Supplementary data

Table S1. List of individual species observed during the field work conducted in six landscapes in northern Europe.

| | Species | Kristianstad | Östergötland | Mälardalen | Nemunas Delta | Turov | Akureyri |
|---|---|---|---|---|---|---|---|
| **Waders** | Lapwing (*Vanellus vanellus*) | 215 | 316 | 652 | 395 | 379 | 0 |
| | Ringed plover (*Charadrius hiaticula*) | 0 | 3 | 0 | 0 | 23 | 51 |
| | Golden plover (*Pluvialis apricaria*) | 0 | 0 | 0 | 0 | 0 | 96 |
| | Curlew (*Numenius arquata*) | 27 | 7 | 16 | 271 | 1 | 0 |
| | Snipe (*Gallinago gallinago*) | 38 | 71 | 29 | 35 | 24 | 106 |
| | Black-tailed godwit (*Limosa limosa*) | 2 | 9 | 0 | 90 | 270 | 195 |
| | Ruff *(Phylomachus pugnax)* | 0 | 9 | 1 | 181 | 914 | 0 |
| | Dunlin (*Calidris alpina*) | 0 | 1 | 0 | 2 | 6 | 129 |
| | Redshank (*Tringa totanus*) | 5 | 53 | 13 | 50 | 192 | 193 |
| | Spotted redshank (*Tringa erythropus*) | 0 | 0 | 0 | 0 | 1 | 0 |
| | Greenshank (*Tringa nebularia*) | 5 | 4 | 1 | 0 | 0 | 0 |
| | Wood sandpiper (*Tringa glareola*) | 1 | 37 | 6 | 12 | 24 | 0 |
| | Green sandpiper (*Tringa ochropus*) | 0 | 13 | 10 | 1 | 0 | 0 |
| | Common sandpiper (*Actitis hypoleucos*) | 2 | 0 | 0 | 2 | 3 | 0 |
| | Marsh sandpiper (*Tringa stagnatilis*) | 0 | 0 | 0 | 0 | 39 | 0 |
| | Red knot (*Calidris canutus*) | 0 | 0 | 0 | 0 | 0 | 8 |
| | Sanderling (*Calidris alba*) | 0 | 0 | 0 | 0 | 0 | 1 |
| | Whimbrel (*Numenius phaeopus*) | 0 | 0 | 0 | 0 | 0 | 83 |
| | Ruddy turnstone (*Arenaria interpres*) | 0 | 0 | 0 | 0 | 0 | 50 |
| | Red-necked phalarope (*Phalaropus lobatus*) | 0 | 0 | 0 | 0 | 0 | 165 |
| | Oystercatcher (*Haematopus ostralegus*) | 6 | 4 | 2 | 0 | 8 | 27 |
| | **Total** | 301 | 527 | 730 | 1039 | 1884 | 1104 |
| | **Mean** | 14.33 (n=21) | 23.95 (n=22) | 27.04 (n=27) | 28.08 (n=37) | 62.80 (n=30) | 35.6 (n=31) |
| | **Number of Species** | 9 | 12 | 9 | 10 | 13 | 12 |
| **Corvids** | Hooded Crow (*Corvus cornix*) | 338 | 70 | 82 | 28 | 20 | 0 |
| | Raven (*Corvus corax*) | 24 | 4 | 3 | 8 | 14 | 11 |
| | Jackdaw (*Corvus monedula*) | 101 | 47 | 150 | 0 | 0 | 0 |
| | Magpie (*Pica pica*) | 16 | 6 | 8 | 0 | 5 | 0 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Rook (*Corvus frugilegus*) | 46 | 0 | 0 | 0 | 0 | 0 |
| | **Total** | 525 | 127 | 243 | 36 | 39 | 11 |
| | **Mean** | 25.00 (n=21) | 5.77 (n=22) | 9.00 (n=27) | 0.97 (n=37) | 1.30 (n=30) | 0.35 (n=31) |
| | **Number of species** | 5 | 4 | 4 | 2 | 3 | 1 |
| **Birds of prey** | Red Kite (*Milvus milvus*) | 13 | 0 | 0 | 0 | 0 | 0 |
| | Osprey (*Pandion haliaetus*) | 6 | 2 | 0 | 0 | 1 | 0 |
| | Marsh Harrier (*Circus aeruginosus*) | 12 | 17 | 8 | 4 | 1 | 0 |
| | Hen harrier (*Circus cyaneus*) | 0 | 0 | 0 | 1 | 0 | 0 |
| | Buzzard (*Buteo buteo*) | 19 | 0 | 8 | 0 | 0 | 0 |
| | White-tailed Eagle (*Haliaetus albicilla*) | 1 | 0 | 1 | 10 | 2 | 0 |
| | Lesser spotted eagle (*Clanga pomarina*) | 0 | 6 | 1 | 0 | 1 | 0 |
| | Peregrine (*Falco peregrinus*) | 1 | 0 | 0 | 0 | 0 | 0 |
| | Kestrel (*Falco tinnunculus*) | 0 | 1 | 0 | 0 | 4 | 0 |
| | **Total** | 52 | 26 | 18 | 15 | 9 | 0 |
| | **Mean** | 2.48 (n=21) | 1.18 (n=22) | 0.67 (n=27) | 0.41 (n=37) | 0.30 (n=30) | 0.0 (n=31) |
| | **Number of species** | 6 | 4 | 4 | 3 | 5 | 0 |