

PUBLICATIONS AND THESES ON ANTARCTIC AND SUB-ANTARCTIC BIRDS, 1997

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SUMMARY

PHILLIPS, C.M. 2000. Publications and theses on Antarctic and sub-Antarctic birds, 1997. *Marine Ornithology* 28: 115–118.

A total of 123 scientific publications and theses on Antarctic and sub-Antarctic birds for 1997 is listed by author. This annual list is produced on behalf of the Bird Biology Subcommittee of the Scientific Committee on Antarctic Research (SCAR) Working Group on Biology as a service to marine ornithologists.

INTRODUCTION

In 1986, the Bird Biology Subcommittee of the Scientific Committee on Antarctic Research (SCAR) Working Group on Biology recommended that a list of recent publications on Antarctic and sub-Antarctic seabirds species from 1986 be prepared.

The 1997 list, the twelfth to be produced and published in *Marine Ornithology*, has been compiled by scanning the relevant literature and abstracting services, and by correspondence with members of the subcommittee. Readers are requested to send reprints of their recent relevant literature, including ones missing from this or previous lists, to the author for inclusion in subsequent lists.

BIBLIOGRAPHY

- AINLEY, D.G. 1997. Factors regulating population size and colony formation of Adélie Penguins in the Ross Sea. *Antarct. J. U. S.* 32: 107–108.
- ANCEL, A., VISSER, H., HANDRICH, Y., MASMAN, D. & LE MAHO, Y. 1997. Energy saving in huddling penguins. *Nature* 385: 304–305.
- BARBOSA, A., MORENO, J., POTTI, J. & MERINO, S. 1997. Breeding group size, nest position and breeding success in the Chinstrap Penguin. *Polar Biol.* 18: 410–414.
- BARNES, K.N., RYAN, P.G. & BOIX-HINZEN, C. 1997. The impact of the hake *Merluccius* spp. longline fishery off South Africa on procellariiform seabirds. *Biol. Conserv.* 82: 227–234.
- BERGIN, A. 1997. Albatross and longlining – managing seabird bycatch. *Mar. Policy* 21: 63–72.
- BERGSTRÖM, S. 1997. Ixodid ticks and bacterial pathogens on Bird Island and mainland South Georgia (Husvik) 1996. *Polarforskningssekretariatets Årsbok 1995/96*: 42–43.
- BEVAN, R.M., BOYD, I.L., BUTLER, P.J., REID, K., WOAKES, A.J. & CROXALL, J.P. 1997. Heart rates and abdominal temperatures of free-ranging South Georgian Shags, *Phalacrocorax georgianus*. *J. Exp. Biol.* 200: 661–675.
- BINGHAM, M. 1997. Food transfer between Gentoo Penguin *Pygoscelis papua* siblings. *Mar. Orn.* 25: 70.
- BOERSMA, P.D. 1997. Feeding chases and food allocation in Adélie Penguins, *Pygoscelis adeliae*. *Anim. Behav.* 54: 1047–1052.
- BONNEDAHL, J. 1997. King Penguins on South Georgia. *Polarforskningssekretariatets Årsbok 1995/96*: 44.
- BOST, C.A., GEORGES, J.Y., GUINET, C., CHEREL, Y., PÜTZ, K., CHARRASSIN, J.-B., HANDRICH, Y., ZORN, T., LAGE, J. & LE MAHO, Y. 1997. Foraging habitat and food intake of satellite-tracked King Penguins during the austral summer at Crozet Archipelago. *Mar. Ecol. Prog. Ser.* 150: 21–33.
- BOURNE, W.R.P. & SIMMONS, K.E.L. 1997. A dark-rumped Leach's Storm-petrel *Oceanodroma leucorhoa* in the South Atlantic. *Sula* 11: 209–216.
- BRETAGNOLLE, V. & GENEVOIS, F. 1997. Geographic variation in the call of the Blue Petrel: effects of sex and geographical scale. *Condor* 99: 985–989.
- BRIED, J. & JOUVENTIN, P. 1997. Morphological and vocal variation among subspecies of the Black-faced Shearwater. *Condor* 99: 818–825.
- BUCHER, T.L. & VLECK, C.M. 1997. Patterns of nest attendance and relief in Adélie Penguins, *Pygoscelis adeliae*. *Antarct. J. U. S.* 32: 103–104.
- CASAUX, R., CORIA, N. & BARRERA-ORO, E. 1997. Fish in the diet of the Antarctic Shag *Phalacrocorax bransfieldensis* at Laurie Island, South Orkney Islands. *Polar Biol.* 18: 219–222.
- CASAUX, R.J., FAVERO, M., CORIA, N. & SILVA, P. 1997. Diet of Imperial Cormorant *Phalacrocorax atriceps*: comparison of pellets and stomach contents. *Mar. Orn.* 25: 1–4.
- CERVINO, C., HAUT, G., RIQUELME, L., IODICE, O., DEZI, R. & AFFANNI, J. 1997. Estudio de la actividad bioeléctrica cerebral en dos especies de pingüinos antárticos: *Pygoscelis adeliae* (pingüino de Adelia) y *P. antarctica* (pingüino de barbijo). *Contrib. Inst. Antárt. Argent.* 461: 1–17.
- CHUPIN, I. 1997. Human impact and breeding success in Southern Giant Petrel *Macronectes giganteus* on King George Island (South Shetland Islands). *Korean J. Polar Res.* 8: 113–116.
- COBB, W.T. 1997. AMLR Program: fur seal and penguin studies at Seal Island and Cape Shirreff, Livingston Island, Antarctica, 1996–1997 austral summer. *Antarct. J. U. S.* 32: 137–138.
- COHEN, B.L., BAKER, A.J., BLECHSCHMID, T.K. & 13

- others. 1997. Enigmatic phylogeny of skuas (Aves: Stercorariidae). *Proc. Roy. Soc. Lond. Ser. B* 264: 181–190.
- COOPER, J., WOLFAARDT, A.C. & CRAWFORD, R.J.M. 1997. Trends in population size and breeding success at colonies of Macaroni and Rockhopper Penguins, Marion Island, 1979/80–1995/96. *CCAMLR Sci.* 4: 89–103.
- CORIA, N.R., SOAVE, G.E. & MONTALTI, D. 1997. Diet of Cape Petrel *Daption capense* during the post-hatching period at Laurie Island, South Orkney Islands, Antarctica. *Polar Biol.* 18: 236–239.
- COURT, G.S., DAVIS, L.S., FOCARDI, S., BARGARGLI, R., FOSSI, C., LEONZIO, C. & MARILI, L. 1997. Chlorinated hydrocarbons in the tissues of South Polar Skuas (*Catharacta maccormicki*) and Adélie Penguins (*Pygoscelis adeliae*) from Ross Sea, Antarctica. *Envir. Poll.* 97: 295–301.
- CROXALL, J.P. 1997. Emperor ecology in the Antarctic winter. *Trends Ecol. Evol.* 12: 333–334.
- CROXALL, J.P., PRINCE, P.A. & REID, K. 1997. Dietary segregation of krill-eating South Georgia seabirds. *J. Zool.* 242: 531–556.
- ENTICOTT, J.W. & TIPLING, D. 1997. Photographic handbook of seabirds of the world. London: New Holland. 234 pp.
- ERTEL, R. & ROSE, B. 1997. Erstnachweis eines Bulleralbatrosses *Diomedea bulleri* für Afrika. *Limicola* 11: 306–309.
- FAVERO, M., SILVA, P. & FERREYRA, G. 1997. Trophic relationships between the Kelp Gull and the Antarctic Limpet at King George Island (South Shetland Islands, Antarctica) during the breeding season. *Polar Biol.* 17: 431–436.
- FRANCHI, E., CORSOLINI, S., FOCARDI, S., CLARKE, J.C., TREMONT, R. & KERRY, K.R. 1997. Biological research on Adélie Penguin (*Pygoscelis adeliae*) associated with CCAMLR Ecosystem Monitoring Program (CEMP). In: di Prisco, G., Focardi, S. & Luporini, P. (Eds). Proceedings of the 3rd Meeting on Antarctic Biology, Santa Margherita Ligure, Italy, December 1996. Camerino: Camerino University Press. pp. 209–219.
- GARDNER, H., KERRY, K., RIDDLE, M., BROUWER, S. & GLEESON, L. 1997. Poultry virus infection in Antarctic penguins. *Nature* 387: 245.
- GEORGES, J.-Y., GUINET, C., JOUVENTIN, P. & WEIMERSKIRCH, H. 1997. Satellite tracking of seabirds: interpretation of activity pattern from the frequency of satellite locations. *Ibis* 139: 403–405.
- GOSS, C., BONE, D.G., PECK, J.M., EVERSON, I., HUNT, G.L. & MURRAY, A.W.A. 1997. Small-scale interactions between prions *Pachyptila* spp. and their zooplankton prey at an inshore site near Bird Island, South Georgia. *Mar. Ecol. Prog. Ser.* 154: 41–51.
- GREEN, K. 1997. Biology of the Heard Island Shag *Phalacrocorax nivalis*. 1. Breeding behaviour. *Emu* 97: 60–66.
- GREEN, K. 1997. Biology of the Heard Island Shag *Phalacrocorax nivalis*. 2. Breeding. *Emu* 97: 67–75.
- GREEN, K. & WILLIAMS, R. 1997. Biology of the Heard Island Shag *Phalacrocorax nivalis*. 3. Foraging, diet and diving behaviour. *Emu* 97: 76–83.
- GUINET, C., KOUDIL, M., BOST, C.A., DURBEC, J.P., GEORGES, J.Y., MOUCHOT, M.C. & JOUVENTIN, P. 1997. Foraging behaviour of satellite-tracked King Penguins in relation to sea-surface temperatures obtained by satellite telemetry at Crozet Archipelago, a study during three austral summers. *Mar. Ecol. Prog. Ser.* 150: 11–20.
- HAGELIN, J.C. & MILLER, G.D. 1997. Nest-site selection in South Polar Skuas: balancing nest safety and access to resources. *Auk* 114: 638–645.
- HANDRICH, Y., BEVAN, R.M., CHARRASSIN, J.-B., BUTLER, P.J., PÜTZ, K., WOAKES, A.J., LAGE, J. & LE MAHO, Y. 1997. Hypothermia in foraging King Penguins. *Nature* 388: 64–67.
- HUIN, N. 1997. Prolonged incubation in the Black-browed Albatross *Diomedea melanophris* at South Georgia. *Ibis* 139: 178–180.
- HUIN, N. & PRINCE, P.A. 1997. Diving behaviour of the Grey-headed Albatross. *Antarct. Sci.* 9: 243–249.
- HULL, C.L. 1997. The effect of carrying devices on breeding Royal Penguins. *Condor* 90: 530–534.
- HULL, C.L., HINDELL, M.A. & MICHAEL, K. 1997. Foraging zones of Royal Penguins during the breeding season, and their association with oceanographic features. *Mar. Ecol. Prog. Ser.* 153: 217–228.
- JANES, D.N. 1997. Energetics, growth, and body composition of Adélie Penguin chicks, *Pygoscelis adeliae*. *Physiol. Zool.* 70: 237–243.
- JANES, D.N. 1997. Osmoregulation by Adélie Penguin chicks on the Antarctic Peninsula. *Auk* 114: 488–495.
- JOUVENTIN, P. 1997. Écologie: pourquoi étudier les oiseaux de l'océan Austral. In: Institut Français pour la Recherche et la Technologie Polaires. Rapport d'activité: année 96 et campagnes d'été. pp. 55–59.
- KERRY, K.R., CLARKE, J.R., EBERHARD, S., GARDNER, H., LAWLESS, R.M., TRÉMONT, R., WIENECKE, B.C., CORSOLINI, S., FOCARDI, S., FRANCHI, E., RODARY, D. & THOMSON, R. 1997. The foraging range of Adélie Penguins – implications for CEMP and interactions with the krill fishery. *CCAMLR Sci.* 4: 75–87.
- KIRKWOOD, R. & ROBERTSON, G. 1997. Foraging ecology of female Emperor Penguins in winter. *Ecol. Monogr.* 67: 155–176.
- KIRKWOOD, R. & ROBERTSON, G. 1997. Seasonal change in the foraging ecology of Emperor Penguins on the Mawson Coast, Antarctica. *Mar. Ecol. Prog. Ser.* 156: 205–223.
- KLAER, N. & POLACHECK, T. 1997. By-catch of albatrosses and other seabirds by Japanese longline fishing vessels in the Australian Fishing Zone from April 1992 to March 1995. *Emu* 97: 150–167.
- KLAGES, N.T.W. & COOPER, J. 1997. Diet of the Atlantic Petrel *Pterodroma incerta* during breeding at South Atlantic Gough Island. *Mar. Orn.* 25: 13–16.
- LANE, S.G. 1997. An unusual plumage for a Sooty Shearwater *Puffinus griseus*. *Corella* 21: 16.
- LENGAGNE, T., LAUGA, J. & JOUVENTIN, P. 1997. Une méthode de décomposition temporelle et spectrale des signaux bioacoustique: reconnaissance individuelle chez quatre espèces de manchots. *C. R. Séanc. Acad. Sci., Paris, Ser. III* 320: 885–891.
- LUNA-JORQUERA, G., WILSON, R.P., CULIK, B.M., AGUILAR, R. & GUERRA, C. 1997. Observations of the thermal conductance of Adélie (*Pygoscelis adeliae*) and Humboldt (*Spheniscus humboldti*) Penguins. *Polar Biol.* 17: 69–73.
- MAIR, H. 1997. Antarctic penguins harbour virus. *Mar. Poll. Bull.* 34: 496–497.
- MARTUSCELLI, P., SILVA, R. & OLMOS, F. 1997. A large prion *Pachyptila* wreck in south-east Brazil. *Cotinga* 8: 55–57.
- MERINO, S. & BARBOSA, A. 1997. Haemocrit values in Chinstrap Penguins (*Pygoscelis antarctica*); variation with age and reproductive status. *Polar Biol.* 17: 14–16.
- MERINO, S., BARBOSA, A., MORENO, J. & POTTI, J. 1997. Absence of haematozoa in a wild Chinstrap Penguin *Pygoscelis antarctica* population. *Polar Biol.* 18: 227–228.

- MEYER, W.R., BENGTSON, J.L., JANSEN, J.K. & RUSSELL, R.W. 1997. Relationships between brood size and parental provisioning performance in Chinstrap Penguins during the chick guard phase. *Polar Biol.* 17: 228–234.
- MILLAR, C.D., LAMBERT, D.M. & YOUNG, E.C. 1997. Minisatellite DNA detects sex, parentage, and adoption in the South Polar Skua. *J. Hered.* 88: 235–238.
- MONTALTI, D. & ORGEIRA, J.L. 1997. White-faced Storm Petrels *Pelagodroma marina* in the south-western Atlantic Ocean and south of Tierra del Fuego. *Mar. Orn.* 25: 67.
- MOORE, P.J., SCOTT, J.J., JOYCE, L.J. & PEART, M. 1997. Southern Royal Albatross *Diomedea epomophora epomophora* census on Campbell Island, 4 January–6 February 1996, and a review of population figures. *Science and Research Series*, No. 101. Wellington: Department of Conservation. 27 pp.
- MOORE, P.J., TAYLOR, G.A. & AMEY, J.M. 1997. Interbreeding of Black-browed Albatross *Diomedea m. melanophris* and New Zealand Black-browed Albatross *D. m. impavida* on Campbell Island. *Emu* 97: 322–324.
- MOORE, P.J., WAUGH, S.M., WEST, C. & MITCHELL, G. 1997. Preliminary results of a Southern Royal Albatross *Diomedea epomophora epomophora* census, Campbell Island, 12 January–10 February 1995. *Science and Research Series*, No. 100. Wellington: Department of Conservation. 17 pp.
- MORENO, J. 1997. Estrategias reproductivas de pingüinos Antárticos. In: Vericad, J.R. & Cacho, J. (Eds). Informe sobre las actividades científicas de España en la Antártida durante la campaña 1996–97. Madrid: Comisión Interministerial de Ciencia y Tecnología. pp. 35–43.
- MORENO, J., BARBOSA, A., POTTI, J. & MERINO, S. 1997. The effects of hatching date and parental quality on chick growth and creching age in the Chinstrap Penguin *Pygoscelis antarctica*: a field experiment. *Auk* 114: 47–54.
- MORENO, J.E.A. de, GERPE, M.S., MORENO, V.J. & VODOPIVEZ, C. 1997. Heavy metals in Antarctic organisms. *Polar Biol.* 17: 131–140.
- MORI, Y. Dive bout organization in the Chinstrap Penguin at Seal Island, Antarctica. *J. Ethol.* 15: 9–15.
- NICHOLLS, D.G., MURRAY, M.D., BUTCHER, E. & MOORS, P. 1997. Weather systems determine the non-breeding distribution of Wandering Albatrosses over southern oceans. *Emu* 97: 240–244.
- OLMOS, F. 1997. Seabirds attending bottom long-line fishing off southeastern Brazil. *Ibis* 139: 685–691.
- OLSSON, O. 1997. Effects of food availability on fledging condition and post-fledging survival in King Penguin chicks. *Polar Biol.* 18: 161–165.
- OLSSON, O. 1997. Clutch abandonment: a state-dependent decision in King Penguins. *J. Avian Biol.* 28: 264–267.
- OLSSON, O. & BRODIN, A. 1997. Changes in King Penguin breeding cycle in response to food availability. *Condor* 99: 994–997.
- OLSSON, O. & NORTH, A.W. 1997. Diet of the King Penguin *Aptenodytes patagonicus* during three summers at South Georgia. *Ibis* 139: 504–512.
- ORGEIRA, J.L. 1997. An infrared device for finding Wilson's Storm Petrel *Oceanites oceanicus* nests. *Mar. Orn.* 25: 75–76.
- PONCET, J. 1997. 1997 distribution and abundance survey of seabirds and seals at the South Sandwich Islands in the Scotia Sea. Report to the Commissioner for South Georgia and the South Sandwich Islands and the Foreign and Commonwealth Office. Stanley: Government of South Georgia and the South Sandwich Islands. 63 pp.
- PONGANIS, P.J., KOOYMAN, G.L., STARKE, L.N., KOOYMAN, C.A. & KOOYMAN, T.G. 1997. Post-dive blood lactate concentrations in Emperor Penguins, *Aptenodytes forsteri*. *J. Exp. Biol.* 200: 1623–1626.
- PRINCE, P.A., WEIMERSKIRCH, H., HUIN, N. & RODWELL, S. 1997. Molt, maturation of plumage and ageing in the Wandering Albatross. *Condor* 99: 58–72.
- REGEL, J. & PÜTZ, K. 1997. Effect of human disturbance on body temperature and energy expenditure in penguins. *Polar Biol.* 18: 246–253.
- REID, K., CROXALL, J.P. & EDWARDS, T.M. 1997. Inter-annual variation in the diet of the Antarctic Prion *Pachyptila desolata* at South Georgia. *Emu* 97: 126–132.
- REID, K., CROXALL, J.P., EDWARDS, T.M., HILL, H.J. & PRINCE, P.A. 1997. Diet and feeding ecology of the diving petrels *Pelecanoides georgicus* and *P. urinatrix* at South Georgia. *Polar Biol.* 17: 17–24.
- REID, T. & JAMES, D. 1997. The Chatham Island Mollymawk (*Diomedea eremita*) in Australia. *Notornis* 44: 125–128.
- REINHARDT, K. 1997. Breeding success of southern hemisphere skuas *Catharacta* spp.: the influence of latitude. *Ardea* 85: 73–82.
- REINHARDT, K. 1997. Nahrung und Fütterung der Kuken antarktischer Raubmöwen *Catharacta antarctica lonnbergi* und *C. maccormicki*. *J. Orn.* 138: 199–213.
- REINHARDT, K., BLECHSCHMIDT, K., PETER, H.-U. & MONTALTI, D. 1997. A hitherto unknown hybridization between Chilean and South Polar Skua. *Polar Biol.* 17: 114–118.
- ROBERTSON, C.J.R., ROBERTSON, G.G. & BELL, D. 1997. White-capped Albatross (*Thalassarche steadi*) breeding at Chatham Islands. *Notornis* 44: 156–158.
- ROBY, D.D., TAYLOR, J.R.E. & PLACE, A.R. 1997. Significance of stomach oil for reproduction in seabirds: an interspecies cross-fostering experiment. *Auk* 114: 725–736.
- SAETHER, B.-E., LORENTSEN, S.-H., TVERAA, T., ANDERSEN, R. & PEDERSEN, H.C. 1997. Size-dependent variation in reproductive success of a long-lived seabird, the Antarctic Petrel (*Thalassoica antarctica*). *Auk* 114: 333–340.
- SCHLATTER, R.P. & RIVEROS, G.M. 1997. Historia natural del archipiélago Diego Ramírez, Chile. *Ser. Cient. Inst. Antárt. Chileno* 47: 87–112.
- SCHREER, J.F. & KOVACS, K.M. 1997. Allometry of diving capacity in air-breathing vertebrates. *Can. J. Zool.* 75: 339–358.
- SOTO-GAMBOA, M. & NESPOLO, R.F. 1997. Desarrollo posteclosional de la homeotermia en polluelos de dos especies de aves antárticas: *Pygoscelis papua* y *Daption capense* en península Ardley, isla Rey Jorge. *Ser. Cient. Inst. Antárt. Chileno* 47: 31–37.
- SPEAR, L.B. & AINLEY, D.G. 1997. Flight behaviour of seabirds in relation to wind direction and wing morphology. *Ibis* 139: 221–233.
- SPEAR, L.B. & AINLEY, D.G. 1997. Flight speed of seabirds in relation to wind speed and direction. *Ibis* 139: 234–251.
- SPLETTSTOESSER, J. 1997. Mortality among chicks in the Emperor Penguin (*Aptenodytes forsteri*) colony at Riiser-Larsen Ice Shelf, Antarctica. *Polar Rec.* 33: 63–64.
- STEELE, W.K. & HILLER, A. 1997. Radiocarbon dates of Snow Petrel (*Pagodroma nivea*) nest sites in central Dronning Maud Land, Antarctica. *Polar Rec.* 33: 29–38.
- STEELE, W.K., PILGRIM, R.L.C. & PALMA, R.L. 1997. Occurrence of the flea *Glaciopsyllus antarcticus* and avian lice in central Dronning Maud Land. *Polar Biol.* 18: 292–294.

- TAYLOR, J.R.E., PLACE, A.R. & ROBY, D.D. 1997. Stomach oil and reproductive energetics in Antarctic Prions, *Pachyptila desolata*. *Can. J. Zool.* 75: 490–500.
- TREMBLAY, Y., GUINARD, E. & CHEREL, Y. 1997. Maximum diving depths of Northern Rockhopper Penguins (*Eudyptes chrysocome moseleyi*) at Amsterdam Island. *Polar Biol.* 17: 119–122.
- TVERAA, T., LORENTSEN, S-H. & SAETHER, B-E. 1997. Regulation of foraging trips and costs of incubation shifts in the Antarctic Petrel (*Thalassoica antarctica*). *Behav. Ecol.* 8: 465–469.
- VALENCIA, J., GODOY, C., BLANK, O. & DONOSO, D. 1997. Alteraciones pigmentarias en el Pingüino Papúa, *Pygoscelis papua*, en bahía Paraíso, Antártica. *Ser. Cient. Inst. Antárt. Chileno* 47: 115–121.
- VALENCIA, J., PÉREZ, C. & MAINO, M. 1997. Aplicación experimental de un sistema de identificación electrónica en Pingüinos Papúa. *Ser. Cient. Inst. Antárt. Chileno* 47: 151–156.
- VAN DEN BRINK, N.W. 1997. Directed transport of volatile organochlorine pollutants to polar regions: the effect on the contamination pattern of Antarctic seabirds. *Sci. Total Environ.* 198: 43–50.
- VAN DEN BRINK, N.W. & DE RUITER-DIJKMAN, E.M. 1997. Trans-nonachlor, octachlorostyrene, mirex and photomirex in Antarctic seabirds. *Antarct. Sci.* 9: 414–417.
- VAN FRANEKER, J.A., BATHMANN, U.V. & MATHOT, S. 1997. Carbon fluxes to Antarctic top predators. *Deep-Sea Res. Pt. II*, 44: 435–455.
- VAN FRANEKER, J.A. & CREUWELS, J.C.S. 1997. Climate change and Antarctic seabirds: an example of complicated ecosystem responses. *Circumpolar J.* 12(3–4): 29–30.
- VAN FRANEKER, J.A. & VAN DEN BRINK, N.W. 1997. Censuses of marine birds and mammals. *Ber. Polarforsch.* 221: 116–121.
- VEIT, R.R. & PRINCE, P.A. 1997. Individual and population level dispersal of Black-browed Albatrosses *Diomedea melanophris* and Grey-headed Albatrosses *D. chrysostoma* in response to Antarctic Krill. *Ardea* 85: 129–134.
- VLECK, C.M. & BUCHER, T.L. 1997. Reproductive endocrinology of free-living Adélie Penguins at Torgersen Island, Antarctica. *Antarct. J. U. S.* 32: 105–107.
- WATANUKI, Y., KATO, A., NAITO, Y., ROBERTSON, G. & ROBINSON, S. 1997. Diving and foraging behaviour of Adélie Penguins in areas with and without fast sea-ice. *Polar Biol.* 17: 296–304.
- WAUGH, S.M., SAGAR, P.M. & PAULL, D. 1997. Laying dates, breeding success and annual breeding of Southern Royal Albatrosses *Diomedea epomophora epomophora* at Campbell Island during 1964–69. *Emu* 97: 194–199.
- WEIDINGER, K. 1997. Breeding cycle of the Cape Petrel *Daption capense* at Nelson Island, Antarctica. *Polar Biol.* 17: 469–472.
- WEIDINGER, K. 1997. Variations in growth of Cape Petrel *Daption capense* chicks. *J. Zool.* 242: 193–207.
- WEIMERSKIRCH, H., BROTHERS, N. & JOUVENTIN, P. 1997. Population dynamics of Wandering Albatross *Diomedea exulans* and Amsterdam Albatross *D. amsterdamensis* in the Indian Ocean and their relationships with long-line fisheries: conservation implications. *Biol. Conserv.* 79: 257–270.
- WEIMERSKIRCH, H., CHEREL, Y., CUENOT-CHAILLET, F. & RIDOUX, V. 1997. Alternative foraging strategies and resource allocation by male and female Wandering Albatrosses. *Ecology* 78: 2051–2063.
- WEIMERSKIRCH, H., MOUGEY, T. & HINDERMEYER, X. 1997. Foraging and provisioning strategies of Black-browed Albatrosses in relation to the requirements of the chick: natural variation and experimental study. *Behav. Ecol.* 8: 635–643.
- WEIMERSKIRCH, H., WILSON, R.P. & LYS, P. 1997. Activity pattern of foraging in the Wandering Albatross: a marine predator with two modes of prey searching. *Mar. Ecol. Prog. Ser.* 151: 245–254.
- WIENECKE, B.C. & ROBERTSON, G. 1997. Foraging space of Emperor Penguins *Aptenodytes forsteri* in Antarctic shelf waters in winter. *Mar. Ecol. Prog. Ser.* 159: 249–263.
- WILSON, R.P. 1997. A method for restraining penguins. *Mar. Orn.* 25: 72–73.
- WILSON, R.P., BOST, C.A., PÜTZ, K., CHARRASSIN, J-B., CULIK, B.M. & ADELUNG, D. 1997. Southern Rockhopper Penguin *Eudyptes chrysocome chrysocome* foraging at Possession Island. *Polar Biol.* 17: 323–329.
- WILSON, R.P., PÜTZ, K., PETERS, G., CULIK, B., SCOLARO, J.A., CHARRASSIN, J-B. & ROPERT-COUDERT, Y. 1997. Long-term attachment of transmitting and recording devices to penguins and other seabirds. *Wildl. Soc. Bull.* 25: 101–106.
- WOEHLER, E.J. 1997. Seabird abundance, biomass and prey consumption within Prydz Bay, Antarctica, 1980/1981–1992/1993. *Polar Biol.* 17: 371–383.
- WOEHLER, E.J. & CROXALL, J.P. 1997. The status and trends of Antarctic and sub-Antarctic seabirds. *Mar. Orn.* 25: 43–66.
- WOODS, R.W. & WOODS, A. 1997. Atlas of breeding birds of the Falkland Islands. Oswestry: Anthony Nelson. 190 pp.