

RECENT PUBLICATIONS ON WADERS 49

compiled by Gudmundur A. Gudmundsson

Since we try to make these lists as complete and up to date as possible any help is most welcome. Please send omissions, correction, new titles, abstracts or reprints to Gudmundur A. Gudmundsson, Department of Ecology, University of Lund, Ecology Building, S-223 62 LUND, Sweden.

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Translated titles from languages other than English are bracketed; round brackets if the translation is by the author(s), square brackets if not.

BREEDING

- BAINES, D. 1988. *The effects of improvement of upland, marginal grasslands on breeding waders (Charadriiformes) and invertebrates.* Ph.D. thesis, Univ. of Durham, UK, 189p.
- BAUER, U. 1989. (Breeding of the Common Sandpiper *Actitis hypoleucos* on the Middle Reaches of the River Lech, Bavaria.) *Anz. orn. Ges. Bayern* 28: 15-24. In German with English summary. (Schrofenstr. 33, 8900 Augsburg, W.Germany.)
- BESER, H.J. & BESER, M. 1989. (Egg measurements of the Lapwing.) *Charadrius* 24: 255-235. In German with English summary. (Berliner Str. 18, 4005 Meersbusch, W.Germany.)
- BIRNER, S. & SCHMID, H. 1989. (Breeding population and distribution of the Lapwing (*Vanellus vanellus*) in Switzerland 1985-1988.) *Orn. Beob.* 86: 145-154. In German with English and French summaries. (Schweizerische Vogelwarte, CH-6204 Sempach, Switzerland.)
- BREIEHAGEN, T. 1989. Nesting biology and mating system in an alpine population of Temminck's Stint *Calidris temminckii*. *Ibis* 131: 389-402. (Dept. of Zool., Univ. of Trondheim, N-7055 Dragvoll, Norway.)
- BUKER, J. & WINKELMAN, J.E. 1987. [Breeding biology and habitat use of Black-tailed Godwits in relation to grassland management.] Report Directis Beheer Landbouwgrenden, Utrecht. In Dutch.
- BYRKJEDAL, I. 1989. Time constraints and vigilance: breeding season diet of the Dotterel (*Charadrius morinellus*). *J. Orn.* 130: 293-302. In English with German summary. (Museum of Zool., Univ. of Bergen, N-5007 Bergen, Norway.)
- GALBRAITH, H. 1989. Arrival and habitat use by Lapwings *Vanellus vanellus* in the early breeding season. *Ibis* 131: 377-388. (Chief Scientist Directorate, NCC, 12 Hope Terrace, Edinburgh, Scotland.)
- GAVRILOV, V.V. 1988. (The effect of sexual and territorial interactions in waders on their energy expenditure during prebreeding and nesting periods.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 19-26. In Russian.
- GOLOVINA, N.M. 1988. (Distribution and breeding biology of the Black-tailed Godwit (*Limosa limosa*) and the Marsh Sandpiper (*Tringa stagnatilis*) in the southeastern part of Western Siberia.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 38-40. In Russian.
- HAMAS, M.J. 1988. Delayed egg laying by Killdeer in northeastern Colorado. *Colorado Field Ornithol. J.* 22: 137-139. (Cent. Mich. Univ., Dept. of Biology, Mount Pleasant 48859, USA.)
- KAVERKINA, N.P. 1988. (On breeding biology of the Collared Pratincole (*Glareola pratincola*) in Southeastern Kazakhstan.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution biology and conservation*, pp. 53-55. In Russian.
- KLESTOV, N.L. 1988. (Breeding waders of the reservoirs on the Dnieper River cascade.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 55-58. In Russian.
- KOMAROV, Y.E. 1988. (To the breeding biology of the Common Sandpiper (*Actitis hypoleucos*) in the mountain part of Northern Ossetia.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 67-73. In Russian.
- KORZYUKOV, A.I. & PETROVSKAYA, L.P. 1988. (Breeding biology and distribution of the Black-winged Stilt (*Himantopus himantopus*) in the extreme southwestern part of the USSR.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 82-87. In Russian.
- LAURO, B. & BURGER, J. 1989. Nest site selection of American Oystercatcher (*Haematopus palliatus*) in salt marshes. *Auk* 106: 185-192. (Dept. Biol. Sci., Rutgers Univ., Piscataway, New Jersey, 08854, USA.)
- MELNIKOV, Y.I. 1988. (Colour of downy chicks in relation to microbiotopic distribution of waders at breeding.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 93-97. In Russian.
- MISKELLY, C.M. 1989. Flexible incubation system and prolonged incubation in New Zealand Snipe. *Wilson Bull.* 101: 127-132. (Dept. of Zool., Canterbury Univ., Christchurch 1, New Zealand.)
- MOROZOV, V.V. 1988. (Breeding biology and space using by the Marsh Sandpiper (*Tringa stagnatilis*) and the Redshank (*T. totanus*.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 100-110. In Russian.

- NOL, E. 1989. Food supply and reproductive performance of the American Oystercatcher in Virginia. *Condor* 91: 429-435. (Dept. of Zool., Univ. of Toronto, 25 Harbord St., Toronto, Ontario M5S 1A1, Canada.)
- OTTOSON, U., JOHANSON, K. & PETERSSON, J. 1989. [Breeding populations of ducks, gulls and waders on coastal grasslands on the island Oland, SE Sweden.] *Calidris* 18: 47-87. In Swedish. (Ottenby fagelstation, Pl. 1500, S-380 65 Degerhamn, Sweden) - A survey of all coastal grasslands on the island Oland (almost 100 km²) gave a total of over 5 600 pairs of breeding waders. The three commonest wader species out of 14 found breeding, were Oystercatcher, Lapwing and Redshank.
- RUDENKO, A.G. & KABAKOV, A.G. 1988. (Influence of the Herring Gull (*Larus argentatus cachinans*) predation on the nesting biology of the Oystercatcher (*Haematopus ostralegus*.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 123-126. In Russian.
- SCHAFTENAAR, A. 1987. [Woodcock transports chick between legs.] *Anser* 1987(1):17. In Dutch.
- SCHMIDTKE, K. 1989. (Breeding stocks of Lapwing *Vanellus vanellus* and Curlew *Numenius arquata* in the lower Bavarian Valley of the River Rott.) *Anz. orn. Ges. Bayern* 28: 25-38. In German with English summary. (Untere Hagenstr. 34, 8562 Hersbruck, W.Germany.)
- SHEPHERD, K.B. 1989. Breeding wader distribution, ecology and numbers. In: Stroud, D.A. (ed.). *Birds on Coll and Tiree: status, habitats and conservation*, pp. 25-42.
- THOMPSON, P.S. & HALE, W.G. 1989. Breeding site fidelity and natal philopatry in the Redshank *Tringa totanus*. *Ibis* 131: 214-224.
- ZHMUD, M.E. 1988. (Breeding philopatry and dispersion in the Redshanks (*Tringa totanus*) in Southern Ukraine.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 47-53. In Russian.
- BEHAVIOUR, ECOLOGY & EVOLUTION
- ALCORN, R. 1989. Regular wader counts project report: Red-necked Avocet. *Stilt* 14: 21-32.
- ANDREJVA, T.R. 1988. (Main trophic peculiarities at the Stchuchiya River basin, Yamal Peninsula.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 13-18. In Russian.
- BACKSTROM, P. 1988. Springtime journey of a Minnesota migrant. *Loon* 60: 178-179. (5420 Mt. Normandale Dr., Bloomington, MN 55437, USA) - *Calidris minutilla*.
- BAMFORD, M. 1989. The Little Curlew *Numenius minutus* in Australia: what happens in the wet season? *Stilt* 14:66. (P.O. Box 224, Capel, WA 6271, Australia.)
- BARTER, M. 1989. Bar-tailed Godwit *Limosa lapponica* in Australia. Part 1. Races, breeding areas and migration routes. *Stilt* 14: 43-48. (21 Chivalry Ave., Glen Waverley, Vic. 3150, Australia.)
- BARTER, M. 1989. Bar-tailed Godwit *Limosa lapponica* in Australia. Part 2. Weight, moult and breeding success. *Stilt* 14: 49-53.
- BOATES, J.S. 1988. *Foraging and social behaviour of the Oystercatcher Haematopus ostralegus in relation to diet specialization*. Ph.D. thesis, Univ. of Exeter, UK, 205p.
- BROWN, P.P. & HARRIS, S.W. 1988. Foods found in 103 Red-necked Phalaropes. *West. Birds* 19:79-80. (560 Wolf Creek, Bigfork, MT 59911, USA.)
- BUCHANAN, J.B. 1988. The abundance and migration of shorebirds at two Pudget Sound estuaries. *West. Birds* 19: 69-78. (Cascadia Res. Collective, 218 1/2 W. Fourth Ave., Olympia, WA 98501, USA.)
- CASTRO, G. & MYERS, J.P. 1989. Flight range estimates for shorebirds. *Auk* 106: 474-476. (dept. of Biology, Univ. of Pennsylvania, Philadelphia, Pennsylvania, 19104 USA.)
- CHERNOV, Y.I. & KHLEBOSOLOV, E.I. 1988. (Mechanisms of the separation of food resources and formation of community structure in waders in tundra.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 147-153. In Russian.
- DANKO, S. 1988. [Migration of *Limicola falcinellus* in the lowlands of eastern Czechoslovakia.] *Haja* III - IV: 49-60. In Czech with German summary. (Zemplinske museum, 07101 Michalovce, CSSR.)
- DIENER, B. 1989. (The status of gulls, terns and waders on the Hallig Langeness (Schleswig-Holstein Wadden Sea) 1983-1987.) *Corax* 13: 168-180. In German with English summary. (Niederwaldstr. 43, 6200 Wiesbaden, W.Germany.)
- DITTMANN, D.L., ZINK, R.M. & GERWIN, J.A. 1989. Evolutionary genetics of phalaropes. *Auk* 106: 326-331. (Mus. of Zool., Louisiana State Univ., Baton Rouge, Louisiana 70803, USA.)
- DOWDING, J.E. 1989. An introduction to the New Zealand Dotterel. *Stilt* 14: 61-63. (34 Marion Str., Macandrew Bay, Dunedin, New Zealand.)
- DUBOVIK, A.D., ADAM, A.M., BAYANDIN, O.V., BURETS, S.P., KILIN, S.V., LYALIN, V.G. & MILOVIDIV, S.P. 1988. (The Curlew (*Numenius arquata*) in Tomsk Region.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 45-47. In Russian.
- ESSELINK, P., VAN BELKUM, J. & ESSINK, K. 1989. The effect of organic pollution on local distribution of *Nereis diversicolor* and *Corophium volutator*. *Neth. J. Sea Res.* 23: 323-332. (RWS Tidal Water Division, P.O. Box 207, 9750 AE Haren, The Netherlands.) - Discuss implications for feeding and distribution of Avocets in the Dollard.

- FLINT, V.E. & TOMKOVICH, P.S. (eds.) 1988. [Waders in the USSR: distribution, biology and conservation.] Moscow, Nauka, 175p. In Russian - Papers from the 3rd conference "Distribution, biology and conservation of waders", 29-30 October 1987.
- FLINT, V.E. & TOMKOVICH, P.S. 1988. (Studies of waders: some results and perspectives.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 3-13. In Russian.
- GARDARSSON, A. & NIELSEN, O.K. 1989. (Seasonal variation in numbers of birds on two tidal mudflats in SW Iceland. Part I. Shorebirds.) *Natturufræðingurinn* 59: 59-84. In Icelandic with detailed English summary. (Institute of Biology, Univ. of Iceland, Grensasvegur 12, 108 Reykjavik, Iceland.)
- GAVRILOV, E.I. & BEKBAYEV, E.Z. 1988. [Assessment of energy resources in live waders of several species during their autumn migration.] *Zool. Zh.* 67(12): 1901-1903. In Russian with English summary. (Inst. Zool. Kazakh SSR Acad. Sci., Alma-Ata, USSR.) - *Phalaropus lobatus*, *Calidris minuta*, *Charadrius Dubius* and *C. alexandrinus* in the USSR.
- GERASIMOV, N.N. 1988. (The Whimbrel (*Numenius phaeopus*) on Kamchatka Peninsula.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 26-31. In Russian.
- GLUSHCHENKO, Y.N. 1988. (Materials to the knowledge of wader migrations along the coasts of the Great Peter's Bay, Primorye.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 31-37. In Russian.
- GRISTCHENKO, V.N. & SEREBRYAKOV, V.V. 1988. (Motion of spring migration of Lapwing (*Vanellus vanellus*) over Ukraine according to the phenological observations.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 41-44. In Russian.
- HARRINGTON, B.A., MYERS, J.P. & GEAR, J.S. 1989. Coastal refueling sites for global bird migrants. In: Magoon, O.T., Converse, H., Miner, D., Tobin, L.T. & Clark, D. (eds.). *Coastal zone '89: Proceedings of the Sixth symposium on Coastal and Ocean Management*, Vol. 5, pp. 4293-4307. (Manomet Bird Observatory, Manomet, MA 02345, USA.)
- ISHIKAWA, T. & NAKAMURA, T. 1988. (Ecological separation and comparative feeding behaviour of shorebirds in Niigata prefecture.) *Jpn. J. Ornithol.* 36: 159-171. In Japanese with English summary. (Nagano City Tsumei Primary School, Onbegawa 270, Nagano City, Nagano 388, Japan.)
- JEHL, J.R. Jr. & MURRAY, B.G. Jr. 1989. Response: Evolution of sexual size dimorphism. *Auk* 106: 155-157. (Sea World Res. Inst., Hubbs Marine Res. Center, 1700 South Shores Road, San Diego, California, 92109 USA.) - Response to Mueller, H.C. 1989, *Auk* 106: 154-155.
- JELLMANN, J. 1989. (Radar measurements of the height of nocturnal migration in spring and midsummer in NW Germany.) *Die Vogelwarte* 35: 59-63. In German with English summary. (Otterhaken 5, 2102 Hamburg 93, W.Germany.) - Including data on flight altitudes of waders.
- KALSI, R.S. & KHERA, S. 1987. Agonistic and distraction behaviour of the Redwattled Lapwing, *Vanellus i. indicus*. *Pavo* 25: 43-56. (Dept. Zool., Punjab Univ., Chandigarh 160 014, India.)
- KOZLOV, V.P. & KUZMENKO, V.Y. 1988. (The Whimbrel (*Numenius phaeopus*) in Lake area of Northern Byelorussia.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 59-61. In Russian.
- KOLOMIJITSEV, N.P. 1988. (To the ecology of the Long-billed Ringed Plover (*Charadrius placidus*)). In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 62-67. In Russian.
- LANK, D.B. 1989. Why fly by night? Inferences from tidally induced migratory departures of Sandpipers. *J. Field Ornithol.* 60: 154-161. (Dept. of Biology, Queen's Univ., Kingston, Ontario K7L 3N6, USA.)
- LEOPOLD, M.F., SWENNEN, C. & DE BRUIJN, L.L.M. 1989. Experiments on selection of feeding site and food size in Oystercatchers, *Haematopus ostralegus*, of different social status. *Netherlands Journal of Sea Research* 23: 333-346. (Netherlands Institute for Sea Research, P.O. Box 59, 1790 Ab Den Burg, Texel, The Netherlands.)
- LITUN, V.I. 1988. (On the outcome of spring hunting on the Woodcock (*Scolopax rusticola*) in Kirov Region.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 87-90. In Russian.
- LYSENKO, V.I. 1988. (Waders as the objects of hunting in the region near Azov and Black Seas of Ukraine.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 90-93. In Russian.
- MADDERS, M. & MOSER, M. 1989. Coastal waders in winter on Tiree and Coll. In: Stroud, D.A. (ed.). *Birds on Coll and Tiree: status, habitats and conservation*, pp. 67-74.
- MASON, C.F. 1989. Parallel changes in numbers of waders and geese. *Bird Study* 36: 80-82. (Dept. of Biology, Univ. of Essex, Wivenhoe Park, Colchester CO4 3SQ, UK.) - Regular cycles in numbers of few wader species in a 23 yrs series of counts from an inland reservoir.
- McNICHOLL, M.K. 1988. Ecological and human influences on Canadian populations of grassland birds. In: Goriup, P.D. (ed.). *Ecology and conservation of grassland birds*. ICBP Techn. Publ. 7, Cambridge, pp. 1-25. (218 First Ave., Toronto, Ontario, M4M 1X4 Canada.)

- MEEUWSEN, H. & VAN SCHAREBURG, K. 1988. [Bird concentrations in Groningen. Atlas of bird concentrations and local flight movements in the province of Groningen.] Report Prov. Planologische Dienst, Afd. Landinrichting, Groningen, 133pp. In Dutch. - Distribution and flight paths of waders impressively summarized on coloured maps.
- MEIRE, P.M. & KUIJKEN, E. 1987. A description of the habitat and wader populations of the Slikken van Vianen (Oosterschelde, The Netherlands) before major environmental changes and some predictions on expected changes. *Le Gefaut* 77: 283-311. (Laboratorium voor Ecologie der Dieren, Rijksuniversiteit Gent, K.L. Ledegankstraat 35, Gent, Belgium.)
- MISTCHENKO, A.L. 1988. (Use of fishing ponds by waders in Moscow Region.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 97-100. In Russian.
- MUELLER, H.C. 1989. Aerial agility and the evolution of reversed sexual dimorphism (RSD) in shorebirds. *Auk* 106: 154-155. (Dept. of Biology, Univ. of North Carolina, Chapel Hill, North Carolina, 27599-3280 USA.) - Comments on a paper by Jehl & Murray in *Current Ornithol.* 3: 1-86.
- OAG MUNSTER. 1988. (Goals and first results of the International Wader Counts: Off migration of waders inland.) *Die Vogelwelt* 109: 3-25. In German with English summary. (Biologische Station, Coermuhle 181, 4400 Munster, W.Germany.)
- OAG MUNSTER. 1989. (Winter occurrence of Green Sandpipers (*Tringa ochropus*) in the sewage farms of Munster.) *Die Vogelwelt* 110: 130-142. In German with English summary. - data of population changes, length of stay, site-fidelity.
- OLIOSOS, G. 1989. (Behaviour of young Spotted Sandpiper *Actitis macularia* before potential predator.) *L'Oiseau* 59:170. In French with English summary.
- PALFERY, J. 1988. A note on the feeding behaviour of Greater Sand Plover. *Sandgrouse* 19: 105-106.
- PENNYCUICK, C.J. 1989. *Bird flight performance: a practical calculation manual*. Oxford University Press, Oxford, 153p. ISBN 0-19-857721-4. - Mechanical approach to flight energetics, BASIC programmes to calculate flight performance, e.g. flight ranges. Programmes provided on a 5 1/4" disc for IBM compatible computers.
- PICKEN, V. 1988. Fantail Snipe *Gallinago gallinago* perching on overhead wire. *Hong Kong Bird Rep.* 1987:103. (Flat 6, Mansfield Rd., The Peak, Hong Kong.)
- PIERSMA, T. 1989. Seasonal changes in the food requirements of Knots. *Netherlands Institute for Sea Research Publ. Series No. 16: 22-23*. (Netherlands Institute for Sea Research, P.O. Box 59, 1790 AB Den Burg, Texel, The Netherlands.)
- PIERSMA, T. & DUIVEN, P. 1989. Spring departure of waders from Banc d'Arguin, Mauritania. *Netherlands Institute for Sea Research Publ. Series No. 16: 24-26*.
- RAUDONIKIS, L.V. & GRAZHULEVICHIUS, G.B. 1988. (Prognosis for a spring appearance of waders in Lithuania.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 113-188. In Russian.
- RENSENBRINK, T.G. 1987. [Meadowbirds in relation to food availability, bottom characteristics and hydrology.] *R.I.J.P.-rapport 1988-29cwb*, Lelystad. In Dutch. (Rijksdienst voor de Ysselmeerkust, P.O. Box 600, Lelystad, The Netherlands.)
- REZANOV, A.G. & KHOROKOV, V.V. 1988. (Feeding behaviour of the Redshanks (*Tringa totanus*) during autumn migration.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 118-123. In Russian.
- ROBERTS, D., RITTSCHOF, D., GERHART, D.J., SCHMIDT, A.R. & HILL, L.G. 1989. Vertical migration of the clam *Mercenaria mercenaria* (L.) (Mollusca: Bivalvia): environmental correlates and ecological significans. *J. Exp. Mar. Biol. Ecol.* 126: 271-280. (Duke Univ. Marine Lab., Beaufort, North Carolina, USA.) - A field study of marked individuals and laboratory experiments showing vertical migration rhythm in synchrony with local tidal cycle. Predation by avian predators suggested as a selective pressure.
- SAGITOV, A.K. & FUNDUKCHIEV, S.E. 1988. (Materials to the biology of the White-tailed Plover (*Chettusia leucura*.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 126-129. In Russian.
- SARYCHEV, V.S. 1988. (Waders on natural and man-made waterbodies in the eastern part of Srednerusskaya Height.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 129-134. In Russian.
- SCHULZ, M. 1989. Feeding notes on the Terek Sandpiper. *Stilt* 14: 53-55. (167 S. Beach Rd., Bittern, Vic. 3918, Australia.)
- SCHULZ, M. 1989. Sooty Oystercatcher feeding on a washed up Cunjevoi. *Stilt* 14: 66-67.
- SHUBIN, A.O. & BOLSHAKOV, N.M. 1988. (Ecological control of the territorial behaviour in the Sanderling (*Calidris alba*.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 153-162. In Russian.
- SPEARPOINT, J.A., EVERY, B. & UNDERHILL, L.G. 1988. Waders (Charadrii) and other shorebirds at Cape Recife, Algoa Bay, South Africa: seasonality, trends, conservation, and reliability of surveys. *Ostrich* 59: 166-177. (Potgieter Steet, Parsons Hill, Port Elizabeth, South Africa, 6001.)
- STERBETZ, I. 1988. [Stomach analysis of 27 wader species in Kardoskut-Feherto, Southeast Hungary.] *Aquila* 94: 142-161. In Hungarian. (Budapest, Fiver u. 4/a, H-1131, Hungary.)
- STISHOV, M.S. 1988. (Spatial distribution and community structure of waders on Vrangal Islands.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 134-141. In Russian.

- STRANN, K.-B. 1987. [The Knot - a migrant with unbelievable strength.] *Ottar* 5/87: 21-25. In Norwegian.
- STROUD, D.A. (ed.) 1989. *Birds on Coll and Tiree: status, habitats and conservation*. Nature Conservancy Council/Scottish Ornithologists' Club, Edinburgh, 191p. (Copies can be obtained from the Scottish Ornithologists' Club, 21 Regent Terrace, Edinburgh, Scotland. £6.50 including postage)
- SUMMERS, R.W., ELLIS, P.M. & JOHNSTON, J.P. 1988. Waders on the coast of Shetland in winter: numbers and habitat preferences. *Scottish Birds* 15: 71-79. (Leenane, Gong Lane, Burnham Overy Staithe, King's Lynn, Norfolk, UK.)
- SWENNEN, C. 1989. the role of tropical intertidal areas in the life cycle of migratory palearctic waders. *Netherlands Institute for Sea Research Publ. Series* No. 16:24. (Netherlands Institute for Sea Research, P.O. Box 59, 1790 AB Den Burg, Texel, The Netherlands.)
- SWENNEN, C., LEOPOLD, M.F. & DE BRUIJN, L.L.M. 1989. Time stressed Oystercatchers *Haematopus ostralegus*, can increase their intake rate. *Anim. Behav.* 38: 8-22. - Oystercatcher in outdoor aviary were put under stress by varying the durations of low-water period.
- UNDERHILL, L.G., WALTNER, M. & SUMMERS, R.W. 1989. Three-year cycles in breeding productivity of Knots *Calidris canutus* wintering in Southern Africa suggest Taimyr Peninsula provenance. *Bird Study* 36: 83-87. (Dept. of Mathematical Statistics, Univ. of Cape Town, Rondebosch, South Africa.)
- UTTLEY, J.D., THOMAS, C.J., GREEN, M.G. SUDDABY, D. & PLATT, J.B. 1988. The autumn migration of waders and other waterbirds through northern United Arab Emirates. *Sandgrouse* 10: 58-70.
- WHITE, R.P. 1988. Wintering grounds and migration patterns of the Upland Sandpiper. *Am. Birds* 42: 1247-1253. (Geogr. Dept., Univ. Wis, Madison 53706, USA.) - *Bartramia longicauda* in Argentina.
- YURLOV, A.K. 1988. (Seasonal migrations of Sandpipers (*Calidris* spp.) in the southern part of Western Siberia.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribuion, biology and conservation*, pp. 162-168. In Russian.
- DISTRIBUTION AND FAUNISTICS**
- BAKWELL, D.N. & HOWES, J.R. 1989. Further observations on the shorebirds in the Lower Gangetic Delta, Bangladesh. *Stilt* 14:60.
- BUCEK, J. 1988. [Record of an Oystercatcher (*Haematopus ostralegus*) near Zempliske, CSSR.] *Haja* III - IV: 110-111. In Czech with German summary. (Makarenkova 23, 1200 Praha 2, CSSR.)
- CARLSON, S. 1988. A Ruff at French Lake. *Loon* 60:181. (2705 Dupont Ave S., Minneapolis, MN 55408, USA.) - *Philomachus pugnax* in Minnesota.
- COOKE, R.G. & BUSH, M. 1989. Out-of-season Red-necked Phalaropes in Central Panama. *J. Field Ornithol.* 60: 39-42. (Smithsonian Trop. Res. Inst., Panama APO, Miami, FL 34002-0011, USA.)
- DANKO, S. 1988. [Second record of Pectoral Sandpiper (*Calidris melanotos*) in Czechoslovakia.] *Haja* III - IV: 112-115. In Czech with German summary. (Zemlinske museum, 07101 Michalovce, CSSR.)
- DANKO, S. 1988. [The occurrence of *Phalaropus fulicarius* in Czechoslovakia.] *Haja* III - IV: 115-116. in Czech with German summary.
- DAVIES, S. & RIEGEN, A. 1989. Waders which are rare in New Zealand, and the incidence of rare migrant waders in the past four years. *Stilt* 14: 63-64. (Dept. of Philosophy, Priv. Bag. Auckland, New Zealand.)
- ERFTEMEIJER, P. & DJUHARSA, E. 1988. *Surveys of Coastal Wetlands and Waterbirds in the Brantas and Solo Deltas, East Java (Indonesia)*. AWB/INTERWADER - PHPA, Bogor, 108pp with 20 B/W photos. (Available for US \$ 12 from: Publication Section, Asian Wetland Bureau, Univ. of Malaya, Lembah Pantai, 59100 Kuala Lumpur, Malaysia.)
- FALL, B.A. 1988. Deletion of Mountain Plover from Minnesota State list. *Loon* 60: 146-148. (4300 29th St S., Minneapolis, MN 55406, USA.)
- GIBSON, D.D. & KESSEL, B. 1989. Geographic variation in the Marbled Godwit and description of an Alaskan subspecies. *Condor* 91: 436-443. (Univ. of Alaska Museum, 907 Yukon Drive, Fairbanks, AK 99775, USA.) - *Limosa fedoa beringiae*.
- GILLIGAN, J., SCHMIDT, O., NEHLS, H. & IRONS, D. 1987. First record of Long-toed Stint in Oregon. *West. Birds* 18: 126-128. (26 N.E. 32nd Ave., Portland, OR 97232, USA.)
- GLASSEL, R. 1988. Ruff at Geis Lake, Scott County. *Loon* 60:181. (8210 Wentworth Ave., Bloomington, MN 55420, USA.)
- HALSE, S.A. & HALSE, N.J. 1988. Seabirds and shorebirds at Ningaloo in winter, with comments on Hutton's Shearwater. *West. Aust. Nat.* 17(5): 97-105.
- HEWISH, M. 1989. The summer 1988 population monitoring count; Banded Stilts at monitored sites in south-eastern Australia. *Stilt* 14: 14-20. (74 Wellington St., Bacchus Marsh, Vic. 3340, Australia.)
- JAENSCH, R. & BLYTH, J. 1988. A Redshank at Peel Inlet and a review of its status in Western Australia. *West. Aust. Nat.* 17(5): 106-109. (Royal Australasian Ornithol. Union, 30/15 Ogilvie Rd., Canning Bridge, W.A. 6153, Australia.)
- KIENHOLZ, D. 1988. A fall record of Long-billed Curlew. *Loon* 60:186. (1660 Martin Rd., Duluth, MN 55804, USA.)
- KIRBY, J.S., KIRBY, K.K. & WOOLFALL, S.J. 1989. Curlew Sandpipers in Britain and Ireland in autumn 1988. *Brit. Birds* 82: 399-409. (BTO, Beech Grove, Station Road, Tring, Hertfordshire HP23 5NR, UK.)

- LaSHELLE, D. 1988. Spotted Redshank in Jefferson County, Kansas. *Kans. Ornithol. Soc. Bull.* 39(4): 38-39. (1221 SW Tyler, No. 8, Topeka, KS 66612-1763, USA.)
- MACTAVISH, B. 1988. Greater Golden Plover invasion, 1988. *Bullbird* 3(3): 16-25. (37 Waterford Bridge Rd., St. John's, NF, Canada A1E 1C5.) - *Pluvialis apricaria* in Canada.
- MAGSALAY, P. 1988. 1986 Wader Survey in Cebu, Philippines. ABW, Kuala Lumpur and Cebu City, 25pp. (Available for US \$ 3 from: Publication Section, Asian Wetland Bureau, Univ. of Malaya, Lembah Pantai, 59100 Kuala Lumpur, Malaysia.)
- MAGYAR, G. 1988. [First occurrence of Killdeer (*Charadrius vociferus*) in Hungary.] *Aquila* 94: 182-184. In Hungarian. (Budapest, Kigyo u. 2, H-1052, Hungary.)
- MALONEY, R. 1988. A Ruff at Lake Wainono. *Notornis* 35:328.
- MARSHALL, D.B. 1989. A review of the status of the Snowy Plover in Oregon. *Oreg. Birds* 15: 57-76. (4265 S.W. Chesapeake Ave., Portland, OR 97201, USA.)
- MEDLAND, R.D. 1988. White-fronted Sandplover, *Charadrius marginatus*, at Lumbadzi sewage works, Lilongwe. *Nyala* 12(1/2): 73-74. (P.O. Box 30370, Lilongwe 3, Malawi.)
- MEISSNER, W. & SKAKUJ, M. 1988. (Field identification of Common, Great, Pin-tailed and Swinhoe's Snipes.) *Notatki Ornithologiczne* 29: 67-76. In Polish with English summary.
- MISKELLY, C.M. 1988. The Little Barrier Island Snipe. *Notornis* 35: 273-281.
- MORRIS, A.K. 1989. Hooded Plover survey - New South Wales. *Stilt* 14:37. (P.O. Box 1392, Gosford South, NSW 2250, Australia.)
- MURLIS, M. 1989. Hooded Plover and Pied Oystercatcher survey - Victoria 1988. *Stilt* 14: 33-36. (34 Centre Rd., Vermont, Vic. 3133, Australia.)
- OLLINGTON, R.F. & PARISH, D. 1988. Lesser Yellowlegs *Tringa flavipes* in Sumatra: new to S.E. Asia. *Kukila* 4: 58-61.
- PFEIFER, R. 1989. [Unprecedented spring migration of Golden Plover *Pluvialis apricaria* in Bavaria.] *Anz. orn. Ges. Bayern* 27: 291-292. In German. (Dilcherstr. 10, 8580 Bayreuth, W.Germany.)
- RASHID, S.M.A. 1989. Some observations on the shorebirds of some islands in the Lower Gangetic Delta, Greater Noakhali District, Bangladesh. *Stilt* 14: 57-59. (Nature Cons. Movement, 29/c/1. North Kamalapur, Dhaka-1217, Bangladesh.)
- REICHOLF, J. 1989. (Why did Gull-billed Tern *Gelochelidon nilotica* and Stone Curlew *Burhinus oedicnemus* vanish from Bavaria?) *Anz. orn. Ges. Bayern* 28: 1-14. In German with English summary. (Zool. Staatssaml., Munchhausestr. 21, 8000 Munchen, W.Germany.)
- RICHARDS, B. 1989. Red-necked Stint new to Britain and Ireland. *Brit. Birds* 82: 391-395. (70 Giffords Close, Bransholme North, Hull, North Humberside HU7 5BH, UK.)
- SCHMIDT, A. & SOS, E. 1988. [Pectoral Sandpiper (*Calidris melanotos*) in Hungary.] *Aquila* 94:185. In Hungarian.
- SELLIN, D. 1989. (A new record of Kentish Plover (*Charadrius alexandrinus*) in the Polish inland.) *Die Vogelwelt* 110: 193-195. In German with English summary. (Dubnaring 1, DDR-2200 Greifswald, E.Germany.)
- STARKS, J. 1987. Report on INTERWADER shorebird surveys in Thailand. (Report based on surveys between April 1984 and March 1985.) 69pp. (Available for US \$ 8 from: Publication Section, Asian Wetland Bureau, Univ. of Malaya, Lembah Pantai, 59100 Kuala Lumpur, Malaysia.)
- STEPHENS, D.A. & STEPHENS, J.E. 1987. An American Oystercatcher in Idaho. *West. Birds* 18: 215-216. (Dept. of Biol. Sci., Idaho State Univ., Pocatello 82309, USA.)
- STEWART, I. 1989. Hooded Plover survey - South Australian/Victorian border to Murray Mouth. *Stilt* 14: 32-33.
- THEVENOT, M. 1989. (The Slender-billed Curlew *Numenius tenuirostris* wintering in Morocco.) *Alauda* 57: 47-59. In French with English summary.
- TOMKOVICH, P.S. 1988. (The Semipalmated Sandpiper (*Calidris pusilla*) - new breeding species for the USSR.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 141-147. In Russian. (Zool. Mus. of the Moscow Lomonosov State Univ., Herzen Street 6, Moscow K-9, USSR.)
- VIDAL, A. 1989. [A new breeding record of Common Sandpiper *Actitis hypoleucos* in Bavaria.] *Anz. orn. Ges. Bayern* 27: 286-287. In German. (Rilkstr. 20a, 8417 Lappersdorf, W.Germany.)
- WATSON, A., NETHERSOLE-THOMPSON, D., DUNCAN, K., GALBRAITH, H., RAE, S., SMITH, R. & THOMAS, C. 1988. Decline of shore waders at Loch Morlich. *Scott. Birds* 15: 91-92. (Inst. Terrestrial Ecol., Banchory, Kincardineshire AB3 4BY, Scotland.)
- MISCELLANEOUS
- ANON. 1988. (Resolution of the Third Conference "Distribution, biology and protection of Waders".) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 168-170. In Russian.
- ANON. 1988. (Ringling of waders at the Vistula Mouth in the years 1983-1986.) *Notatki Ornithologiczne* 29: 91-94. (In Polish with English summary.)
- EDWARDS, D.D. & BUSH, A.O. 1989. Helminth communities in Avocets: importance of the compound community. *J. Parasitol.* 75: 225-238. (Dept. of Biology, Wake Forest Univ., Winston-Salem, North Carolina 27109, USA.) - *Recurvirostra americana*.
- ERFTEMEIJER, P., VAN BALEN, B. & DJUHARSA, E. 1988. *The Importance of Segara Anakan for Conservation, with Special Reference to its Avifauna. AWB/INTERWADER - PHPA, Bogor, Kuala Lumpur, 50pp + photo summary.* (Available for US \$ 6 from: Publication Section, Asian Wetland Bureau, Univ. of Malaya, Lembah Pantai, 59100 Kuala Lumpur, Malaysia.)

- HEIDMANN, W.A., BUTHE, A., BEYERBACH, M., LOHMER, R. & RUSSEL-SINN, H.A. 1989. (Chlorinated hydrocarbons of some bird species breeding in the inland of Lower Saxony, FRG.) *J. Orn.* 130: 311-320. In German with English summary. (W.A.H.. Tier. Universitat, Bischofshoer Damm 15, 3000 Hannover 1, W.Germany.)
- HOGLUND, J. & LUNDBERG, A. 1989. Plumage color correlates with body size in the Ruff (*Philomachus pugnax*). *Auk* 106: 336-339.
- HOWES, J. 1987. *Rapid Assessment of Coastal Wetlands in the Philippines*. AWB, Kuala Lumpur & Cebu City, 99pp. (Available for US \$ 10 from: Publication Section. Asian Wetland Bureau, Univ. of Malaya, Lembah Pantai, 59100 Kuala Lumpur, Malaysia.)
- KONDRATIEV, A.Y. & KONDRATIEVA, L.F. 1988. (Some results of the helminthological examinations for the analysis of trophic waders.) In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 73-82. In Russian.
- MALAYSIAN WETLAND WORKING GROUP. 1987. *Malaysian Wetland Directory*. Dept. of Wildlife and National Parks, Peninsular Malaysia, Kuala Lumpur, 351pp. (Available for US \$ 15 from: Publication Section. Asian Wetland Bureau, Univ. of Malaya, Lembah Pantai, 59100 Kuala Lumpur, Malaysia.)
- MINTON, C. & WATKINS, D. 1989. N.W. Australia wader expedition March/April 1988. *Stilt* 14: 6-13. (165 Dalgety Rd., Beaumaris, Vic. 3193, Australia.)
- NECHAEV, V.A. 1988. (To the systematic of the Kentish Plover (*Charadrius alexandrinus*)). In: Flint, V.E. & Tomkovich, P.S. (eds.). *Waders in the USSR: distribution, biology and conservation*, pp. 110-113. In Russian.
- NECHAEV, V.A. & TOMKOVICH, P.S. 1988. (A new name for Sakhalin Dunlin (Aves, Charadriidae)). *Zoologicheskij Zhurnal* 67(10):1596. In Russian with English summary. (Institute of Biology and Pedology, Far East Science Center, USSR Academy of Science, Vladivostok, USSR.)
- OOSTING, B. 1989. [High tide roosts: bird areas to care about.] *Vogels* 9(1989): 168-170.
- PARR, J. 1988. *An Evaluation of Mangroves and Mudflats at Krabi, South Thailand*. ABW, Kuala Lumpur, 80pp. (Available for US \$ 8 from: Publication Section. Asian Wetland Bureau, Univ. of Malaya, Lembah Pantai, 59100 Kuala Lumpur, Malaysia.)
- RICCIARDI, S. 1988. Shorebirds and herons flock to Tower Gardens. *Md. Birdlife* 44(2): 65-67. (1132 Ferber Ave., Arnold, MD 21012, USA.)
- SILVIUS, M.J., STEEMAN, A.P.J.M., BERCZY, E.T., DJUHARSA, E. & TAUFIK, A.W. 1987. *The Indonesian Wetland Inventory. A preliminary compilation of information on wetlands of Indonesia*. PHPA-AWB/INTERWADER, EDWIN, Bogor, Indonesia. Vol. 1. 121pp, Vol. 2. 268 pp, 7 maps. (Available for US \$ 18 (sold as set) from: Publication Section. Asian Wetland Bureau, Univ. of Malaya, Lembah Pantai, 59100 Kuala Lumpur, Malaysia.)
- STROUD, D.A. & PIENKOWSKI, M.W. 1989. The conservation importance of Coll and Tiree: current land-use and future prospects. In: Stroud, D.A. (ed.). *Birds on Coll and Tiree: status, habitats and conservation*, pp. 143-148.
- SUMMERS, R.W. 1989. The use of linear measurements when comparing masses. *Bird Study* 36: 77-79. (Leenane, Gong Lane, Burnham Overy Staithe, King's Lynn, Norfolk, UK.) - Purple Sandpiper data.
- UERSK, D.W. & SEVERSON, K. 1988. Waterfowl and shorebird use of surface-mined and livestock water impoundments on the Northern Great Plains. *The Great Basin Naturalist* 48(3): 353-357. (Rocky Mountain Forest and Range Experiment Station, Rapid City, South Dakota 57701, USA.)
- VAN DER WINDT, H.J., DEKKER, J.N.M. & BRAND, E.C. 1989. (to intervene or not to intervene: the dilemma of nature conservation.) *Landschap* 1989(1): 3-18. In Dutch with English summary. (W & S, Biol. centrum, P.O. Box 14, 9750 AA Haren, The Netherlands.) - The history of the management of meadowbird populations in NL.

RECENT RINGING TOTALS

compiled by Robin M. Ward

Tables 1 and 2 list the ringing totals that we have received for the period January to December 1988 inclusive. In addition, since the publication of the ringing totals listings for 1985, 1986 and 1987 we have received some additional listings for those years. These additional records are listed in Tables 2, 3 and 4.

The nomenclature and systematic order used in the tables follow Hayman et al. (1986). Totals given in parentheses are for chicks, where these were reported separately from fully-grown birds.

So far these annual ringing totals are dominated by submissions from Western Europe. It is thus very encouraging to be able to list here reports from new contributors from eastern Europe, the Middle East and North America. Nevertheless the listing is certainly still very incomplete, especially for North America and we would like to encourage all members worldwide who catch and ring waders to send us their ringing totals.

REFERENCE

- Hayman, P., Marchant, J. & Prater, A.J. 1986. *Shorebirds: an identification guide to the waders of the world*. Croom Helm, London.