

Denmark (ex Wadden Sea), totals 1978

| Species | Jan. | Feb. | Mar. | Apr. | Maj. | Jun. | Jul. | Aug. | Sep. | Okt. | Nov. | Dec. |
|----------------------------------------------------|-------------|-------------|--------------|--------------|---------------|--------------|--------------|--------------|---------------|---------------|---------------|-------------|
| Oystercatcher <u>Haematopus ostralegus</u> | 162 | 111 | 630 | 1675 | 4854 | 2466 | 4827 | 1390 | 270 | 363 | 135 | 67 |
| Lapwing <u>Vanellus vanellus</u> | 69 | 4 | 1370 | 15629 | 3688 | 5010 | 9193 | 31666 | 32197 | 45377 | 50877 | 23 |
| Ringed Plover <u>Charadrius hiaticula</u> | 9 | 5 | 1494 | 986 | 1013 | 659 | 1467 | 1146 | 288 | 55 | 6 | |
| Little Ringed Plover <u>Charadrius dubius</u> | | | | 3 | 9 | 5 | 2 | 9 | 3 | | | |
| Kentish Plover <u>Charadrius alexandrinus</u> | | | | 6 | 13 | 12 | 18 | 11 | 3 | | | |
| Dotteral <u>Eudromias morinellus</u> | | | | | 3 | | | 8 | | | | |
| Golden Plover <u>Pluvialis apricaria</u> | 266 | 2 | 138 | 6549 | 35272 | 52 | 325 | 31553 | 48594 | 84446 | 60066 | 97 |
| Grey Plover <u>Pluvialis squatarola</u> | 2 | 1 | 2 | 11 | 495 | 88 | 58 | 781 | 836 | 1333 | 570 | 9 |
| Turnstone <u>Arenaria interpres</u> | 4 | 20 | 2 | 6 | 135 | 16 | 90 | 40 | 64 | 8 | 4 | |
| Great Snipe <u>Gallinago media</u> | | | | | 1 | | 1 | 3 | 1 | | 1 | |
| Common Snipe <u>Gallinago gallinago</u> | 145 | 35 | 84 | 479 | 146 | 58 | 75 | 1331 | 1302 | 2030 | 1196 | 60 |
| Jack Snipe <u>Lymnocyptes minima</u> | 2 | 1 | | 4 | 3 | | | 2 | 17 | 26 | 10 | 2 |
| Curlew <u>Numenius arquata</u> | 155 | 43 | 569 | 1571 | 134 | 120 | 626 | 758 | 325 | 347 | 278 | 125 |
| Whimbrel <u>Numenius phaeopus</u> | | | | 32 | 176 | 13 | 101 | 107 | 38 | 1 | | |
| Numenius sp. | | | | | | | | 122 | | | | |
| Black-tailed Godwit <u>Limosa limosa</u> | | | 86 | 371 | 270 | 390 | 318 | 63 | 17 | | | |
| Bar-tailed Godwit <u>Limosa lapponica</u> | 3 | 2 | 1177 | 4115 | 18672 | 131 | 208 | 521 | 115 | 35 | 13 | 1 |
| Common Sandpiper <u>Tringa hypoleucos</u> | 1 | | 1 | | 258 | 7 | 600 | 975 | 68 | 3 | | |
| Wood Sandpiper <u>Tringa glareola</u> | | | | 3 | 80 | | 93 | 363 | 4 | 1 | | |
| Green Sandpiper <u>Tringa ochropus</u> | | | | 4 | 23 | 9 | 71 | 70 | 4 | 2 | | |
| Redshank <u>Tringa totanus</u> | 1183 | 399 | 604 | 3198 | 4170 | 2803 | 2621 | 2611 | 1460 | 1749 | 993 | 557 |
| Spotted Redshank <u>Tringa erythropus</u> | | | | | 100 | 41 | 63 | 271 | 67 | 25 | 1 | |
| Greenshank <u>Tringa nebularia</u> | | | | 12 | 343 | 12 | 783 | 1483 | 348 | 78 | 16 | 4 |
| Marsh Sandpiper <u>Tringa stagnatilis</u> | | | | | | | | 1 | | | | |
| Knot <u>Calidris canutus</u> | 4 | | | 46 | 135 | 17 | 121 | 1599 | 633 | 97 | 7 | |
| Purple Sandpiper <u>Calidris maritima</u> | 13 | 18 | 11 | 22 | 9 | | | | 6 | 1 | 1 | 7 |
| Little Stint <u>Calidris minuta</u> | | | | | 42 | 1 | 36 | 48 | 1948 | 33 | 42 | |
| Temminck's Stint <u>Calidris temminckii</u> | | | | | 63 | | 26 | 29 | 4 | | | |
| Little / Temminck's <u>C. minuta/temminckii</u> | | | | 2 | 25 | | 2 | 3 | | | | |
| Dunlin <u>Calidris alpina</u> | 5373 | 1323 | 9730 | 23400 | 50526 | 325 | 7541 | 12199 | 25127 | 41483 | 23509 | 3672 |
| Curlew Sandpiper <u>Calidris ferruginea</u> | | | | | | 1 | 184 | 505 | 432 | 24 | | |
| Sanderling <u>Calidris alba</u> | | 47 | 16 | 17 | 45 | | | 41 | 191 | 44 | | 5 |
| Broad-billed Sandpiper <u>Limicola falcinellus</u> | | | | | | | 4 | 4 | | | | |
| Ruff <u>Philomachus pugnax</u> | | | | 869 | 6557 | 197 | 476 | 999 | 301 | 78 | 2 | |
| Avocet <u>Recurvirostra avosetta</u> | | | 316 | 3075 | 3315 | 2128 | 2705 | 684 | 323 | 572 | 50 | |
| Red-necked Phalarope <u>Phalaropus lobatus</u> | | | | | | 2 | | 4 | 2 | | | |
| Wader sp. | 13 | 6 | 126 | 138 | 229 | 26 | 112 | 471 | 144 | 195 | 59 | |
| Total | 7404 | 2017 | 34358 | 57302 | 130804 | 14589 | 32869 | 91749 | 115132 | 178406 | 137836 | 4629 |

PERMANENT LEG FLAGS

by Nigel A. Clark

As part of current studies of Dunlin Calidris alpina on the Somerset and Avon coast, England, 150 birds have been marked using leg flags placed above the 'knee'. The flags, made from 'Darvic' P.V.C. sheet 0.75mm thick - 0.5mm would probably be better for Dunlin - are 1cm high and project 1cm from the leg. They are made by folding a strip of 'Darvic' around a metal bar in boiling water and pinching the two flaps together with pliers. When cold the two flaps spring together. In use the flag is opened just enough to get it round the bird's leg and the two flaps glued together.

Flags made this way have the advantage over conventional colour-rings, that they can be seen at 600 metres, even in poor light. I have not marked birds with different codes for each individual. However, it would probably be possible to use two smaller flags without significantly reducing visibility. The flags have a very long life and, therefore, should not be used if a conventional colour-ring or temporary flag would be adequate. Temporary flags have been used with success on the Tees Estuary (Goodyer et al 1979).

Any observations of these flagged birds would be most useful. If possible note which leg carries the flag and the colour. Details of sightings should be sent to N.A. Clark, Department of Zoology, University of Edinburgh, West Mains Road, Edinburgh, Scotland.

Reference

Goodyer, L.R., Symonds, F. & Evans, P.R. 1979. Leg 'flags': temporary colour rings. Wader Study Group Bull. 25:12

NOTE: Because widespread use of permanent leg-flags would greatly reduce the potential usefulness and applicability of temporary leg-flags, we strongly discourage the use of permanent flags, especially if conventional colour-rings or temporary leg-flags would be adequate for any intended study.- The Editors.