

# Recent Publications on Waders 74

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Remember to include, if possible, the address of the first author, and translations of titles if they are in other languages than English.

For help with this issue I'm very grateful to T. Piersma, I. Bainbridge, P. Triplet, K.-M. Exo, T.W. Dougall, C. Zöckler, R.B. Lanctot, R. McNeil, W. Meissner, J. Melter, T.D. Evans, B. Nikolov, and M. Schmitz.

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 some keywords or give added annotation to the titles.**

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## Breeding

Amat, J.A., Fraga, R.M. & Arroyo, G.M. 1999. Reuse of nesting scrapes by Kentish Plovers. *Condor* 101(1): 157-158. *Charadrius alexandrinus*

Amat, J.A., Fraga, R.M. & Arroyo, G.M. 1999. Brood desertion and polygamous breeding in the Kentish Plover *Charadrius alexandrinus*. *Ibis* 141(4): 596-607. (Estación Biológica de Doñana, C.S.I.C., Apartado 1056, E-41080 Sevilla, Spain)

Arnold, T.W. 1999. What limits clutch size in waders?. *J. Avian Biol.* 30(2): 216-220. (Delta Waterfowl & Wetlands Res. Stn., RR 1, Portage la Prairie, Manitoba R1N 3A1 Canada, e-mail: [tarnold@deltawaterfowl.com](mailto:tarnold@deltawaterfowl.com)). Clutch

enlargement in Holarctic waders leads to greater rates of nest predation, egg damage, and hatching failure. Together this is sufficient to limit clutch size among most wader species.

Bealey, C.E., Green, R.E., Robson, R., Taylor, C.R. & Winspear, R. 1999. Factors affecting the numbers and breeding success of Stone Curlews *Burhinus oedicnemus* at Porton Down, Wiltshire. *Bird Study* 46(2): 145-156. (RSPB, The Lodge, Sandy, Bedfordshire SG19 2DL, UK). High rabbit population has positive effect on breeding numbers and breeding success.

Bil, W. & Schuur, J. 1999. Overlevingskansen van Kieviten pulli op intensief gebruikt grasland. [Survival of Lapwing pulli on intensively used grassland]. *Vogeljaar* 47(2): 55-63. In Dutch with English summary. (De Buorren 91, NL-8408 HL Lippenhuizen, Netherlands, e-mail: [W.Bil@hetnet.nl](mailto:W.Bil@hetnet.nl)). *Vanellus vanellus*.

Blomqvist, D., Johansson, O.C. & Götmark, F. 1997. Parental quality and egg size affect chick survival in a precocial bird, the Lapwing *Vanellus vanellus*. *Oecologia* 110: 18-24.

Davis, W.E. Jr. & Armstrong, C. 1997. Killdeer nest on gravel roofs of office buildings in Canton, Massachusetts. *Bird Observer* 25: 94-98. (c/o BOEM, P.O. Box 236, Arlington, MA 02174, USA). *Charadrius vociferus*.

Espie, R.H.M., James, P.C., Brigham, R.M. 1998. The effect of flooding on Piping Plover *Charadrius melodus* reproductive success at Lake Diefenbaker, Saskatchewan, Canada. *Biol. Conserv.* 86(2): 215-222.

Espie, R.H.M., Brigham, R.M. & James, P.C. 1996. Habitat selection and clutch fate of Piping Plovers *Charadrius melodus* breeding at Lake Diefenbaker, Saskatchewan. *Can. J. Zool.* 74(6): 1069-1075.

Flynn, L., Nol, E. & Zharikov, Y. 1999. Philopatry, nest-site tenacity, and mate fidelity of Semipalmated Plovers. *J. Avian Biol.* 30(1): 47-55. (Watershed Ecosystems Grad. Progr., Trent Univ., Peterborough, Ontario, Canada K9J 7B8, e-mail: [lflynn@sd48.mountain-inter.net](mailto:lflynn@sd48.mountain-inter.net)). *Charadrius semipalmatus*, Manitoba, Canada.

Flynn, L. 1997. *Philopatry, nest-site*

*tenacity, and mate fidelity in Semipalmated Plovers (Charadrius semipalmatus) breeding at Churchill, Manitoba.* M.Sc. thesis, Trent University. (Watershed Ecosystems Grad. Progr., Trent Univ., Peterborough, Ontario, Canada K9J 7B8, e-mail: [lflynn@sd48.mountain-inter.net](mailto:lflynn@sd48.mountain-inter.net)).

Frost, D. 1997. Observations on the territorial behaviour of Kentish Plover *Charadrius alexandrinus* at Khor Dubai. *Emirates Bird Rep.* 19: 126. (1 Shakespeare Rd., St. Ives, Cambs PW17 4TR, UK)

Grave, C., Melter, J. & ten Thoren, B. 1998. Zur Siedlungsdichte de Kiebitz *Vanellus vanellus* in intensiv genutzten Agrarlandschaften Nordwestdeutschlands. (Densities of Lapwings *Vanellus vanellus* in intensively used farmland in Lower Saxony). *Vogelkd. Ber. Niedersachs.* 30(2): 77-86. In German with English summary. (Lindenstrasse 33, D-49191 Belm/OS, Germany)

Heg, D. & van Treuren, R. 1998. Female-female cooperation in polygynous Oystercatchers. *Nature* 391: 687-691. *Haematopus ostralegus*

Hegy, Z. 1996. Laying date, egg volumes and chick survival in Lapwing (*Vanellus vanellus* L.), Redshank (*Tringa totanus* L.), and Black-tailed Godwit (*Limosa limosa* L.). *Ornis Hung.* 6: 1-7.

De Jong, A. & Sandström, L. 1998. (Two Curlews *Numenius arquatus* laid eggs in the same nest?). *Ornis Svecica* 8(3): 129-130. (Hössjö 115, S-905 86, Umeå, Sweden)

Kruk, M., Noordervliet, M. & ter Keurs, W. 1999. Overleving van gruttoekikens op boerengrasland. [Survival of Black-tailed Godwit chicks in agricultural grasslands]. *Vogeljaar* 47(2): 49-54. In Dutch. (Stichting Landschapsbeheer Zuid-Holland, P.O. Box 558, NL-2800 AN Gouda, Netherlands). *Limosa limosa*.

Lanctot, R.B., Weatherhead, P.J. Kempnaers, B. & Scribner, K.T. 1998. Male traits, mating tactics and reproductive success in the Buff-breasted Sandpiper, *Tryngites subruficollis*. *Anim. Behav.* 56: 419-432. (US Geol. Surv., Biol. Res. Div., Alaska Biol. Sci. Ctr., 1011 E. Tudor Rd., Anchorage, AK 99503-6199, USA, e-mail:

richard\_lanctot@nbs.gov). Study results suggest that males may use alternative mating tactics more readily than males in other lek-breeding waders because unpredictable breeding conditions in its high arctic breeding area leads to low lek stability; and males are not constrained by morphological markings that indicate status or sex. Both characteristics may reduce reproductive benefits associated with males adopting on mating tactic and result in a sort of scramble competition in which males switch between tactics as local conditions change.

Lanctot, R.B., Scribner, K.T., Kempnaers, B. & Weatherhead, P.J. 1997. Lekking without a paradox in the Buff-breasted Sandpiper. *Am. Nat.* 149(6): 1051–1070. *Tryngites subruficollis*.

Liker, A. & Székely, T. 1999. Parental behaviour on the Lapwing *Vanellus vanellus*. *Ibis* 141(4): 608–614. (Behav. Biol. Res. Grp., Dept. Ecol., Univ. Vet. Sci., Pf. 2, H–1400 Budapest, Hungary, e-mail: aliker@ns.univet.hu)

Michaelis, H. 1998. Brut des Austernfischers *Haematopus ostralegus* auf dem Flachdach eines Schulgebäudes in Mettingen, Kreis Steinfurt. (Breeding by Oystercatchers *Haematopus ostralegus* on the flat roof of a school building at Mettingen in the German federal state of North Rhine-Westphalia). *Charadrius* 34(1): 57–59. In German. (Berg up Sonn 23, D–49497 Mettingen, Germany).

Möller, D. 1998. Brutvorkommen der Uferschnepfe (*Limosa limosa*) in Ackerflächen. (Black-tailed Godwits (*Limosa limosa*) breeding in arable fields). *Charadrius* 34(1): 60–63. In German with English summary.

Nol, E., Sullivan Blanken, M. & Flynn, L. 1997. Sources of variation in clutch size, egg size and clutch completion dates of Semipalmated Plovers in Churchill, Manitoba, Canada. *Condor* 99: 389–396. (Biol. Dept., Trent Univ., Peterborough, Ontario, Canada K9J 7B8, e-mail: enol@trentu.ca). *Charadrius semipalmatus*

Orr, N. 1999. Egg-burying behaviour of Kentish Plovers. *Brit. Birds* 92(7): 367–368. (4 Denham Drive, Christchurch, Dorset BH23 5AT, UK). *Charadrius alexandrinus* burying eggs suggesting temperature control. Parish, D.M.B. & Coulson, J.C. 1998.

Parental investment, reproductive success and polygyny in the Lapwing, *Vanellus vanellus*. *Anim. Behav.* 56: 1161–1167.

Rebergen, A. ...[et al.] 1998. Breeding success and predation at nests of Banded Dotterel (*Charadrius bicinctus*) on braided riverbeds in the central South Island, New Zealand. *N.Z.J. Ecol.* 22: 33–41. (Dept. Conserv., P.O. Box 191, Masterton, New Zealand). Very low breeding success. Island nests more successful than nests on the mainland.

Schekkerman, H., van Roomen, M.W.J. & Underhill, L.G. 1998. Growth, behaviour of broods and weather-related variation in breeding productivity of Curlew Sandpipers *Calidris ferruginea*. *Ardea* 86(2): 153–168. (DLO Inst. Forrestry & Nat. Res., P.O. Box 23, NL–6700 AA Wageningen, Netherlands, e-mail: h.schekkerman@ibn.dlo.nl).

Stasaitis, J. 1998. The breeding peculiarities of the Golden Plover *Pluvialis apricaria* in Lithuania. *Acta Zool. Lituonica, Ornithol.* 8(2): 141–147.

Teather, K. & Nol, E. 1997. Mixed sexual dimorphism in the Semipalmated Plover. *Condor* 99: 803–806. (Nol: Biol. Dept., Trent Univ., Peterborough, Ontario, Canada K9J 7B8, e-mail: enol@trentu.ca). *Charadrius semipalmatus*

Tuttle, D.C., Stein, R. & Lester, G. 1997. Snowy Plover nesting on Eel River gravel bars, Humboldt County [California]. *West. Birds* 28: 174–176. (Dept. Public Works, Nat. Resour. Div., 1106 Second St., Eureka, CA 95501, USA). *Charadrius alexandrinus*.

Widemo, F. 1998. Alternative reproductive strategies in the Ruff, *Philomachus pugnax*: a mixed ESS?. *Anim. Behav.* 56: 329–336. (Dept. Zool., Univ. Uppsala, Villavögen 9, S–752 36 Uppsala, Sweden).

## Behaviour, ecology & evolution

Alexander, S.A., Hobson, K.A., Gratto-Trevor, C.L. & Diamond, A.W. 1996. Conventional and isotopic determinations of shorebird diets at an inland stopover: the importance of invertebrates and *Potamogeton pectinatus* tubers. *Can. J. Zool.* 74(6): 1057–1068.

Andres, B.A. 1998. Shoreline habitat use of Black Oystercatchers breeding in Prince William Sound, Alaska. *J. Field Ornithol.* 69(4): 626–634. *Haematopus bachmani*

Baccetti, N., Serra, L., Cherubini, G. & Magnani, A. 1999. Timing of attachment to wintering site as revealed by experiment displacements of Dunlins *Calidris alpina*. *J. Ornithol.* 140(3): 309–317. (Inst. Naz. Fauna Selvatica, I–40064 Ozzano Emilia BO, Italy, e-mail: infszumi@iperbole.bologna.it)

Backwell, P.R.Y., O'Hara, P.D. & Christy, J.H. 1998. Prey availability and selective foraging in shorebirds. *Anim. Behav.* 55: 1659–1667. (Smithsonian Trop. Res. Inst., P.O. Box 2072, Balboa, Panama). Waders studied a.o. *Numerius phaeopus*, *Catoptrophorus semipalmatus*, *Arenaria interpres*, *Pluvialis squatarola*, *Charadrius wilsonia*, *C. semipalmatus*.

Barbosa, A. 1997. The effects of predation risk on scanning and flocking behavior in Dunlin. *J. Field Ornithol.* 68: 607–612. (Lab. Ecol., Univ. Pierre et Marie Curie, 7 Quai St., Bernard, Case 237, F–75252 Paris Cedex 05, France). *Calidris alpina*.

Barbosa, A. 1996. Relationship between bill morphology and preening behaviour in waders. *Ethol. Ecol. & Evol.* 8: 291–296.

Brandsma, O. 1999. Het belang van bemesting voor het voedselaanbod van weidevogels. (The importance of organic fertilizers and/or lime for earthworms and meadow birds in a wetland in NW–Overijssel). *Levende Natuur* 100(4): 118–123. In Dutch with English summary. (Klosseweg 12, NL–7946 KH Waneperveen, Netherlands). Relation between biomass of earthworms and densities of breeding *Vanellus vanellus* and *Limosa limosa*.

Buchanan, J.B. ...[et al.] 1996. Body mass and lipid levels of shorebirds collected in western Washington. *Northwest Nat.* 77: 51–54. (Washington Dept. Fish Wildl., Wildl. Manage. Div., 600 Capitol Way N., Olympia, WA 98501 USA). *Charadrius semipalmatus*, *Pluvialis squatarola*, *Arenaria interpres*, *Calidris canutus*, *C. alba*, *C. mauri*, *C. alpina*.

Burger, J. & Tsipoura, N. 1998. Experimental oiling of Sanderlings (*Calidris alba*): behavior and weight

- changes. *Environ. toxicol. chem.* 17(6): 1154–1158. (Tsipoura: Rutgers Univ., Div. Life Sci., Nelson Biol. Labs., 604 Allison Rd., Piscataway, NJ 08854, e-mail: tsipoura@rci.rutgers.edu).
- Calvo, B. & Furness, R.W. 1996. Effects of environmental conditions on aerial feeding by Collared Pratincoles *Glareola pratincola* breeding in southwest Spain. *Avocetta* 20: 97–100. (Appl. Ornithol. Unit, Inst. Biomed. Life Sci., Graham Kerr Bldg., Glasgow Univ., Glasgow G12 8QQ, UK)
- Dann, P. 1999. Feeding periods and supratidal feeding of Red-necked Stints and Curlew Sandpipers in Western Port, Victoria. *Emu* 99(3): 218–222. (Penguin Reserve Comm. Manage., P.O. Box 97, Cowes, Philip Isl., Vic. 3922, Australia). *Calidris ruficollis*, *C. ferruginea*.
- Delehanty, D.J., Fleischer, R.C., Colwell, M.A. & Oring, L.W. 1998. Sex-role reversal and the absence of extra-pair fertilization in Wilson's phalaropes. *Anim. Behav.* 55: 995–1002. (Dept. Bio., Univ. Nevada, Reno, NV 89557, USA). *Phalaropus tricolor*.
- Dietz, M.W., Piersma, T. & Dekinga, A. 1999. Body-building without power training: endogenously regulated pectoral muscle hypertrophy in confined shorebirds. *J. Exp. Biol.* 202: 2831–2837. (Ctr. Ecol. Evol. Stud., Zool. Lab., Univ. Groningen, P.O. Box 14, NL-9750 AA Haren, Netherlands, e-mail: m.w.dietz@biol.rug.nl)
- Le Dréan-Quénech'hdu & Mahéo, R. 1997. [Impact of waders on molluscs in the Traicts du Croisic, west France]. *Alauda* 65: 131–149. In French with English summary. (Lab. Evol. Syst. Nat. Mod., Univ. de Rennes, Campus de Beaulieu, F-35042 Rennes Cedex, France)
- Goss-Custard, J.D., Cayford, J.T. & Lea, S.E.G. 1998. The changing trade-off between food finding and food stealing in juvenile Oystercatchers. *Anim. Behav.* 55: 745–760. (ITE, Furzebrook Res. Stn., Wareham, Dorset BH20 5AS, UK). *Haematopus ostralegus*
- Hitchcock, C.L. & Gratto-Trevor, C. 1997. Diagnosing a shorebird local population decline with a stage-structured population model. *Ecology* 78: 522–534.
- Hockey, P.A.R., Turpie, J.K., Plagányi, E.E. & Philips, T.E. 1999. Scaling patterns in the foraging behaviour of sympatric plovers: effects of body size and diet. *J. Avian Biol.* 30(1): 40–46. (Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch, S. Africa 7701, e-mail: phockey@botzoo.uct.ac.za). *Dromas ardeola*, *Pluvialis squatarola*, *Charadrius leschenaultii*, *C. mongolus*, *C. hiaticula*, Kenya.
- Hughey, K.F.D. 1997. The diet of the Wrybill (*Anarhynchus frontalis*) and the Banded Dotterel (*Charadrius bicinctus*) on two braided rivers in Canterbury, New Zealand. *Notornis* 44: 185–193. (Dept. Resour. Manage., P.O. Box 56, Lincoln Univ., New Zealand).
- Johansson, O.C. & Blomqvist, D. 1996. Habitat selection and diet of Lapwing *Vanellus vanellus* chicks on coastal farmland in S.W. Sweden. *J. Appl. Ecol.* 33: 1030–1040.
- De Leon, M.T. & Smith, L.M. 1999. Behavior of migrating shorebirds at North Dakota prairie potholes. *Condor* 101(3): 645–654. (Dept. Range, Wildl. Fish. Manage., Texas Tech. Univ., Lubbock, TX 79409–2125, USA). Diurnal time-activity budgets of *Recurvirostra americana*, *Limnodromus scolopaceus*, *Calidris himantopus*, *C. pusilla*, *C. minutilla* were examined to evaluate the importance of prairie pothole wetlands for shorebirds.
- Liker, A. & Székely, T. 1997. Aggression among female Lapwings, *Vanellus vanellus*. *Anim. Behav.* 54: 797–802. (Zool. Ctr., Univ. Vet. Sci., P.O. Box 2, H-1400 Budapest, Hungary)
- Lindström, Å. 1998. Mass and morphometrics of Little Stints *Calidris minuta* on autumn migration along the arctic coast of Eurasia. *Ibis* 140(1): 171–174.
- Lunn, J. 1999. Northern Lapwings resting on urban roof. *Brit. Birds* 92(7): 368. (11 Springfields, Barnsley S75 1JS, UK). *Vanellus vanellus*.
- Mason, C.F. & MacDonald, S.M. 1999. Habitat use by Lapwings and Golden Plovers in a largely arable landscape. *Bird Study* 46(1): 89–99. (Dept. Biol. Sci., Univ. Essex, Wivenhoe Pk., Colchester CO4 3SQ, UK). *Vanellus vanellus* and *Pluvialis apricaria*.
- McNeil, R. & Rodriguez Silva, J.R. 1996. Ecological significance and sensorial aspects of nocturnal foraging in shorebirds. In: Cabana, T. (ed.). *Animals in their environment*. Orbis, Frelighsburg (Quebec), 1996, p. 23–58. (Dept. Sci. Biol., Univ. Montréal, C.P. 6128, Succ. 'Centre-ville', Montréal, PQ, H3C 3J7 Canada, e-mail: mcneilr@ere.unmontreal.ca). Review of occurrence, controlling factors, inter-relationships, success, strategies, and benefits of nocturnal foraging in Charadrii, and discusses its significance.
- Melter, J. & Sauvage, A. 1997. Measurement and moult of Ruffs *Philomachus pugnax* wintering in West Africa. *Malimbus* 19: 12–18. (OAG Münster, Biol. Stn., Coermühle 181, D-48157 Münster, Germany). Measurement of wing, bill and tarsus, and information about leg colour.
- Mihue, J.R., Trost, C.H. & Mihue, T.B. 1997. Shorebird predation on benthic macroinvertebrates in an irrigation reservoir. *Great Basin Naturalist* 57: 245–253. (Dept. Biol. Sci., Idaho State Univ., Pocatello, ID 83209–8007, USA)
- Norris, K. & Johnstone, I. 1998. Interference competition and the functional response of Oystercatchers searching for cockles by touch. *Anim. Behav.* 56: 639–650. *Haematopus ostralegus*.
- Petersen, B. & Exo, K.-M. 1999. Predation of waders and gulls on *Lanice conchilega* tidal flats in the Wadden Sea. *Mar. Ecol. Prog. Ser.* 178: 229–240. (Inst. Vogelforschung 'Vogelwarte Helgoland' An der Vogelwarte 21, D-26386 Wilhelmshaven, Germany, e-mail: exo@ifv-terramare.fh-wilhelmshaven.de). Waders investigated: *Haematopus ostralegus*, *Calidris alpina*, *Numenius arquata*, *Tringa totanus*, East Frisian Wadden Sea, Germany.
- Piersma, T., Dekker, M. & Sinninghe Damst., J. 1999. An avian equivalent of make-up? *Ecol. Letters* 2: 201–203. (NIOZ, P.O. Box 59, NL-1790 AB Den Burg, Texel, Netherlands, e-mail: theunis@nioz.nl). *Calidris canutus* makes a complete switch from commonly occurring monoester preen waxes to a much rarer class of higher-molecular-weight diester waxes at the time of take-off to the high arctic breeding grounds.
- Piersma, T., Gudmundsson, G.A. & Lilliendahl, K. 1999. Rapid changes in the size of different functional organ and

- muscle groups during refueling in a long-distance migrating shorebird. *Physiol. Biochem. Zool.* 72(4): 405–415. Study of adaptive value of size changes in different organs and muscle groups in *Calidris canutus islandica* in relation to migration.
- Piersma, T. & Klaassen, M. 1999. *Methods of studying the functional ecology of protein and organ dynamics in birds*. In: Adams, N.J. & Slotow, R.H. (eds.). Proc. 22 Int. Ornithol. Congr., Durban, p. 36–51. The potential of new non-terminal methods (ultrasound, nuclear magnetic resonance imaging and computer tomography), which allow repeated size estimation of various organs, was evaluated in recent studies on shorebirds and swans. These methods allow non-invasive, repeated quantification of the size of different organs in individual birds.
- Rojas, L.M., McNeil, R., Cabana, T. & Lachapelle, P. 1999. Diurnal and nocturnal visual capabilities in shorebirds as a function of their feeding strategies. *Brain behav. evol.* 53: 29–43. (McNeil: Dept. Sci. Biol., Univ. Montréal, C.P. 6128, Succ. 'Centre-ville', Montréal, PQ, H3C 3J7 Canada, e-mail: mcnair@ere.unmontreal.ca). *Charadrius wilsonia*, *Limnodromus griseus*, *Scolopax minor*, *Himantopus himantopus*, *Catoptrophorus semipalmatus*.
- Ruggiero, R.G. 1996. Interspecific feeding associations mutualism and semi-parasitism between *Hippopotami Hippopotamus amphibius* and African Jacanas *Actophilornis africanus*. *Ibis* 138: 346–348. (Wild. Conserv. Soc., BP 14537, Brazzaville, Republic of Congo)
- Serra, L., Whitelaw, D.A., Tree, A.J. & Underhill, L.G. 1999. Molt, mass and migration of Grey Plovers *Pluvialis squatarola* wintering in South Africa. *Ardea* 87(1): 71–81. (Ist. Naz. Fauna Selvatica, via Ca' Fornacetta 9, I-40064 Ozzano Emilia BO, Italy)
- Smith, H.T. & Rodgers Jr., J.A. 1996. Sanderling *Calidris alba* flight duration response to inadvertent disturbance. *Fla. Field Nat.* 24(3): 74–75.
- Steiof, K. 1999. Water Rail killing and eating wader. *Brit. Birds* 92(4): 204. (Seestrasse 60, D-133347 Berlin, Germany). *Rallus aquaticus* versus *Calidris alpina* or *Gallinago gallinago*.
- Sueur, F. 1999. Mue tardive chez le Bécasseau variable *Calidris alpina*. [Late moulting in the Dunlin *Calidris alpina*]. *Avifaune Picarde* 7: 32. In French. (9 rue du Champ neuf, Le Bout des Crocs, F-80120 Saint-Quentin-en-Tourmont, France).
- Triplet, P., Sueur, F., Fagot, C., Oget, E. & Desprez, M. 1999. Réponses de l'Huîtrier-pie *Haematopus ostralegus* à une diminution de sa ressource alimentaire principale en Baie de Somme: la Coque. [Response of Oystercatchers *Haematopus ostralegus* to a reduction of its main food source in the Somme bay: the cockle. *Alauda* 67(2): 145–153. (SMACOPI, Réserve Naturelle Baie de Somme, Stn. Biol. Blanquetaque, 1 place de l'Amiral Courbet, F-80100 Abbeville, France, e-mail: blanquetaque@dyadel.net)
- Triplet, P., Bacquet, S., Lengignon, A., Oget, E. & Fagot, C. 1999. Effets de dérangements sur l'Huîtrier-pie *Haematopus ostralegus* en Baie de Somme. (Effects of disturbance on the Oystercatcher *Haematopus ostralegus* in the Baie de Somme. *Gibier Faune Sauvage* 16(1): 45–64. In French with English and German summary. Recreation and illegal fishing (cockles) were the most important cause of human disturbance of Oystercatchers.
- Triplet, P., Stillman, R.A. & Goss-Custard, J.D. 1999. Prey abundance and the strength of interference in a foraging bird. *J. Anim. Ecol.* 68: 254–265. (Stillman: Inst. Terr. Ecol., Furzebrook Res. Stn., Wareham, Dorset BH20 5AS, UK, e-mail: r.stillman@ite.ac.uk)
- Tsipoura, N. & Burger, J. 1998. *Shorebird diet during spring migration stopover on Delaware Bay*. Piscataway: Rutgers University, Dept. Biol. Sci., 10 p. (Rutgers Univ., Div. Life Sci., Nelson Biol. Labs., 604 Allison Rd., Piscataway, NJ 08854, e-mail: tsipoura@rci.rutgers.edu).
- Tsipoura, N. & Burger, J. 1999. Shorebird diet during spring migration stopover on Delaware Bay. *Condor* 101(3): 635–644. Horseshoe crab eggs on the main dish for *Calidris canutus*, *Arenaria interpres*, *C. alba*, *C. pusilla*. All had an increase in body mass up to 70–80% during their stay at Delaware Bay.
- Violet, F. 1998. Mue tardive d'un Pluvier dor, *Pluvialis apricaria*. [Late moulting in the Golden Plover *Pluvialis apricaria*]. *Avifaune Picarde* 6: 96. In French. (11/13 boulevard Carnot, F-80460 Ault, France)
- Weston, M.A. 1998. An observation of aggression between a Hooded Plover and a Black-fronted Dotterel. *Aust. Bird Watcher* 17: 301–302. (Dept. Zool., Univ. Melbourne, Parkville, Vic. 3052, Australia). *Charadrius rubricollis*, *C. melanops*.

## Distribution & faunistics

Adriaens, P. & Bekaert, L. 1997. [Least Sandpiper at Gent in August 1996]. *Dutch Birding* 19: 217–221. In Dutch with English summary. *Calidris minutilla*, Belgium.

Agee, A. 1997. Killdeer hatches in Snowy Plover nest. *West. Birds* 28: 115. (10117 Ranchwood Manor Dr., Oklahoma City, OK 73139, USA). *Charadrius vociferus*, *Charadrius alexandrinus*.

Andrews, I. 1997. The Western Sandpiper in Lothian. *Birding World* 10: 302–304. *Calidris mauri*.

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