

## REFERENCES

- Bauer, S. & Thielcke, G. 1982. Gefährdete Brutvogelarten in der Bundesrepublik Deutschland und im Land Berlin: Bestandsentwicklung, Gefährdungsursachen und Schutzmassnahmen. *Die Vogelwarte* 31: 183-390.
- Bekhuis, J. et al. (eds.) 1987. *Atlas van de Nederlandse Vogels*. SOVON, Arnhem.
- Cramp, S. & Simmons, K.E.L. (eds.) 1983. *The Birds of the Western Palearctic*. Vol. III. Oxford University Press, Oxford.
- Dubois, P.J., & Mahéo, R. 1986. *Limicoles Nicheurs de France*. Ministre de l'environnement, Paris.
- Dybbro, T. 1970. (The Kentish Plover *Charadrius alexandrinus* as a breeding bird in Denmark). *Dansk Orn. Foren. Tidsskr.* 64: 205-222. (in Danish with English summary)
- Glutz von Blotzheim, U.N., Bauer, K.M.

& Bezzel, E. 1975. *Handbuch der Vögel Mitteleuropas*. Band 6. Charadriiformes (1. Teil). Akademische Verlagsgesellschaft, Wiesbaden.

Haftorn, S. 1971. *Norges Fugler*. Universitetsforlaget, Oslo.

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

Johnsgard, P.A. 1981. *The Plovers, Sandpipers and Snipes of the World*. University of Nebraska Press, Lincoln.

Jönsson, P.E. 1983. (The Kentish Plover *Charadrius alexandrinus* in Sweden - its status and breeding ecology). *Anser* 22: 209-230. (in Swedish with English summary)

Martinez-Vilalta, A. 1985. Breeding waders of the Iberian peninsula. *Wader Study Group Bull.* 45: 35-36.

Spitzenberger, F. 1988. *Artenschutz in Österreich*. Grüne Reihe des Bundesministerium für Umwelt, Jugend und Familie. Band 8. Wien.

Vaughan, R. 1980. *Plovers*. Terence Dalton, Lavenham.

## THE WSG KENTISH PLOVER PROJECT

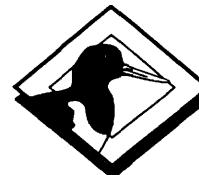
### INTERNATIONAL CO-ORDINATORS

Paul E Jönsson, Dept of Animal Ecology, University of Lund, S-223 62 LUND, Sweden

Rainer Schulz, Hooger Str. 2, D-2250 HUSUM, Germany

Peter.L. Meininger, Rijkswaterstaat, Tidal Waters Div., P.O. Box 8039, NL-4330 EA MIDDELBURG, The Netherlands

Támas Székely, Dept. of Zoology, Kosuth University, H-2010 DEBRECEN, Hungary



## RECENT PUBLICATIONS ON WADERS 51

compiled by Guðmundur A. Guðmundsson

In trying to make the list as complete and up to date as possible, all help is most welcome. If you are aware of that some journals that you have access to are badly covered or not at all, or that your name is not listed as often as it should!, then please send me a line. Remember to include, if available, the

address of the first author - that increases the usefulness. Also, include translations of titles if they are in other languages than English. Please send new titles, abstracts, reprints, omissions or corrections to:

Guðmundur A. Guðmundsson, Department of Ecology, University of Lund, Ecology Building, S-223 62 LUND, Sweden.

For help with this issue I am grateful to Ian Bainbridge, Jaga Gromadzka, Vadim V. Gavrilov and Theunis Piersma.

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

### BREEDING

ADAMSONS, V. 1989 [The Curlew *N. arquata* as a nesting bird in the anthropogenic landscape.] *Putni Daba* 2:188. In Latvian.

BRAGER, S. & MEISSNER, J. 1990 (Does the Black-tailed Godwit *Limosa limosa* prefer intensively or extensively managed meadows for reproduction?) *Corax* 13:387-393. In German with



English summary. (Hasselmannstr. 27, D-2300 Kiel, Germany.)

BRUNTON, D.H. 1990 The effect of nesting stage, sex, and type of predator on parental defense by Killdeer-*Charadrius vociferous*: testing models of avian parental defense. *Behav. Ecol. Sociobiol.* 26:181-190. Dept. of Biology, Yale Univ., OML, P.O.Box 6666, New Haven, CT 06511-7444, U.S.A.

BYRKJEDAL, I. 1989 Nest defence behavior of Lesser Golden-plovers. *Wilson Bull.* 101:579-590. Mus.Zool., Univ. Bergen, N-5007 Bergen, Norway.

DE SOUZA, J.A. & DOMINGUEZ, J. 1989 Breeding numbers and distribution of the Kentish Plover *Charadrius alexandrinus* in Galicia, NW Spain. In Spanish with English summary. Eusebio da Guarda, 6-1., 15007 La Coruna, Spain.

GREEN, R.E., HIRONS, G.J.M. & CRESWELL, B.H. 1990 Foraging habitats of female Common Snipe *Gallinago gallinago* during the incubation period. *J. appl. Ecol.* 27:325-335.

KOFFIJBURG, K. & VAN DIJK, K. 1990 [Breeding bird survey of Avocet, plovers, gulls and terns in the province of Groningen in 1989.] *Grauwe Gors* 18:14-21. In Dutch. Uiteinderweg 2, 9905 RG Holwierde, Netherlands.

KRUK, M., van AGT, B. & TEKKE, R. 1990 Female Lapwing lays again after loss of chicks. *Vanellus* 43:21-23. In Dutch. Milieubiologie, Univ. of Leiden, P.O.Box 9516, 2300 RA, Leiden, Netherlands.

MAINARDI, R. 1985 Kentish Plover *Charadrius alexandrinus* in the province of Livorno: Breeding in natural and artificial sites.) *Quad. Mus. Stor. Nat. Livorno* 6:119-122. In Italian with English summary. Museo di Storia Naturale, Sezione Ornitologia, via Roma 234, 57127 Livorno, Italy.

McAULEY, D.G., LONGCORE, J.R. & SEPIK, G.F. 1990 Renesting by Ameri-

can Woodcocks *Scolopax minor* in Maine. *Auk* 107:407-410. (US Fish and Wildl. Sev., Patuxent Wildl. Res. Center, Northeast Research Group, 242 Nutting Hall, Univ. of Maine, Orono, Maine 04069, U.S.A.)

MEININGER, P.L. 1990 Populations of breeding waders and terns in the Dutch Delta-area in 1989, with a summary of 11 years of monitoring, 1979-1989. Nota GWAO - )0.083, Middelburg, 48pp. In Dutch. RWS-DGW, P.O.Box 8030, 4330 EA Middelburg, Netherlands.

PEARSON, D. 1989 Breeding of the Banded Stilt in the western Australian goldfields during 1986. *West. Aust. Nat.* 18(2):34-36. Dep. Conserv. & Land Manage. P.O. Box 366, Kalgoorlie, W.A. 6430, Australia.

RIMMER, D.W. & DEBLINGER, R.D. 1990 Use of predator exclosures to protect Piping Plover nests. *J. Field Ornithol.* 61:217-223.

SNYDER, D.L., RIEMENSCHNEIDER, V., INMAN, V.W. & GOLLER, F. 1989 Current status of the Upland Sandpiper breeding area of South Bend, Indiana. *Indiana Audubon Q.* 67:198-202. South Bend Audubon Soc., South Bend, Indiana, U.S.A.

SOVON 1989 Qualitative description of the developments of the breeding meadowbird population in the Netherlands in 1978-1988.] SOVON-rapport 89/02, Beek-Ubbergen. In Dutch. (SOVON, P.O.Box 81, 6573 ZH Beek, Netherlands.)

WARD, D. 1990 Incubation temperatures and behavior of Crowned, Black-winged and Lesser Black-winged Plovers. *Auk* 107:10-17. Dept. of Zool. and Entomol., Univ of Natal, Pietermaritzburg 3200, South Africa.

WELLS, J.V. & VICKERY, P.D. 1990 Willet nesting in Sphagnum bog in eastern Main. *J. Field Ornithol.* 61:73-75.

## BEHAVIOUR, ECOLOGY & EVOLUTION

ALERSTAM, T., GUDMUNDSSON, G.A., J-NSSON, P.E., KARLSSON, J. & LINDSTR-M, A. 1990 Orientation, migration routes and flight behaviour of Knots, Turnstones and Brant Geese departing from Iceland in spring. *Arctic* 43:201-214. Dept. of Ecology, Animal Ecology, Univ. of Lund, Ecology Building, S-223 62 Lund, Sweden.

AMAT, J.A. & AGUILERA, E. 1990 Tactics of black-headed gulls robbing egrets and waders. *Anim. Behav.* 39:70-77. Estacion Biologica de Donana, E-41013 Sevilla, Spain.

ANON. 1990 Premiers resultats fournis par le bagage de vanneaux dans le marais breton. *B.M. O.N.C. No.* 148:7-8. In French. (Office National de la Chasse, Chanteloup, F-85340 L'Ile-d'Olonne, France.)

AVERY, M.J. & HAINES-YOUNG, R.H. 1990 Population estimates for the Dunlin *Calidris alpina* derived from remote sensed satellite imagery of the flow country of northern Scotland. *Nature* 6269.

BALDASSARRE, G.A. 1988 Piping Plover *Charadrius melanotos* research on the Gulf Coast of Alabama. *Alabama Birdlife* 35 (2&3):12-17. Environ. For. Biol., SUNY College Environ.Sci. For., Syracuse, NY 13210, U.S.A.

BARTER, M.A. 1989 Survival rate of Double-banded Plovers *Charadrius bicinctus bicinctus* spending the non-breeding season in Victoria. *Stilt* 15:34-36. 21 Chivalry Ave., Glen Waverley, Vic. 3150, Australia.

BARTER, M.A. 1989 Where do Australia's migratory waders breed. *Stilt* 15:12.

BEINTEMA, A.J. & VISSER, G.H. 1989 The effect of weather on time budgets



- and development of chicks of meadow birds. *Ardea* 77:181-192. Research Institute for Nature Management, P.O.Box 9201, 6800 HB Arnhem, Netherlands.
- BOLAND, J.M. 1990 Leapfrog migration in North American shorebirds: intra- and interspecific examples. *Condor* 92:284-290. Dept. of Biol., Univ. of California, Los Angeles, CA 90024, U.S.A.
- BOLSTER, D.C. & ROBINSON, S.K. 1990 Habitat use and relative abundance of migrant shorebirds in a western Amazonian site. *Condor* 92:239-242. Dept. of EPO Biol., Univ. of Colorado, Boulder, CO 80309, U.S.A.
- BRAUER, L. 1989 Staging Whimbrels on Samso, eastern Jutland 1982-1988.) *Dansk Ornithol. Foren. Tidsskr.* 83:157-159. In Danish with English summary. Skodsborgparken 44, 2942 Skodsborg, Denmark.
- BUKER, J.B. & GROEN, N.M. 1989 Distribution of Black-tailed Godwits *Limosa limosa* in different grassland types during breeding season. *Limosa* 62:183-190. In Dutch with English summary. Directie Beheer Landbouwgronden, Postbus 20 022, 3502 LA Utrecht, Netherlands.
- BURKLI, W. 1990 Fish as prey of the Common Sandpiper *Actitis hypoleucos* *Orn Beob.* 87:59. Chesa Erica, CH-7503 Samedan, Switzerland.
- CASTRO, G. & MYERS, J.P. 1988 A statistical method to estimate the cost of flight in birds. *J. Field Ornithol.* 59:369-380. Dept. of Biol., Colorado State Univ., Fort Collins, CO 80523, U.S.A.
- CASTRO, G. & MYERS, J.P. 1990 Validity of predictive equations for total body fat in andertlings from different nonbreeding areas. *Condor* 92:205-209.
- CASTRO, G., MYERS, J.P. & BERTOCHI, L.E. 1988 Predators of the Sanderling in Peru. *Biol. Lima* 58:57-58. In Spanish with English summary.
- DE LUST, R. 1987 On the courtship of the Stone Curlew. *Veldornitol. Tijdschr.* 10:92-109. In Dutch with English summary. Leegstr. 29, B-9960 Assenede, The Netherlands.
- DERLETH, E.L. & SEPIK, G.F. 1990 Summer - fall survival of American Woodcock in Maine. *J. Wildl. Manage.* 54:97-106. US Fish & Wildlife Service, Patuxent Wildlife Research Center, Laurel, MD 20708, U.S.A.
- DIERSCHKE, V. 1989 Nocturnal bird migration on Helgoland in summer 1987. *Vogelwarte* 35:115-131. In German with English summary. Gottl.-A.-Richter-Weg 5, D-3400 Göttingen, Germany.
- DOMINIGUEZ, J. & MANEIRO, J.C. 1988 The dynamics and phenology of Purple Sandpiper *Calidris maritima* and Common Sandpiper *Actitis hypoleucus* in the Pontevedra coast. *Rev. Cienc. Mar. Thalassas* 6:9-13. In Spanish with English summary. Dep. Biol. Anim., Fac. Biol., Univ. Santiago Compostela, Galicia, Spain.
- EIJKELENBOOM, A.A. & EIJKELENBOOM, E.C. 1990 Ten years of wader and waterbird counts on the Westplaat, Voorne, SW Netherlands. *Natura* 1990:54-57. In Dutch. Schakelweg 60, 3192 JM Hoogvliet, Netherlands.
- ENS, B.J., ESSELINK, P. & ZWARTS, L. 1990 Kleptoparasitism as a problem of prey choice: a study on mudflat-feeding Curlews, *Numenius arquata*. *Anim. Behav.* 39:219-230. Zoological Laboratory, University of Groningen, P.O.Box 14, 9750 AA Haren, Netherlands.
- FRANCOIS, J. 1989 La Barge queue noire *Limosa limosa* a nich en Lorraine. *Ciconia* 13:135-136.
- FRY, G. 1989 Biometrics, moult and migration of Broad-billed Sandpipers *Limicola falcinellus* spending the non-breeding season in North West Australia. *Stilt* 15:29-31. 46 Whitfield Parade, Hurstville Grove, N.S.W. 2220, Australia.
- GIRARD, O. 1989 Phenology of wader stagings in the Olonne Marsh (Vende). *Gibier Faune Sauvage* 6:321-360. Office National de la Chasse, Centre d'Etude et de Recherche Applique sur les Oiseaux d'eau, F-85340 L'Ile-d'Olonne, France.
- GOSS-CUSTARD, J.D. & LE V. DIT DURELL, S.E.A. 1990 Bird behaviour and environmental planning: approaches in the study of wader populations. *Ibis* 132:273-289.
- HOGLUND, J., ERIKSSON, M. & LINDELL, L.E. 1990 Females of the lek-breeding great snipe, *Gallinago media*, prefer males with white tails. *Anim. Behav.* 40:23-32. (Dept. of Zool., Uppsala Univ., Box 561, S-75122 Uppsala, Sweden.)
- HOGLUND, J., KALAS, J.A. & LOFALDLI, L. 1990 Sexual dimorphism in the lekking Great Snipe. *Ornis Scand.* 21:1-6.
- HOGLUND, J. & ROBERTSON, J.G.M. 1990 Spacing of leks in relation to female home ranges, habitat requirements and male attractiveness in the Great Snipe *Gallinago media*. *Behav. Ecol. Sociobiol.* 26:173-180.
- HOGLUND, J. & ROBERTSON, J.G.M. 1990 Female preference, male decision rules and the evolution of leks in the Great Snipe *Gallinago media*. *Anim. Behav.* 40:15-22.
- HOOGHART, J.C. & POSTHUMUS, C.W.S. (eds.) 1989 Hydro-ecological relations in the Delta waters of the South-West Netherlands. TNO Committee on Hydrological Research, The Hague, 156 pp. ISBN 90-6743-160-5. CHO-TNO, P.O.Box 297, 2501 BD Den Haag, Netherlands.
- HULSCHER, J.B. 1989 Mortality and survival of Oystercatcher *Haematopus ostralegus* during severe winter condi-



- tions. *Limosa* 62:177-182. In Dutch with English summary. Zoologisch Lab., R.U. Groningen, Postbus 14, 9750 AA Haren, Netherlands.
- IBANEZ, F. & TROLLIET, B. 1990 Northern Shoveler *Anas clypeata* nesting in the Marais Breton: Population numbers, distribution and relationships with waders. *Giber Faune Sauvage* 7:95-106. In French with English and German summaries. O.N.C. Malacor, F 44310 Saint-Philbert-de-Grand-Lieu, France. - *Vanellus vanellus*, *Tringa totanus*, *Gallinago gallinago*.
- JACKSON, D.J. 1989 Sociable Plover foot-pattering for earthworms. *Br. Birds* 82:620. 61 Grove Vale Ave., Great Barr, Birmingham B43 6DE, England.
- JEHL, J.R., Jr. 1988 Birdlife of the United States. Pp. 1-64, in: *Environmental Quality 1986*, 17th annual Environmental Quality Report of the Council on Environmental Quality, 722 Jackson Place NW, Washington, DC 20503, U.S.A. Hubbs-Sea World Res. Inst. 177 South Shores Rd., Mission Bay, San Diego, CA 92109, U.S.A. - Review of status and trends of selected groups of birds, e.g. shorebirds.
- JUKEMA, J. & PIERSMA, T. 1990 Refuelling at Paesens-Moddergat: on the spring migration of Bar-tailed Godwits. *Vanellus* 43:31-39. In Frisian with Dutch summary. Haerdawei 44, 8854 AC Oosterbierum, Netherlands.
- KEMPF, N., FLEET, D.M., R-SNER, H.-U. & PROKOSCH, P. 1989 Brut und Rastvogelzählungen in Schleswig-Holsteinischen Wattenmeer 1987/1988. Breeding and resting bird counts in the Wadden Sea of Schleswig-Holstein, 1987/1988. Report Landesamt für den Nationalpark Schleswig-Holsteinisches Wattenmeer, 96 pp. In German. (Available for DM 10.- from Landesamt, Am Hafen 40, D-2253 Tönning, Germany.)
- KOK, O.B. & ANDERSON, P.C. 1989 Diet composition of Crowned Plovers in open grassland. *S. Afr. J. Wildl. Res.*
- 19:122-125. In Africaans with English summary. Dep. Dierkunde-Entomol., Univ. Oranje-Vrystaat, Posbus 339, Bloemfontein 9300, South Africa.
- MAINARDI, R. 1987 The winter distribution of Lapwing and Golden Plover in the province of Livorno January 1986). Quad. Mus. Stor. Nat. Livorno 8:157-160. In Italian with English summary. Museo di Storia Naturale, Sezione Ornitologia, via Roma 234, 57127 Livorno, Italy.
- MEININGER, P.L. & VAN SWELM, N.D. 1989 Waders in the Eastern Scheldt, biometric and ringing research in the springs of 1984 and 1985. Rijkswaterstaat DGW Nota GWA 0-89.1009/ Stichting Ornithologische Station Voorne, Middelburg/Oostvoorne, 103 pp. In Dutch with English summary. (Available for Dfl 25 (incl. p & p) on giro 5346167 of Stichting Ornithologisch Station Voorne, Oostvoorne, Netherlands.)
- MEIRE, P.M. & DEREU, J. 1990 Use of the abundance/biomass comparison method for detecting environmental stress: some considerations based on intertidal macrozoobenthos and bird communities. *J. appl. Ecol.* 27:210-223.
- MEIRE, P.M., SEYS, J., YSERBAERT, T., MEININGER, P.L. & BAPTIST, H.J.M. 1989 A changing Delta: effects of large coastal engineering works on feeding ecological relationships as illustrated by waterbirds. Pp 109-145 in: J.C. Hooghart & C.W.S. Posthumus (eds.) Hydro-ecological relations in the Delta waters of the South-West Netherlands. TNO Comm. on Hydrological Research, The Hague, Netherlands.)
- MERILA, E. & RONKA, A. 1987 Mixed flocks of Starlings and Lapwings. *Aureola* 12:77-79. In Finnish with English summary.
- MINER, J.G. & BART, J. 1989 Woodcock abundance and hunter success: Regional trends from hunter surveys. *Wild. Soc. Bull.* 17:258-263. Coop. Fish & Wildl. Res. Unit, U.S. Fish & Wildl. Serv., Ohio State Univ. Columbus 43210, U.S.A.
- MORRIS, A. 1987 The 1986 fall shorebird season at Jamaica Bay Wildlife Refuge. *Kingbird* 37:106-118. 35 Mimosa Lane, Staten Island, NY 10312, U.S.A.
- MULLER, H.E.J. & KONIGSTEDT, D. 1989 Biology and identification of the Great Snipe *Gallinago media*. *Limicola* 3:197-216. In German with English summary. (Naturschutzstn., DDR-2141 Kamp, Germany.)
- MYERS, J.P., SALLABERRY, M., ORITZ, E., CASTRO, G., GORDON, L.M., MARON, J.L., SCHICK, C.T., TABILO, E., ANTAS, P. & BELOW, T. 1990 Migration routes of New World Sanderlings *Calidris alba*. *Auk* 107:172-180. Academy of Natural Sciences, 19th and the Parkway, Philadelphia, Pennsylvania 19103, U.S.A.
- NICHOLLS, J. 1988 The Alabama Coast: a winter refuge for Piping Plovers *Charadrius melanotos*. *Alabama Birdlife* 35 (2&3):18-19. (Dep. Zool. Wildl. Sci., Auburn Univ., Auburn, AL 36849, U.S.A.)
- OAG MUNSTER 1989 (Migration phenology and development of resting populations of the Ruff *Philomachus pugnax* in the sewage-farms of Munster/FRG based on field observations and ringing results. *Vogelwarte* 35:132-155. In German with English summary. Ornithologische Arbeitsgemeinschaft Munster, Coermühle 181, D-4400 Munster, Germany.)
- OAG MUNSTER 1990 Mensual data of the Ruff *Philomachus pugnax* in both migration periods. *Vogelwelt* 111:2-18. In German with English summary.
- OAG MUNSTER 1990 Spring staging population of Ruff *Philomachus pugnax* 1989 in Niedersachsen and Bremen. *Vogelkd. Ber. Nieders.* 22:6-12. In German with English summary. Total population estimated c. 10 000 birds.



PAULSON, D.R. 1990 Sandpiper-like feeding in Black-bellied Plovers. *Condor* 92:245. Burke Museum DB-10, Univ. of Washington, Seattle, WA 98195, U.S.A.

POWELL, A.N. 1990 Eastern Wood-Pewee attempts to feed Killdeer chicks. *J. Field Ornithol.* 61:212-213.

RAFFAELLI, D., HULL, S. & MILNE, H. 1989 Long-term changes in nutrients, weed mats and shorebirds in an estuarine system. *Cha. Biol. Mar.* 30:259-270. Cultery Field Stn., Univ. of Aberdeen, Newburgh, Ellon, Aberdeenshire, AB4 0AA, Scotland.

SEYS, J. & MEIRE, P. 1988 Macrozoobenthos of the Veerse Meer, Delta area, Netherlands. Rapport WWE 4, Ryksuniversiteit Gent, 61 pp. In Dutch. Lab. Oecol. Dieren, RU Gent, Ledeganckstr. 35, 9000 Gent, Belgium.

STRANN, K.-B. 1990 The spring migration of Knot in northern Norway in 1983-1989. *Var Fuglefauna* 13:5-19. In Norwegian. NINA, c/o Tromso Museum, N-9000 Tromso, Norway.

SUMMERS, R.W., UNDERHILL, L.G., CLINNING, C.F. & NICOLL, M. 1989 Populations, migrations, biometrics and moult of the Turnstone *Arenaria i. interpres* on the East Atlantic coastline, with special reference to the Siberian population. *Ardea* 77:145-168. 353 Arbroath Road, Dundee, Scotland.

TARBURTON, M.K. 1989 Feeding behaviour of the Black-fronted Dotterel. *Notornis* 36:249-260.

UHLIG, R. 1990 The migration of Turnstone *Arenaria interpres*, through Bulgaria. *Beitr. Vogelkd.* 36:109-112. In German with English summary. Hufelandstr. 10, DDR-1055 Berlin, Germany.

VARZA, D. 1988 1984 shorebird survey at the mouth of the Housatonic River. *Connecticut Warbler* 8:71-74. 318 Jennifer-Jean Dr., Baton Rouge, LA 70808, U.S.A.

WALTERS, J.R. 1990 Anti-predator behavior of Lapwings: field evidence of discriminative abilities. *Wilson Bull.* 102:49-70.

WARD, D. 1989 Feeding ecology of Crowned, Blackwinged and Lesser Blackwinged Plovers. *Ostrich* 60:97-102. Mitrani Cent. Desert Ecol., Blaustein Inst. Desert Res., Ben Gurion Univ. Negev, Sede Boqer Campus 84993, Israel.

WATSON, A. 1989 Dotterel populations and spacing on three Scottish areas in 1967-1986. *Ornis Fenn.* 66(3):85-99. Inst. Terrestrial Ecol., Banchory AB3 4BY, Scotland.

WILLIAMS, T.C. & YING, M. 1990 A comparison of radar observations of bird migration at Haizhou Bay, China, and Guam, Marianas. *Auk* 107:404-406. Swarthmore College, Swarthmore, Pennsylvania 19081, U.S.A.

WILSON, H.W. Jr. 1990 Relationship between prey abundance and foraging site selection by Semipalmated Sandpipers on a Bay of Fundy mudflat. *J. Field Ornitol.* 61:9-19. Dept. of Zool., Univ. of Washington, Seattle, Washington 98195, U.S.A.

WOODALL, P.F. & WOODALL, L.B. 1989 Daily activity and feeding behaviour of the Beach Thick-knee *Burhinus neglectus* on North Keppel Island. *Queensl. Nat.* 29:71-75. Dep. Anat., Queensland, St. Lucia, Qld. 4067, Australia.

ZIJLSTRA, M. 1990 Meadow birds in the Kievitslanden in Oostelijk Flevoland, 1966-1987. *Limosa* 63:17-24. In Dutch with English summary. Biologische Afdeling, directie Flevoland, Rijkswaterstaat, Postbus 600, 8200 AP Lelystad, Netherlands.

#### DISTRIBUTION & FAUNISTICS

BAUMANIS, J. 1989 Nesting of the Marsh Sandpiper and the Terek Sandpiper in Latvia. *Putni Daba* 2:166-171. In Latvian with Russian and English

summary.

BRENNING, U., FUCHS, E., MARKSTEIN, E., SCHEIL, G., SCHNEIDER, T. & VIERTEL 1990 The first record of Lesser Sand Plover *Charadrius mongolus* in the German Democratic Republic. *Beitr. Vogelkd.* 36:50-52. Wilhelm-Pieck-Universität, Sektion Biologie, Freiligrathstr. 7/8, DDR-2500 Rostock, Germany.

BRUNS, H. 1989 Grosser Gelbschenkel *Tringa melanoleuca* auf Sylt? *Ornithologische Mitteilungen* 41:13. In German. Biologische Station List auf Sylt, Hafenstr. 39, D-2282 List/Sylt, Germany.

BUER, M. & BUER, C. 1989 Black-necked Stilts in Stevens County. *Loon* 61:139. Rt.2, Box 165, Dawson, MN 56232, U.S.A.

CASINI, L. & TINARELLI, R. 1989 Wintering of the Black-winged Stilt, *Himantopus himantopus*, in Comacchio Lagoon, (NE Italy). *Riv. Ital. Ornitol.* 59:279-280. Cent. Ric. Ecol. & Nat. & Mus Ornit., via G. Pedriali 12, 47100 Forli, Italy.

CHAFER, C.J. 1989 A Little Stint at Comerong Island. *Aust. Birds.* 22:89-90. 69 Lake Heights Rd., Lake Heights, N.S.W. 2502, Australia.

CLAWSON, M.E. 1989 Woodcock nesting in Gregory County. *S.D. Bird Notes* 41:44. Dep. Game, Fish & Parks, Rt.1, Box 79, Lake Andes, SD 57356, U.S.A.)

ERDTMANN, G. 1989 A flock of Black-winged Stilts *Himantopus himantopus* near Julich, West Germany. *Charadrius* 25:219-220. In German. Barbarastr. 2, D-5170 Julich, Germany.

FLETCHER, A.W.J., FLETCHER, M. & PATTERSON R.M. 1989 An apparent New Zealand Stilt in Tasmania. *Stilt* 15:37. 115 Clarence St., Bellerive, Tasm. 7018, Australia.

HEWISH, M. 1989 Hooded Plovers, Pied Oystercatchers and a windy week-



end at Discovery Bay, Victoria. *Stilt* 15:24-25. 74 Wellington St., Bacchus Marsh, Vic. 334, Australia.

HOLNESS, P.R., WARREN, B.C.H., CREASE, Capt. A.J. & KERSLEY, R. 1989 The Stone Curlew on MoD Lands. *The Adjutant* 19:55-60.

KONRAD, V. 1989 Graubrust-Strandläufer *Calidris melanotos* auf Sylt. *Ornithologische Mitteilungen* 41:16-17. In German. Nordstr. 19, D-3450 Holzminden, Germany.

LARKINS, D. 1989 Bush Stone-Curlews: Recollections of their occurrence at Preston, New South Wales. *Aust. Birds* 22(3/4):82-83. 225 Kissing Point Rd., Turramurra, N.S.W. 2074, Australia.

MEININGER, P.L. & SCHEKKERMAN 1990 Breeding Black-winged Stilts *Himantopus himantopus* in the Netherlands in 1989. *Limosa* 63:11-15. In Dutch with English summary. Rijkswaterstaat Dienst Getijdewatern, afdeling Biologie, Postbus 8039, 4330 EA Middelburg, Netherlands.

MILLER, A. 1989 Third record for the Ruff *Philomachus pugnax* in Alabama. *Ala. Birdlife* 36(2):1-2. 520 Yorkshire Dr., Birmingham, AL 35209, U.S.A.

MULLER, O. 1989 Another record of the Red-necked Phalarope *Phalaropus lobatus* in south western Australia. *West. Aust. Nat.* 18:61. 7 Hamer Ave., Wembley Downs, W.A. 6019, Australia.

PETERSEN, P.C. 1989 Sharp-tailed Sandpiper at Davenport. *Iowa Bird Life* 59:90-91. 235 McClellan Blvd., Davenport, IA 52803, U.S.A.

RICHARDS, A.O. 1989 Cox's Sandpiper at Stockton, Newcastle. *Aust. Birds* 22:91-92. 34/13 Stewart St., Glebe, N.S.W. 2037, Australia.

RUSSELL, J. 1988 American Oystercatchers attempt nesting in Northumberland County (Virginia). *Raven* 57:12. (Rte. 1, Box 3441, Kilmarnock, VA

22482, U.S.A.) SALISBURY, C.D.C., SALISBURY, L.D. & PATTERSON, J.R. 1989 Successful breeding of Black-necked Stilts in Saskatchewan. *Blue Jay* 47:154-156. 2205 Ewart Ave., Saskatoon, SN, Canada S7J 1Y1.

SANTHARAM, V. 1989 On the occurrence and status of Ringed Plover *Charadrius hiaticula* (Lowe) in Madras City (southern India). *J. Bombay Nat. Hist. Soc.* 86:101-102. 68 (1Floor) Santome High Rd., Madras-600 028, India.

SEALY, S.G. 1988 Another Piping Plover nesting record for Jackfish Lake, Saskatchewan. *Blue Jay* 46:201-202. Dep. Zool., Univ. Manitoba, Winnipeg, MB, Canada R3T 2N2.

SLADEN, F.W. 1989 First record of a Bar-tailed Godwit, *Limosa lapponica* Aves, Scolopacidae, in the West Indies. *Caribb. J. Sci.* 25:91. (P.O.Box 4106, Christiansted, St. Croix, Virgin Islands 00822.)

SMITH, L.E. & CHAFER, C. 1989 A White-rumped Sandpiper at Windang, New South Wales. *Aust. Birds* 22:86-87.

5/50 Peterburgh Ave., Lake Illawarra South, N.S.W. 2528, Australia.

TEMME, M. 1989 First breeding record of the Little Ringed Plover *Charadrius dubius* on the East Frisian island of Norderney. *Ornithologische Mitteilungen* 41:65-67. In German with English summary. Alter Horst 18, D-2982 Norderney, Germany.

TRUFFI, G. & MARANINI, N. 1989 Little Ringed Plover *Charadrius dubius*, breeding in the river-bed of Bisagno Stream, Genoa (Liguria, NW Italy.) *Riv. Ital. Ornitol.* 59:102-104. In Italian with English summary. Mus. Civico Storia Nat., Villa Gardella, 15060 Stazzano, Italy.

UTMAR, P. 1989 Nesting Oystercatcher *Haematopus ostralegus*, in Friuli-Venezia Giulia (NE Italy.) *Riv. Ital. Ornitol.* 59:132-133. In Italian with Eng-

lish summary. *Osserv. Faunistico Provincia Gorizia, Corso Italia 55, 34170 Gorizia, Italy.*

WINKELMAN, G. 1989 Black-necked Stilts, Sevens County. *Loon* 61:139-140. 520 W. Douglas Ave., Fergus Falls, MN 56537, U.S.A.

## MISCELLANEOUS

ANDERSON, P.C. & KOK, O.B. 1990 Gonadal cycle of the crowned plover *Vanellus coronatus* at two inland airports. *S.-Afr. Tydskr. Dierk.* 25:54-60. In Africaans with English summary. Department Dierkunde, Universiteit van die Oranje-Vrystaat, Postbus 339, Bloemfontein, 9300, S-Africa.

BARTLETT, C.M., ANDERSON, R.C. & WONG, P.L. 1990 Development of Skrjabinocerca prima Nematoda: Acuarioidea in *Hyalella azteca* (Amphipoda) and *Recurvirostra americana*

Aves: Charadriiformes, with comments on its precocity. *Can. J. Zool.* 67:2883-2892. Dept. of Zool., College of Biol. Sci., Univ. of Guelph, Guelph, Ont, Canada N1G 2W1.

BEINTEMA, A.J. & VISSER, G.H. 1989 Growth parameters in chicks of Charadriiform birds. *Ardea* 77:169-180. Research Institute for Nature Management, P.O.Box 9201, 6800 HB Arnhem, Netherlands.

BUCKLEY, P.A. 1990 What is Cox's Sandpiper? *Brit. Birds*. 83:209.

BUSCHING, W.-D. 1989 The wing pattern of immature Black-winged Stilts *Himantopus himantopus*. *Limicola* 3:143-145. In German with English summary. Naumann-Mus., Schlossplatz 4, DDR-4370 Kothen, Germany.

CASTRO, G., WUNDER, B.A. & KNOPF, F.L. 1990 Total body electrical conductivity (TOBEC) to estimate total body fat of free living birds. *Condor* 92:496-499. Dept. of Biol., Colorado State Univ., Fort Collins, CO 80523, U.S.A.



GORDAN, L. 1987 Stone Curlew *Burhinus oedicnemus* in the mid-stream of the Drava River. *Acrocephalus* 33:40-42. In Yugoslav with English summary. Botanicki Zavod trg 20, 4100 Zagreb, Yugoslavia.

GRAEME, A. 1989 Minding the New Zealand Dotterel's business. *For. Bird* 20(3):30-32.

LINGLE, G.R. & SIDLE, J.G. 1989 Should Piping Plovers be banded? *Colon. Waterbird Soc. News.* 13(2):19. Abstract only. Platte River Whooping Crane Trust, 2550 N. Diers Ave., Grand Island, NE 68803, U.S.A.

MARIAUX, J. 1989 Cestodes of birds of Ivory Coast. III. On some parasites of Charadriiformes. *Rev. Suisse Zool.* 96:541-559. In French with English summary. Univ. of Neuchatel, Inst. of Zool., ch. de Chantemerle 22, 2007 Neuchatel, Switzerland.

MATHIU, P.M., JOHNSON, O.W., JOHNSON, P.M. & WHITTOW, G.C. 1989 Basal metabolic rate of Pacific Golden-plovers. *Wilson Bull.* 101:652-654. Dep. Physiol., Univ. Hawaii, Honolulu 96822.

MILSOM, T.P. 1990 Lapwings *Vanellus vanellus* on aerodromes and the birds-trike hazard. *Ibis* 132:218-231.

NEWMAN, M. 1989 Oystercatcher affairs. *Stilt* 15:9. 98 Nowra Rd., Lauderdale, Tasm. 7021, Australia.

NORTON, J., STUART, S. & JOHNSON, T. (eds.) 1990 World checklist of threatened birds. 2nd edition, Nature Conservancy Council. NCC, Northminster House, Peterborough PE1 1UA, Great Britain.

PATTERSON, 1989 Twenty five years of wader research in South-East Tasmania. *Stilt* 15:7. 89 Summerleas Rd., Fern Tree, Tasm. 7054, Australia. REMEEUS, A. 1990 Leucistische Groenpootruiter. *Dutch Birding* 12:14. In Dutch.

SEPIK, G. & BLUMENSTOCK, M. 1989 The American Woodcock: A species on

the decline. *Maine Agric. Exp. Stn. Misc. Rep.* 336:260. Abstract only. Moosehorn Natl. Wildl. Refuge, Calais, ME, U.S.A.

SOPER, T. 1988 Aristocrats. *Birds Magazine* 12(4):75-77. - On Avocets

THIEDE, W. 1989 Zur Variation der Beinfarbung bei Grunschenkel *Tringa nebularia* und Grossem Gelbschenkel *Tringa melanoleuca*. *Ornithologische Mitteilungen* 41:13-14. In German. (An der Ronne 184, D-5 K"ln 40, Germany.)

TREMAUVILLE, Y. 1988 An Oystercatcher albinistic. *Cormoran* 6:217. In French with English summary.(55 rue Calvaire, 76190 Yvetot, France.)

USSR ORNITHOL. SOC. 1989 *Guide book on wader studies in USSR*. USSR Ornithol. Soc. Wader Working Group, Tchita 1989, 20pp. In Russian. - Lists interests and addresses of wader and waterfowl enthusiasts in the Soviet Union.

WILSON, G. 1989 Notes on the Bush Thick-knee on the Capricornia Institute Campus. *Stilt* 15:27-28. Residential Coll., Capricornia Inst., Rockhampton, Qld. 4700,Australia.

WONG, P.L., ANDERSON, R.C. & BARTLETT, C.M. 1990 Development of *Skrabinoclava inornatae* (Nematoda:Acuarioidea) in fiddler crabs *Uca* spp. Crustacea and Western Willets *Catoptrophorus semipalmatus inornatus*. *Can. J. Zool.* 67:2893-2901. Dept. of Zool., College of Biol. Sci., Univ. of Guelph, Guelph, Ont, Canada N1G 2W1.

