

# PUBLICATIONS AND THESES ON ANTARCTIC AND SUB-ANTARCTIC BIRDS, 1993

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## SUMMARY

PHILLIPS, C.M., WOEHLE, E.J. & COOPER, J. 1995. Publications and theses on Antarctic and sub-Antarctic birds, 1993. *Marine Ornithology* 23: 141–146.

A total of 110 scientific publications and theses on Antarctic and sub-Antarctic birds for the year 1993 is listed. This annual list is produced by 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 seabird species from 1984 onwards be prepared.

The 1993 list, the eighth 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 and previous lists, to the first author for inclusion in subsequent lists.

ADAMS, N.J., MOLONEY, C. & NAVARRO, R. 1993. Estimated food consumption by penguins at the Prince Edward Islands. *Antarct. Sci.* 5: 245–252.

AFANASYEV, V. 1993. A miniature storing activity recorder for sea bird species with 80 bytes of memory for data storage. *NERC Technol.* 1: 4–7.

AFANASYEV, V. & PRINCE, P.A. 1993. A miniature storing activity recorder for seabird species. *Ornis Scand.* 24: 243–246.

AGNEW, D.J. 1993. Can we use discriminant function analysis to sex penguins prior to calculating an index of a morphometric characteristic? In: Scientific Committee for the Conservation of Antarctic Marine Living Resources. Selected Scientific Papers 1992. Hobart: CCAMLR. pp. 259–272.

AGUILERA, E., MORENO, J. & FERRER, M. 1993. Blood chemistry values in three *Pygoscelis* penguins. *Comp. Biochem. Physiol.* 105A: 471–473.

AINLEY, D.G., RIBIC, C.A. & SPEAR, L.B. 1993. Species–habitat relationships among Antarctic seabirds: a function of physical or biological factors? *Condor* 95: 806–816.

ALERSTAM, T., GUDMUNDSSON, G.A. & LARSSON, B. 1993. Flight tracks and speeds of Antarctic and Atlantic seabirds: radar and optical measurements. *Phil. Trans. Roy. Soc. Lond.* 340B: 55–67.

ALVAREZ, B., FROS, T., PUIG, J., SANCHEZ, J., GRANUCCI, A., ALVAREZ, S. & MÉNDEZ, C. 1993. Estudio de algunas variables eco-etológicas en

- una pingüinera, isla Ardley – islas Shetland del Sur. Tiempo que dedican y forma en que actúan los *Pygosceles papuas* para alimentar a sus crías. *Inst. Antárt. Uruguayo Activ. Cient.* 1993 4: 99–101.
- ALVAREZ, B., FROS, T., PUIG, J., SANCHEZ, J., GRANUCCI, A., ALVAREZ, S. & MÉNDEZ, C. 1993. Estudio de algunas variables eco-etológicas en una pingüinera, isla Ardley - islas Shetland del Sur. Marcha del alba, de los *Pygosceles papuas* y las tres áreas o zonas que componen una pingüinera. *Inst. Antárt. Uruguayo Activ. Cient.* 1993 4: 107–119 + 1 pl.
- ALVAREZ, B., GRANUCCI, A. & MAÑANA, E. 1993. Estudio de algunas variables eco-etológicas en una pingüinera, isla Ardley – islas Shetland del Sur. Estudio preliminar sobre la morfología del sistema nervioso del pingüino con especial referencia al encefalo. *Inst. Antárt. Uruguayo Activ. Cient.* 1993 4: 103–105 + 5 pls.
- AMAT, J.A., VIÑUELA, J. & FERRER, M. 1993. Sexing Chinstrap Penguins (*Pygoscelis antarctica*) by morphological measurements. *Colonial Waterbirds* 16: 213–215.
- AUSTIN, F.J. & WEBSTER, R.G. 1993. Evidence of ortho- and paramyxoviruses in fauna from Antarctica. *J. Wildl. Dis.* 29: 568–571.
- BARTLE, J.A., HU, D., STAHL, J.-C., PYLE, P., SIMONS, T.R. & WOODBY, D. 1993. Status and ecology of gadfly petrels in the temperate North Pacific. In: Vermeer, K., Briggs, K.T., Morgan, K.H. & Siegel-Causey, D. (Eds). The status, ecology, and conservation of the marine birds of the North Pacific. Ottawa: Canadian Wildlife Service Special Publication. pp 101–111.
- BENGTSON, J.L., CROLL, D.A. & GOEBEL, M.E. 1993. Diving behaviour of Chinstrap Penguins at Seal Island. *Antarct. Sci.* 5: 9–15.
- BENGTSON, J.L., JANSEN, J.K., MEYER W.R., MILLER, R.V., SCHWARTZ, M.K. & WALKER, B.R. 1993. AMLR program: fur seal and seabird studies at Seal Island, South Shetland Islands, during the 1992–1993 austral summer. *Antarct. J. U. S.* 28(5): 200–201.
- BLECHSCHMIDT, K. *et al.* 1993. Untersuchungen zur molekularen Systematik der Raubmöwen (Stercorariidae). [Investigations on the molecular systematics of skuas.] *Zool. Jahrb. Syst. Ökol.* 120: 379–387.
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- BRETAGNOLLE, V. 1993. Adaptive significance of seabird coloration: the case of Procellariiforms. *Am. Nat.* 142: 141–173.
- BRIGGS, D.R., PRINCE, P.A. & CROXALL, J.P. 1993. Movements and interactions of Wandering Albatrosses: the roles of satellite tracking and direct observations. *Sea Swallow* 42: 41–44.
- BUSCHING, W.D. 1993. Erste Ergebnisse von Studien an den Federn antarktischer Vögel von den Südshetlands und Südgeorgien. [First results of studies on feathers of Antarctic birds ...]. *Beitr. Vogelk.* 39: 92–130.
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- CHAPPELL, M.A., SHOEMAKER, V.H., JANES, D.N., BUCHER, T.L. & MALONEY, S.K. 1993. Diving behavior during foraging in breeding Adélie Penguins. *Ecology* 74: 1204–1215.
- CHAPPELL, M.A., SHOEMAKER, V.H., JANES, D.N., MALONEY, S.K. & BUCHER, T.L. 1993. Energetics of foraging in breeding Adélie Penguins. *Ecology* 74: 2450–2461.
- CHASTEL, O., WEIMERSKIRCH, H. & JOUVENTIN, P. 1993. High annual variability in reproductive success and survival of an Antarctic seabird, the Snow Petrel *Pagodroma nivea*. A 27-year study. *Oecologia* 94: 278–285.
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- CHEREL, Y., CHARRASSIN, J.-B. & HANDRICH, Y. 1993. Comparison of body reserves buildup in pre-fasting chicks and adults of King Penguins (*Aptenodytes patagonicus*). *Physiol. Zool.* 66: 750–770.
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