

## RECENT PUBLICATIONS ON WADERS 55

compiled by Henk Koffijberg

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For help with this issue I am very grateful to T. Piersma, G.A. Gudmundsson, R.H.D. Lambeck, R. Uhlig, V. Dierschke, J. Van Impe, J. Melter, V.V. Morozov and M.B. Pedersen.

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

**N.B. a copy of your paper or abstract would be very helpful to enable me to add keywords or give added annotation to the titles.**

### BREEDING

Anderson, G.J. 1991. The breeding biology of the Bush Thick-knee *Burhinus magnirostris* and notes on its distribution in the Brisbane area. *Sunbird* 21: 33-61. (34 Hamby St., Everton Park, Qld. 4053, Australia).

Beintema, A. 1991. *Breeding ecology of meadow birds (Charadriiformes); implications for conservation and management*. Thesis University of Groningen, 128pp. (IBN (RIN), P.O. Box 9201, 6800 HB, Arnhem, Netherlands).

Blokhin, Yu.Y. 1988. (Waterside birds of the Lena delta: data on nesting biology). In: *Studies and protection of birds in Northern ecosystems*. Vladivostok: Far-Eastern Branch, USSR Academy of Sciences, pp. 18-23. In Russian with English summary.

Blomqvist, D. & Johansson, O.C. 1991. Distribution, reproductive success, and population trend in the Dunlin *Calidris alpina schinzii* on the Swe-

dish west coast. *Ornis Svecica* 1: 39-46. (Univ. Göteborg, Dept. Zool., Box 25059, S-40031 Göteborg, Sweden).

Boertmann, D., Meltofte, H. & Forchhammer, M. 1991. Population densities of birds in central Northeast Greenland. *Dansk. Orn. Foren. Tidsskr.* 85: 151-160. (Zool. Mus., Universitetsparken 15, DK-2100 Copenhagen Ø, Denmark). In the selected areas (lush lowland habitats), population densities of waders (*Charadrius hiaticula*, *Calidris alpina*, *C. alba*, *C. canutus*, *Arenaria interpres*, *Phalaropus fulicarius*) were high compared to other areas in high-arctic Greenland.

Brink, H. van den 1990. *De vogels van Rottumeroog en Rottumerplaat in 1978-89*. [The birds of Rottumeroog and Rottumerplaat from 1978-89]. SOVON-report 89/07. Beek-Ubbergen: SOVON, 143 pp. In Dutch. Available from SOVON, Rijksstraatweg 178, Beek-Ubbergen, The Netherlands. Price Dfl. 16 (postage included). Report on results of monitoring breeding and non-breeding birds on two small islands in the eastern part of the Dutch Waddensea. Recommendations are made for future monitoring and management. Contains many graphs.

Brouwer, J. 1991. Mixed breeding of waders at Bendigo Sewage Farm, Victoria: with some notes on breeding behaviour of in particular Red-necked Avocet *Recurvirostra novaehollandiae*. *Stilt* 19: 19-23. (Dept. Soil Science and Geology, P.O. Box 37, 6700 AA Wageningen, Netherlands). *Himantopus himantopus*, *Charadrius melanops*, *Vanellus miles*, and *Recurvirostra novaehollandiae*.

Buchanan, J.B., Herman, S.G. & Bulger, J.B. 1991. Observations of courtship and copulatory behavior of the Snowy Plover in the Western Great Basin. *Northwest. Nat.* 72: 72-74. (Cascadia Res. Collective, 218 1/2 W. Fourth Ave., Olympia, WA 98501, USA). *Charadrius alexandrinus* in Oregon and Nevada.

Buick, A.M. & Paton, D.C. 1991. Impact of Off-Road Vehicles on the nesting success of Hooded Plovers *Charadrius rubicollis* in the Coorong region of South Australia. *Emu* 89: 159-172. (P.O. Box 394, Woden, A.C.T. 2606, Australia).

Grant, M.C. 1991. Relationship between egg size, chick size at hatching, and chick survival in the Whimbrel *Numenius phaeopus*. *Ibis* 133: 127-133. (Dept. Biol. Sci., Durham Univ., South Rd., Durham DH1 3LE, UK).

Grant, M.C. 1991. Nesting densities, productivity and survival of breeding Whimbrel *Numenius phaeopus* in Shetland. *Bird Study* 38: 160-169.

Green, R.E. 1991. Sex differences in the behaviour and measurements of Common Snipes *Gallinago gallinago* breeding in Cambridgeshire, England. *Ring. & Migr.* 12: 57-60. (RSPB, 17 Regent Terrace, Edinburgh EH7 5BN, UK). Results suggest that most Common Snipe can be sexed reliably using measurements of the outer-

most rectrices and bill. Field observations of marked birds indicate that birds can be sexed during the breeding season by their behaviour.

Hilken, G. 1990. (Population density investigations on Greenland in the Wedeler Marsch in 1984 and 1985). *Hamburger avifaun. Beitr.* 22: 77-97. In German with English summary. (Immenbarg 10, 2000 Hamburg 62, Germany).

Holland, P.K. & Yalden, D.W. 1991. Population dynamics of Common Sandpipers *Actitis hypoleucos* breeding along an upland river system. *Bird Study* 38: 151-159. (D.W. Yalden, Dept. Environ. Biol., Univ. Manchester M13 9PL, UK). Survival rate appears to be sufficient to balance the low mortality rate in average years but inadequate to compensate for the extreme mortality produced by extreme weather.

Van Impe, J. 1991. Een overzicht van de broedende steltlopers op de opgespoten terreinen van Antwerpen-Linkeroever (1977-1990). (A survey of the breeding waders of the man-made deposits on the left bank of the river Schelde near Antwerp (1977-1990). *Oriolus* 57: 9-17. In Dutch with English summary. (K.B.I.N., Vautierstr. 29, B-1040 Brussel, Belgium). Breeding waders: *Haematopus ostralegus*, *Himantopus himantopus*, *Recurvirostra avosetta*, *Charadrius dubius*, *C. hiaticula*, *C. alexandrinus*, *Vanellus vanellus*, *Calidris alpina*, *Limosa limosa*, *Numenius arquata* and *Tringa totanus*.

Kidyraliev, A. 1990. [The birds of lakes and mountain rivers of the Kirgizia]. Frunze, "Ilim": [s.n.], 238 pp. In Russian.

Kokhanov, V.D. 1989. [Greenshanks on islands of the Kandalaksha Bay]. In: *The plant and animal world of nature reserves on the islands*. Moscow: [s.n.], pp. 44-56. In Russian

Lane, B.A. 1991. Survey of Victorian beaches for Hooded Plovers: October 1990. *Stilt* 19: 7-8. (12/262 Barkly St., North Fitzroy, Vic. 3068, Australia). Breeding numbers of *Charadrius rubricollis* in Australia.

Larsen, T. 1991. Anti-predator behaviour and mating systems in waders: aggressive nest defence selects for monogamy. *Anim. Behav.* 41: 1057-1062. (Dept. Anim. Ecol., Mus. Zool., Univ. Bergen, N-5007 Bergen, Norway). Information on 90 species.

Luttrell, J. 1991. Spurwings retrieve their eggs *Notornis* 38: 151. (RD 1, Featherston, New Zealand). *Vanellus miles novaehollandiae*.

Macivor, L.H. 1990. *Population dynamics, breeding ecology, and management of Piping Plovers on Outer Cape Cod, Massachusetts*. M.S. thesis, Univ. Mass., 100 pp. *Charadrius melodus*.

Mehlum, F. 1991. The incubation behaviour of the Grey Phalarope *Phalaropus fulicarius* on Svalbard. *Fauna Norv. Ser. C. Cinclus* 14: 33-37 (Norsk Polarinst., Roliftangveien 12, N-1330 Oslo Lufthavn, Norway).



- Oring, L.W., Colwell, M.A. & Reed, J.M. 1991. Lifetime reproductive success in the Spotted Sandpiper (*Actitis macularia*): sex differences and variance components. *Behav. Ecol. Sociobiol.* 28: 425-432. (Ecol., Evol. & Conserv. Biol. Program, RWF, 1000 Valley Rd., Univ. Nevada, Reno 55812, USA).
- Oring, L.W., Reed, J.M., Colwell, M.A., Lank, D.B. & Maxson, S. J. 1991. Factors regulating annual mating success and reproductive success in Spotted Sandpiper (*Actitis macularia*). *Behav. Ecol. Sociobiol.* 28: 433-442.
- Paton, P.W.C. & Edwards, T.C. 1990. Status and nesting ecology of the Snowy Plover at Great Salt Lake. *Utah Birds* 6: 49-66. (Coop. Fish & Wildl. Res. Unit, Dep. Fish & Wildl., Utah State Univ., Logan 84322-5210, USA). *Charadrius alexandrinus*.
- Patterson, M.E., Fraser, J.D. & Roggenbuck, J.W. 1991. Factors affecting Piping Plover productivity on Assateague Island. *J. Wildl. Manage.* 55: 525-531. (School For. & Wildl. Resour., VPI&SU, Blacksburg, VA 24061, USA). *Charadrius melodus*.
- Schamel, D. & Tracey, D.M. 1991. Breeding site fidelity and natal philopatry in the sex role-reversed Red and Red-necked Phalaropes. *J. Field Ornithol.* 62: 390-398. In English with Spanish summary. (Dept. Biol. & Wildl. & Inst. Arctic Biol., Univ. Alaska, Fairbanks 99775, USA). *Phalaropus fulicarius* and *P. lobatus*.
- Stewart, I.D. 1991. 1990 Spring Hooded Plover survey, South Australia. *Stilt* 19: 9-10. (Box 28, Rendelsham, SA 5280, Australia). *Charadrius rubricollis*.
- Thompson, P.S. & Thompson, D.B.A. 1991. Greenshanks *Tringa nebularia* and long-term studies of breeding waders. *Ibis* (Suppl.1) 133: 99-112. (Univ. Durham, Dept. Biol. Sci., Sci. Lab., South Rd., Durham DH1 3LE, UK).
- Thompson, P.S. & Hale, W.G. 1991. Age-related reproductive variation in the Redshank *Tringa totanus*. *Ornis Scand.* 22: 353-359. Effects of adult size and adult experience on breeding performance are examined, and the likely consequences on the population are discussed.
- Tomkovitch, P.S. 1991. [Factors of variation in the clutch size, egg size and egg weight in Spoon-billed Sandpiper (*Euryornhynchus pygmeus*) (*Charadriiformes, Scolopacidae*)]. *Zool. Zh.* 70: 107-112. In Russian with English summary. (Zool. Mus. Moscow University, Herzen St. 6, 103009 Moscow K-9, USSR).
- Tomkovitch, P.S. 1988. (Breeding relations and partners role in care for nestings in Curlew Sandpiper). In: *Studies and protection of birds in Northern ecosystems*. Vladivostok: Far-Eastern Branch, USSR Academy of Sciences, pp. 180-184. In Russian with English summary. *Calidris ferruginea*.
- Uhlig, G.R. 1990. Zur Bestandssituation des Stelzenläufers (*Himantopus himantopus*) in Südost-Europa. (The population of the Black-winged Stilt (*Himantopus himantopus*) in Southeastern Europe). *Kartierung mediterr. Brutvögel* 4: 13-17. In German with English summary. (Hufelandstrasse 10, 1055 Berlin, Germany). Dramatic decline in Hungary, former Yugoslavia, Albania, Bulgaria, Rumania and the Ukraine, compared to the relatively stable population in the Iberian Peninsula. Locally, the loss of habitats is compensated by colonization of e.g. saltworks, rice fields and pond areas.
- Verhage, M., Chapman, A. & Brown, B. 1990. Crab Plovers breed in the Gulf. *Phoenix* 7: 4-5. (Emirates Nat. Hist. Group, P.O. Box 2380, Abu Dhabi, United Arab Emirates). *Dromas ardeola*.
- Whitfield, D.P. & Brade, J.J. 1991. The breeding behaviour of the Knot *Calidris canutus*. *Ibis* 133: 246-255. (Nat. Conserv. Council, 12 Hope Terrace, Edinburgh EH9 2AS, Scotland).
- BEHAVIOUR, ECOLOGY & EVOLUTION
- Akriotis, T. 1991. Weight changes in the Wood Sandpiper *Tringa glareola* in south-eastern Greece during spring migration. *Ring. & Migr.* 12: 61-66. (Tsirigoti 1, 34100 Chalkis, Greece). Weight was significantly affected by body size, time of day, date and age but no differences could be found between years which differed in habitat conditions as well as the area of suitable habitat available.
- Andreev, A.V. 1988. (Food demands and individual survival in the arctic chicks). In: *Studies and protection of birds in Northern ecosystems*. Vladivostok: Far-Eastern Branch, USSR Academy of Sciences, pp. 8-17. In Russian with English summary.
- Balandin, V.O. & Kuznetsov, A.V. 1990. [Curlew in the agrolandscape of Kostroma lowland]. In: *Rare bird species of the central Non-Chernozem Zone*. Moscow: [s.n.], pp. 160-161. In Russian. *Numenius arquata*.
- Barter, M. 1991. Addendum to "Survival rate of Double-banded Plovers *Charadrius bicinctus bicinctus* spending the non-breeding season in Victoria". *Stilt* 19: 5. (21 Chivalry Ave., Glen Waverly, Vic. 3150, Australia). Update on previous (see: *Stilt* 15: 34-36) survival rate estimates.
- Barter, M. 1991. Mongolian Plovers *Charadrius mongolus* in Australia: need for more biometric and breeding plumage information. *Stilt* 19: 5-6. Discussion on the lack of biometric and plumage information on sub-species of *Charadrius mongolus*.
- Beltzer, A.H. 1991. Aspects of the foraging ecology of the waders *Tringa flavipes*, *Calidris fuscicollis* and *Charadrius collaris* (Aves: *Scolopacidae; Charadriidae*) in Del Cristal Pond (Santa Fe, Argentine). *Stud. Neotrop. Fauna Environ.* 26: 65-73. (Inst. Nac. Limnol. (INALCONICET) J. Macia 1933, 3016 Santo Tome, Santa Fe, Argentina).
- Browning, M.R. 1991. Taxonomic comments on the Dunlin, *Calidris alpina*, from Northern Alaska and Eastern Siberia. *Bull. Br. Ornithol. Club* 111: 140-145. (Biol. Surv., N.E.R.C., US Fish & Wildl. Serv., Natl. Mus. Nat. Hist., Washington, DC 20560, USA).
- Cassie, B.E. 1991. Unusual roosting behavior of the Upland Sandpiper (*Bartramia longicauda*). *Bird Observer* 19: 202.
- Castro, G., Wunder, B.A. & Knopf, F.L. 1991. Temperature-dependent loss of mass by shorebirds following capture. *J. Field Ornithol.* 62: 314-318. In English with Spanish summary. (West. Hemisphere Shorebird Reserve Network, Manomet Bird Observ., P.O. Box 936, Manomet, MA 02345, USA).
- Dann, P. 1991. Feeding behaviour and diet of Double-banded Plovers, *Charadrius bicinctus*, in Western Port, Victoria. *Emu* 91: 179-184. (Penguin Reserv. Comm. Manage, P.O. Box 403, Cowes, Philip Island, Vic. 3922, Australia).
- Davies, S. 1991. Longevity, breeding success, and faithfulness to wintering sites of Wrybill: as suggested by banding data. *Stilt* 19: 26-27. (Dept. Philosophy, Univ. Auckland, Private Bag, Auckland, New Zealand). *Anarhynchus frontalis*.
- Dowding, J.E. & Chamberlin, S.P. 1991. Annual movement patterns and breeding-site fidelity of the New Zealand Dotterel (*Charadrius obscurus*). *Notornis* 38: 89-102. (P.O. Box 5843, Dunedin, New Zealand).
- Ellis, H.L. & Jehl, J.R. Jr. 1991. Total body water and body composition in Phalaropes and other birds. *Physiol. Zool.* 64: 973-984. (Dept. Biol., Univ. San Diego, Alcalá Park, San Diego, CA 92110, USA). *Phalaropus tricolor* and *P. lobatus*.
- Estafiev, A.A. 1991. [Fauna and ecology of waders of Bolshezemelskaya tundra and Yugorski Peninsula]. Leningrad, "Nauka": [s.n.], 144pp. In Russian.
- Estafiev, A.A. 1988. (Breeding efficiency dominating sandpipers of Bolshezemelskaya tundra and Yugorski Peninsula). In: *Studies and protection of birds in Northern ecosystems*. Vladivostok: Far-Eastern Branch, USSR Academy of Sciences, pp. 56-59. In Russian with English summary.
- Hasson, O. 1991. Chronological orientation of a pursuit deterrent signal: head bobbing of the Spur-winged Plover *Vanellus spinosus*. *Isr. J. Zool.* 37: 188-189. (Dept. Entomol., Fac. Agric., Hebrew Univ., Jerusalem, P.O. Box 12, 76100 Rehovot, Israel). Abstract only.
- Haward, P. & Barter, M. 1991. Biometrics and moult of Grey-tailed Tattlers *Tringa brevipes* in Australia. *Stilt* 19: 10-13. (30 Scotts St., Bentle-



igh, Vic. 3204, Australia).

Johnson, R., Lawler, W. & Barter, M. 1991. Biometrics and moult of Oriental Pratincoles *Glareola maldivarum* in the Indramayu-Cirebon region, West-Java, Indonesia. *Stilt* 19: 14-18. (100 Pioneer Parade, Banora Point, NSW 2486, Australia).

Kepp, T., Melter, J. & Reinke, E. 1991. *Report of the ornithological expedition to northern Cameroon*, January/February 1991. [Münster]: OAG Münster, 40 pp. (OAG Münster, Biologische Station, Coermühle 181, D-4400 Münster, Germany). With information on the target species of the expedition, the Ruff *Philomachus pugnax*. Population size, sex-ratio, age distribution and biometrics have been studied. Results of counts of other wader species are also presented. The report can be ordered from Biologische Station by paying 7.50 DM (including postage) to German postal giro account Dortmund 56500 - 460. (See review elsewhere in this *Bulletin*).

Kiss, J.B., Rekas, J. & Sterbetz, I. 1990. Autumn food of Woodcock (*Scolopax rusticola* L., 1758) in the Danube delta. *Aquila* Vol. 96-97: 81-86. In English with Hungarian summary. (Str. 23 August, Nr. 167.ap.3, 8800 Tulcea, Romania).

Lofaldi, L., Kålas, J.A. & Fiske, P. 1990. Food and habitat use of Great Snipe during the breeding season. *Trans. Congr. Int. Union Game Biol.* 19: 129. (Norwegian Inst. Nat. Res., Tungasletta 2, N-7004 Trondheim, Norway). *Gallinago media* in Norway. Abstract only.

McNair, D.B. 1991. Agonistic behavior of Ruddy Turnstones toward Short-billed Dowitchers foraging for Horseshoe Crab eggs. *Fla. Field Nat.* 19: 83-84. (303 Robinson St., Rockingham, NC 28379, USA). *Arenaria interpres* and *Limnodromus griseus* in Florida.

Melde, F. 1991. [On the biology of *Charadrius dubius*]. *Falke* 38: 226-230. In German. (Otto-Nagel-Str. 29/0301, O-8600 Bautzen, Germany).

Morozov, V.V. 1990. [Rare breeding waders of flood-land meadows of the Moscow and Klyaz'ma Rivers]. In: *Rare bird species of the central Non-Chernozem Zone*. Moscow: [s.n.], pp. 144-149. In Russian.

Nicoll, M., Rae, R.W., Summers, R.W., Strann, K.-B. & Brockie, K. 1991. The biometrics of Norwegian and Svalbard Purple Sandpipers *Calidris maritima*. *Ring. & Migr.* 12: 67-71. (Dundee Mus., Dundee, Tayside, Scotland).

Pedersen, M.B. 1991. (Impact of a 90m/2MW wind turbine on birds: avian responses to the implementation of the Tjaereborg Wind Turbine at the Danish Wadden Sea). *Danske Vildtundersøgelser* No. 47, 44 pp. In Danish with extended English summary. (NERI, Grenaavej 12, DK-8410, Roende, Denmark). Assessment of impact of disturbance on breeding and staging waterfowl, waders and gulls.

Piersma, T., Tulp, I., Verkuil, Y., Wiersma, P., Gudmundsson, G.A. & Lindstöm, Å. 1991. Arctic sounds on temperate shores: the occurrence of song and ground display in Knots *Calidris canutus* at spring staging sites. *Ornis Scand.* 22: 404-407. Zool. Lab., Univ. Groningen, P.O. Box 14, 9750 AA Haren, Netherlands). Ground display and song were observed while foraging in flocks on the tidal flats in the Wadden Sea of Schleswig-Holstein, Germany. Similar displays and song were recorded on the staging areas in northwest Iceland. Observations suggest that behavioural condition required for reproduction may, at least in males, develop some weeks before the actual arrival in the breeding areas.

Piersma, T. 1991. Red Knots in New Zealand eat molluscs too: preliminary diet observations at Miranda, Firth of Thames and Farewell Spit in November 1990. *Stilt* 19: 30-35. (Netherlands Inst. for Sea Res. (NIOZ), P.O. Box 59, 1790 AB Den Burg, Texel, Netherlands). Prey choice of *Calidris canutus rogersi*. Possible selection for relatively small prey is discussed.

Piersma, T. & Barter, M. 1991. Wader catching casualties for body condition analysis: rationale and first results for Great Knots. *Stilt* 19: 36-38. *Calidris tenuirostris*.

Ryabitshev, V.K. 1988. (Nesting density fluctuations and territorial conservatism in Yamal birds). In: *Studies and protection of birds in Northern ecosystems*. Vladivostok: Far-Eastern Branch, USSR Academy of Sciences, pp. 177-179. In Russian with English summary.

Sampath, K. 1991. Food habits of shorebirds from the Great Vedaranyam Salt Swamp of Tamil Nadu, India. *Stilt* 19: 50-52. (Post Graduate Teacher Zool., Government Higher Secondary School, Sathanur - 606 502, Tamil Nadu, India). Food of *Charadrius mongolus*, *Tringa stagnatilis*, *Calidris minuta*, *C. ferruginea*, *Tringa totanus* and some less common wader species.

Sampath, K. 1990. Food of the Spotted Sandpiper *Tringa glareola* (Linn.). *J. Bombay Nat. Hist. Soc.* 87: 297.

Siegel-Causey, D. 1991. Foraging habitat selection by American and Magellanic Oystercatchers (*Haematopus palliatus* and *H. leucopodus*) on Patagonian tidal flats. *Can. J. Zool.* 69: 1636-1643. In English with French summary. (Mus. Nat. Hist. & Dept. Syst. & Ecol., Univ., Kans., Lawrence 66045-2454, USA).

Tulp, I. & P. DE Goeij 1991. Hot news from a hot place: feeding ecology studies on Knots and other waders in Broome, Northwest Australia, spring 1991. *Stilt* 19: 24-26. (Netherlands Inst. for Sea Res. (NIOZ), P.O. Box 59, 1790 AB Den Burg, Texel, Netherlands). *Calidris tenuirostris*, *C. canutus rogersi*.

Uhlig, R. 1990. On the migration of the Whimbrel, *Numerius phaeopus*, in Bulgaria. *Zool. Middle East* 4: 33-38. (Hufelandstrasse 10, 1055 Berlin, Germany). Records of Whimbrel in Bul-

garia (1912-1989) are reviewed. Phenology, distribution, ecology and behaviour of migrants are described and discussed. Attention is drawn to "pale" Whimbrels which may belong to the subspecies *alboaxillaris*.

Underhill, G. 1991. A Black Oystercatcher adapts to the presence of man. *Promerops* No. 197, pp. 5-6. *Haematopus moquini* in South Africa.

Ward, D. 1990. The demography, diet and reproductive success of African Black Oystercatchers on a sandy beach. *Ostrich* 61: 125-133 (Mitrani Cent. Desert Ecol., Jacob Blaustein Inst. Desert Res., Sede Boqer 84993, Israel). *Haematopus moquini* in South Africa.

Ward, D. & Maclean, G. 1988. Coexistence of Crowned and Blackwinged Plovers. *Oecologia* (Heidelb.) 77: 400-406. *Vanellus coronatus* and *V. melanopterus* in South Africa.

Zwarts, L. & Wanink, J.H. 1991. The macrobenthos fraction accessible to waders may represent marginal prey. *Oecologia* (Heidelb.) 87: 581-587. (Rijkswaterstaat Flevoland, P.O. Box 600, 8200 AP Lelystad, Netherlands).

#### DISTRIBUTION & FAUNISTICS

Alessandria, G., Toffola, M.D. & Carpegna, F. 1990. [First observation of Spurwinged Plover, *Hoplopterus spinosus*, in Italy]. *Riv. Ital. Ornitol.* 60: 197-198. In Italian. (Corso Caio Olinio 70, 10127 Torino, Italy).

Ashby, R. 1991. Waders of far north-west Tasmania. *Stilt* 19: 44-49. NW Regional Hospital Burnie, Tasmania, 7320, Australia).

Bardon, K. 1991. Western Sandpiper documentation. *Loon* 63: 196-197. (8150 W. River Road, #346, Brooklyn Park, MN 55444, USA). *Calidris mauri* in Minnesota.

Battley, P. 1991. Marsh Sandpipers in New Zealand. *Stilt* 19: 28-29. (108 Peakes Rd., Wanganui, New Zealand). *Tringa stagnatilis*.

Boyd, R.L. 1991. First nesting record for the Piping Plover in Oklahoma. *Wilson Bull.* 103: 305-308. (Biol. Dept., Baker Univ., Baldwin City, KS 66006, USA). *Charadrius melodus*.

Brasser, D. 1991. Purple Sandpiper (*Calidris maritima*), 2 November 1990, Sheboygan Co., North Point in Sheboygan. *Passenger Pigeon* 53: 193. (813 Logan Ave., Sheboygan, WI 53083, USA).

Brazier, F.H. 1991. Mountain Plover sighting near Regina. *Blue Jay* 49: 88-89. (2657 Cameron St., Regina, SN, Canada S4T 2W5). *Charadrius montanus* in Canada.

Brazier, F.H. 1991. Black-tailed Godwit sighted near Regina - first for interior North America. *Blue Jay* 49: 90-92. *Limosa limosa* in Canada.



- Brooke, R. 1991. Records of some waders seldom reported from the Karoo. *Promerops* No. 199, p. 9. *Arenaria interpres*, *Calidris melanotos*, *C. alba* in South Africa.
- Broyer, J. & Roche, J. 1991. [The nesting population of Curlew *Numenius arquata* in the Saone Basin]. *Alauda* 59: 129-135. In French with English summary. (O.N.C., Stn. Rhin-Rhone, 19 Blvd. de la Vilette, 69003 Lyon, France).
- Bruster, K.-H. 1990. (On the importance of gravel pits for resting Jack Snipe (*Lymnocyptes minimus*). *Hamburger avifaun. Beitr.* 22: 209-212. In German with English summary. (Langenhorste Chaussee 186 a, 2000 Hamburg 62, Germany).
- Claassen, J. & Claassen, R. 1991. (Caspian Plover in the Karoo). *Promerops* No. 197: 11. In Afrikaans. *Charadrius asiaticus* in South Africa.
- Costas Rodriguez, R. 1990. [New birds for Spain: the Killdeer *Charadrius vociferus*]. *Garcilla* No. 77: 16-17. In Spanish.
- Cox, J. 1991. Interesting wader records from the Interior. *S. Aust. Ornithol.* 31: 76. (7 Agnes Ct, Salisbury East, S.A. 5109, Australia). *Pluvialis squatarola*, *Charadrius veredus*, *Numenius minutus*, *Calidris melanotos*, *C. ruficollis*, *C. acuminata*, *Tringa glareola*, *T. nebularia*, and *T. stagnatilis* in Australia.
- David, R.E. 1991. The status of the Spotted Sandpiper (*Actitis macularia*) in the Hawaiian Islands. *Elepaio* 51: 33-35. (P.O. Box 1371, Kailua-Kona, HI 96745, USA).
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# REVIEWS

Kepp, T., Melter, J. & Reinke, E. (OAG Münster) 1991. Report of the ornithological expedition to northern Cameroon, January/February 1991. OAG Münster, Germany. 40pp.

Available from Biologische Station, Coermühle 181, 4400 Münster, Germany for 7.50 DM (including postage) to German postal giro account Dortmund 56500-460.

Like several other groups of waderologists, members of OAG Münster are adopting a migratory role in order to study their birds (in this case the Ruff *Philomachus pugnax*) in different parts of their range. This study concentrated on describing the ecological conditions

and numbers of waders in the Lake Chad basin. Because of the political and military conflict in Chad, plus theft of the expedition car, the study area was confined to northern Cameroon.

Although Lake Chad was a fraction of its normal 21,000 km<sup>2</sup>, due to droughts in the early 1980s, access to the lake proved difficult. For practical reasons work was focused on the roosts in the rice fields and along the rivers, and the winter Ruff population of northern Cameroon was estimated at 250,000 - 350,000. Counts are given for other species (Wood Sandpipers *Tringa glareola* were also common) and although localities are given for count sites, maps would also have been useful. The authors also provide a

comprehensive species list of the birds seen.

About a hundred Ruffs were captured for biometrics and ageing. Field observations showed that the population was 75% males, thus contrasting with South Africa where there are more females. Despite difficulties faced by the expeditions, the results give a good impression of this little known area, and lays the ground work for future research.

R.W. Summers

