

Outline of a proposal to SCAR for the study of the Marine Living Resources of the Southern Ocean

1. Introduction: Background and general objectives Sayed.
  - 1.1 Historical background
  - 1.2 The objectives and justification of the research programme. Sayed  
Gulland  
(Ruax)
  
2. Suggested research programme
  - 2.1 Population dynamics and ecology of krill Nemoto
  - 2.2 Population dynamics and ecology of marine mammals Laws / Holt
  - 2.3 Population dynamics and ecology of fishes, squids and other living resources Hureau / Newman
  - 2.4 Trophodynamics of the Antarctic marine ecosystem SOMER / Gulland
  - 2.5 Pollutants in the Antarctic marine ecosystem GESAMP / Gulland
  
3. Practical implementation of the programme
  - 3.1 A proposal for a co-ordinated multi-ship programme Sayed / Mainyev
  - 3.2 Supporting ship-based programmes Hureau / Tranter
  - 3.3 Supporting shore-based programmes Field / Home
  - 3.4 Remote sensing Siriif / Newman
  - 3.5 Data reporting and handling after sorting
  - 3.6 Financial implications Tunetabla and
  
4. Coordination and Cooperation between international bodies Holt
  
5. Provision of scientific advice
  - 5.1 Examination of management strategies
  - 5.2 Arrangements for providing adviceGulland

Hempel

Gulland

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 combined version 15 April  
 comments by 1 June  
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