

RECENT PUBLICATIONS ON WADERS 41

compiled by Theunis Piersma

There has been a steady increase in the number of references listed in 'Recent Publications on Waders', as is shown in Figure 1. This may be one of the reasons why an increasing number of complaints reached me that the lists became too long to be 'digestible'.

Since I do not want to become selective, this issue introduces a new system: a subdivision in four subject-headings, to make the life of serious waderologists easier. The subject-headings are: 1) Breeding, 2) Behaviour, ecology and evolution, 3) Distribution and faunistics and 4) Miscellaneous. Please let me know your comments and suggestions.

Since we try to make these lists as complete and up to date as possible any help is most welcome. Send omissions, mistakes, new titles, abstracts or reprints to Theunis Piersma, Korte Nieuwstraat 4, 9724 LC Groningen, The Netherlands. During the preparation of this issue, help was received from Cor Smit, Ian Bainbridge, F.U. Schmidt, Meinte Engelmoer, Les Batty, Nick Davidson, Stuart Rae, Han Vlug, Paulo de Tarso Zuguim Antas and Tom van der Have. Translated titles in languages other than English are bracketed: round brackets if the translation is by the author(s); square if not.

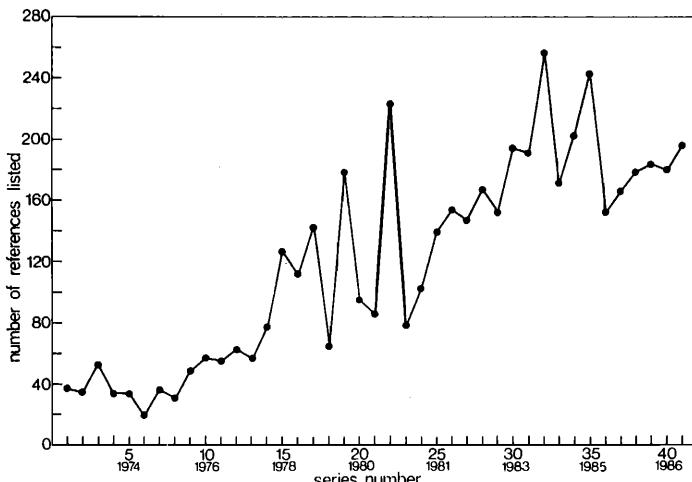


Figure 1. Increase in the number of references listed in "Recent Publications on Waders" since its inception.

BREEDING

BEINTEMA, A.J. 1986. Nistplatzwahl im Grunland: Wahnsinn oder Weisheit? [Nest-site-choice in grasslands by meadowbirds : mad or wise?] *Corax* 11: 301-310. In German. (RIN, P.O. Box 46, 3956 ZR Leersum, The Netherlands.)

BERNDT, R.K. 1986. Zur Brutverbreitung des Brachvogels (*Numenius arquata*) in Schleswig-Holstein auf landwirtschaftlich genutzten Grunland. [On the breeding distribution of Curlews in Schleswig-Holstein on intensively farmed grassland.] *Corax* 11: 311-317. In German. (Helsinki str. 68 2300 Kiel, W.Germany.)

BIJLSMA, R. & WESSELS, H. 1986. *Broedvogelinventarisatie Noordwest-Drenthe 1986. [Breeding bird survey, northwest Drenthe 1986.] Report Prov. Planologische Dienst, Assen, 116 pp. In Dutch. (PPD, Afd. Ecologie, Assen, The Netherlands.) Data on breeding distribution & roosting of waders and migration of Whimbrels.*

BUISE, M.A. 1985. (On the status of meadowbirds in Oost Zeeuwse-Vlaanderen, Netherlands.) *Veldornithol. Tijdschr.* 8: 103-117. In Dutch with English summary. (Julianalaan 11, 4561 JA Hulst, The Netherlands.)

COLWELL, M.A. 1986. Intraspecific brood parasitism in three species of prairie-breeding shorebirds. *Wilson Bull.* 98: 473-475. (Biol. Dept., Univ. N.D., Grand Forks, ND 58202, U.S.A.)

DESMET, J. 1985. (Occurrence and ecology of breeding Redshanks *Tringa totanus* near the West Flemish coast.) *Wielwaal* 51: 444-451. In Dutch with English summary. (Wijngaardplein 5, B-8000 Brugge, Belgium.)

DIJKSTRA, H. & DE VRIES, N. 1986. Eerste zekere broedgeval van de Steltkluut (*Himantopus himantopus*) in de provincie Groningen in 1986. [First certain breeding attempt of Black-winged Stilts in the province of Groningen in 1986.] *Grauwe Gors* 14:24 & *Vogeljaar* 34:285. In Dutch. (Putterhof 5, 9502 TC Stadskanaal, The Netherlands.)

DORNBURGER, W. & RANFTL, H. 1984. Der Brutbestand des Grossen Brachvogels (*Numenius arquata*) und der Uferschnepfe (*Limosa limosa*) 1984 in Nordbayern. *Ber. natur-forsch. Ges. Bamb.* 59: 217-220. In German. (Sandrinaweg 1, D-8825 Weidenbach, W.Germany.)

DORNBURGER, W. & RANFTL, H. 1986. (Breeding populations of Curlew, Redshank and Black-tailed Godwit in Northern Bavaria, 1977 to 1986.) *Anz. orn. Ges. Bayern* 25: 189-194. In German with English summary.

ELANDER, M. & BLOMQVIST, S. 1986. The avifauna of central Northeast Greenland, 73°15'N - 74°15'N, based on a visit to Myggbukta, May-July 1979. *Meddr. Gronland, Biosci.* 19, 44 pp. (S.B., Dept. Zool., University of Stockholm, S-10691 Stockholm, Sweden.)

FROST, R.A. 1985. The 1984 Little Ringed Plover survey. *Derbyshire Bird Rept.* 1984: 61-64. (c/o 66 St. Lawrence Rd., N.Wingfield, Chesterfield, Derby S42 5LL, U.K.)

FULLER, R.J., REED, T.M., BUXTON, N.E., WEBB, A., WILLIAMS, T.D. & PIENKOWSKI, M.W. 1986. Populations of breeding waders Charadrii and their habitats on the crofting lands of the Outer Hebrides, Scotland. *Biol. Cons.* 37: 333-361. (BTO, Beech grove, Tring, Herts. HP23 5NR, U.K.)

GERARD, O. & YESOU, P. 1986. *Chronologie de la reproduction de l'Avocette Recurvirostra avosetta sur les Marais d'Olonne. 1 ere partie: les pontes et leur devenir.* Cyclostyled Report ONC, Chanteloup, c. 50 pp. In French. (ONC, Res. de Chanteloup, F-85340 Ile d'Olonne, France.)

- GOUTNER,V. 1986. Timing of egg-laying of Oystercatchers *Haematopus ostralegus* in the Evros Delta. *Vogelwelt* 107: 187-188. (Dept. Zool., Univ. of Thessaloniki, 54006 Thessaloniki, Greece.)
- HALTERLEIN,B. 1986. Laro-Limikolen-Brutbestände an der Schleswig-Holsteinischen Nordseeküste 1983-1985. [Populations of breeding waders, terns and gulls along the North and Wadden Sea coasts of Schleswig-Holstein 1983-1985.] *Corax* 11: 332-398. In German. (Staatliche Vogelschutzwarte, Olshausenstr. 40-60, 2300 Kiel, W.Germany.)
- HALTERLEIN,B. 1986. Laro-Limikolen-Brutbestände an der Schleswig-Holsteinischen Ostseeküste 1984. [Breeding populations of waders, terns and gulls along the Baltic coast of Schleswig-Holstein 1984.] *Corax* 11: 399-435. In German.
- HARRIS,M.P., SAFRIEL,U.N., BROOKE,M.D. & BRITTON,C.K. 1987. The pair bond and divorce among Oystercatchers *Haematopus ostralegus* on Skokholm Island, Wales. *Ibis* 129: 45-57. (ITE, Banchary, Kincardineshire, U.K.)
- HAYRINEN,U., JARVINEN,O. & KOUKI,J. 1986. The bird sanctuary of Kesonsuo, a raised bog in North Karelia: its breeding bird assemblages and spring migrants. *Ornis Fennica* 63: 97-111. (Min. Environm., Kaikukatu 3A, SF-00530 Helsinki, Finland.) Eight breeding waders, spring passage of Knots and nesting of other species.
- IVERSEN,F.M. 1986. (The impact of disturbance on the Lapwing's *Vanellus vanellus* incubation.) *Dansk. orn. Foren. Tidsskr.* 80: 97-102. In Danish with English summary. (Heramsgade 13 st.tv., 8200 Aarhus N, Denmark.)
- JOHNSTONE,G.W. & WOehler,E.J. 1986. Possible double-brooding by Masked Lapwings. An Occasional Stint 4: 16-17. (Lot 15 Tinderbox Rd., Howden, Tas. 7153, Australia.)
- KAMP,H. 1986. Scholeksters adopteren jonge bergeendjes. [Oystercatchers adopt Shelduck-chicks.] *Vanellus* 34: 121-122. In Dutch. (Burg. Hoggerstr. 271, 1064 CP Amsterdam, The Netherlands.)
- MEININGER,P.L., SORENSEN,U.G. & ATTA,G.A.M. 1986. Breeding birds of the lakes of the Nile Delta, Egypt. *Sandgrouse* 7: 1-20. (Grevelingenstr. 227, 4335 XE Middelburg, The Netherlands.) Five breeding wader species: Painted Snipe, Collared Pratincole, Kittlitz's Sandplover, Kentish Plover, Spur-winged Plover.
- MILLER,E.H. 1986. Components of variation in nuptial calls of the least sandpiper (*Calidris minutilla*; Aves Scolopacidae). *Syst. Zool.* 35: 400-413. (Brit. Col. Prov. Mus., Victoria, BC V8V 1X4, Canada.)
- NETHERSOLE-THOMPSON,D. & NETHERSOLE-THOMPSON,M. 1986. *Waders. Their breeding, haunts and watchers.* T. & A.D. Poyser, Calton, 400 pp. (ISBN 0 85661 042 9). Price is £18.
- NEWMAN,O.M.G. 1986. Hooded Plovers breeding at Mortimer Bay. An Occasional Stint 4: 18-20. (58 Sinclair Ave., Moonah 7009, Tas., Australia.)
- NEWMAN,O.M.G. & PARK,P. 1986. Pied Oystercatcher - Exception to mate fidelity. *An Occasional Stint* 4: 13-15.
- ORING,L.W., FIVIZZANI,A.J. & EL HALAWANI,M.E. 1986. Changes in plasma prolactin associated with laying and hatch in the Spotted Sandpiper. *Auk* 103: 820-822.
- OSTERGAARD,E. 1986. (The breeding population of the Wood Sandpiper in Denmark 1982-84.) *Dansk orn. Foren. Tidsskr.* 80: 134-136. In Danish with English summary. (Kirkestraede 10, Hadsager, 7490 Aulum, Denmark.) 47-55 pairs in 1984, decrease by at least 75% since 1959.
- PIIROINEN,J., TIAINEN,J., PAKKALA,T. & YLIMAUNU,J. 1985. (Birds of Finnish farmland in 1984.) *Lintumies* 20: 126-138. In Finnish with English summary. (Helsingin yliopisto, P.Rautatiekatu, SF-00100 Helsinki 10, Finland.) Breeding densities of 5 wader species on plots over much of Finland.
- PUCHSTEIN,K. 1986. Die Bestandsentwicklung einer residenten Wiesen vogelgemeinschaft auf einer Ostholsteinischen Probefläche von 1964 bis 1974. [The population trends of a resident meadowbird-community on an east-holsteinian plot, from 1964 to 1974.] *Corax* 11: 318-331. In German. (Falkenburger Str. 8, 2360 Bad Segeberg, W.Germany.) On Lapwing & Snipe.
- SCHARRINGA,C.J.G. 1985. Broedvogels in West-Friesland oost in 1983. [Survey and density estimates of meadowbirds on 17 000 ha grass- and 8 000 ha arable land in West-Friedland (North-Holland) in 1983.] *Graspieper* 5: 129-158. (PWS Noord-Holl., Bureau Ecologie, P.O. Box 205, 2050 AE Overveen, The Netherlands.)
- SIEFKER,A. 1984. [Maturity, breeding occurrence in the natal area, and juvenile mortality of the Ringed Plover *Charadrius hiaticula* in relation to birth date.] *Falke* 31: 306-315. In German. (Vogelwarte Hiddensee, DDR-2346 Kloster, East Germany.)
- TANGER,D. 1986. Bescherming van legsel van weidevogels in Noord-Holland in 1985. [Protection of broods of meadowbirds in Noord-Holland in 1985.] *Graspieper* 6: 61-66. In Dutch. (Sandpoorterstr. 34, 2023 DC Haarlem, The Netherlands.)
- TOMKOVICH,P.S. 1985. (Sketch of the Purple Sandpiper (*Calidris maritima*) biology on Franz Josef Land.) *Ornitologia* 20: 3-17. In Russian with English summary. (Zool. Mus., Univ. of Moscow, Herzen Str. 6, Moscow K-9, U.S.S.R.)
- UNDERHILL,L.G. 1986. A successful breeding season for Brent Geese, Curlew Sandpipers and Sanderlings in 1985. *Safring News* 15: 15-18. (Dept. Math. Stat., Univ. of Cape Town, Priv. Bag, Rondebosch 7700, S.Africa.)
- WALDENSTROM,A. 1984. (The atlas of breeding birds on Oland. II.) *Calidris* 13: 103-108. In Swedish with English summary. Maps of 16 wader species!
- WINKLER,H. & DORNBERGER,W. 1984. Zum Brutbestand und zur Brutplatzwahl des Kiebitz (*Vanellus vanellus*) im Altmühltafel. *Ber. naturforsch. Ges. Bamb.* 59: 221-243. In German. (Sandrina 1, D-8825 Weidenbach, W.Germany.)

- WITT,H. 1986. Reproduktionserfolge von Rotschenkel (*Tringa totanus*), Uferschnepfe (*Limosa limosa*) und Austernfischer (*Haematopus ostralegus*) in intensiv genutzten Grunlandgebieten. Beispiele fur eine "Irrtumliche" Biotopwahl sogenannter Wiesenenvogel. [Reproductive success of Redshank, Black-tailed Godwit and Oystercatcher in intensively used grassland areas. Examples of a "wrong" habitat choice by so-called meadowbirds.] *Corax* 11: 262-300. In German. (Staatliche Vogelschutzwarte, Olshausenstrasse 40-60, 2300 Kiel, W.Germany.)
- YALDEN,D.W. 1986. The habitat and activity of Common Sandpipers *Actitis hypoleucus* breeding by upland rivers. *Bird Study* 33: 214-222. (Dept. Zool., The University, Manchester M13 9PL, U.K.)
- ZIESEMER,F. 1986. Die Situation von Uferschnepfe (*L. limosa*), Rotschenkel (*Tringa totanus*), Bekassine (*G. gallinago*), Kamflaufer (*Philomachus pugnax*) und anderen "Wiesenenvogeln" in Schleswig-Holstein. [The situation of Black-tailed Godwit, Redshank, Snipe, Ruff and other meadowbirds in Schleswig-Holstein.] *Corax* 11: 249-261. In German. (Landesamt fur Naturschutz & Landschaftspflege, Hansaring 1, 2300 Kiel 4, W.Germany.)
- BEHAVIOUR, ECOLOGY & EVOLUTION**
- ALERSTAM,T., HJORT,C., HOGSTEDT,G., JONSSON,P.E., KARLSSON,J. & LARSSON,B. 1986. Spring migration of birds across the Greenland Inlandice. *Meddr. Gronland, Biosci.* 21, 38 pp. (Dept. Anim. Ecol., Univ. of Lund, S-22362 Lund, Sweden.) Many interesting data and hypotheses on migration and breeding distribution of waders.
- BAIRD,D., EVANS,P.R., MILNE,H. & PIENKOWSKI,M.W. 1985. Utilization by shorebirds of benthic invertebrate production in intertidal areas. *Oceanogr. Mar. Biol. Ann. Rev.* 23: 573-597. (Dept. Zool., Univ. Port Elizabeth, P.O. Box 1600, Port Elizabeth 6000, S.Africa.)
- BALL,J.P. 1985. Marsh management by water level manipulation or other natural techniques: a community approach. In: Prince,H.H. & D'Itri,F.M. (eds.), *Coastal wetlands*. Lewis Publ., Chelsea, Michigan, pp. 263-277.
- BANDED DOTTEREL STUDY GROUP. 1986. Banded Dotterel migration. *Orn. Soc. New Zealand News* 40: 7. (c/o R.Pierce, P.O. Box 69, Lake Taupo, New Zealand.)
- BARTER,M. 1986. Great Knots partly undone. *Stilt* 9: 5-20. (21 Chivalry Ave., Glen Waverley, Vic. 3150, Australia.) Details of biometrics and moult of Great Knots captured in NW Australia.
- BARTER,M. 1986. Primary moult in adult Curlew Sandpipers (*Calidris ferruginea*) wintering in the Hobart area. *An Occasional Stint* 4: 1-12.
- BLOMQVIST,S., FRANK,A. & PETERSSON,L.R. 1987. Metals in liver and kidney tissues of autumn-migrating dunlin *Calidris alpina* and curlew sandpiper *Calidris ferruginea* staging at the Baltic Sea. *Mar. Ecol. Progr. Ser.* 35: 1-13. (Asko Lab., Univ. of Stockholm, S-10691 Stockholm, Sweden.)
- BOSTROM,U. 1985. (What happens to the waders after ditching.) *Var Fagelvard Suppl.* 10: 19-22. In Swedish with English summary. (SLU, S-90183 Umea, Sweden.)
- BREGNHALLE,T. 1986. (Icelandic Redshanks *Tringa totanus robusta* at Esbjerg 1965/66 - 1984/85.) *Dansk. Orn. Foren. Tidsskr.* 80: 103-112. In Danish with English summary. (Inst. Zool. & Zoophys., Aarhus Univ., 8000 Arhus C, Denmark.)
- BRENNING,U. 1986? Zum Durchzug nordischer Watvogel (Limicolae) auf der Insel Langenwerder (Wismar-Bucht). [On the migration of waders on the Isle Langenwerder (Wismar-Bight).] In: *Tiere der polaren Regionen*. VEB Gustav Fischer Verlag, Jena, pp. 86-96. In German. (Sekt. Biol. Wilhelm-Pieck Univ., Freiligrathstr/7/8, DDR-2500 Rostock, E.Germany.)
- BRUNTON,D.H. 1986. Fatal antipredator behavior of a Killdeer. *Wilson Bull.* 98: 605-607. (School Natur. Res., Univ. of Michigan, Ann Arbor, Michigan 48109, U.S.A.)
- CARTAR,R.V. 1985. Testis size in sandpipers. The fertilization frequency hypothesis. *Naturwissenschaften* 72: 157-158. (Dept. Biol., Queen's Univ., Kingston, ON K7L 3N6, Canada.)
- CLAIREAUX,P. & YESOU,P. 1986. (Use of a salt marsh by the Avocet (*Recurvirostra avosetta* L.).) *Gibier Faune Sauvage* 3: 97-113. In French with English summary. (ONC, CERAOE, Chanteloup, 85340 Olonne-sur-Mer, France.)
- CORSE,C.J. 1984. Orkney Oystercatchers. In: *Orkney Ring. Group Report 1984*: 19-22. (Garrisdale, Lynn Park, Kirkwall, Orkney, U.K.)
- DEBUSSCHE,M. & ISENMAN,P. 1986. Consommation exceptionnelle d'un vertébre (*Chalcides chalcides*) par une bécasse (*Scolopax rusticola*). *L'Oiseau et R.F.O.* 56:212. In French.
- DOORNbos,G., GROENENDIJK,A.M. & JO,Y.W. 1986. Nakdong Estuary barrage and reclamation project: preliminary results of the botanical, macrozoobenthic and ornithological studies. *Biol. Cons.* 38: 115-142. (DIHO, Vierstraat 28, 4401 EA Yerseke, The Netherlands.)
- EDWARDS,P., PARISH,D. & NPWO. 1986. Evaluation of Sarawak wetlands and their importance to waterbirds. Report 2: west coast of Sarawak - Final report. Interwader Publication No. 6, Kuala Lumpur. (Available at Interwader, P.O. Box 10769, Kuala Lumpur, Malaysia.)
- EEKELEN,J.VAN. 1986. De beschikbaarheid van de Kokkel (*Cerastoderma edule*) als prooidier voor de Scholekster (*Haematopus ostralegus*). [The availability of Cockles as prey for Oystercatchers.] RWS - DGW student report, Middelburg. In Dutch.
- FARRAWAY,A., THOMAS,K. & BLOKPOEL,H. 1986. Common Tern egg predation by Ruddy Turnstones. *Condor* 88: 521-522. (540 Merton Str., Toronto ON M4S 1B3, Canada.)
- FEARON,P. & PENNINGTON,M.G. 1984. Results of cannon-netting at Seaforth, Merseyside. In: *Bird Ringing in S.W. Lancashire 1981-1984*: 89-118. (c/o J.V.N. Turner, Wildfowl Trust, Martin Mere, Burscough, Lancs. LA4 0TA.)

- GASTEREN,H.VAN. 1986. Late doortrek van de Grutto in het voorjaar van 1986. Een vergelijking tussen trektellingen en slaapplaatsstellingen. [Late migration of Black-tailed Godwits in spring 1986. A comparison between systematic migration- and roost- counts.] *Graspieper* 6: 136-139. (Mecklenburgstr. 18, 1623 JP Hoorn, The Netherlands.)
- GAVRILOV,E.I. 1986. [The autumn migration and moult of Spotted Sandpipers in Kazakhstan.] In: Gavrilov,E.I. & Rafkyn,J.S. (eds.), *[Bird migration in Asia.]* Nauka, Novosibirsk. pp. 158-163. In Russian. (Zool. Inst., Academy of Sciences, Kaz. SSR, 480032 Alma-Ata, U.S.S.R.)
- GOATER,C.P. & BUSH,A.O. 1986. Nestling birds as prey of breeding Long-billed Curlews, *Numenius americanus*. *Can. Field-Natur.* 263-264.
- GOEDE,A.A. & DE BRUIN,M. 1986. The use of bird feathers for indicating heavy metal pollution. *Environm. Monit. Assessm.* 7: 249-256. (RIN, P.O. Box 59, 1790 AB Den Burg, Texel, The Netherlands.)
- GOTMARK,F., AHLUND,M. & ERIKSSON,M.O.G. 1986. Are indices reliable for assessing conservation value of natural areas? An avian case study. *Biol. Cons.* 38: 55-73. (Dept. Zool., Univ. of Gothenburg, P.O. Box 25059, S-40031 Gothenburg, Sweden.) Two wetland habitats: bogs and wet meadows; breeding waders figure prominently.
- GREEN,E.E., ASHFORD,R.W. & HARTRIDGE,D.H. 1986. Sparrowhawk killing Lapwing in water. *Brit. Birds* 79:502. (22 Reeve Rd., Holypot, Maidenhead, Berks. U.K.)
- HANEY,J.C. 1986. Remote sensing of seabird environments. *Am. Birds* 40: 396-400. (Dept. Zool., Univ. of Georgia, Athens, Georgia 30602, U.S.A.) On e.g. phalaropes!
- HARRIS,J.G.K. 1986. Banding by B.O.A.T. Shorebird study group 1/7/83 to 30/6/85. *An Occasional Stint* 4: 32-45. (42 Williams Ave., Churchill, Vic. 3842, Australia.)
- HOWES,J.R. & NPWO. 1986. Evaluation of Sarawak wetlands and their importance to waterbirds. Report 3: *Pulan Brui*. Interwader Publication No. 10, Kuala Lumpur, 59 pp. (Available for US \$9 (air) or US \$6 (surface) from Interwader, P.O. Box 10769, 50724 Kuala Lumpur, Malaysia.) Provides details of wader counts in April 1986, together with information on population turnover, foraging methods and prey types.
- JONG,B.DE. 1986. *Zilverplevier en Zeeduizendpoot*. Een oriënterend voedselecologisch onderzoek. [Grey Plover and Ragworm. An introductory feeding ecological research project.] RWS-DDMI Student report, Middelburg. In Dutch.
- JUKEMA,J. 1986. (Spring moult in Golden Plovers *Pluvialis apricaria* in Friesland.) *Limosa* 59: 111-113. In Dutch with English summary. (Haerdaweij 44, 8854 AC Oosterbierum, The Netherlands.)
- KHLEBOSOLOV,E.I. 1986. (Food resources of tundra sandpipers and peculiarities of their behavioural patterns during the reproduction period.) *Zoologicheskii Zhurnal* 65: 1032-1040. In Russian with English summary.
- KOEPPF,Ch. & DIETRICH,K. 1986. (Disturbance of coastal birds by boats.) *Vogelwarte* 33: 232-248. In German with English summary. (Inst. Vogelforschung, Vogelwarte Helgoland, Wilhelmshaven, W.Germany.)
- KOEPPF,C. & DIETRICH,C. 1986. Wie reagieren Vogel des Wattenmeeres auf den Freizeitverkehr mit Wasserfahrzeugen? *J. Orn.* 127:374. In German. Summary of talk.
- KOHLER,B. 1986. Muster der Habitatwahl bei Sabelschnabler und Dunklern Wasserläufer. *J. Orn.* 127:390. In German. Abstract of poster.
- KONING,F.J. 1986. Over de trek en het biotoop van de Morinelpievier. [On the migration and habitats of the Dotterel.] *Graspieper* 6: 13-16. In Dutch. (Belkmerweg 35, 1754 GC Burgerbrug, The Netherlands.)
- KOOPMAN,K., TIMMERMAN,A. & ENGELMOER,M. 1986. Verslag Steltloperringgroep Frysk Feriening foar Fjildbiology over 1983 en 1984. [Report Wader-ringing group F.F.F. over 1983 and 1984.] Twirre speciale bijlage 9(3): 1-43. In Dutch. (Van Ewsum str. 8, 9363 JC Marum, The Netherlands.)
- LENDREM,D., STRETCH,D., METCALFE,N. & JONES,P. 1986. Scanning for predators in the purple sandpiper: a time-dependent or time-independent process? *Anim. Behav.* 34: 1577-1578. (Dept. Psychol., Univ. of Newcastle-upon-Tyne, NE1 7RU, U.K.)
- LATESTEIJN,H.C.VAN & LAMBECK,R.H.D. 1986. The analysis of monitoring data with the aid of time-series analysis. *Envir. Monit. Assessm.* 7: 287-297. (Dept. Env. Biol., Univ. of Leiden, P.O. Box 9500, 2300 RA Leiden, The Netherlands.) Case study of the impact of closure Grevelingen estuary on wintering numbers of Oystercatchers.
- LENSINK,R. & KWAK,R. 1986. (Visible bird migration over Arhem (Holland) in 1983 with a summary for the period 1981-83 and statistical methods for the compilation of observation results.) Parts I (191 pp.) and II (182 pp.). Cyclostyled reports, Arnhem. (Available for Dfl. 10 on giro account nr. 4251625 of R. Lensink, Arnhem, The Netherlands.) Pp. 42-49 (II) reports specifically on visible wader migration.
- LINDERS,A. 1985. Een inleidend onderzoek naar de relatie tussen de vooragerende scholekster (*Haematopus ostralegus*) en de getijdecyclus en het aanbod van mosselen. [Introductory research on the relation between foraging Oystercatchers and the tidal cycle and availability of mussels.] RWS-DDMI student report 01.85, Middelburg. In Dutch.
- MICHAELSON,M.K. 1985. Avian wetland habitat functions affected by water level fluctuations. In: Prince,H.H. & D'Itri,F.M. (eds.). *Coastal wetlands*. Lewis Publ., Chelsea, Michigan, pp. 87-98.
- MEAD,C.J. & HUDSON,R. 1986. Report on bird-ringing for 1985. *Ring. & Migr.* 7: 139-188. (BTO, Beech grove, Tring, Herts. HP23 5NR, U.K.)
- MEER,J.VAN DER. 1985. De verstoring van vogels op de slikken van de Oosterschelde. [The disturbance of birds on the Oosterschelde mudflats.] RWS notitie GWA0-86.518, Middelburg. In Dutch.

- MEIRE,P. & COOSEN,J. 1985. Benthos and bird communities in a changing estuary. In: Van Grieken,R. & Wollast,R. (eds.). *Progress in Belgian Oceanographic Research*. Univ. of Antwerp Press, Antwerp, pp. 292-303.
- MEIRE,P. & ERVYNCK,A. 1986. Are Oystercatchers (*Haematopus ostralegus*) selecting the most profitable mussels (*Mytilus edulis*) ? *Anim. Behav.* 34: 1427-1435. (Lab. Oec. Dieren, Zoogeogr. & Natuurbehoud, Rijksuniv. Gent, Ledeganckstr. 35, B9000 Gent, Belgium.)
- MEIRE,P. 1986. Distribution of waders on intertidal feeding areas: role of food supply and interference. *Annls. Soc. R. Zool. Belg.* 116: 105-106. Abstract only.
- MEIRE,P. 1986. Are Oystercatchers selecting the most profitable mussels? *Annls. Soc. R. Zool. Belg.* 11: 106-107. Abstract only.
- NIELSEN,B.P. 1986. (Notes on phenology and moult of Danish Dotterels *Charadrius morinellus* during spring migration.) *Dansk. orn. Foren. Tidsskr.* 80: 132-133. In Danish with English summary. (Skippervaenget 6B, 2791 Dragor, Denmark.)
- NORMAN,S.C. 1985. Biometrics, movements and age structure of a wintering population of Sanderling. In: *South Cleveland Ring. Group Report* 7: 17-26. (62 Birkdale Rd., Errington Park, New Marske, Cleveland, U.K.)
- NORMAN,W. 1985. Autumn and winter Dunlin populations at Teesmouth. In: *South Cleveland Ring. Group Report* 7: 27-38. (2 Station Cottages, Grosmont, Whitby, N.Yorksh., U.K.)
- OAG MUNSTER. 1986. Untersuchungen zum Rastverhalten des Waldwasserläufers in den Rieselfeldern Munster. *J. Orn.* 127:391. In German. Abstract of poster.
- ONNEN,J. 1985. Wederfund eines Temminckstrandläufers (*Calidris temminckii*) in Spanien. [Recovery of a Temminck's Stint in Spain.] *Vogelwarte* 33:166. In German. (Wangerland 2, D-2949 Enkwarfe, W.Germany.)
- PALMER,G. 1985. Red-necked Phalarope taking berries from water. *Brit. Birds* 78:596. (42 Finchfield Lane, Merry Hill, Wolverhampton WV3 8EF, U.K.)
- PEER,D.L., LINKLETTER,L.E. & HICKLIN,P.W. 1986. Life history and reproductive biology of *Corophium volutator* (Crustacea: Amphipoda) and the influence of shorebird predation on population structure in Chignecto Bay, Bay of Fundy, Canada. *Neth. J. Sea Res.* 20: 359-373. (Dept. Fish. & Oceans, Mar. Ecol. Lab., Bedford Inst. Ocean., Dartmouth, Nova Scotia B2Y 4A2, Canada.)
- PIERSMA,T. 1986. Eastern Curlews *Numenius madagascariensis* feeding on *Macrophthalmus* and other ocypodid crabs in the Nakdong Estuary, South Korea. *Emu* 86: 155-160. (Zool. Lab., Univ. of Groningen, P.O. Box 14, 9750 AA Haren, The Netherlands.)
- PLATTEEUW,M. 1986. Effecten van geluidshinder door militaire activiteiten op gedrag en ecologie van wadvogels. [Effects of noise by military activities on behaviour and ecology of waders.] RIN-report 86/13, Texel, 50 pp. In Dutch. Review of literature.
- POSTMA,T. & FABER,J. 1986. *Griend. Vogels en bewaking broedseizoen 1985.* [Griend. Birds and protection breeding season 1985.] Report Zool. Lab., Univ. of Groningen, 45 pp. In Dutch. (Zool. Lab., P.O. Box 14, 9750 AA Haren, The Netherlands.) Series of wader counts.
- PRINCE,H.H. 1985. Avian communities in controlled and uncontrolled Great Lakes wetlands. In: Prince,H.H. & D'Itri,F.M. (eds.). *Coastal wetlands*. Lewis Publ., Chelsea, Michigan, pp. 99-119.
- PRINCE,H.H. & D'ITRI,F.M. (eds.) 1985. *Coastal wetlands*. Lewis Publ., Chelsea, Michigan, U.S.A. On Ecology of wetlands along Great Lakes.
- RAE,R., NICHOLL,M. & SUMMERS,R.W. 1986. The distribution of Hardangervidda Purple Sandpipers outwith the breeding season. *Scott. Birds* 14: 68-73. (13 Red Inch Circle, Newburgh, Aberdeenshire AB4 0AW, U.K.)
- RAFFAELLI,D. & MILNE,H. 1987. An experimental investigation of the effects of shorebird and flatfish predation on estuarine invertebrates. *Est. Coast. Shelf Sci.* 24: 1-13. (Culterty Field Sta., Univ. Aberdeen, Newburgh, Ellon AB4 0AA, U.K.)
- RAUER,G. 1986. Sichern und Nahrungs suche bei der Uferschnepfe. *J. Orn.* 127:391. In German. Abstract of poster.
- REDMOND,R.L. & JENNI,D.A. 1986. Population ecology of the Long-billed Curlew (*Numenius americanus*) in Western Idaho. *Auk* 103: 755-767. (Dept. Zool., Univ. of Montana, Missoula, Montana 59812, U.S.A.)
- ROOS,G.TH.DE. 1986. Waders and tourism and the effects. *Suppl. Ric. Biol. Selvag.* 10: 111-115.
- RUFINO,R., MIRANDA,P., PINA,J.P. & ARAUJO,A. 1985? Limicoles invernantes na Ria de Faro. Dados sobre a sua distribuição e disponibilidades alimentares. [Wintering waders in the Ria Formosa. Data on their distribution and food availability.] *Actos Colq. Zonas Ribeirinhas* 1985: 207-223. In Portuguese with English summary. (CEMPA, Rua Fil. Folque 5, Lisboa, Portugal.)
- SCHMITZ,F. 1986. *Biometrisch onderzoek aan steltlopers in het Delta-gebied.* 1. *Gewichtscorrecties voor gevangen Bonte Strandlopers en Kanoetstrandlopers.* 2. *Vetgehalten, vetvrije gewichten, vleigellengten en hun correlatie bij de Bonte Strandloper.* [Biometric research on waders in the Dutch Delta. 1. Mass corrections for captured Dunlins and Knots. 2. Fat contents, fat-free masses, wing lengths and their correlations in Dunlins.] RWS-DGW Student report, Middelburg. In Dutch.
- SCHULZ,M. 1986. The Hooded Plover (*Charadrius rubricollis*) as a reef-forager. *Stilt* 9: 50-55. (Fish. Wildl. Service, P.O. Box 137, Heidelberg, Vic. 3084, Australia.)
- SILVIUS,M.J. 1986. Survey of the coastal wetlands in Sumatra Selatan and Jambi, Indonesia. PHPA-Interwader Report No. 1, Kuala Lumour. (Available at Interwader, P.O. Box 10769, Kuala Lumpur, Malaysia.)
- SIMMONS,K.E.L. 1986. The head-scratching method of the Ibisbill *Ibidorhyncha struthersii*. *Ibis* 129: 114-115. (c/o Dept. Psychol., The University, Leicester LE1 7RH, U.K.)

- SMIT,C.J. 1986. Orienterend onderzoek naar veranderingen in gedrag en aantal van wadvogels onder invloed van schietoefeningen. [Orientalizing research on behavioural and numerical changes of waders as a result of military exercises.] RIN-report 86/18, Texel. 28 pp. + Appendices. In Dutch. (Available for bf1.7 by payment on giro 949402 of RIN, Arnhem, The Netherlands. Refer to RIN-rapport 86/18.)
- SPANO,S. 1986. Age effect on wintering of the woodcock *Scolopax rusticola* L. Suppl. Ric. Biol. Selvag 10:383. (Inst. Zool., Univ. di Genova, Via Baldi 5, Genova, Italy.)
- STAWARCZYK,T. 1986. (Social strategies of waders (*Charadrii*) in non-breeding season.) *Przeglad Zool.* 30: 77-94. In Polish with English summary. (Mus. Zool., ul. Sienkiewicza 21, 50-335 Wroclaw, Poland.)
- TANGER,D. 1986. Gegevens over de voorjaarstrek van Regenwulpalen in Noord Holland. [Data on the spring migration of Whimbrels through Noord Holland.] *Graspieper* 6: 132-135. In Dutch. (Santpoorterstr. 34, 2023 DC Haarlem, The Netherlands.)
- TANGER,D. 1986. Kemphanen op doortrek in Noord-Holland. [Ruffs on migration in Noord-Holland.] *Graspieper* 6: 4-12. In Dutch.
- THOMAS,D.G. 1986. Gut contents of four small waders. *Stilt* 9: 30-31. (7 Dominion Court, Blackmans Bay, Tasmania 7152, Australia.) Large Sand Plover, Red-capped Plover, Double-banded Plover, Sharp-tailed Sandpiper.
- TOMKOVICH,P.S. 1986. (Population variability of the Red-necked Stint, *Calidris ruficollis* (*Charadriidae*) within its nesting range.) *Zoologicheskii Zhurnal* 65: 156-158. In Russian with English summary.
- TRIPLET,P. & ETIENNE,P. 1986. Le kleptoparasitisme du Goeland cendre *Larus canus* sur l'Huitrier pie *Haematopus ostralegus* en Baie de Somme. [The kleptoparasitism of Common Gulls on Oystercatchers in Baie de Somme.] *L'Oiseau et R.F.O.* 56: 376-378. In French. (ONC, CNERA Avifaune Migratrice, 82, quai des Chartrons, 33082 Bordeaux Cedex, France.)
- TWISK,F. 1986. Resultaten onderzoek beschikbaarheid bodemdieren voor vogels 1986. [Results research on availability benthos for birds 1986.] RWS notitie GWAO-86.527, Middelburg. In Dutch.
- VAN DIJK,A.J., VAN DIJK,K., DIJKSEN,L.J., VAN SPANJE,T. & WYMEnga,E. 1986. Wintering waders and waterfowl in the Gulf of Gabes, Tunisia, January - March 1984. WIWO-report 11, Zeist, 206 pp. With French and arabic summaries. (Available for Dfl.30, including p.&p. on postal giro 2666009 or ABN-bank-account-nr 570216613 of Stichting WIWO, Ewijk, The Netherlands.) Excellent and entertaining expedition report. Chapters of special interest to waderologists are listed separately.
- VAN DIJK,K. 1986. Macrobenthic fauna of the intertidal flat. In: Van Dijk,A.J. et al. (eds.). *Wintering waders and waterfowl in the Gulf of Gabes, Tunisia, January-March 1984.* WIWO report 11, Zeist, pp. 37-54. Includes analysis of wader stomachs contents.
- VAN DIJK,K. 1986. The international importance of the Gulf of Gabes for wintering waders and waterfowl. In: Van Dijk,A.J. et al. (eds.). *Wintering waders and waterfowl in the Gulf of Gabes, Tunisia, January-March 1984.* WIWO report 11, Zeist, pp. 161-172. Gulf of Gabes harbours half of all coastal waders wintering around the Mediterranean.
- WAGTER,L. 1986. Agressie in een groep Kluten in beeld gebracht. [Pictures of aggression in a group of Avocets.] *Graspieper* 6: 90-95. In Dutch. (Moezel 113, 1904 ED Drachten.)
- WARTMANN,B.A., MAURIZIO,R., BURKLI,W. & JUON,M. 1986. (The migration of waders and waterfowl through the Alps as demonstrated by observations in the Upper Engadine and Bergell (Grisons, Switzerland) including breeding and wintering records.) *Orn. Beob.* 83: 171-232. In German with English summary.
- WASMANN,R. 1986. Zur Nahrung der Zwergschneepfe (*Lymnocryptes minimus*). [On the food of Jack Snipes.] *Orn. Mitt.* 38:173. In German. (Noldenweg 8, D-3320 Salzgitter 1, West Germany.)
- WEGGLER,M. 1985. Zahlung der Watvogel im Flachteich Neerach. *Vogel der Heimat* 55: 80-83. In German. (Ringstr. 45, CH-8057 Zurich, Switzerland.)
- WHITFIELD,D.P. 1986. Plumage variability and territoriality in breeding turnstone *Arenaria interpres*: status signalling or individual recognition? *Anim. Behav.* 34: 1471-1482. (Dept. Zool., Univ. of Cambridge, Downing Str., Cambridge CB2 3EJ, U.K.)
- WHITFIELD,D.P. 1987. Plumage variability, status signalling and individual recognition in avian flocks. *Trends Ecol. Evol.* 2: 13-18. Turnstones and Oystercatchers featuring.
- WYMEnga,E. 1986. Wader trapping. In: Van Dijk,A.J. et al. (eds.). *Wintering waders and waterfowl in the Gulf of Gabes, Tunisia, January-March 1984.* WIWO report 11, Zeist, pp. 89-118. Analyses of biometry of Kentish and Grey Plovers, Little Stint, Curlew Sandpiper, Dunlin and Redshank.
- ZWARTS,L. 1986. Burying depth of the benthic bivalve *Scrobicularia plana* (da Costa) in relation to siphon-cropping. *J. Exp. Mar. Biol. Ecol.* 101: 25-39. (Rijksdienst voor de IJsselmeerpolders, P.O. Box 600, 8200 AP Lelystad, The Netherlands.) On the behaviour of an important waders' prey.
- DISTRIBUTION & FAUNISTICS
- ALLARD,P.R. 1986. Greater Sand Plover in Norfolk. *Brit. Birds* 79: 503-504. (13 Dolman Close, Cobham, Gt. Yarmouth, NR31 0BE, U.K.)
- ANDERSSON,B. & BRIEFE,B. 1986. (First record of Baird's Sandpiper *Calidris bairdii* in Sweden.) *Var Fagelvarld* 45: 347-349. In Swedish with English summary. (Björnkarrsgatan 6:C, 58248 Linköping, Sweden.)
- BAKER,D.G., CHILD,R.J. & TAYLOR,M.J. 1986. A Japanese Snipe at Mangere. *Notornis* 33: 149-150. (103 Campbell Rd., Onehunga, Auckland 6, New Zealand.)

- BEALEY,C.E. 1986. Sociable Plover at Dartford Marsh, 1985. In: Hastings, R.B. (ed.). Notes: 200 species in a year. London Bird Report 1985, pp. 197-204.
- BENNIKE,O. & KELLY,M. 1986. Bird observations in central North Greenland. *Dansk orn. Foren. Tidsskr.* 80: 29-34.
- BELTON,W. 1984. Birds of Rio Grande do Sul, Brazil. Part 1. Rheidae through Furnariidae. *Bull. Am. Mus. Nat. Hist.* 178(4): 371-631. (Rocky Hollow, Great Cacapon, WV 25422, U.S.A.) Includes recent distributional data on waders in southern Brazil.
- BERK,V.VAN DEN, DORP,D.VAN, HOORN,O.VAN & VOS,R. 1986. Cranes and waterfowl counts of some Turkish wetlands, October - November 1985. WIWO Report 10, Zeist, 45 pp. + Appendices. (Available for Dfl.10 on giro 2666009 of Stichting WIWO, Ewijk, The Netherlands.)
- BROWN,R.G. & ENGLEMAN,D. 1986. First record of Hudsonian Godwit in Panama. *Am. Birds* 40:429.
- CAMPBELL,J. 1986. Seasonal changes in the wader population of an inland site. *Stilt* 9: 41-49. (8/5 Wattle Ave., Glenhuntley, Vic. 3163, Australia.) Site in Victoria.
- CLOSE,D.H. & McCRIE,N. 1986. Seasonal fluctuation of waders in Gulf St Vincent, 1976-1985. *Emu* 86: 145-154. (School Biol. Sci., Flinders Univ., Bedford Park, S.A. 5042, Australia.)
- DANIELSON,F. & SKOV,H. 1986. Observations of waterbirds along the coast of South East Sumatra, July - August 1985. Report, Copenhagen, 24 pp. + Appendices. (c/o DOF, Vesterbrogade 140, DK-1620 Copenhagen V, Denmark.)
- DE SCHUYTER,T. 1985. (Buff-breasted Sandpiper *Tryngites subruficollis*, new to Belgium.) *Wielewaal* 51: 130-134. In Dutch with English summary. (Bondgenotenlaan 5, B-8390 Knokke-Heist, Belgium.)
- DONAHUE,P.K. Sight record of Red Knot for Bolivia. *Am. Birds* 40:224.
- GERRITSEN,G.J., KOEGEL,T.J.DE, DIJKSTRA,A.J. & BREMER,P. 1986. Flora en fauna van de IJsseluiterraarden. [Flora and fauna of the meadowlands bordering the river Ijssel.] Report PPD, Zwolle, 25 pp. In Dutch. (P.O. Box 10078, 8000 GB Zwolle, The Netherlands.) Reports on status of meadowbirds.
- GOODMAN,S.M., MEININGER,P.L. & MULLIE,W.C. 1986. The birds of the Egyptian Western Desert. *Misc. Publ. Zool. Mich.* 172: 1-91. (Mus. Zool., Univ. of Michigan, Ann Arbor, MI 48109-1079, U.S.A.) The status of waders is summarized on pp. 38-44.
- GRANT,P.J. 1986. Four problem stints. *Brit. Birds* 79: 609-621. (14 Heathfield Rd., Ashford, Kent, TN24 8QD, U.K.)
- HAIG,G.M. & MORRIS,A.J. 1986. Waders. In: Moon,A.V. (ed.). Birds of the London Area 1985. London Bird Report 1985, pp. 20-123.
- HASTINGS,R.B. 1986. White-rumped Sandpiper at Perry Oaks, S.F. 1984. In: Hastings,R.B. (ed.). Notes: 200 species in a year. London Bird Report 1985, pp. 197-204.
- HEWISH,M. 1986. The A.W.S.G. Population monitoring project: Report on the summer 1986 wader count. *Stilt* 9: 21-29. (74 Wellington Str., Bacchus Marsh, Vic. 3340, Australia.)
- HONGELL,H. 1986. (First record of Collared Pratincole in Finland.) *Lintumies* 21: 244-246. In Finnish with English summary. (Raahenkatu 46, SF-67200 Kokkola, Finland.)
- JAKOBSEN,B. 1985. *Langli/Skalligen Vadehavet, Arssrapport over observationer 1983. [Langli/Skalligen Wadden Sea, Annual report of 1983 - observations.]* Fredningstyrelsen, Copenhagen. In Danish.
- JENKINS,J.A.F., LOVEGROVE,T.G. & SIBSON,R.B. 1986. Red-necked Phalarope at Mangere, Manakau Harbour. *Notornis* 33: 191-192. (14 Locheil Rd., Auckland 5, New Zealand.)
- LACK,P. (compiler) 1986. *The Atlas of wintering birds in Britain and Ireland.* Poyser, Calton, 445 pp. (Price f19) pp. 178-227 document winter distribution of waders.
- LUDWIG,J., HELBIG,A. & BELTING,H. 1986. Die Bedeutung der Dummer-Niederung (Niedersachsen) als Brut- und Rastgebiet fur Wasservogel. *J. Orn.* 127: 390-391. In German. Abstract of poster.
- MCWHIRTER,D. 1985. Records of Pectoral Sandpiper *Calidris melanotos* for Okinawa Prefecture. *Strix* 4: 57-60. (P.S.C. 1 Box 27481, APO San Francisco, CA 96230, U.S.A.)
- MESSENBIRD,G.D.J. 1986. Killdeer at Beddington S.F., 1984. In: Hastings,R.B. (ed.). Notes: 200 species in a year. London Bird Report 1985, pp. 197-204.
- NIIKURA,M. 1985. (The Wood Sandpiper *Tringa glareola* wintered on the field of Chigasaki City.) *Strix* 4: 56-57. In Japanese with English summary. (4-31 Degudri-cho, Chigasaki-chi, Kanagawa 253, Japan.)
- NIJLAND,F. & TIMMERMANN,A.,Azn. 1986. (The importance of the Groote Wielen area for birds.) *Limosa* 59: 115-118. In Dutch with English summary. (p/a Canterlandseweg 18, 9061 CC Giekerk, The Netherlands.) Important for breeding, migrating and wintering meadow-birds (waders).
- PARKES,K.C. 1986. Notes on Philippine birds, 9. Re-identificaton of a unique Stint specimen. *Bull. Brit. Orn. Club* 106: 133-135.
- PATTERSON,R.M. 1986. National wader counts 1984 - the Tasmanian results. *An Occasional Stint* 4: 21-24. (89 Summerleas Rd., Fern Tree, Hobart, 7101 Tas., Australia.)
- SAGAR,P. 1986. Wader counts in New Zealand. *Stilt* 9: 32-34. (38A Yardley Str., Christchurch 4, New Zealand.)
- SALTER,R.E., SMITH,J.A., KOSKI,W.B. & BARBEAU,J.M. 1986. Mongolian Plover, *Charadrius mongolus*, in Alberta. *Can. Field-Natur.* 100: 257-258.
- SCHILPEROORD,L. & SCHILPEROORD-HUISMAN,M. 1986. Observations of waterbirds in some wetlands in Turkey, July/August 1986. WIWO report 14, Zeist, 40 pp. (Available for Dfl.7.50 on giro account nr. 2666009 of Stichting WIWO, Ewijk, The Netherlands.)

- SICK,H. 1984. *Ornitologia Brasileira, uma introducao.* [Brasilian Ornithology, an introduction.] Editora Universidade de Brasilia, Brasilia, 827 pp. In Portuguese. (Price US \$40, available from the publisher, Campus Univ. de Brasilia, Brasilia, DF, 70000 Brazil.) Together with the paper of Belton listed here, the only recent papers which list information on waders in Brazil.
- SMIT,C.J. 1986. Waders along the Mediterranean. A summary of present knowledge. *Suppl. Ric. Biol. Selvag.* 10: 297-317. (R.I.N., P.O. Box 59, 1790 AB Den Burg, Texel, The Netherlands.)
- TINARELLI,R. 1986. Wintering of avocets (*Recurvirostra avosetta*) in some coastal wetlands of Emilia-Romagna (North-East Italy). *Suppl. Ric. Biol. Selvag.* 10: 385-386. (Via Vasari 17, 40128 Bologna, Italy.)
- VAN DIJK,A.J. 1986. Census of waders and waterfowl. In: Van Dijk,A.J. et al. (eds.). *Wintering waders and waterfowl in the Gulf of Gabes, Tunisia, January-March 1984.* WIWO report 11, Zeist, pp. 55-80.
- VAN DIJK,A.J. & DIJKSEN,L.J. 1986. Avifauna. In: Dijk,A.J. et al. (eds.). *Wintering waders and waterfowl in the Gulf of Gabes, Tunisia, January-March 1984.* WIWO report 11, Zeist, pp. 119-160.
- VRIES,B.DE & VOSSEBELT,G. 1986. *Griend: vogels en bewaking 1984.* [Griend: birds and protection 1984.] Report Natuurmonumenten & Zool. Lab., University of Groningen, 61 pp. In Dutch. (Zool. Lab., P.O. Box 14, 9750 AA Haren, The Netherlands.) Wader counts.
- WAKEFIELD,Wm.C. 1986. The waders of some small islands off the south east coast of Tasmania. *An Occasional Stint* 4: 25-31. (The Surgery, Claremont Village, Claremont, Tas., Australia.)
- WILD BIRD SOC. OF JAPAN, RESEARCH DIV. 1985. (Results of the nationwide counts of waders and waterfowl conducted by the Wild Bird Society of Japan.) *Strix* 4: 88-105. In Japanese with English summary. (Aoyama Flower Bldg., 1-1-4 Shibuya, Shibuya-ku, Tokio 150, Japan.) Wader counts on 15 Sep. 1984 and 29 April 1985.
- WILLIAMS,J.M. & GROUT,P.C. 1985. Migrants on Guam, fall 1983. *'Elepaio* 46: 41-44. (Dept. Biol., Swarthmore Coll., Swarthmore, PA 19081, U.S.A.) Five waders new to the island: *Charadrius hiaticula*, *Tringa guttifer* (!), *Xenus cinereus*, *Numenius minutus*, *Calidris melanotos*, *C. alpina*.
- MISCELLANEOUS
- ALBRECHT,J.S.M. 1986. Some notes on the field characteristics of the Great Snipe *Gallinago media* with reference to the Common Snipe *Gallinago gallinago*. *Bull. Orn. Soc. Middle East* 16: 30-33. (12 Hemmingford Rd., Cambridge CB1 3BZ, U.K.)
- BIRD OBSERVERS ASSOCIATION OF TASMANIA. 1986. *An Occasional Stint.* Tasmanian Shorebird Study Group Bull. No. 4, Dec. 1986, 45 pp. (ISSN 0810-512 X) (Available from G.P.O. Box 68A, Hobart, Tas., Australia.) Articles are listed separately under author's names.
- BROWNIE,C., ANDERSON,D.R., BURNHAM,K.P. & ROBSON,D.S. 1985. *Statistical Inference from band recovery data - A Handbook.* Second Edition. U.S. Fish Wildl. Serv., Resour. Pub. 156. 305 pp. (Available free of charge at Publications Unit, U.S. Fish and Wildlife Service, Washington, DC 20402, U.S.A.) This handbook presents 14 models for the analysis of bird banding or fish tagging studies. Maximum likelihood estimators of survival and recovery rates are given with their estimators of sampling variances and covariances. Goodness of fit tests are presented as well as log-likelihood ratio tests of hypotheses. Two computer software packages are illustrated in the Handbook.
- CRONAU,J.P., DE GOEDE,R.G.M. & NIEBOER,E. 1986. A new character for age determination in the Bar-tailed Godwit *Limosa lapponica*. *Ring. & Migr.* 7: 135-138. (Dept. Biol., Vrije Universiteit, P.O. Box 7161, 1007 MC Amsterdam, The Netherlands.)
- DAVIES,S. 1986. Wader-watching in the Auckland area. *Stilt* 9: 35-37. (P.O. Box 39-180, West Auckland, P.O., Auckland, New Zealand.)
- DROPP,J., GROSSO,F. & SOYKA,J. 1981. The distribution, morphology and histochemistry of mast cells in the English Sparrow, parakeet, Woodcock and pheasant. *Proc. Pennsylvania Acad. Sci.* 55: 85-89. (Dept. Sci. Math., Mount St. Mary's Coll., Emmitsburg, MD 21727, U.S.A.)
- EISMA,D. 1986. Wadden in Korea. [Intertidal lands in Korea.] *Waddenbulletin* 21: 178-181. In Dutch. (NIOZ, P.O. Box 59, 1790 AB Den Burg, Texel, The Netherlands.)
- GOLLOP,J.B., BARRY,T.W. & IVERSON,E.H. 1986. *Eskimo Curlew? - a vanishing species?* Saskatchewan Natural History Society Special Publication No. 17, Regina, 160 pp. (Available at P.O. Box 1121, Regina, Saskatchewan, Canada S4B 3B4 for Can \$9.)
- HARRISON,C.J.O. 1983. A new wader, *Recurvirostridae* (Charadriiformes), from the Early Eocene of Portugal. *Cienc. da Terra (UNL)*, Lisboa 7: 9-16. (Brit. Mus. Nat. Hist., Sub-dept. Orn., Tring. Herts. HP23 6AP, U.K.)
- HERROELEN,P. 1986. (Leg colour variation in Wood Sandpipers (*Tringa glareola*) in central Africa.) *Veldornitol. Tijdschr.* 9: 77-79. In Dutch with English summary. (P.O. Box 64, B-8400 Oostende, Belgium.)
- JACOBS,R.A. (WILSON). 1986. *Snowy Plover (Charadrius alexandrinus), Section 4.4.1.. US Army Corps of Engineers Wildlife Resources Management Manual*, Techn. Rep. EL-86-54, Washington, D.C., 25 pp. (P.O. Box 2946, Portland, Oregon 97208, U.S.A.)
- KIRBY,J. 1986. Wader workers 'flock' to Scotland. *BTO News* 147:6. On WSG Annual Meeting and Conference in Edinburgh.
- LAURSEN,K. 1986. *Vildtbiologisk stations undersogelser i Vadehavet.* [Wildlife-biological station's research in the Wadden Sea area.] *Dansk orn. Foren. Tidsskr.* 80: 146-149. In Danish. (Vildtbiologisk Station, 9410 Ronde, Kalo, Denmark.)

- MEININGER, P.L. 1987. Samenvatting van ornithologisch onderzoek in het Deltagebied 1972 t/m aan de hand van rapportages. [Summary of the ornithological research in the Delta area 1972-1986 according to a report survey.] Nota GWAO-87.104, Middelburg, 12 pp. In Dutch.
- MEIRE, P. & MEININGER, P.L. 1985. Onderzoeksvoorstel monitoring-onderzoek vogels in de getijdegebieden van het Delta gebiet. [Research proposal for monitoring-research on birds in the tidal areas of the Dutch Delta.] RWS notitie - DDM-85.238, Middelburg. In Dutch.
- POTT, W. 1984. Teilalbinotischer Flussuferlaufer (*Actitis hypoleucus*) und flavistischer Kiebitz (*Vanellus vanellus*) im Radboseegebiet in Hamm. *Charadrius* 20:252. In German.
- SMALDON, R. 1986. Gait and leg length of Spotted Sandpiper. *Brit. Birds* 79: 657-658. (46 Briar Rd., Plymouth, Devon PL3 5JH, U.K.)
- SUEUR, F. 1985. Venericulture, mytiliculture et predation sur le littoral picard. [*Venerupis-* and *Mytilus-* farming and predation on the intertidal flats of Picardie, France.] Report IFREMER & CRP, Amiens, 24 pp. In French. (le Bout des Crocs, St. Quentin-en-Tourmont, 80120 Rue, France.)
- SUEUR, F. 1986. Conchyliculture et predation sur le littoral picard. [Shell farming and predation on the intertidal flats of Picardie, France.] Report IFREMER & CRP, Amiens, 40 pp. In French.
- SYKES, P.W., Jr. 1985. Construction of portable net pools and transport containers. *N. Am. Bird Bander* 10: 115-116. (USFWS, Sch. Forest Res., Univ. Georgia, Athens, GA 30602, U.S.A.)

LIST OF MEMBERS - CHANGES SINCE BULLETIN 48

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