**Table S1.** Summary of predation studies carried out in spring (a) and summer (b) in Scandinavia and summer in Yellowstone National Park (c). The sex (M/F) of the followed wolf is indicated at the end of each wolf ID number.

|  |  |  |  |
| --- | --- | --- | --- |
| **(a) Scandinavia – Spring**  |  |  |  |
| **Wolf Territory** | **Wolf Followed** | **Study Period** | **Duration of Study (Days)** | **Sympatric with Bears** |
| Gråfjell  | M0109M |  12/11/01 - 04/21/02 | 132 | No |
| Gråfjell  | M0109M |  02/17/03 - 04/20/03 | 63 | No |
| Tyngsjö  | M0204F |  01/31/02 - 04/24/02 | 84 | No |
| Bograngen  | M0009M |  02/17/03 - 04/20/03 | 63 | No |
| Nyskoga | M0007M |  02/13/04 - 03/16/04 | 33 | No |
| Djurskog  | M0306M |  02/01/04 - 03/28/04 | 56 | No |
| Jangen  | M0404M |  02/02/04 - 04/01/04 | 60 | No |
| Gräsmark  | M0611M / M0610F |  02/18/07 - 04/09/07 | 50 | No |
| Kloten  | M0910M |  02/11/08 - 03/31/08 | 50 | No |
| Fulufjället  | M0904M |  02/15/09 - 04/08/09 | 52 | Yes |
| Fulufjället  | M0904M |  04/01/10 - 06/01/10 | 61 | Yes |
| Tenskog  | M1002M |  02/13/10 - 04/11/10 | 57 | Yes |
| Tenskog  | M1003M |  03/14/11 - 05/16/11 | 63 | Yes |
| Tandsjön | M1103M |  02/20/12 - 05/14/12 | 84 | Yes |
| Kukumäki  | M1302M |  02/25/13 - 04/28/13 | 62 | Yes |
| Tandsjön  | M1103M |  03/19/14 - 04/25/14 | 37 | Yes |
| Kukumäki  | M1302M |  03/03/14 - 04/25/14 | 53 | Yes |
| Kukumäki  | M1301F |  03/04/15 - 04/24/15 | 51 | Yes |
|  |  |  |  |  |
| **(b) Scandinavia – Summer**  |  |  |  |
| **Wolf Territory** | **Wolf Followed** | **Study Period** | **Duration of Study (Days)** | **Sympatric with Bears** |
| Nyskoga | M0007M |  06/02/03 - 06/10/03 | 8 | No |
| Gråfjell | M0109M |  06/02/03 - 07/14/03 | 42 | No |
| Bograngen | M0009M |  06/02/03 - 07/14/03 | 42 | No |
| Halgån | M0206F |  06/21/03 - 07/14/03 | 23 | No |
| Djurskog | M0306M |  06/21/04 - 07/12/04 | 21 | No |
| Koppang | M0402M |  06/14/04 - 07/05/04 | 21 | No |
| Gråfjell | M0109M  |  06/14/04 - 07/05/04 | 21 | No |
| Kloten  | M0918M |  06/13/09 - 07/11/09 | 28 | No |
| Tenskog | M1002M |  05/30/11 - 06/26/11 | 27 | Yes |
| Tandsjön | M1103M |  05/19/14 - 06/21/14 | 33 | Yes |
| Kukumäki | M1302M |  05/19/14 - 06/22/14 | 34 | Yes |
| Kukumäki | M1301F |  05/18/15 - 06/29/15 | 42 | Yes |
|  |  |  |  |  |
|  |  |  |  |  |
| **(c) Yellowstone – Summer**  |   |  |  |
| **Wolf Territory** | **Wolf Followed** | **Study Period** | **Duration of Study (Days)** |  |
| Leopold | 624F |  05/01/08 - 08/01/08 | 92 |  |
| Leopold | 625F |  05/01/08 - 08/01/08 | 92 |  |
| Oxbow Creek | 626F |  05/01/08 - 08/01/08 | 92 |  |
| Oxbow Creek | 627M |  05/01/08 - 08/01/08 | 92 |  |
| Blacktail | 692F |  05/01/09 - 08/01/09 | 92 |  |
| Blacktail | 693F |  05/01/09 - 08/01/09 | 92 |  |
| Everts | 684M |  05/01/09 - 08/01/09 | 92 |  |
| Everts | 685M |  05/01/09 - 08/01/09 | 92 |  |
| Blacktail | 642F |  05/01/10 - 08/01/10 | 92 |  |
| Blacktail | 752F |  05/01/10 - 08/01/10 | 92 |  |
| Agate Creek | 775M |  06/01/11 - 06/30/11 | 29 |  |
| Blacktail | 777M |  05/01/11 - 08/01/11 | 92 |  |
| Blacktail | 777M |  05/01/12 - 05/28/12 | 27 |  |
| Blacktail | 829F |  05/01/12 - 08/01/12 | 92 |  |
| Junction Butte | 777M |  05/31/12 - 08/01/12 | 62 |  |
| 8 Mile | SW763M |  05/01/13 - 08/01/13 | 92 |  |
| 889F/890M Group | 889F |  05/01/13 - 06/27/13 | 57 |  |
| 889F/890M Group | 890M |  05/01/13 - 08/01/13 | 92 |  |
| 911M Group | 911M |  05/13/14 - 07/01/14 | 49 |  |
| Junction Butte | 890M |  05/01/14 - 07/01/14 | 61 |  |
| Junction Butte | 907F |  05/01/14 - 07/01/14 | 61 |  |
| Junction Butte | 911M |  05/01/14 - 05/13/14 | 12 |  |
| Prospect Peak | 964M |  05/01/15 - 08/01/15 | 92 |  |