | 907000 | 36.4iii |  | 10.9 |  |  | [165] | [34] |  | [165] |
| *Delphinapterus leucas* | 645000 | 36.4iii |  | 13.3 |  |  | [165] | [34] |  | [165] |
| *Delphinapterus leucas* | 675000 | 36.4iii | 0.4 | 5.9 |  |  | [166] | [34] | [166] | [166] |
| *Delphinapterus leucas* | 670333 | 36.4iii | 13.1 | 22.9 | *13.1* | *22.9* | [46] | [34] | [46] | [46] |
| *Dugong dugon* | 475000 | 36.4iii | 2.3 | 12.3 | *2.3* | *12.3* | [167] | [34] | [168] | [168] |
| *Enhydra lutris* | 27700 | 38.5 | 1.3 | 4.0 | *1.3* | *4.0* | [169] | [34] | [46] | [46] |
| *Erignathus barbatus females* | 283000 | 37.2 |  | 25.0 |  | *25.0* | [170] | [34] |  | [170] |
| *Erignathus barbatus females* | 380000 | 37.2 | 1.8 | 9.2 |  |  | [171] | [34] | [171] | [171] |
| *Erignathus barbatus females* | 266000 | 37.2 | 1.5 | 9.7 |  |  | [171] | [34] | [171] | [171] |
| *Erignathus barbatus females* | 300000 | 37.2 | 2.0 | 16.5 | *2.0* |  | [171] | [34] | [171] | [171] |
| *Erignathus barbatus females* | 365000 | 37.2 | 2.7 | 18.7 |  | *18.7* | [171] | [34] | [171] | [171] |
| *Erignathus barbatus Juveniles* | 85070 | 37.2 |  | 15.0 |  | *15.0* | [33] | [34] |  | [172] |
| *Eschrichtus robustus* | 31800000 | 36.4iii | 3.0 | 11.5 | *3.0* | *11.5* | [33] | [34] | [33] | [33] |
| *Eubalaena glacialis* | 75000000 | 36.4iii | 2.4 | 22.7 | *2.4* | *22.7* | [33] | [34] | [173] | [173] |
| *Eumetopias jubatus* | 273000 | 36.4iii | 1.7 | 8.0 | *1.7* |  | [33] | [34] | [174] | [174] |
| *Globicephala macrorhynchus* | 1500000 | 35.8iv | 1.6 | 12.8 | *1.6* | *12.8* | [46] | [34] | [46] | [46] |
| *Globicephala melas* | 1500000 | 35.8iv | 4.6 | 28.0 | *4.6* | *28.0* | [46] | [34] | [46] | [46] |
| *Halichoerus grypus Females* | 159600 | 36.4iii |  | 10.0 |  |  | [175] | [34] |  | [175] |
| *Halichoerus grypus Females* | 237000 | 36.4iii | 1.8 | 9.2 |  |  | [176] | [34] | [176] | [176] |
| *Halichoerus grypus Females* | 170000 | 36.4iii | 1.9 | 4.8 | *1.9* |  | [176] | [34] | [176] | [176] |
| *Halichoerus grypus Females* | 218000 | 36.4iii | 2.4 | 7.7 |  |  | [176] | [34] | [176] | [176] |
| *Halichoerus grypus Females* | 171000 | 36.4iii | 0.9 | 3.5 |  |  | [176] | [34] | [176] | [176] |
| *Halichoerus grypus Females* | 212000 | 36.4iii | 1.7 | 4.7 |  |  | [176] | [34] | [176] | [176] |
| *Halichoerus grypus Females* | 208000 | 36.4iii | 0.3 | 0.8 |  |  | [176] | [34] | [176] | [176] |
| *Halichoerus grypus Females* | 171000 | 36.4iii | 1.6 | 4.7 |  |  | [176] | [34] | [176] | [176] |
| *Halichoerus grypus Females* | 172030 | 36.4iii | 5.5 | 22.0 |  | *22.0* | [177] | [34] | [177] | [177] |
| *Halichoerus grypus Females* | 210710 | 36.4iii | 6.7 |  |  |  | [178] | [34] | [178] |  |
| *Halichoerus grypus Females* | 210130 | 36.4iii | 6.5 |  |  |  | [179] | [34] | [179] |  |
| *Halichoerus grypus Males* | 243960 | 36.4iii | 4.9 | 20.3 | *4.9* | *20.3* | [177] | [34] | [177] | [177] |
| *Halichoerus grypus Males* | 305120 | 36.4iii | 5.4 |  |  |  | [178] | [34] | [178] |  |
| *Halichoerus grypus Males* | 306610 | 36.4iii | 4.7 |  |  |  | [179] | [34] | [179] |  |
| *Halichoerus grypus Males* | 300300 | 36.4iii | 3.8 |  |  |  | [180] | [34] | [180] |  |
| *Hydrurga leptonyx* | 197500 | 36.4iii | 2.0 | 9.4 | *2.0* | *9.4* | [181] | [34] | [181] | [181] |
| *Hyperodon ampullatus* | 6650000 | 36.4iii | 11.2 | 29.5 | *11.2* | *29.5* | [182] | [34] | [182] | [182] |
| *Inia geoffrensis* | 120000 | 36.4iii | 0.8 |  | *0.8* |  | [183] | [34] | [183] |  |
| *Kogia sima* | 250000 | 36.4iii | 12.9 | 52.2 | *12.9* | *52.2* | [184] | [34] | [184] | [184] |
| *Lagenorhynchus acutus* | 161000 | 36.4iii | 0.6 | 1.1 | *0.6* | *1.1* | [185] | [34] | [185] | [185] |
| *Leptonichotes wedelli Females* | 330000 | 36.4iii | 28.2 | 62.4 | *28.2* | *62.4* | [186] | [34] | [46] | [46] |
| *Leptonichotes wedelli Females* | 359800 | 36.4iii | 12.7 | 38.0 |  |  | [187] | [34] | [187] | [187] |
| *Leptonichotes wedelli Juveniles* | 168000 | 36.4iii |  | 33.0 |  | *33.0* | [188] | [34] |  | [188] |
| *Leptonichotes wedelli Juveniles* | 96500 | 36.4iii | 5.7 | 13.0 |  |  | [187] | [34] | [187] | [187] |
| *Leptonichotes wedelli Juveniles* | 132000 | 36.4iii | 7.3 | 16.0 | *7.3* |  | [187] | [34] | [187] | [187] |
| *Lipotes vexillifer* | 95000 | 36.4iii |  | 2.3 |  | *2.3* | [33] | [34] |  | [189] |
| *Lissodelphis borealis* | 97500 | 36.4iii |  | 6.3 |  | *6.3* | [33] | [34] |  | [33] |
| *Lobodon carcinophagus* | 201300 | 36.4iii | 5.3 | 10.8 | *5.3* | *10.8* | [33] | [34] | [190] | [190] |
| *Lutra lutra* | 5400 | 38.1 | 0.7 |  | *0.7* |  | [46] | [34] | [46] |  |
| *Megaptera novaeangliae* | 32700000 | 36.4iii | 6.5 | 21.1 | *3.0* | *21.1* | [191] | [34] | [46] | [46] |
| *Mesoplodon densirostris* | 900000 | 36.4iii | 27.4 | 57.4 | *27.4* | *57.4* | [46] | [34] | [46] | [46] |
| *Mesoplodon peruvianus* | 800000 | 36.4iii | 22.4 | 37.2 | *22.4* | *37.2* | [184] | [34] | [184] | [184] |
| *Mirounga angustirostris Females* | 307500 | 38.1 | 22.5 | 119.0 |  | *119.0* | [46] | [34] | [46] | [46] |
| *Mirounga angustirostris Females* | 247000 | 38.1 | 12.9 | 23.3 |  |  | [192] | [34] | [192] | [192] |
| *Mirounga angustirostris Females* | 253000 | 38.1 | 16.4 | 30.6 |  |  | [192] | [34] | [192] | [192] |
| *Mirounga angustirostris Females* | 307000 | 38.1 | 20.5 | 35.9 |  |  | [192] | [34] | [192] | [192] |
| *Mirounga angustirostris Females* | 325000 | 38.1 | 19.4 | 35.8 |  |  | [192] | [34] | [192] | [192] |
| *Mirounga angustirostris Females* | 300000 | 38.1 | 17.2 | 35.2 |  |  | [192] | [34] | [192] | [192] |
| *Mirounga angustirostris Females* | 348000 | 38.1 | 18.2 | 32.4 |  |  | [192] | [34] | [192] | [192] |
| *Mirounga angustirostris Females* | 401000 | 38.1 | 22.0 | 47.7 |  |  | [192] | [34] | [192] | [192] |
| *Mirounga angustirostris Females* | 399000 | 38.1 | 20.8 | 44.5 | *20.8* |  | [192] | [34] | [192] | [192] |
| *Mirounga angustirostris Females* | 242000 | 38.1 | 17.1 | 33.5 |  |  | [193] | [34] | [193] | [193] |
| *Mirounga angustirostris Females* | 291000 | 38.1 | 18.2 | 44.4 |  |  | [194] | [34] | [194] | [194] |
| *Mirounga angustirostris Females* | 292000 | 38.1 | 20.2 | 47.5 |  |  | [194] | [34] | [194] | [194] |
| *Mirounga angustirostris Females* | 304000 | 38.1 | 21.4 | 41.8 |  |  | [194] | [34] | [194] | [194] |
| *Mirounga angustirostris Females* | 316000 | 38.1 | 20.3 | 62.0 |  |  | [194] | [34] | [194] | [194] |
| *Mirounga angustirostris Females* | 384000 | 38.1 | 22.5 | 50.1 |  |  | [194] | [34] | [194] | [194] |
| *Mirounga angustirostris Females* | 369000 | 38.1 | 18.0 | 38.0 |  |  | [195] | [34] | [195] | [195] |
| *Mirounga angustirostris Females* | 279000 | 38.1 | 17.8 | 39.0 |  |  | [195] | [34] | [195] | [195] |
| *Mirounga angustirostris Females* | 307000 | 38.1 | 20.8 | 56.7 |  |  | [195] | [34] | [195] | [195] |
| *Mirounga angustirostris Females* | 390000 | 38.1 | 23.4 | 47.0 |  |  | [195] | [34] | [195] | [195] |
| *Mirounga angustirostris Females* | 375000 | 38.1 | 22.9 | 54.0 |  |  | [195] | [34] | [195] | [195] |
| *Mirounga angustirostris Females* | 340000 | 38.1 | 22.3 | 55.3 |  |  | [195] | [34] | [195] | [195] |
| *Mirounga angustirostris Females* | 348000 | 38.1 | 23.9 | 54.5 |  |  | [195] | [34] | [195] | [195] |
| *Mirounga angustirostris Females* | 394000 | 38.1 | 24.2 | 106.0 |  |  | [195] | [34] | [195] | [195] |
| *Mirounga angustirostris Females* | 256000 | 38.1 | 16.0 | 40.5 |  |  | [195] | [34] | [195] | [195] |
| *Mirounga angustirostris Females* | 308000 | 38.1 | 21.7 | 68.0 |  |  | [195] | [34] | [195] | [195] |
| *Mirounga angustirostris Females* | 330000 | 38.1 | 23.3 | 75.5 |  |  | [195] | [34] | [195] | [195] |
| *Mirounga angustirostris Females* | 301000 | 38.1 | 21.3 | 59.5 |  |  | [195] | [34] | [195] | [195] |
| *Mirounga angustirostris Females* | 254000 | 38.1 | 21.3 | 65.5 |  |  | [195] | [34] | [195] | [195] |
| *Mirounga angustirostris Females* | 263000 | 38.1 | 14.9 | 22.2 |  |  | [196] | [34] | [196] | [196] |
| *Mirounga angustirostris Juveniles* | 188650 | 38.1 | 12.4 |  |  |  | [197] | [34] | [197] |  |
| *Mirounga angustirostris Juveniles* | 174800 | 38.1 | 14.0 |  |  |  | [197] | [34] | [197] |  |
| *Mirounga angustirostris Juveniles* | 193280 | 38.1 | 11.8 |  |  |  | [197] | [34] | [197] |  |
| *Mirounga angustirostris Juveniles* | 128400 | 38.1 | 18.0 | 35.0 |  |  | [198] | [34] | [198] | [198] |
| *Mirounga angustirostris Juveniles* | 115400 | 38.1 | 15.8 | 45.5 |  |  | [198] | [34] | [198] | [198] |
| *Mirounga angustirostris Juveniles* | 134000 | 38.1 | 13.3 | 38.0 |  |  | [198] | [34] | [198] | [198] |
| *Mirounga angustirostris Juveniles* | 127000 | 38.1 | 14.1 | 47.0 |  |  | [198] | [34] | [198] | [198] |
| *Mirounga angustirostris Juveniles* | 133000 | 38.1 | 13.4 | 33.5 |  |  | [198] | [34] | [198] | [198] |
| *Mirounga angustirostris Juveniles* | 127000 | 38.1 | 14.0 | 29.0 | *14.0* |  | [198] | [34] | [198] | [198] |
| *Mirounga angustirostris Juveniles* | 110700 | 38.1 | 14.0 | 29.5 |  |  | [198] | [34] | [198] | [198] |
| *Mirounga angustirostris Juveniles* | 113000 | 38.1 | 13.5 | 86.0 |  | *86.0* | [198] | [34] | [198] | [198] |
| *Mirounga angustirostris Juveniles* | 155000 | 38.1 | 17.6 | 42.5 |  |  | [198] | [34] | [198] | [198] |
| *Mirounga angustirostris Juveniles* | 149000 | 38.1 | 16.1 | 37.0 |  |  | [198] | [34] | [198] | [198] |
| *Mirounga angustirostris Juveniles* | 162000 | 38.1 | 20.0 | 65.0 |  |  | [198] | [34] | [198] | [198] |
| *Mirounga angustirostris Juveniles* | 84200 | 38.1 | 12.1 | 26.5 |  |  | [198] | [34] | [198] | [198] |
| *Mirounga angustirostris Juveniles* | 93200 | 38.1 | 13.3 | 40.0 |  |  | [198] | [34] | [198] | [198] |
| *Mirounga angustirostris Juveniles* | 114900 | 38.1 | 15.3 | 31.5 |  |  | [198] | [34] | [198] | [198] |
| *Mirounga angustirostris Juveniles* | 128400 | 38.1 | 10.6 | 30.5 |  |  | [198] | [34] | [198] | [198] |
| *Mirounga angustirostris Juveniles* | 104600 | 38.1 | 13.2 | 32.5 |  |  | [198] | [34] | [198] | [198] |
| *Mirounga angustirostris Juveniles* | 88000 | 38.1 | 13.6 | 29.0 |  |  | [198] | [34] | [198] | [198] |
| *Mirounga angustirostris Juveniles* | 171000 | 38.1 | 17.5 | 28.0 |  |  | [198] | [34] | [198] | [198] |
| *Mirounga angustirostris Juveniles* | 174200 | 38.1 | 20.5 | 53.0 |  |  | [198] | [34] | [198] | [198] |
| *Mirounga angustirostris Juveniles* | 153000 | 38.1 | 17.9 | 53.5 |  |  | [198] | [34] | [198] | [198] |
| *Mirounga angustirostris Males* | 1175000 | 38.1 | 22.6 | 89.0 | *22.6* | *89.0* | [195] | [34] | [46] | [46] |
| *Mirounga leonina Females* | 402000 | 38.1 | 29.1 | 58.6 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 362000 | 38.1 | 30.9 | 78.5 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 342000 | 38.1 | 33.7 | 120.0 |  | *120.0* | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 302000 | 38.1 | 16.0 | 54.5 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 422000 | 38.1 | 36.9 | 78.5 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 333000 | 38.1 | 25.7 | 52.0 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 387000 | 38.1 | 28.8 | 76.0 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 278000 | 38.1 | 20.1 | 68.0 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 304000 | 38.1 | 21.7 | 53.5 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 282000 | 38.1 | 18.3 | 55.5 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 339000 | 38.1 | 19.9 | 56.5 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 400000 | 38.1 | 28.9 | 79.5 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 430000 | 38.1 | 32.2 | 98.5 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 392000 | 38.1 | 35.4 | 66.0 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 295000 | 38.1 | 21.4 | 66.0 | *21.4* |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 422000 | 38.1 | 21.4 | 53.0 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 462000 | 38.1 | 21.3 | 50.0 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 366000 | 38.1 | 22.3 | 42.0 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 425000 | 38.1 | 19.5 | 52.5 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 390000 | 38.1 | 21.1 | 57.0 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 344000 | 38.1 | 20.7 | 60.0 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 367000 | 38.1 | 17.0 | 40.5 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 298000 | 38.1 | 19.0 | 54.0 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Females* | 402000 | 38.1 | 29.1 | 58.6 |  |  | [200] | [34] | [200] | [200] |
| *Mirounga leonina Females* | 362000 | 38.1 | 30.9 | 78.5 |  |  | [200] | [34] | [200] | [200] |
| *Mirounga leonina Females* | 342000 | 38.1 | 33.7 | 120.0 |  |  | [200] | [34] | [200] | [200] |
| *Mirounga leonina Females* | 320000 | 38.1 | 16.0 | 54.5 |  |  | [200] | [34] | [200] | [200] |
| *Mirounga leonina Females* | 422000 | 38.1 | 36.9 | 78.5 |  |  | [200] | [34] | [200] | [200] |
| *Mirounga leonina Females* | 295000 | 38.1 | 21.4 | 66.0 |  |  | [200] | [34] | [200] | [200] |
| *Mirounga leonina Females* | 422000 | 38.1 | 21.3 | 53.0 |  |  | [200] | [34] | [200] | [200] |
| *Mirounga leonina Females* | 462000 | 38.1 | 21.3 | 50.0 |  |  | [200] | [34] | [200] | [200] |
| *Mirounga leonina Females* | 366000 | 38.1 | 22.3 | 42.0 |  |  | [200] | [34] | [200] | [200] |
| *Mirounga leonina Females* | 425000 | 38.1 | 19.5 | 52.5 |  |  | [200] | [34] | [200] | [200] |
| *Mirounga leonina Females* | 239000 | 38.1 | 17.5 |  |  |  | [201] | [34] | [201] |  |
| *Mirounga leonina Females* | 303000 | 38.1 | 20.9 |  |  |  | [201] | [34] | [201] |  |
| *Mirounga leonina Females* | 452000 | 38.1 | 21.1 |  |  |  | [201] | [34] | [201] |  |
| *Mirounga leonina Females* | 456000 | 38.1 | 21.7 |  |  |  | [201] | [34] | [201] |  |
| *Mirounga leonina Females* | 334000 | 38.1 | 16.7 |  |  |  | [201] | [34] | [201] |  |
| *Mirounga leonina Females* | 309000 | 38.1 | 21.7 |  |  |  | [201] | [34] | [201] |  |
| *Mirounga leonina Females* | 323000 | 38.1 | 21.3 |  |  |  | [201] | [34] | [201] |  |
| *Mirounga leonina Females* | 367000 | 38.1 | 15.7 |  |  |  | [201] | [34] | [201] |  |
| *Mirounga leonina Females* | 295000 | 38.1 | 21.6 |  |  |  | [201] | [34] | [201] |  |
| *Mirounga leonina Females* | 362857 | 38.1 | 18.5 | 102.0 |  |  | [46] | [34] | [46] | [46] |
| *Mirounga leonina Males* | 1711000 | 38.1 | 25.2 | 63.0 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Males* | 2122000 | 38.1 | 21.6 | 88.5 |  | *88.5* | [199] | [34] | [199] | [199] |
| *Mirounga leonina Males* | 1657000 | 38.1 | 27.6 | 62.5 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Males* | 2143000 | 38.1 | 26.7 | 73.5 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Males* | 1733000 | 38.1 | 22.3 | 67.5 | *22.3* |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Males* | 1275000 | 38.1 | 22.0 | 78.5 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Males* | 2008000 | 38.1 | 31.9 | 59.5 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Males* | 3600000 | 38.1 | 22.1 | 78.5 |  |  | [199] | [34] | [199] | [199] |
| *Mirounga leonina Males* | 3600000 | 38.1 | 22.1 | 78.5 |  |  | [200] | [34] | [200] | [200] |
| *Mirounga leonina Males* | 1711000 | 38.1 | 25.2 | 63.0 |  |  | [200] | [34] | [200] | [200] |
| *Mirounga leonina Males* | 2122000 | 38.1 | 21.6 | 88.5 |  |  | [200] | [34] | [200] | [200] |
| *Mirounga leonina Males* | 1657000 | 38.1 | 27.6 | 62.5 |  |  | [200] | [34] | [200] | [200] |
| *Monachus monachus* | 320000 | 36.4iii | 6.4 | 18.0 | *6.4* | *18.0* | [202] | [34] | [202] | [202] |
| *Monodon monoceros* | 1042857 | 36.4iii | 3.8 | 26.2 | *3.8* | *26.2* | [33] | [34] | [33] | [33] |
| *Neomys fodiens* | 16.0 | 37.3 |  | 0.2 |  | *0.2* | [203] | [34] |  | [203] |
| *Neophoca cinerea females* | 84500 | 36.4iii | 3.4 |  |  |  | [204] | [34] | [204] |  |
| *Neophoca cinerea females* | 72900 | 36.4iii | 3.0 |  |  |  | [204] | [34] | [204] |  |
| *Neophoca cinerea females* | 88200 | 36.4iii | 3.3 | 7.5 | *3.3* | *7.5* | [205] | [34] | [205] | [205] |
| *Neophoca cinerea females* | 84500 | 36.4iii | 3.6 |  |  |  | [204] | [34] | [204] |  |
| *Neophoca cinerea Juveniles* | 30000 | 36.4iii | 0.4 | 2.7 |  |  | [205] | [34] | [205] | [205] |
| *Neophoca cinerea Juveniles* | 44500 | 36.4iii | 3.2 | 5.8 |  |  | [205] | [34] | [205] | [205] |
| *Neophoca cinerea Juveniles* | 48300 | 36.4iii | 2.8 | 5.8 | *2.8* |  | [205] | [34] | [205] | [205] |
| *Neophoca cinerea Juveniles* | 65000 | 36.4iii | 2.8 | 9.0 |  | *9.0* | [205] | [34] | [205] | [205] |
| *Neophocaena phocaenoides* | 40000 | 36.4iii | 0.3 | 2.5 | *0.3* | *2.5* | [46] | [34] | [206] | [206] |
| *Odobenus rosmarus Males* | 1347250 | 36.4 | 5.6 | 24.0 | *5.6* | *24.0* | [207] | [34] | [46] | [46] |
| *Omatophoca rossi* | 180000 | 36.4iii | 8.5 | 9.8 |  | *9.8* | [46] | [34] | [46] | [46] |
| *Omatophoca rossi* | 160000 | 36.4iii | 6.5 |  | *6.5* |  | [208] | [34] | [208] |  |
| *Ondatra zibethicus* | 787.6 | 37.4 | 0.5 | 1.5 | *0.5* | *1.5* | [209] | [34] | [209] | [209] |
| *Orcaella brevirostris* | 155000 | 36.4iii | 1.9 | 7.2 | *1.9* | *7.2* | [33] | [34] | [210] | [210] |
| *Orcinus orca Females* | 5000000 | 36.4iii |  | 2.1 |  | *2.1* | [46] | [34] |  | [211] |
| *Orcinus orca Males* | 6000000 | 36.4iii | 2.8 | 7.7 | *2.8* | *7.7* | [46] | [34] | [46] | [46] |
| *Ornithorhynchus anatinus* | 1790 | 32.1 | 0.5 | 2.3 |  |  | [212] | [34] | [212] | [212] |
| *Ornithorhynchus anatinus* | 2020 | 32.1 | 0.6 |  | *0.6* |  | [213] | [34] | [213] |  |
| *Ornithorhynchus anatinus* | 1300 | 32.1 | 0.5 |  |  |  | [213] | [34] | [213] |  |
| *Ornithorhynchus anatinus* | 1300 | 32.1 | 0.6 |  |  |  | [213] | [34] | [213] |  |
| *Ornithorhynchus anatinus* | 1602 | 32.1 | 0.8 | 10.0 |  | *10.0* | [33] | [34] | [33] | [33] |
| *Otaria flavescens Females* | 120500 | 36.4iii | 1.9 | 7.2 |  |  | [214] | [34] | [214] | [214] |
| *Otaria flavescens Females* | 131000 | 36.4iii | 2.1 | 5.7 |  |  | [215] | [34] | [215] | [215] |
| *Otaria flavescens Females* | 165000 | 36.4iii | 2.3 | 7.3 |  |  | [215] | [34] | [215] | [215] |
| *Otaria flavescens Females* | 121000 | 36.4iii | 2.5 | 4.4 |  |  | [215] | [34] | [215] | [215] |
| *Otaria flavescens Females* | 120000 | 36.4iii | 2.8 | 6.5 |  |  | [215] | [34] | [215] | [215] |
| *Otaria flavescens Females* | 120000 | 36.4iii | 3.2 | 7.7 |  | *7.7* | [215] | [34] | [215] | [215] |
| *Otaria flavescens Females* | 100000 | 36.4iii | 2.3 | 5.2 | *2.3* |  | [215] | [34] | [215] | [215] |
| *Pagophilus groenlandica Females* | 131000 | 36.4iii | 8.1 | 15.0 | *8.1* | *15.0* | [216] | [34] | [216] | [216] |
| *Pagophilus groenlandica Females* | 123000 | 36.4iii | 3.2 | 13.0 |  |  | [217] | [34] | [217] | [217] |
| *Phoca hispida females* | 103000 | 36.4iii | 7.4 | 26.4 |  | *26.4* | [218] | [34] | [218] | [218] |
| *Phoca hispida females* | 80000 | 36.4iii | 6.2 | 22.6 |  |  | [218] | [34] | [218] | [218] |
| *Phoca hispida females* | 51000 | 36.4iii | 2.0 | 18.9 |  |  | [218] | [34] | [218] | [218] |
| *Phoca hispida females* | 76000 | 36.4iii | 8.1 | 21.6 |  |  | [218] | [34] | [218] | [218] |
| *Phoca hispida females* | 62500 | 36.4iii | 7.1 | 22.8 | *7.1* |  | [219] | [34] | [219] | [219] |
| *Phoca hispida Juveniles* | 39000 | 36.4iii | 1.4 | 5.4 |  |  | [218] | [34] | [218] | [218] |
| *Phoca hispida Juveniles* | 16000 | 36.4iii | 1.1 | 1.5 |  |  | [218] | [34] | [218] | [218] |
| *Phoca hispida Juveniles* | 37000 | 36.4iii | 2.2 | 11.5 |  |  | [218] | [34] | [218] | [218] |
| *Phoca hispida Juveniles* | 30000 | 36.4iii | 2.3 | 9.1 |  |  | [218] | [34] | [218] | [218] |
| *Phoca hispida Juveniles* | 17200 | 36.4iii | 1.2 | 12.0 | *1.2* | *12.0* | [217] | [34] | [217] | [217] |
| *Phoca hispida Juveniles* | 15800 | 36.4iii | 0.7 | 7.5 |  |  | [217] | [34] | [217] | [217] |
| *Phoca hispida Juveniles* | 17100 | 36.4iii | 0.9 | 5.8 |  |  | [217] | [34] | [217] | [217] |
| *Phoca hispida Males* | 95000 | 36.4iii | 2.0 | 22.3 |  |  | [218] | [34] | [218] | [218] |
| *Phoca hispida Males* | 80000 | 36.4iii | 2.6 | 23.2 |  | *23.2* | [218] | [34] | [218] | [218] |
| *Phoca hispida Males* | 57000 | 36.4iii | 8.2 | 16.8 |  |  | [218] | [34] | [218] | [218] |
| *Phoca hispida Males* | 66000 | 36.4iii | 5.5 | 13.4 |  |  | [218] | [34] | [218] | [218] |
| *Phoca hispida Males* | 48000 | 36.4iii | 5.6 | 15.2 | *5.6* |  | [218] | [34] | [218] | [218] |
| *Phoca hispida Males* | 70000 | 36.4iii | 9.0 | 21.4 |  |  | [218] | [34] | [218] | [218] |
| *Phoca hispida Males* | 61000 | 36.4iii | 4.3 | 17.1 |  |  | [219] | [34] | [219] | [219] |
| *Phoca hispida Males* | 70000 | 36.4iii | 5.6 | 21.0 |  |  | [219] | [34] | [219] | [219] |
| *Phoca hispida Males* | 58000 | 36.4iii | 4.0 | 12.3 |  |  | [219] | [34] | [219] | [219] |
| *Phoca hispida Males* | 57000 | 36.4iii | 6.3 | 18.6 |  |  | [219] | [34] | [219] | [219] |
| *Phoca sibirica females* | 54600 | 36.4iii | 5.7 |  | *5.7* |  | [220] | [34] | [220] |  |
| *Phoca sibirica females* | 54600 | 36.4iii | 5.6 |  |  |  | [220] | [34] | [220] |  |
| *Phoca sibirica females* | 72800 | 36.4iii | 5.4 |  |  |  | [220] | [34] | [220] |  |
| *Phoca sibirica females* | 72800 | 36.4iii | 8.2 |  |  |  | [220] | [34] | [220] |  |
| *Phoca sibirica Juveniles* | 28500 | 36.4iii | 4.0 |  | *4.0* |  | [221] | [34] | [221] |  |
| *Phoca vitulina Females* | 58100 | 36.4iii | 3.5 | 5.6 |  |  | [222] | [34] | [222] | [222] |
| *Phoca vitulina Females* | 66900 | 36.4iii | 5.1 | 7.0 |  |  | [222] | [34] | [222] | [222] |
| *Phoca vitulina Females* | 62600 | 36.4iii | 2.5 | 4.5 |  |  | [222] | [34] | [222] | [222] |
| *Phoca vitulina Females* | 88900 | 36.4iii | 7.0 | 10.3 |  |  | [222] | [34] | [222] | [222] |
| *Phoca vitulina Females* | 83500 | 36.4iii | 6.0 | 9.8 |  |  | [222] | [34] | [222] | [222] |
| *Phoca vitulina Females* | 78000 | 36.4iii | 1.1 | 2.5 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Females* | 81000 | 36.4iii | 1.3 | 3.5 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Females* | 87000 | 36.4iii | 1.5 | 3.0 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Females* | 77000 | 36.4iii | 1.8 | 4.5 | *1.8* |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Females* | 79500 | 36.4iii | 1.0 | 2.8 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Females* | 97000 | 36.4iii | 1.8 | 4.3 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Females* | 97500 | 36.4iii | 1.1 | 17.2 |  | *17.2* | [223] | [34] | [223] | [223] |
| *Phoca vitulina Females* | 90500 | 36.4iii | 1.4 | 4.2 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Females* | 104000 | 36.4iii | 1.5 | 15.7 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Females* | 92000 | 36.4iii | 1.8 | 6.3 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Females* | 105500 | 36.4iii | 1.2 | 2.7 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Females* | 97000 | 36.4iii | 2.5 | 5.8 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Females* | 84000 | 36.4iii | 1.9 | 5.8 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Females* | 96000 | 36.4iii | 1.6 | 9.0 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Females* | 76500 | 36.4iii | 2.0 | 8.8 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Females* | 79500 | 36.4iii | 1.6 | 6.3 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Females* | 87500 | 36.4iii | 2.1 | 6.3 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Females* | 90000 | 36.4iii | 1.5 | 5.3 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Females* | 93000 | 36.4iii | 1.8 | 6.7 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Females* | 76000 | 36.4iii | 1.5 | 6.3 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Females* | 84810 | 36.4iii | 1.6 | 5.8 |  |  | [224] | [34] | [224] | [224] |
| *Phoca vitulina Females* | 85905 | 36.4iii | 3.5 |  |  |  | [225] | [34] | [225] |  |
| *Phoca vitulina Juveniles* | 12000 | 36.4iii | 1.6 | 2.8 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Juveniles* | 10400 | 36.4iii | 1.1 | 2.8 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Juveniles* | 11700 | 36.4iii | 1.5 | 2.7 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Juveniles* | 12100 | 36.4iii | 1.0 | 1.7 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Juveniles* | 10500 | 36.4iii | 1.2 | 2.0 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Juveniles* | 12200 | 36.4iii | 1.3 | 6.2 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Juveniles* | 12200 | 36.4iii | 1.5 | 3.8 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Juveniles* | 13500 | 36.4iii | 0.8 | 1.7 | *0.8* |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Juveniles* | 11500 | 36.4iii | 0.8 | 1.8 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Juveniles* | 11400 | 36.4iii | 1.1 | 9.2 |  | *9.2* | [223] | [34] | [223] | [223] |
| *Phoca vitulina Juveniles* | 12300 | 36.4iii | 1.0 | 6.3 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Juveniles* | 11400 | 36.4iii | 1.3 | 4.0 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Juveniles* | 9700 | 36.4iii | 0.8 | 1.8 |  |  | [223] | [34] | [223] | [223] |
| *Phoca vitulina Juveniles* | 12000 | 36.4iii | 0.3 | 1.0 |  |  | [226] | [34] | [226] | [226] |
| *Phoca vitulina Juveniles* | 11500 | 36.4iii | 0.4 | 1.5 |  |  | [226] | [34] | [226] | [226] |
| *Phoca vitulina Juveniles* | 10600 | 36.4iii | 0.5 | 2.5 |  |  | [226] | [34] | [226] | [226] |
| *Phoca vitulina Juveniles* | 14100 | 36.4iii | 0.4 | 2.0 |  |  | [226] | [34] | [226] | [226] |
| *Phoca vitulina Juveniles* | 14500 | 36.4iii | 0.4 | 3.0 |  |  | [226] | [34] | [226] | [226] |
| *Phoca vitulina Juveniles* | 12200 | 36.4iii | 0.4 | 3.7 |  |  | [226] | [34] | [226] | [226] |
| *Phoca vitulina Juveniles* | 10500 | 36.4iii | 0.4 | 3.0 |  |  | [226] | [34] | [226] | [226] |
| *Phoca vitulina Juveniles* | 15400 | 36.4iii | 0.5 | 1.7 |  |  | [226] | [34] | [226] | [226] |
| *Phoca vitulina Males* | 119300 | 36.4iii | 7.2 | 14.8 |  |  | [222] | [34] | [222] | [222] |
| *Phoca vitulina Males* | 86600 | 36.4iii | 6.0 | 8.3 |  |  | [222] | [34] | [222] | [222] |
| *Phoca vitulina Males* | 62800 | 36.4iii | 3.5 | 5.0 |  |  | [222] | [34] | [222] | [222] |
| *Phoca vitulina Males* | 91400 | 36.4iii | 6.6 | 9.7 |  |  | [222] | [34] | [222] | [222] |
| *Phoca vitulina Males* | 77100 | 36.4iii | 3.5 | 8.8 |  |  | [222] | [34] | [222] | [222] |
| *Phoca vitulina Males* | 61200 | 36.4iii | 3.2 | 6.4 |  |  | [222] | [34] | [222] | [222] |
| *Phoca vitulina Males* | 86200 | 36.4iii | 4.8 | 8.5 | *4.8* |  | [222] | [34] | [222] | [222] |
| *Phoca vitulina Males* | 109800 | 36.4iii | 8.5 | 15.3 |  |  | [222] | [34] | [222] | [222] |
| *Phoca vitulina Males* | 73000 | 36.4iii | 6.0 | 9.3 |  |  | [222] | [34] | [222] | [222] |
| *Phoca vitulina Males* | 73700 | 36.4iii | 2.8 | 4.5 |  |  | [222] | [34] | [222] | [222] |
| *Phoca vitulina Males* | 101200 | 36.4iii | 8.1 | 12.8 |  |  | [222] | [34] | [222] | [222] |
| *Phoca vitulina Males* | 105600 | 36.4iii | 4.3 | 33.9 |  | *33.9* | [227] | [34] | [227] | [227] |
| *Phocartos hookeri females* | 91000 | 36.4iii | 4.1 | 8.9 |  |  | [228] | [34] | [228] | [228] |
| *Phocartos hookeri females* | 101000 | 36.4iii | 3.1 | 5.6 |  |  | [228] | [34] | [228] | [228] |
| *Phocartos hookeri females* | 98000 | 36.4iii | 3.5 | 7.1 |  |  | [228] | [34] | [228] | [228] |
| *Phocartos hookeri females* | 111500 | 36.4iii | 2.6 | 7.7 |  |  | [228] | [34] | [228] | [228] |
| *Phocartos hookeri females* | 126000 | 36.4iii | 4.1 | 11.3 |  |  | [228] | [34] | [228] | [228] |
| *Phocartos hookeri females* | 115000 | 36.4iii | 3.8 | 7.2 |  |  | [228] | [34] | [228] | [228] |
| *Phocartos hookeri females* | 129000 | 36.4iii | 3.2 | 6.9 |  |  | [228] | [34] | [228] | [228] |
| *Phocartos hookeri females* | 106000 | 36.4iii | 3.9 | 7.7 |  |  | [228] | [34] | [228] | [228] |
| *Phocartos hookeri females* | 107000 | 36.4iii | 4.7 | 8.5 |  |  | [228] | [34] | [228] | [228] |
| *Phocartos hookeri females* | 131500 | 36.4iii | 3.5 | 9.5 |  |  | [228] | [34] | [228] | [228] |
| *Phocartos hookeri females* | 107500 | 36.4iii | 4.0 | 7.7 |  |  | [228] | [34] | [228] | [228] |
| *Phocartos hookeri females* | 131000 | 36.4iii | 4.3 | 7.9 |  |  | [228] | [34] | [228] | [228] |
| *Phocartos hookeri females* | 102000 | 36.4iii | 4.1 | 7.5 |  |  | [228] | [34] | [228] | [228] |
| *Phocartos hookeri females* | 148500 | 36.4iii | 3.8 | 10.7 | *3.8* |  | [228] | [34] | [228] | [228] |
| *Phocartos hookeri females* | 83400 | 36.4iii | 4.0 |  |  |  | [229] | [34] | [229] |  |
| *Phocartos hookeri females* | 107000 | 36.4iii | 3.0 |  |  |  | [229] | [34] | [229] |  |
| *Phocartos hookeri females* | 121100 | 36.4iii | 3.9 |  |  |  | [229] | [34] | [229] |  |
| *Phocartos hookeri females* | 113200 | 36.4iii | 3.6 |  |  |  | [229] | [34] | [229] |  |
| *Phocartos hookeri females* | 122600 | 36.4iii | 3.3 |  |  |  | [229] | [34] | [229] |  |
| *Phocartos hookeri females* | 115000 | 36.4iii | 4.5 |  |  |  | [229] | [34] | [229] |  |
| *Phocartos hookeri females* | 107200 | 36.4iii | 2.6 |  |  |  | [229] | [34] | [229] |  |
| *Phocartos hookeri females* | 120600 | 36.4iii | 3.6 |  |  |  | [229] | [34] | [229] |  |
| *Phocartos hookeri females* | 105800 | 36.4iii | 4.1 |  |  |  | [229] | [34] | [229] |  |
| *Phocartos hookeri females* | 91600 | 36.4iii | 3.5 |  |  |  | [229] | [34] | [229] |  |
| *Phocartos hookeri females* | 135200 | 36.4iii | 2.5 |  |  |  | [229] | [34] | [229] |  |
| *Phocartos hookeri females* | 123000 | 36.4iii | 2.4 |  |  |  | [229] | [34] | [229] |  |
| *Phocartos hookeri females* | 106000 | 36.4iii | 3.0 |  |  |  | [230] | [34] | [230] |  |
| *Phocartos hookeri females* | 107200 | 36.4iii | 2.6 |  |  |  | [230] | [34] | [230] |  |
| *Phocartos hookeri females* | 120600 | 36.4iii | 3.3 |  |  |  | [230] | [34] | [230] |  |
| *Phocartos hookeri females* | 103600 | 36.4iii | 2.6 |  |  |  | [230] | [34] | [230] |  |
| *Phocartos hookeri females* | 105800 | 36.4iii | 4.1 |  |  |  | [230] | [34] | [230] |  |
| *Phocartos hookeri females* | 116600 | 36.4iii | 3.6 |  |  |  | [230] | [34] | [230] |  |
| *Phocartos hookeri females* | 147400 | 36.4iii | 3.4 | 11.5 |  |  | [230] | [34] | [230] | [230] |
| *Phocartos hookeri females* | 91600 | 36.4iii | 3.8 |  |  |  | [230] | [34] | [230] |  |
| *Phocartos hookeri females* | 119000 | 36.4iii | 4.4 | 8.4 |  |  | [231] | [34] | [231] | [231] |
| *Phocartos hookeri females* | 124500 | 36.4iii | 5.0 | 11.3 |  |  | [231] | [34] | [231] | [231] |
| *Phocartos hookeri females* | 109500 | 36.4iii | 3.6 | 10.8 |  |  | [231] | [34] | [231] | [231] |
| *Phocartos hookeri females* | 123500 | 36.4iii | 4.3 | 7.0 |  |  | [231] | [34] | [231] | [231] |
| *Phocartos hookeri females* | 105000 | 36.4iii | 4.5 | 10.6 |  |  | [231] | [34] | [231] | [231] |
| *Phocartos hookeri females* | 119000 | 36.4iii | 3.9 | 9.8 |  |  | [231] | [34] | [231] | [231] |
| *Phocartos hookeri females* | 113000 | 36.4iii | 4.0 | 8.8 |  |  | [231] | [34] | [231] | [231] |
| *Phocartos hookeri females* | 91500 | 36.4iii | 4.4 | 13.5 |  |  | [231] | [34] | [231] | [231] |
| *Phocartos hookeri females* | 120500 | 36.4iii | 3.6 | 9.7 |  |  | [231] | [34] | [231] | [231] |
| *Phocartos hookeri females* | 114500 | 36.4iii | 4.2 | 9.2 |  |  | [231] | [34] | [231] | [231] |
| *Phocartos hookeri females* | 103000 | 36.4iii | 3.5 | 14.5 |  | *14.5* | [231] | [34] | [231] | [231] |
| *Phocartos hookeri females* | 141500 | 36.4iii | 4.1 | 13.2 |  |  | [231] | [34] | [231] | [231] |
| *Phocartos hookeri females* | 104500 | 36.4iii | 3.6 | 9.6 |  |  | [231] | [34] | [231] | [231] |
| *Phocartos hookeri females* | 109000 | 36.4iii | 3.5 | 10.1 |  |  | [231] | [34] | [231] | [231] |
| *Phocartos hookeri females* | 133000 | 36.4iii | 4.1 | 12.9 |  |  | [231] | [34] | [231] | [231] |
| *Phocartos hookeri females* | 99000 | 36.4iii | 3.9 | 7.7 |  |  | [231] | [34] | [231] | [231] |
| *Phocartos hookeri females* | 116000 | 36.4iii | 3.4 | 8.1 |  |  | [231] | [34] | [231] | [231] |
| *Phocartos hookeri females* | 103000 | 36.4iii | 4.0 | 9.7 |  |  | [231] | [34] | [231] | [231] |
| *Phocoena phocoena Females* | 43700 | 36.4iii | 1.1 | 4.3 | *1.1* |  | [232] | [34] | [232] | [232] |
| *Phocoena phocoena Females* | 59200 | 36.4iii | 1.6 | 4.7 |  |  | [232] | [34] | [232] | [232] |
| *Phocoena phocoena Females* | 37000 | 36.4iii | 0.4 | 3.2 |  |  | [233] | [34] | [233] | [233] |
| *Phocoena phocoena Females* | 37000 | 36.4iii | 0.4 |  |  |  | [234] | [34] | [234] |  |
| *Phocoena phocoena Females* | 48000 | 36.4iii | 0.4 |  |  |  | [234] | [34] | [234] |  |
| *Phocoena phocoena Females* | 37100 | 36.4iii | 1.3 | 3.3 |  |  | [235] | [34] | [235] | [235] |
| *Phocoena phocoena Females* | 48500 | 36.4iii | 1.1 | 4.4 |  |  | [235] | [34] | [235] | [235] |
| *Phocoena phocoena Females* | 70000 | 36.4iii | 1.2 | 5.4 |  | *5.4* | [235] | [34] | [235] | [235] |
| *Phocoena phocoena Females* | 42500 | 36.4iii | 1.7 | 3.7 |  |  | [235] | [34] | [235] | [235] |
| *Phocoena phocoena Females* | 47000 | 36.4iii | 1.4 | 4.1 |  |  | [236] | [34] | [236] | [236] |
| *Phocoena phocoena Males* | 29600 | 36.4iii | 0.7 | 3.4 |  |  | [235] | [34] | [235] | [235] |
| *Phocoena phocoena Males* | 45800 | 36.4iii | 0.9 | 4.3 |  | *4.3* | [235] | [34] | [235] | [235] |
| *Phocoena phocoena Males* | 38900 | 36.4iii | 0.8 | 3.9 | *0.8* |  | [235] | [34] | [235] | [235] |
| *Phocoenoides dalli* | 50000 | 36.4iii | 1.3 | 2.8 | *1.3* | *2.8* | [237] | [34] | [237] | [237] |
| *Physeter macrocephalus Females* | 25000000 | 36.4iii | 36.2 | 40.2 | *36.2* | *40.2* | [46] | [34] | [238] | [238] |
| *Physeter macrocephalus Males* | 50000000 | 36.4iii | 21.9 | 73.0 | *21.9* | *73.0* | [46] | [34] | [239] | [239] |
| *Platanista gangetica* | 77500 | 36.4iii | 0.8 | 3.0 | *0.8* | *3.0* | [33] | [34] | [33] | [33] |
| *Sotalia fluviatilis* | 41000 | 36.4iii | 0.7 | 1.5 | *0.7* | *1.5* | [33] | [34] | [240] | [240] |
| *Stenella attenuata* | 80000 | 36.4iii | 1.7 | 5.0 |  | *5.0* | [33] | [34] | [46] | [46] |
| *Stenella frontalis* | 127000 | 36.4iii |  | 6.0 |  | *6.0* | [241] | [34] |  | [241] |
| *Stenella longirostris* | 77000 | 36.4iii | 2.3 |  | *2.3* |  | [33] | [34] | [33] |  |
| *Tursiops truncatus* | 201000 | 36.4iii | 0.7 | 4.3 | *0.7* | *4.3* | [46] | [34] | [46] | [46] |
| *Ursus maritimus* | 450000 | 36.8 | 0.2 | 0.5 | *0.2* | *0.5* | [46] | [34] | [242] | [242] |
| *Zalophus californianus* | 110100 | 36.4iii | 2.1 | 9.9 | *2.1* | *9.9* | [243] | [34] | [243] | [243] |
| *Zalophus wollebaeki* | 91000 | 36.4iii |  | 6.0 |  | *6.0* | [33] | [34] |  | [140] |
| *Ziphius cavirostris* | 2112500 | 36.4iii | 41.2 | 88.1 | *41.2* | *88.1* | [33] | [34] | [46] | [46] |



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1. Mean temperature of all bird species in compilation [34] [↑](#endnote-ref-1)
2. Mean temperature of bird species in genus [34] [↑](#endnote-ref-2)
3. Mean temperature of all mammal species in compilation [34] [↑](#endnote-ref-3)
4. Mean temperature of mammal species in genus [34] [↑](#endnote-ref-4)