

# PUBLICATIONS AND THESES ON ANTARCTIC AND SUB-ANTARCTIC BIRDS, 1995

C.M. PHILLIPS

British Antarctic Survey, High Cross, Madingley Road, Cambridge, CB3 0ET, UK  
(C.Phillips@bas.ac.uk)

Received 7 December 1998, accepted 12 January 1999

## SUMMARY

PHILLIPS, C.M. 2000. Publications and theses on Antarctic and sub-Antarctic birds, 1995. *Marine Ornithology* 28: 53–57.

A total of 142 scientific publications and theses on Antarctic and sub-Antarctic birds for 1995 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 1995 list, the tenth 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

- AGNEW, D.J. & KERRY, K.R. 1995. Sexual dimorphism in penguins. In: Dann, P., Norman, I. & Reilly, P. (Eds). The penguins: ecology and management. Chipping Norton: Surrey Beatty. pp. 299–318.
- AGNEW, D.J. & PHEGAN, G. 1995. A fine-scale model of the overlap between penguin foraging demands and the krill fishery in the South Shetland Islands and Antarctic Peninsula. *CCAMLR Sci.* 2: 99–110.
- AGUIRRE, C.A. 1995. Distribution and abundance of birds at Potter Peninsula, 25 de Mayo (King George) Island, South Shetland Islands, Antarctica. *Mar. Orn.* 23: 23–31.
- AGUIRRE, C.A. & ACERO, J.M. 1995. Distribution and abundance of birds in the Errera Channel, Antarctic Peninsula, during the 1992/93 breeding season. *Mar. Orn.* 23: 129–134.
- AINLEY, D.G., NUR, N. & WOHLER, E.J. 1995. Factors affecting the distribution and size of pygoscelid penguin colonies in the Antarctic. *Auk* 112: 171–182.
- AMUNDSEN, T. 1995. Egg size and early nestling growth in the Snow Petrel. *Condor* 97: 345–351.
- ANDERSEN, R., SÆTHER, B.-E. & PEDERSEN, H.C. 1995. Regulation of parental investment in the Antarctic Petrel *Thalassoica antarctica*: an exchange experiment. *Polar Biol.* 15: 65–68.
- ANON. 1995. Observaciones ornitológicas en Península Fildes, (Isla Rey Jorge), Bahía Sur (Isla Livingston) y Punta Armonía (Isla Nelson), Shetland del Sur. *Inst. Antárt. Uruguayo Activ. Cient.* 1994/95 5: 79–86.
- ANON. 1995. Estudio de algunas variables eto-ecológicas en una pingüinera de las Islas Shetland del Sur. *Inst. Antárt. Uruguayo Activ. Cient.* 1994/95 5: 87–93.
- ASHFORD, J.R., CROXALL, J.P., RUBILAR, P.S. & MORENO, C.A. 1995. Seabird interactions with longlining operations for *Dissostichus eleginoides* around South Georgia, April to May 1994. *CCAMLR Sci.* 2: 111–121.
- BANNASCH, R. 1995. Hydrodynamics of penguins – an experimental approach. In: Dann, P., Norman, I. & Reilly, P. (Eds). The penguins: ecology and management. Chipping Norton: Surrey Beatty. pp. 141–176.
- BANSE, K. 1995. Antarctic marine top predators revisited: homeotherms do not leak much CO<sub>2</sub> to the air. *Polar Biol.* 15: 93–104.
- BENGTSON, J.L., BOVENG, P.L., CAMERON, M.F., HIRUKI, L.M., JANSEN, J.K. & MEYER, W.R. 1995. AMLR Program: seal and seabird studies at Seal Island, South Shetland Islands, during the 1994–1995 austral summer. *Antarct. J. U. S.* 30(5): 241–242.
- BERRUTI, A., COOPER, J. & NEWTON, I.P. 1995. Morphometrics and breeding biology of the Whitechinned Petrel *Procellaria aequinoctialis* at sub-Antarctic Marion Island. *Ostrich* 66: 74–80.
- BEVAN, R.M., BUTLER, P.J., WOAKES, A.J. & PRINCE, P.A. 1995. The energy expenditure of free-ranging Black-browed Albatrosses. *Phil. Trans. R. Soc. Lond. Ser. B* 350: 119–131.
- BEVAN, R.M., WOAKES, A.J., BUTLER, P.J. & CROXALL, J.P. 1995. Heart rate and oxygen consumption of exercising Gentoo Penguins. *Physiol. Zool.* 68: 855–877.
- BINGHAM, M. 1995. Population status of penguin species in the Falkland Islands. *Penguin Conserv.* 8: 14–19.
- BOERSMA, P.D. & STOKES, D.L. 1995. Conservation: threats to penguin populations. In: Williams, T.D. The penguins: Spheniscidae. Bird families of the world, 2. Oxford: Oxford University Press. pp. 127–139.
- BOURNE, W.R.P. & DAVID, A.C.F. 1995. The early history and ornithology of St Paul and Amsterdam Islands, southern Indian Ocean. *Gerfaut* 85: 19–36.
- BRETAGNOLLE, V. 1995. Systematics of the Soft-plumaged Petrel *Pterodroma mollis* (Procellariidae): new insight from the study of vocalizations. *Ibis* 137: 207–218.
- BUTLER, P.J., BEVAN, R.M., WOAKES, A.J., CROXALL,

- J.P. & BOYD, I.L. 1995. The use of data loggers to determine the energetics and physiology of aquatic birds and mammals. *Braz. J. Med. Biol. Res.* 28: 1307–1317.
- BUTTERWORTH, D.S. & THOMSON, R.B. 1995. Possible effects of different levels of krill fishing on predators – some initial modelling attempts. *CCAMLR Sci.* 2: 79–97.
- CARRASCAL, L.M., MORENO, J. & AMAT, J.A. 1995. Nest maintenance and stone theft in the Chinstrap Penguin (*Pygoscelis antarctica*). 2. Effects of breeding group size. *Polar Biol.* 15: 541–545.
- CASAUX, R.J., FAVERO, M., BARRERA-ORO, E.R. & SILVA, P. 1995. Feeding trial on an Imperial Cormorant *Phalacrocorax atriceps*: preliminary results on fish uptake and otolith digestion. *Mar. Orn.* 23: 101–106.
- CHASTEL, O. 1995. Influence of reproductive success on breeding frequency in four southern petrels. *Ibis* 137: 360–363.
- CHASTEL, O., WEIMERSKIRCH, H. & JOUVENTIN, P. 1995. Influence of body condition on reproductive decision and reproductive success in the Blue Petrel. *Auk* 112: 964–972.
- CHASTEL, O., WEIMERSKIRCH, H. & JOUVENTIN, P. 1995. Body condition and seabird reproductive performance: a study of three petrel species. *Ecology* 76: 2240–2246.
- CHEREL, Y. 1995. Nutrient reserve storage, energetics, and food consumption during the prebreeding and premoult foraging periods of King Penguins. *Polar Biol.* 15: 209–214.
- CHEREL, Y. & WEIMERSKIRCH, H. 1995. Seabirds as indicators of marine resources: Black-browed Albatrosses feeding on ommastrephid squids in Kerguelen waters. *Mar. Ecol. Prog. Ser.* 129: 1–3.
- CLARK, G., AMEY, J. & MCALLISTER, G. 1995. Unexpectedly large number of Wandering Albatross (*Diomedea exulans*) breeding on Antipodes Island, New Zealand. *Notornis* 42: 42–46.
- COGHLAN, A. 1995. Albatrosses wander into danger. *New Scientist* No. 1995: 11.
- COOPER, J. & KLAGES, N.T.W. 1995. The diets and dietary segregation of Sooty Albatrosses (*Phoebastria* spp.) at subantarctic Marion Island. *Antarct. Sci.* 7: 15–23.
- COOPER, J., MARAIS, A.v.N., BLOOMER, J.P. & BESTER, M.N. 1995. A success story: breeding of burrowing petrels (Procellariidae) before and after the eradication of feral cats *Felis catus* at subantarctic Marion Island. *Mar. Orn.* 23: 33–37.
- COOPER, J., PLÖS, A.L. & PHILLIPS, C.M. 1995. Publications and theses on Antarctic and sub-Antarctic birds, 1992. *Mar. Orn.* 23: 135–139.
- COOPER, J.M. 1995. Fishing hooks associated with albatrosses at Bird Island, South Georgia. *Mar. Orn.* 23: 17–21.
- CORIA, N., CASAUX, R., FAVERO, M. & SILVA, P. 1995. Analysis of the stomach content of the Blue-eyed Shag *Phalacrocorax atriceps bransfieldensis* at Nelson Island, South Shetland Islands. *Polar Biol.* 15: 349–352.
- CORIA, N.R., FAVERO, M., SILVA, P. & CASAUX, R.J. 1995. Breeding birds at Duthoit Point, Nelson Island, South Shetland Islands, Antarctica. *Mar. Orn.* 23: 61–64.
- CORIA, N.R., FONTANA, R., VIVEQUIN, S. & SPAIRANI, H. 1995. Dieta del pinguino Adelia *Pygoscelis adeliae* durante el periodo de crianza en Punta Stranger, isla 25 de Mayo, Shetland del Sur, Antártida. *Boll. Mus. Reg. Sci. Nat.* 13: 377–383.
- CORIA, N.R., SPAIRANI, H., VIVEQUIN, S. & FONTANA, R. 1995. Diet of Adélie Penguins *Pygoscelis adeliae* during the post-hatching period at Esperanza Bay, Antarctica, 1987/88. *Polar Biol.* 15: 415–518.
- CROXALL, J.P. 1995. Remote-recording of foraging patterns in seabirds and seals for studies of predator-prey interactions in marine systems. In: Skjoldal, H.R., Hopkins, C., Erikstad, K.E. & Leinaas, H.P. (Eds). *Ecology of fjords and coastal waters*. Amsterdam: Elsevier. pp. 429–442.
- CROXALL, J.P. 1995. Sexual size dimorphism in seabirds. *Oikos* 73: 399–403.
- CROXALL, J.P. & ROTHERY, P. 1995. Population change in Gentoos Penguins *Pygoscelis papua* at Bird Island, South Georgia: potential roles of adult survival, recruitment and deferred breeding. In: Dann, P., Norman, I. & Reilly, P. (Eds). *The penguins: ecology and management*. Chipping Norton: Surrey Beatty. pp. 26–38.
- CROXALL, J.P. & WACE, N.M. 1995. Interactions between marine and terrestrial ecosystems. In: Dingwall, P.R. (Ed.). *Progress in conservation of the subantarctic islands. Conservation of the southern polar region, No. 2*. Gland: IUCN. pp. 115–120.
- CROXALL, J.P., HALL, A.J., HILL, H.J., NORTH, A.W. & RODHOUSE, P.G. 1995. The food and feeding ecology of the White-chinned Petrel *Procellaria aequinoctialis* at South Georgia. *J. Zool., Lond.* 237: 133–150.
- CROXALL, J.P., STEELE, W.K., McINNIS, S.J. & PRINCE, P.A. 1995. Breeding distribution of the Snow Petrel *Pagodroma nivea*. *Mar. Orn.* 23: 69–99.
- CULIK, B. 1995. Energy expenditure of Adélie Penguins. In: Dann, P., Norman, I. & Reilly, P. (Eds). *The penguins: ecology and management*. Chipping Norton: Surrey Beatty. pp. 177–195.
- CULIK, B.M. & WILSON, R.P. 1995. Penguins disturbed by tourists. *Nature* 376: 301–302.
- DANN, P., NORMAN, I. & REILLY, P. (Eds). 1995. *The penguins: ecology and management*. Chipping Norton: Surrey Beatty. 475 pp.
- DAVENPORT, J. 1995. Upwelling-generated plankton strands: important predictable food sources for seabirds at Husvik, South Georgia. *Mar. Biol.* 123: 207–217.
- DAVIS, L.S. 1995. The control of behaviour: free-running circadian rhythms in the Antarctic summer. In: Dann, P., Norman, I. & Reilly, P. (Eds). *The penguins: ecology and management*. Chipping Norton: Surrey Beatty. pp. 56–72.
- DAVIS, L.S., COCKREM, J.F., MILLER, G.D. & COURT, G.S. 1995. An incubation timer for seabirds: progesterone and its relationship to hatching in Adélie Penguins. *Emu* 95: 245–251.
- ELLIOT, D.H. 1995. Wildlife observations on Seymour Island. *Antarct. J. U. S.* 30, No. 5: 190.
- EMSLIE, S.D. 1995. Age and taphonomy of abandoned penguin rookeries in the Antarctic Peninsula region. *Polar Rec.* 31: 409–418.
- EMSLIE, S.D., KARNOVSKY, N. & TRIVELPIECE, W.Z. 1995. Avian predation at penguin colonies on King George Island, Antarctica. *Wilson Bull.* 107: 317–327.
- FAVERO, M. 1995. Antarctic Terns *Sterna vittata* feeding on stranded krill at King George Island, South Shetland Islands, Antarctica. *Mar. Orn.* 23: 159–160.
- FAVERO, M. 1995. Kleptoparasitism of Imperial Cormorants *Phalacrocorax atriceps* by Greater Shearwaters *Chionis alba* in Antarctica. *Mar. Orn.* 23: 165.
- FOCARDI, S., BARGAGLI, R. & CORSOLINI, S. 1995. Isomer-specific analysis and toxic potential evaluation of polychlorinated biphenyls in Antarctic fish, seabirds and Weddell Seals from Terra Nova Bay, (Ross Sea). *Antarct. Sci.* 7: 31–35.
- FRASER, W.R. & TRIVELPIECE, W.Z. 1995. Palmer LTER: relationships between variability in sea-ice coverage, krill

- recruitment, and the foraging ecology of Adélie Penguins. *Antarct. J. U. S.* 30, No. 5: 271–272.
- GEBCZYNSKI, A.K. 1995. Is there a hypothermia in Wilson's Storm Petrel chicks? *Pol. Polar Res.* 16: 175–184.
- GENEVOIS, F. & BRETAGNOLLE, V. 1995. Sexual dimorphism of voice and morphology in the Thin-billed Prion (*Pachyptila belcheri*). *Notornis* 42: 1–10.
- GRACZYK, T.K. & COCKREM, J.F. 1995. *Aspergillus* spp. seropositivity in New Zealand penguins. *Mycopathologia* 131: 179–184.
- GRACZYK, T.K., COCKREM, J.F., CRANFIELD, M.R., DARBY, J.T. & MOORE, P. 1995. Avian malaria seroprevalence in wild New Zealand penguins. *Parasite – J. Soc. Fr. Parasitol.* 2: 401–405.
- GRACZYK, T.K., CRANFIELD, M.R., BROSSY, J.J., COCKREM, J.F., JOUVENTIN, P. & SEDDON, P.J. 1995. Detection of avian malaria infections in wild and captive penguins. *J. Helminthol. Soc. Wash.* 62: 135–141.
- GUINET, C., JOUVENTIN, P. & MALACAMP, J. 1995. Satellite remote sensing in monitoring change of seabirds: use of Spot image in King Penguin population increase at Ile aux Cochons, Crozet Archipelago. *Polar Biol.* 15: 511–515.
- HAMILTON, S. & MOLLER, H. 1995. Can PVA models using computer packages offer useful conservation advice? Sooty Shearwaters *Puffinus griseus* in New Zealand as a case study. *Biol. Conserv.* 73: 107–117.
- HANDRICH, Y., GENDNER, J.-P. & LE MAHO, Y. 1995. Breeding penguins as indicators of marine resources: a study with minimal human disturbance. In: Dann, P., Norman, I. & Reilly, P. (Eds). The penguins: ecology and management. Chipping Norton: Surrey Beatty. pp. 73–79.
- HILLER, A., HERMICHEN, W.D. & WAND, U. 1995. Radiocarbon-dated subfossil stomach oil deposits from petrel nesting sites: novel paleoenvironmental records from continental Antarctica. *Radiocarbon* 37: 171–180.
- HINDELL, M.A., ROBERTSON, G.G. & WILLIAMS, R. 1995. Resource partitioning in four species of sympatrically breeding penguins. In: Dann, P., Norman, I. & Reilly, P. (Eds). The penguins: ecology and management. Chipping Norton: Surrey Beatty. pp. 196–215.
- HODUM, P.J. & WEATHERS, W.W. 1995. Ecological energetics of Antarctic fulmarine petrels. *Antarct. J. U. S.* 30, No. 5: 182–183.
- HUNTER, F.M., MILLER, G.D. & DAVIS, L.S. 1995. Mate switching and copulation behaviour in the Adélie Penguin. *Behaviour* 132: 691–707.
- JABLONSKI, B. 1995. Distribution, abundance and biology of the Antarctic Tern *Sterna vittata* Gmelin, 1789 on King George Island, (South Shetland Islands). *Acta Zool. Cracov.* 38: 399–460.
- JANES, D.N. & CHAPPELL, M.A. 1995. The effect of ration size and body size on specific dynamic action in Adélie Penguin chicks, *Pygoscelis adeliae*. *Physiol. Zool.* 68: 1029–1044.
- JOUVENTIN, P., BARBRAUD, C. & RUBIN, M. 1995. Adoption in the Emperor Penguin, *Aptenodytes forsteri*. *Anim. Behav.* 50: 1023–1029.
- JOUVENTIN, P. & LAGARDE, F. 1995. Evolutionary ecology of the King Penguin *Aptenodytes patagonicus*: the self-regulation of the breeding cycle. In: Dann, P., Norman, I. & Reilly, P. (Eds). The penguins: ecology and management. Chipping Norton: Surrey Beatty. pp. 80–95.
- KARNOVSKY, N.J., DILLING, R., KLOCK, S., TRIVELPIECE, S.G. & TRIVELPIECE, W.Z. 1995. Demography studies of seabirds at Admiralty Bay, King George Island. *Antarct. J. U. S.* 30, No. 5: 185–186.
- KERRY, K.R. & CLARKE, J.R. 1995. Time for concern: is the health of Antarctica's wildlife in danger? *Antarct. Sci.* 7: 343.
- KERRY, K.R., CLARKE, J.R. & ELSE, G.D. 1995. The foraging range of Adélie Penguins at Bechervaise Island, Mac. Robertson Land, Antarctica as determined by satellite telemetry. In: Dann, P., Norman, I. & Reilly, P. (Eds). The penguins: ecology and management. Chipping Norton: Surrey Beatty. pp. 216–243.
- KLAGES, N.T.W., NEL, D.C. & COOPER, J. 1995. Stomach contents of a Greybacked Storm Petrel *Garrodia nereis* from subantarctic Marion Island. *Mar. Orn.* 23: 163–164.
- KOOYMAN, G.L. & KOOYMAN, T.G. 1995. Diving behavior of Emperor Penguins nurturing chicks at Coulman Island, Antarctica. *Condor* 97: 536–549.
- KOOYMAN, G.A., PONGANIS, P.J., HORNING, M., KOOYMAN, C.A., KOOYMAN, T.G., STARKE, L.N. & NAGY, K.A. 1995. Expenditure and acquisition of energy in Emperor Penguins. *Antarct. J. U. S.* 30, No. 5: 188.
- KOSTINA, G.N., SOKOLOV, V.E., ROMANENKO, E.V., CHERNOVA, O.F., SIDOROVA, T.N. & TARCHEVSKAYA, V.A. 1995. [Hydrophobic capacity of feather elements in penguins (Aves, Sphenisciformes).] *Zool. Zh.* 75: 237–248. (In Russian).
- KRAUS, S.D. & STONE, G.S. 1995. Coprophagy by Wilson's Storm Petrels, *Oceanites oceanicus*, on North Atlantic Right Whale, *Eubalaena glacialis*, faeces. *Can. Field Nat.* 109: 443–444.
- LAMEY, C.S. 1995. Chick loss in the Falkland Skua *Catharacta skua antarctica*. *Ibis* 137: 231–236.
- LEQUETTE, B., BERTEAUX, D. & JUDAS, J. 1995. Presence and first breeding attempts of southern gannets *Morus capensis* and *M. serrator* at Saint Paul Island, southern Indian Ocean. *Emu* 95: 134–137.
- LORENTSEN, S.-H. & RØV, N. 1995. Incubation and brooding performance of the Antarctic Petrel *Thalassoica antarctica* at Svarthamaren, Dronning Maud Land. *Ibis* 137: 345–351.
- MAUGET, R., GARCIA, V. & JOUVENTIN, P. 1995. Endocrine basis of the reproductive pattern of the Gentoo Penguin (*Pygoscelis papua*): winter breeding and extended laying period in northern populations. *Gen. Comp. Endocrinol.* 98: 177–184.
- MELICK, D. & BREMMERS, W. 1995. A recently discovered breeding colony of Emperor Penguins (*Aptenodytes forsteri*) on the Budd Coast, Wilkes Land, East Antarctica. *Polar Rec.* 31: 426–427.
- MICOL, T. & JOUVENTIN, P. 1995. Restoration of Amsterdam Island, south Indian Ocean, following control of feral cattle. *Biol. Conserv.* 73: 199–206.
- MORENO, J. 1995. Estrategias reproductivas de pingüinos Antárticos. In: Vericid, J.R. & Cacho, J. (Eds). Informe sobre las actividades científicas de España en la Antártida durante la campaña 1994–95. Madrid: Comisión Interministerial de Ciencia y Tecnología. pp. 43–49.
- MORENO, J., BUSTAMANTE, J. & VIÑUELA, J. 1995. Nest maintenance and stone theft in the Chinstrap Penguin (*Pygoscelis antarctica*). 1. Sex roles and effects on fitness. *Polar Biol.* 15: 533–540.
- MUND, M.J. & MILLER, G.D. 1995. Diet of the South Polar Skua *Catharacta maccormicki* at Cape Bird, Ross Island, Antarctica. *Polar Biol.* 15: 453–455.
- NEVITT, G.A., VEIT, R.R. & KAREIVA, P. 1995. Dimethyl sulphide as a foraging cue for Antarctic Procellariiform seabirds. *Nature* 376: 680–682.
- NICHOLLS, D., MURRAY, D., BATTAM, H., ROBERTSON, G., MOORS, P.J., BUTCHER, E. &

- HILDEBRAND, T.M. 1995. Satellite tracking of the Wandering Albatross *Diomedea exulans* around Australia and in the Indian Ocean. *Emu* 95: 223–230.
- NIMON, A.J., SCHROTER, R.C. & STONEHOUSE, B. 1995. Heart rate of disturbed penguins. *Nature* 374: 415.
- NIMON, A.J. & STONEHOUSE, B. 1995. Penguin responses to humans in Antarctica: some issues and problems in determining disturbance caused by visitors. In: Dann, P., Norman, I. & Reilly, P. (Eds). *The penguins: ecology and management*. Chipping Norton: Surrey Beatty. pp. 420–439.
- OLMOS, F., MARTUSCELLI, P., SILVA, R. & NEVES, T.S. 1995. The sea-birds of Sao Paulo, southeastern Brazil. *Bull. Br. Orn. Club* 115: 117–128.
- OLSEN, B., DUFFY, D.C., JAENSON, T.G.T., GYLFE, Å., BONNEDAHL, J. & BERGSTRÖM, S. 1995. Transhemispheric exchange of Lyme disease spirochetes by seabirds. *J. Clin. Microbiol.* 33: 3270–3274.
- OTERO, A. & ORTELLS, M. 1995. Intravenous blood extracting method in penguins: a detailed description in *Pygoscelis papua*. *Contrnes. Inst. Antárt. Argent.* 444: 1–6.
- PATERSON, A.M., WALLIS, G.P. & GRAY, R.D. 1995. Penguins, petrels, and parsimony: does cladistic analysis of behavior reflect seabird phylogeny? *Evolution* 49: 974–989.
- PETYT, C. 1995. Behaviour of seabirds around fishing trawlers in New Zealand subantarctic waters. *Notornis* 42: 99–115.
- PHILLIPS, C.M., WOEHLER, E.J. & COOPER, J. 1995. Publications and theses on Antarctic and sub-Antarctic birds, 1993. *Mar. Orn.* 23: 141–146.
- PÜTZ, K. 1995. The post-moult diet of Emperor Penguins (*Aptenodytes forsteri*) in the eastern Weddell Sea, Antarctica. *Polar Biol.* 15: 457–463.
- QUETIN, L.B., SMITH, R.C., JONES, J., ROSS, R.M., BAKER, K., VERNET, M., FRASER, W.R., TRIVELPIECE, W.Z., SOMERVILL, L. & HARDESTY, B.D. 1995. Palmer LTER: observations in foraging areas of Adélie Penguins during the January 1995 cruise. *Antarct. J. U. S.* 30, No. 5: 269–271.
- REID, K. 1995. Oiled penguins observed at Bird Island, South Georgia. *Mar. Orn.* 23: 53–57.
- RICHTER, W. 1995. Biology. In: Bormann, P. & Fritzsche, D. (Eds). *The Schirmacher Oasis, Queen Maud Land, East Antarctica, and its surroundings*. Gotha: Justus Perthes. pp. 321–347.
- ROBERTSON, G.G. 1995. The foraging ecology of Emperor Penguins (*Aptenodytes forsteri*) at two Mawson Coast colonies, Antarctica. *ANARE Reports* 138: 1–139.
- ROGERS, T. & BRYDEN, M.M. 1995. Predation of Adélie Penguins (*Pygoscelis adeliae*) by Leopard Seals (*Hydrurga leptonyx*) in Prydz Bay, Antarctica. *Can. J. Zool.* 73: 1001–1004.
- SCHIAVINI, A. & YORIO, P. 1995. Distribution and abundance of seabird colonies in the Argentine sector of the Beagle Channel, Tierra del Fuego. *Mar. Orn.* 23: 39–46.
- SHINE, R. & FAIRBAIRN, J. 1995. Sexual size dimorphism in seabirds: a reply to Croxall. *Oikos* 74: 146–148.
- SILVA, M.P., CORIA, N.R., FAVERO, M. & CASAUX, R.J. 1995. New records of Cattle Egret *Bubulcus ibis*, Black-necked Swan *Cygnus melanocoryphus* and Whiterumped Sandpiper *Calidris fuscicollis* from the South Shetland Islands, Antarctica. *Mar. Orn.* 23: 65–66.
- SILVERMAN, E.D. & NEVITT, G.A. 1995. Foraging behavior in seabirds: spacing patterns of Procellariiformes in the southern oceans. *Antarct. J. U. S.* 30, No. 5: 186–187.
- SMITH, R.C., QUETIN, L.B., JONES, J., ROSS, R.M., FRASER, W.R., TRIVELPIECE, W.Z., SOMERVILL, L. & HARDESTY, B.D. 1995. Palmer LTER: seabird picket-line sampling and Zodiac tracking during the January 1995 cruise. *Antarct. J. U. S.* 30, No. 5: 273–274.
- ST CLAIR, C.C., WAAS, J.R., ST CLAIR, R.C. & BOAG, P.T. 1995. Unfit mothers? Maternal infanticide in Royal Penguins. *Anim. Behav.* 50: 1177–1185.
- STEELE, W.K. & NEWTON, I.P. 1995. New distributional and breeding records of birds in the Ahlmannryggen, western Dronning Maud Land, Antarctica, 1991–1995. *Mar. Orn.* 23: 47–52.
- THOMPSON, K.R. & RIDDY, M.D. 1995. Utilization of offal and discards from 'finfish' trawlers around the Falkland Islands by the Black-browed Albatross *Diomedea melanophris*. *Ibis* 137: 198–206.
- TRIVELPIECE, S.G., DILLING, R., MADER, T., TRIVELPIECE, W.Z. & YANEGA, G. 1995. Seabird behavior, ecology, and demography at Admiralty Bay, King George Island. *Antarct. J. U. S.* 30, No. 5: 183–184.
- ULBRICHT, J. 1995. Küstenseeschwalben (*Sterna paradisaea*) in der Antarktis. *Seevogel* 16: 31–33.
- VAN HEEZIK, Y.M., SEDDON, P.J. & COOPER, J. 1995. Effects of inter-annual and inter-colony variability on counts of King Penguin colonies on Marion Island. In: Dann, P., Norman, I. & Reilly, P. (Eds). *The penguins: ecology and management*. Chipping Norton: Surrey Beatty. pp. 96–110.
- VAN WYK, J.C.P. 1995. Unusually coloured penguins at Marion Island, 1993–1994. *Mar. Orn.* 23: 58–60.
- VEIT, R.R. 1995. Pelagic communities of seabirds in the South Atlantic Ocean. *Ibis* 137: 1–10.
- VEIT, R.R., PRINCE, P.A. & WHITEHOUSE, M.J. 1995. Interactions between seabirds, seals, and Antarctic Krill during a season of exceptional krill scarcity at South Georgia. *Antarct. J. U. S.* 30, No. 5: 188–190.
- VELEZ, L.G. 1995. Wilson's Storm Petrels *Oceanites oceanicus* breeding at the Bertrab Nunatak, Filchner Iceshelf, Antarctica. *Mar. Orn.* 23: 67.
- VIÑUELA, J., AMAT, J.A. & FERRER, M. 1995. Nest defence of nesting Chinstrap Penguins (*Pygoscelis antarctica*) against intruders. *Ethology* 99: 323–331.
- WAAS, J.R. 1995. Social stimulation and reproductive schedules: does the acoustic environment influence the egg-laying schedule in penguin colonies? In: Dann, P., Norman, I. & Reilly, P. (Eds). *The penguins: ecology and management*. Chipping Norton: Surrey Beatty. pp. 111–137.
- WALKER, K., ELLIOTT, G., NICHOLLS, D., MURRAY, D. & DILKS, P. 1995. Satellite tracking of Wandering Albatross (*Diomedea exulans*) from the Auckland Islands: preliminary results. *Notornis* 42: 127–137.
- WANG, Z. & NORMAN, F.I. 1995. Dynamics of population of South Polar Skua in Larsemann Hills, Antarctica. *Antarct. Res.* (Chinese edition) 7(2): 25–31. (In Chinese with English abstract).
- WANLESS, S., HARRIS, M.P. & MORRIS, J.A. 1995. Factors affecting daily activity budgets of South Georgian Shags during chick rearing at Bird Island, South Georgia. *Condor* 97: 550–558.
- WEIMERSKIRCH, H. 1995. Regulation of foraging trips and incubation routine in male and female Wandering Albatrosses. *Oecologia* 102: 37–43.
- WEIMERSKIRCH, H., CHASTEL, O. & ACKERMANN, L. 1995. Adjustment of parental effort to manipulated foraging ability in a pelagic seabird, the Thin-billed Prion *Pachyptila belcheri*. *Behav. Ecol. Sociobiol.* 36: 11–16.
- WEIMERSKIRCH, H., WILSON, R.P., GUINET, C. & KOUDIL, M. 1995. Use of seabirds to monitor sea-surface temperatures and to validate satellite remote-sensing

- measurements in the Southern Ocean. *Mar. Ecol. Prog. Ser.* 126: 299–303.
- WILLIAMS, T.D. 1995. The penguins: Spheniscidae. (Bird families of the World, 2). Oxford: Oxford University Press.
- WILSON, R.P. 1995. Foraging ecology. In: Williams, T.D. The penguins: Spheniscidae. Bird families of the World, 2. Oxford: Oxford University Press. pp. 81–106.
- WILSON, R.P. & CULIK, B.M. 1995. Energy studies of free-living seabirds: do injections of doubly-labeled water affect Gentoo Penguin behavior? *J. Field Orn.* 66: 484–491.
- WILSON, R.P., PÜTZ, K., CHARRASSIN, J.-B. & LAGE, J. 1995. Artifacts arising from sampling interval in dive depth studies of marine endotherms. *Polar Biol.* 15: 575–581.
- WILSON, R.P., PÜTZ, K., GREMILLET, D., CULIK, B.M., KIERSPEL, M., REGEL, J., BOST, C.A., LAGE, J. & COOPER, J. 1995. Reliability of stomach temperature changes in determining feeding characteristics of seabirds. *J. Exp. Biol.* 198: 1115–1135.
- WILSON, R.P., WEIMERSKIRCH, H. & LYS, P. 1995. A device for measuring seabird activity at sea. *J. Avian Biol.* 26: 172–175.
- WOAKES, A.J., BUTLER, P.J. & BEVAN, R.M. 1995. Implantable data logging system for heart rate and body temperature: its application to the estimation of field metabolic rates in Antarctic predators. *Med. Biol. Eng. Comput.* 33: 145–151.
- WOEHLER, E.J. 1995. Consumption of Southern Ocean marine resources by penguins. In: Dann, P., Norman, I. & Reilly, P. (Eds). The penguins: ecology and management. Chipping Norton: Surrey Beatty. pp. 266–295.
- WOEHLER, E.J. 1995. Bill morphology of Royal and Macaroni Penguins, and geographic variation within eudyptid penguins. In: Dann, P., Norman, I. & Reilly, P. (Eds). The penguins: ecology and management. Chipping Norton: Surrey Beatty. pp. 319–330.
- WOEHLER, E.J. 1995. Variability in foraging ecology and food consumption by seabirds at high latitudes. PhD thesis, University of California, Irvine.
- WOEHLER, E.J., PHILLIPS, C.M. & COOPER, J. 1995. Publications and theses on Antarctic and sub-Antarctic birds, 1994. *Mar. Orn.* 23: 147–151.
- YOUNG, E.C. 1995. Conservation values, research and New Zealand's responsibilities for the Southern Ocean islands and Antarctica. *Pac. Conserv. Biol.* 2: 99–112.

#### REFERENCES NOT INCLUDED IN PREVIOUS BIBLIOGRAPHIES

- AINLEY, D. 1994. Autumn distribution of marine birds and mammals in the Amundsen and Bellingshausen Seas. *Antarct. J. U. S.* 29(5): 118–119.
- BENGTSON, J.L., BOVENG, P.L., HIRUKI, L.M., JANSEN, J.K., MEYER, W.R. & SCHWARTZ, M.K. 1994. AMLR program: pinniped and seabird studies at Seal Island, South Shetland Islands, during the 1993–1994 austral summer. *Antarct. J. U. S.* 29(5): 200–201.
- COOPER, J., VAN WYK, J.C.P. & MATTHEWSON, D.C. 1994. Effects of small-mammal trapping on birds at sub-Antarctic Marion Island. *S. Af. J. Antarct. Res.* 24: 125.
- FAVERO, M. 1993. Biología reproductiva de la paloma Antártica, *Chionis alba* (Charadriiformes) en las Islas Shetland del Sur, Antártida. *Riv. Ital. Ornitol.* 63: 33–40.
- FAVERO, M. 1993. Asociaciones alimentarias de la paloma antártica *Chionis alba* en las islas 25 de Mayo (King George Is.) y Media Luna (Halfmoon Is.) Shetland del Sur. In: *Segundas Jornadas de Comunicaciones sobre Investigaciones Antárticas*. Buenos Aires: Instituto Antártico Argentino. pp. 55–58.
- HODUM, P.J. 1994. Foraging ecology and reproductive energetics of Antarctic petrels. *Antarct. J. U. S.* 29(5): 167–168.
- HOLBERTON, R. & WINGFIELD, J.C. 1994. Adrenocortical responses to stress in antarctic seabirds. *Antarct. J. U. S.* 29(5): 167.
- KOOYMAN, G.L. 1994. Natural history of Emperor Penguin colonies of the Ross Sea, 1993. *Antarct. J. U. S.* 29(5): 170–171.
- MONTALTI, D. & CORIA, N.R. 1993. El uso de la técnica de lavados de estómagos para obtener muestras de contenidos estomacales en aves marinas antárticas. *Riv. Ital. Ornitol.* 63: 69–73.
- NEVITT, G.A. 1994. Antarctic procellariiform seabirds can smell krill. *Antarct. J. U. S.* 29(5): 168–169.
- ORGEIRA, J.L. 1993. Observaciones sobre la avifauna de las islas Georgias del Sur. In: *Segundas Jornadas de Comunicaciones sobre Investigaciones Antárticas*. Buenos Aires: Instituto Antártico Argentino. pp. 87–90.
- ORGEIRA, J.L. 1993. Avifauna del mar de Weddell, Campaña Antártica 1989/90. In: *Segundas Jornadas de Comunicaciones sobre Investigaciones Antárticas*. Buenos Aires: Instituto Antártico Argentino. pp. 91–96.
- ORGEIRA, J.L. 1994. Distribucion de las aves antárticas y subantárticas. *Contrnes. Inst. Antárt. Argent.* 437: 1–21.
- REITSCH, G.A. & VEIT, R.R. 1994. AMLR program: abundance of vertebrate predators and their spatial association with krill. *Antarct. J. U. S.* 29(5): 198–200.
- VEIT, R.R., SILVERMAN, E.D., HEWITT, R.P. & DEMER, D.A. 1994. Spatial and behavioral responses by foraging seabirds to Antarctic krill swarms. *Antarct. J. U. S.* 29(5): 164–166.

