**Table S1.** Stranding records of northern bottlenose whales, *Hyperoodon ampullatus*, registered in the UK (1989-2011, N=39) and The Netherlands (1584-1993, N=21). Condition codes: 1=alive; 2=freshly dead; 3=moderate decomposition; 4=advanced decomposition; 5=indeterminate. Sex: M=Male; F=Female. U=Unknown for the categories Day, Month, Sex, Length and Condition.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Number** | **Day** | **Month** | **Year** | **Country** | **Approximate location** | **Sex** | **Length, cm** | **Condition** | **Notes** |
| 1 | 3 | 2 | 1989 | Scotland | Stevenston | F | 663 | 3-4 |  |
| 2 | 11 | 7 | 1993 | Scotland | Urie, Fetlar | U | 500 | 5 |  |
| 3 | 24 | 9 | 1993 | Scotland | Wig Bay | M | 700 | 1 |  |
| 4 | 27 | 10 | 1994 | Scotland | Portree | U | 600 | 1 |  |
| 5 | 24 | 6 | 1995 | Scotland | North Taing, Auskerry | M | 1000 | 5 |  |
| 6 | 26 | 9 | 1995 | Scotland | Cairnryan | F | 530 | 3-4 |  |
| 7 | 30 | 8 | 1996 | Wales | Tenby | U | 671 | 1 |  |
| 8 | 10 | 10 | 1998 | Scotland | Isle of Arran | U | 580 | 2 |  |
| 9 | 6 | 11 | 1998 | England | West Kirby | F | 610 | U |  |
| 10 | 12 | 3 | 2000 | Scotland | Isle of Lewis | U | 670 | 3-4 |  |
| 11 | 14 | 3 | 2001 | Scotland | Sanday | U | U | 4 |  |
| 12 | 4 | 9 | 2001 | Scotland | Isle of Mull | F | 580 | 3-4 | Stomach content analysed here |
| 13 | 9 | 11 | 2001 | Scotland | Scara Brae | F | 750 | 4 |  |
| 14 | 4 | 12 | 2003 | England | Heybrook Bay | U | U | 1 |  |
| 15 | 29 | 3 | 2004 | England | Heysham | M | 450 | 2 |  |
| 16 | 1 | 8 | 2004 | England | M62 over river Ouse | U | 457 | 2 |  |
| 17 | 4 | 6 | 2005 | Scotland | North Uist | U | U | 5 |  |
| 18 | 20 | 1 | 2006 | England | Battersea Bridge, Thames | F | 585 | 2 | Stomach content analysed here |
| 19 | 31 | 8 | 2006 | England | Skegness | M | 680 | 2 | Mass stranding |
| 20 | 31 | 8 | 2006 | England | Skegness | F | 648 | 2 | Mass stranding |
| 21 | 16 | 10 | 2006 | Scotland | Craigton | M | 483 | 2 |  |
| 22 | 23 | 2 | 2007 | Scotland | Yell | U | U | 4 |  |
| 23 | 27 | 7 | 2007 | England | Ipswich | M | 457 | 2 |  |
| 24 | 27 | 7 | 2007 | Scotland | Voe of Mels, Noss | U | 320 | 4 |  |
| 25 | 4 | 9 | 2007 | Scotland | Isle of Lewis | U | U | 5 |  |
| 26 | 25 | 9 | 2007 | Scotland | Isle of Lewis | M | 794 | 2 | Stomach content analysed here |
| 27 | 1 | 8 | 2008 | England | Hayling Island | M | 570 | 2 |  |
| 28 | 18 | 10 | 2008 | Scotland | Loch Eil | F | 605 | 3 | Stomach content analysed here |
| 28 | 19 | 11 | 2008 | Scotland | Barassie Sands | M | 700 | 4 |  |
| 30 | 18 | 3 | 2009 | Scotland | Sutherland | U | 700 | 4 |  |
| 31 | 2 | 8 | 2009 | Scotland | Cromarty | U | 600 | 2 | Mass stranding |
| 32 | 2 | 8 | 2009 | Scotland | Cromarty | M | 615 | 2 | Stomach content analysed here ,  Mass stranding |
| 33 | 24 | 8 | 2009 | Scotland | Wigton bay | M | 599 | 2 | Stomach content analysed here |
| 34 | 21 | 9 | 2009 | England | Alum Chine | F | 625 | 2 |  |
| 35 | 22 | 9 | 2009 | Scotland | Troon | M | 609 | 4 |  |
| 36 | 8 | 10 | 2009 | Scotland | Fort William | M | 584 | 3 | Stomach content analysed here |
| 37 | 10 | 10 | 2009 | Wales | Prestatyn | F | 621 | 2 |  |
| 38 | 8 | 12 | 2009 | Scotland | Isle of Tiree | F | U | 5 |  |
| 39 | 17 | 9 | 2011 | Scotland | Colonsay | U | 1000 | 4 |  |
| 40 | U | 8 | 1584 | The Netherlands | Zierikzee | M | U | U |  |
| 41 | 15 | 8 | 1757 | The Netherlands | Zaamslag | M | U | U |  |
| 42 | U | 5 | 1831 | The Netherlands | Warffum | U | 700 | U |  |
| 43 | 16 | 9 | 1840 | The Netherlands | Burghsluis | F | 670 | U |  |
| 44 | 24 | 7 | 1846 | The Netherlands | Zandvoort | F | 700 | U |  |
| 45 | U | U | 1849 | The Netherlands | Tzum | U | U | U |  |
| 46 | U | 5 | 1861 | The Netherlands | Harderwijk | U | U | U |  |
| 47 | 17 | 11 | 1873 | The Netherlands | Bath | U | 450 | U |  |
| 48 | 15 | 11 | 1884 | The Netherlands | Texel | F | 790 | U |  |
| 49 | 16 | 11 | 1927 | The Netherlands | Eierlandse Gat | M | 420 | U |  |
| 50 | 16 | 11 | 1931 | The Netherlands | Waarde | M | 500 | U |  |
| 51 | 29 | 8 | 1935 | The Netherlands | Egmond | M | 405 | U |  |
| 52 | 16 | 11 | 1942 | The Netherlands | Texel | U | 420 | U |  |
| 53 | 5 | 10 | 1946 | The Netherlands | Ameland | M | 750 | U | Stomach content analysed here |
| 54 | 17 | 1 | 1954 | The Netherlands | Schiermonnikoog | F | 680 | U |  |
| 55 | 24 | 8 | 1956 | The Netherlands | Texel | F | 700 | U |  |
| 56 | 26 | 8 | 1956 | The Netherlands | Ameland | M | 650 | U |  |
| 57 | 19 | 8 | 1958 | The Netherlands | Vlissingen | M | 720 | U |  |
| 58 | 10 | 9 | 1984 | The Netherlands | Breskens | M | 611 | U |  |
| 59 | 25 | 8 | 1993 | The Netherlands | Hargen | F | 780 | U |  |
| 60 | 10 | 11 | 1993 | The Netherlands | Rottumeroog | F | 675 | U |  |