

THE LIBRARY
DEPARTMENT OF CONSERVATION
& LAND MANAGEMENT
WESTERN AUSTRALIA

MONTE BELLO AND LOWENDAL ISLANDS

BIBLIOGRAPHY

Report prepared as part a study of the Monte Bello Islands and surrounding waters with funds provided through the Great Barrier Reef Marine ParkAuthority from the Ocean Rescue 2000 Program.

Prepared by P.M. Deegan for the Department of Conservation and Land Management, Western Australia. September, 1992.

This Report can be cited as:
Deegan, P M, (1992). Monte Bello and Lowendal Islands -Bibliography.
Report prepared for the
Department of Conservation and Land Management.Perth.

919. 413

DEF

While information in this report is an accurate representation of material cited the Department of poservation and Land Management disclaims responsibility for any errors that may have occured.

NOTE

Users of this bibliography should note that generally only references specific to the Monte Bello or Lowendal Islands have been included.

There are in addition general references to Western Australia's marine environment and to the North West coast which should be consulted. An example is G.R. Allen and R. Swainston (1988) "The Marine Fishes of North-Western Australia", Western Australian Museum, 1988.

There are also published papers and reports on the marine environments of other areas on the North-West coast, such as Shark Bay, the Dampier Archipelago and Barrow Island, which are not included here but which may nevertheless be useful in further studies of the Monte Bello and Lowendal areas.

Although a list of some of the State Government department files on the area is included, unpublished reports on those files have only been listed individually if they are substantial reports (see e.g. Crawford 1986). Other reports, particularly those containing observations by departmental staff visiting the islands, are of interest but have not been listed separately.

DEEGAN, P. M. 919.

Monte Bello and 413
Lowendal Islands: DEE
bibliography:
report prepared as
part a study of the

051279

GENERAL

Morris, K., Christensen, L. and Start, T. (1988). Beyond the Bomb: Montebellos in 1988. *Landscope* 3(4). Department of Conservation and Land Management, Como, Western Australia 1988.

Tancred, G.D. (1951). Triangulation Data, Monte Bello Islands. H.M.A. Surveying Ship Warrego 1951. Canberra R.A.N.

CLIMATE AND OCEANOGRAPHY

Bureau of Meteorology. (1972). Climatic Survey: North West Region 6, Western Australia. April 1972.

Easton, A.K. (1970). Tides of the Continent of Australia. *Research Paper No 37, Horace Lamb Centre for Oceanographic Research,* Flinders University of S.A.

Holloway, P.E. (1983). Tides of the Australian North-West Shelf. Aust. J. Mar. Freshwat. Res. 34:213-230.

GEOLOGY

Jones, H.A. (1970). The Sediments, Structure and Morphology of the Northwest Continental Shelf Between Rowley Shoals and the Monte Bello Islands. *B.M.R. Record* 1970:27.

Ryall, A., Seow, J., and Carr, W. (in preparation). Geology and Resource Prospectivity of the Monte Bello Islands. Department of Minerals and Energy, Perth, Western Australia.

Smith, D.N. (1965). Monte Bello Geological Reconnaissance. Report to Western Australia Petroleum Pty Ltd (WAPET). Unpublished.

HISTORY

Anon. (1931). The Monte Bellos. Account of a Fishing Trip. A Turtle Banquet. *The West Australian*, 12 August, 1931.

__(1931). The Monte Bellos. Account of a Fishing Trip. Novelty and Excitement. The West Australian, 13 August, 1931.

__(1931). The Monte Bellos. Account of a Fishing Trip. Industrial Possibilities. *The West Australian*, 17 August, 1931.

Crawford, I.M. (1986). Report and Recommendations From a Visit to the Montebello Islands, August 1986. Report on behalf of WA Museum to the Department of Conservation and Environment. Unpublished.

Green, J. (1977). Australia's Oldest Wreck: The Loss of the Trial, 1622. British Archaeological Reports, Supplementary Series No 27, 1977.

King, P.P. (1826). Narrative of a Survey of the Inter- Tropical and Western Coasts of Australia. Vol 1, p 141. John Murray, London.

Stokes, J.I. (1846). Discoveries in Australia. T. and W. Boone, London.

Terry, P. (1985). The Mystery of the Treasure of Monte Bello. *The Weekend Australian Magazine*, July 27-28 1985. Page 3.

ATOMIC WEAPONS TESTING AND RADIATION MONITORING

Arnold, _. (1987). A Very Special Relationship: British Atomic Weapon Trials in Australia. Her Majesty's Stationery Office, London. 1987.

Atomic Weapons Tests Safety Committee (1968). Statement of Requirements for Inspection and Radiation Survey of the Monte Bello Islands by a Party from HMAS Diamantina, February 1968.

Atomic Weapons Tests Safety Committee (1972). Statement of Requirements for Radiation Survey, Geodetic Survey and Inspection of the Monte Bello Islands by National Mapping Division, Department of National Development, September 1972.

Australian Ionising Radiation Advisory Council (1979). Radiological Safety and Future Land Use in the Monte Bello Islands. AIRAC Report No 5. Australian Government Publishing Service, Canberra. August 1979.

Cooper, M.B. and Duggleby, J.C. (1980). Field and Analytical Data Relating to the 1972 and 1978 Surveys of Residual Contamination of the Monte Bello Islands and Emu Atomic Weapons Test Sites. Australian Radiation Laboratory ARL/TR029. December 1980. Yallambie Victoria.

Cooper, M.B., Duggleby, J.C., Kotler, L.H., and Maclagan, D.S. (1979). Analytical Data from the Surveys of Residual Radioactive Contamination at the Monte Bello Islands and Emu Field. Australian Radiation Laboratory Technical Report.

Cooper, M.B. and Hartley, B.M. (1979). Residual Radioactive Contamination of the Monte Bello Islands from Nuclear Weapons Tests conducted in 1952 and 1956. Australian Radiation Laboratory, ARL/TR010, April 1979. Yallambie, Victoria.

Cooper, M.B., Lokan, K.H., Williams, G.A. and Toussaint, L. (1983). The Radiological Status of the Monte Bello Islands; May 1983. Australian Radiation Laboratory ARL/TR062, October 1983. Yallambie, Victoria.

Cooper, M.B., Martin, L.J., Wilks, M.J., and Williams, G.A. (1990). Radiological Hazard Assessment at the Monte Bello Islands. Australian Radiation Laboratory ARL/TR096, December 1990. Yallambie, Victoria.

Department of National Development and Energy (1980). Management of Former UK Atomic Wepons Test Sites in Australia. Report of the 1979 Work Programme. Department of National Development and Energy, Canberra.

Hartley, B.M. (1990). Gamma Radiation Levels at the Monte Bello Islands Atomic Tests Sites. Report by B.M. Hartley, Radiation Health Section, Health Department of W.A., Nedlands. 1990. Unpublished.

Hartley, B.M., King, B.E., Davies, L.M. and Murrell, R.A. (1978). Observations on a Nuclear Explosion Site (Monte Bello Islands) Twenty Years After. Paper delivered to Third Annual Conference, Australian Radiation Protection Society, May 1978.

McClelland, J. (1985). The Report of the Royal Commission into British Nuclear Tests in Australia. Australian Government Publishing Services, Canberra 1985.

Mooney, B. (1982). Radioactivity at the Monte Bello Islands. *Australian Fisheries*, May 1982.

Moroney, J.R. (1964). Radiation Survey of the Monte Bello Islands, May - June, 1962. Report to the Atomic Weapons Tests Safety Committee, September 1964.

Moroney, J. (1985). Environmental Radiation at the Monte Bello Islands and Other Remnants from the Nuclear Weapons Tests Conducted in 1952 and 1956. Submission by J. Moroney, Australian Radiation Laboratory, to the Royal Commission into British Nuclear Tests in Australia. July 1985. Unpublished.

Moroney, J.R. and Cooper, M.B. (1982). Environmental Radiation at the Monte Bello Islands from Nuclear Weapons Tests Conducted in 1952 and 1956. Australian Radiation Laboratory ARL/TR049, December 1982. Yallambie, Victoria.

Symonds, J.L. (1985). A History of British Atomic Tests in Australia. Australian Government Publishing Service, Canberra 1985.

Technical Assessment Group (1990). Rehabilitation of Former Nuclear Test Sites in Australia. Report by the Technical Assessment Group. Australian Government Publishing Service, Canberra. 1990.

Watts, D. and Brock, G. (1984). Ill-Wind at Monte Bello. *The Australian Weekend Magazine*, June 23-24 1984.

Williams, D. (1984). Report on H.M.S. Plym, 28 May 1984. Division of National Mapping, Melbourne.

TERRESTRIAL BIOLOGY

Britton, E.B. (1955) Coleoptera: Scarabidae: Melonthinae and Dyrastinae from the Monte Bello Islands, 1952. *Proc. Linn. Soc. Lond.* 165(2):124-126.

Buckley, R. (1984) Vegetation and Flora of the Lowendal Islands, Western Australia. Report to WAPET. Unpublished.

Burbidge, A.A. (1971). The Fauna and Flora of the Monte Bello Islands. *Dept Fisheries and Fauna Rep.No 9.* Department of Fisheries and Fauna, Western Australia.

Cameron, M. (1955). Cleoptera: Staphylinidae from the Monte Bello Islands, 1952. *Proc. Linn. Soc. Lond.* 165(2):128.

Hill, F.L. (1955). Notes on the Natural History of the Monte Bello Islands. *Proc. Linn. Soc. Lond.* 165(2):113-124.

Kimmins, D.E. (1955). Neuroptera from the Monte Bello Islands, 1952. *Proc. Linn. Soc. Lond.* 165(2):128-131.

Montague, P.D. (1913). The Monte Bello Islands. *Geographical Journal* 42:34-44.

Montague, P.D. (1914). A Report on the Fauna of the Monte Bello Islands. *Proc. Zool. Soc. Lond.* 11:625-652.

Pope, R.D. (1955). Coleoptera: Caccinellidae from the Monte Bello Islands, 1952. *Proc. Linn. Soc. Lond.* 165(2):127.

Salmon, J.T. (1955). Collembola: A New Species of Pseudanurida from the Monte Bello Islands. *Proc. Linn. Soc. Lond.* 165(2):131-132.

Serventy, D.L. and Marshall, A.J. (1964). A Natural History Reconnaissance of Barrow and Monte Bello Islands 1958. Melbourne, CSIRO. CSIRO Division of Wildlife Research Technical Paper 6.

Sheard, K. (1950). A Visit to the Monte Bello Islands. West. Aust. Nat. 2:150-151.

MARINE BIOLOGY

Board, P.W.. (1977). A Shelling Visit to the Monte Bello Islands. *Hawaiian Shell News* 25(11):9-10. November 1977.

IUCN (1988). Lowendal Islands Nature Resrve, Monte Bello Islands and Adjacent Reefs. In: Wells, S.M. (Ed): Coral Reefs of the World. Vol. 2: Indian Ocean, Red Sea and Gulf. IUCN Conservation Monitoring Centre, Cambridge, in collaboration with The United Nations Environment Programme.

Iredale, Tom (1914). Report on Mollusca Collected at the Monte Bello Islands. *Proc. Zool. Soc. Lond.* 11:665-675.

Jones, H.E. (1986). Marine Resources Map of Western Australia, Part I: The Resources. Fisheries Dept Report No 74, Fisheries Department, Perth, Western Australia.

McMillan, C., Young, P.C., Cambridge, M.L., Masini, R.J. and Walker, D.I. (1983). The Status of an Endemic Australian Seagrass, *Cymodocea angustata* Ostenfeld. *Aquat. Bot.* 17:231-241.

Rathburn, M.J. (1914). Stalk-eyed Crustaceans collected at the Monte Bello Islands. *Proc. Zool. Soc. Lond.* 11:653-664.

Robson, G.C. (1914). Cephalopoda from the Monte Bello Islands. *Proc. Zool. Soc. Lond.* 11:677-680.

Sheard, K. (1950). Villaret Cruise, North West Coast. August 1950. 8th Annual Conference, Inspectors Fisheries Department, Perth W.A. 1950. pp 1-16.

Vernon, J.E.N. and Marsh, L.M. (1988). Haermatypic Corals of Western Australia: Records and Annotated Species Lists. *Records of the WA Museum*, Supplement No 29. WA Museum, Perth.

Walker, D.I. and Prince, R.I.T. (1987). Distribution and Biogeography of Sea Grass Species on the North West Coast of Australia. *Aquat. Bot.* 29:19-32.

Western Australian Museum.(__). (Various unpublished field notes, species lists and collections from visits to the area by Museum staff; e.g. B. Hutchins, 1974; F. Wells, 1978; L.M. Marsh and S.M. Slack-Smith, 1979; G.R. Allen, 1983)

Whitely, G.P. (1945). Cruise of the M.V. *Isobel*. July 13 to December 14, 1945. Biologist's Log. Fisheries Department, Western Australia. Unpublished Report.

MANAGEMENT

Burbidge, A.A. (1980). Outline for Draft Management Plan Hermite Island. Dept Fisheries and Wildlife, Western Australia. Unpublished.

Burbidge, A.A. (Ed.) (1985). Australian and New Zealand Islands: Nature Conservation Values and Management. Proceedings of a Technical Workshop, Barrow Island, Western Australia, 1985. CALM Occasional Paper 2/89.

Department of Conservation and Environment (1982). Management Proposals for the Monte Bello Islands. Unpublished.

EPA (1975). Conservation Reserves for Western Australia. Environmental Protection Authority. Systems 4, 8, 9, 10, 11, 12. W.A. State Government Publisher, Perth.

Morris, K.D. (1991). Management Proposals for the Montebello Islands and Surrounding Waters. CALM Occasional Paper No. 3/91. August 1991. Department of Conservation and Land Management, Como, Western Australia.

National Parks Authority (1980). Monte Bello Islands: Proposed Outline Working Plan. Unpublished.

PEARL INDUSTRY

Haynes, T.H. (1912). Mother-O'Pearl Shell Culture: Report to the Montebello Shell Syndicate Ltd, London. Unpublished.

Morgan, R.P. (1982). Submission to the Director, Department of Conservation and Environment In Respect of Continuation of a Pearling Industry on the

Montebello Islands. Morgan and Company Pty Ltd, Pearlers and Pearl Cultivators, Two Rocks, Western Australia. Unpublished.

OILFIELD DEVELOPMENT - INCLUDING ENVIRONMENTAL MONITORING

Bond Corporation Petroleum Division. (1986). Harriet Field Development. Varanus Island. Annual Environmental Report, June 1986.

Bond Corporation Petroleum Division. (1987). Harriet Field Development. Varanus Island. Annual Environmental Report. June 1987.

Carr, W. (1988). Environmental Impact Assessments of Three Offshore Oilfields, Western Australia. In: Purcell, P.G. and Purcell, R.R. (Eds) The North West Shelf Australia: Proceedings, North West Shelf Symposium, Perth, Western Australia, 1988. Petroleum Exploration Society of Australia Ltd, Australia.

Dinara Pty Ltd. (1988). A Report on the Vegetation Monitoring on Varanus Island, W.A. Report for Bond Corporation Pty Ltd. Unpublished.

EPA (1985). Bond Oil Pty Ltd. Harriet Oilfield Development. Report and Recommendation by the EPA. Dept Conservation and Environment, Perth W.A. Bulletin 211, July 1985.

Hadson Energy Ltd (1991). Tanami No 1. Environmental Report. December 1991.

Kinhill Engineers Pty Ltd. (1987). Harriet Oilfield Development. Varanus Island. LPG Extraction Plant. Notice Of Intent. December 1987. Report Prepared by Kinhill Engineers Pty Ltd for Bond Corporation Pty Ltd.

Kinhill Stearns. (1986). Harriet Oilfield Development: Environmental Management Programme for Varanus Island, Lowendal Group. Report prepared by Kinhill Stearns for Bond Corporation Pty Ltd Petroleum Division.

LeProvost, I. (1991). Marine Environmental Management of Three Offshore Oilfields in Tropical Waters of North-West Australia. *The Australian Petroleum Exploration Association Journal*, 31(1):423-430.

LeProvost Environmental Consultants. (1990). Hadson Energy Ltd. Harriet Field Development. Fifth Annual Environmental Report. June 1990. Report to Hadson Energy Ltd by LeProvost Environmental Consultants LEC Ref J147.

LeProvost Environmental Consultants (1992). WA-192-P Part 1. Oil Spill Contingency Plan. Report to Phillips Australian Oil Company by LeProvost Environmental Consultants in association with Labrodor Petro-Management. 21 April, 1992. LEC Ref: J242.

LeProvost, M.I. and Gordon, D.M. (1991). Oilfield Development and Protection of Natural Resources Within the Tropical Marine Environment of the Rowley Shelf, Northwest Australia. Paper presented to the Society of Petroleum Engineers Asia-Pacific Conference, Perth, Western Australia, 4-7 November, 1991.

LeProvost, Semeniuk and Chalmer. (1986). Harriet Oilfield Marine Biological Monitoring Programme - Environmental Description, Establishment of Baseline and Collection of First Data Set. LSC Report No R120. Report to Bond Corporation Pty Ltd Petroleum Division by LeProvost, Semeniuk and Chalmer, Environmental Consultants Unpublished.

LeProvost, Semeniuk and Chalmer (1987a). Harriet Oilfield Development. Mangrove Monitoring Surveys, Progress Report - June 1987. LSC Report No R178. Report to Bond Corporation Pty Ltd Petroleum Division by LeProvost, Semeniuk and Chalmer, Environmental Consultants. Unpublished.

LeProvost, Semeniuk and Chalmer. (1987b). The Debility of Mangroves on Varanus Island in the Lowendal Islands Group. Report to Bond Corporation Pty Ltd, Petroleum Division.by LeProvost, Semeniuk and Chalmer, Environmental Consultants. 9 October 1987. Unpublished.

LeProvost, Semeniuk and Chalmer. (1988). Harriet Field Development. Triennial Environmental Report. June 1988. Report to Bond Corporation Pty Ltd Petroleum Division by LeProvost, Semeniuk and Chalmer, Environmental Consultants. October 1988.

LeProvost, Semeniuk and Chalmer. (1989). Harriet Field Development: Fourth Annual Environmental Report. June 1989. Report to Bond Energy Resources Ltd by LeProvost, Semeniuk and Chalmer, Environmental Consultants.

LeProvost Environmental Consultants. (1991). Shallow Marine Habitats and Biotic Assemblages of Barrow Island. Report to West Australian Petroleum Pty Ltd by LeProvost Environmental Consultants Unpublished.

Meagher, T.D. and Associates (1984). South Pepper - North Herald Oil Field Project. Marine Environmental Investigation. Report to Maunsell and Partners by T.D. Meagher and Associates, April 1984. Unpublished.

Semeniuk, V.and C. Research Group (1988). The Mangroves of the Lowendal Islands and Monte Bello Islands - Harriet Oilfield Development Triennial Report. October 1988.

Semeniuk, V. and C. Research Group. (1989a). The Mangroves of the Lowendal Islands and Monte Bello Islands - Harriet Oilfield Development: Results of Surveys December 1988 and June 1989. Annual Report. June 1989.

Semeniuk, V. and C. Research Group (1989b). The Mangroves of the Lowendal Islands and Monte Bello Islands - Harriet Oilfield Development. Results of Surveys Late November 1989. December 1989.

Steedman, R.K. and Associates. (1983). Final Report, Oceanographic and Meteorological Measurements, Barrow Island Tanker Terminal, March 1982 to April 1983. Report for WAPET. Unpublished.

Steedman, R.K. and Associates. (1984). Prediction of Oil Spill Trajectories for Harriet Location. Report for Australian Occidental Pty Ltd. Unpublished.

MAPS AND CHARTS

AUS 742 (1970). Australia - North West Coast, Western Australia. Rosemary Island to Barrow Island. Hydrographic Service, RAN.

AUS 61 (1992). Australia - North West Coast, Western Australia. Monte Bello Islands. Hydrographic Service, RAN.

2057-III and PT 1957-II. Monte Bello and Pt Tryal Rocks. 1:50 000. Cad Topo. Edition 1. LA WA. (November 1988).

2056-IV. Lowendal. 1:50 000. Cad Topo. Edition 1. LA WA. (November 1988).

AERIAL PHOTOGRAPHY

Department of Land Administration, Topographical Services. Project No J58. Tourist Development Localities, Monte Bello Islands. 28 August, 1969. Film No WA 1178 (Black and White), Scale (approx) 50 chn and 25 chn = 1". Height 20 000', Runs 1, 2, 3. Photo Nos 5059 - 5075. Height 10 000', Runs 1, 2, 3. Photo Nos 5097 - 5132.

Department of Land Administration, Topographical Services. Monte Bello Islands (1985). Project No: 850096. WA 2337. Scale 1: 25 000. 29 frames, colour.

Aerial Surveys (1990). Complete coverage of Monte Bello and Lowendal Islands at 1: 40 000 and 1: 50 000. Flight line details and photos available from Aerial Surveys, 192 Cambridge Street Wembley.

VIDEO

LeProvost Environmental Consultants (1992).

Aerial and underwater footage taken during the 1992 marine biological survey for Phillips Oil Company's Oil Spill Contingency Plan (WA 192-p Part 1). Copy held by CALM.

DEPARTMENTAL FILES

Department of Conservation and Land Management.

Marine Parks Proposals. Monte Bello Islands. Volumes
1 - 5.

Department of Land Administration.

05460-1911-03R. Monte Bello Islands.

01449-1976-01R. Hermite Island.

01344-1992-01R. Reserve 42197. Montebello Islands between the low and high water tide marks.

01343-1992-01R. Reserve 42196. Ashburton Loc.172 Monte Bello Isl ands. A Class Reserve.

Environmental Protection Authority. File 202/76. Part 8.2. Monte Bello Islands.

Volumes 1 - 11.

Fisheries Department / Fisheries and Wildlife / Fisheries and Fauna.

Archived files held at State Archives.

File 207/10 ACC 652 AN 108/5a. Pearl Fishing around Monte Bello Islands - F.J.S. Spence applies for licence. File 6/19 ACC 1552 AN 108/4. Fisheries - H. Baron Rodway. Appln.

Excl. Lic. for turtles - Montebello Islands.

File 29/20 ACC 1552 AN 108/4. Fisheries - turtles - Westral Freezing and Canning Co (A.E. Bennett) Excl. Lic.- turtles, Montebello Islands. File 49/20 ACC 1552 AN 108/3. Montebello Islands. T.H. Haynes (Vols 1 & II).

File 49/20 ACC 1552 AN 108/14. W.C. Act. Montebello Island. 1920-

File 1275/20 ACC 477 AN 108/5b. Re obtaining an excl. lic. to take turtles in vicinity of Termouillie Island.

File 24/31 AN 108/4. Fisheries- Monte Bello Island - Fishing industry at - General file.

File 48/32 AN 108/1. Excl. pearling lic. at Monte Bello Island - T.H. Havnes.

File 44/33 AN 108/1. Fish curing at Monte Bellos - G.R. Turner.

File 14/37 AN 108/4. Fisheries -whaling - Lars Christensen. Excl. lic. take whales Dampier Archipelago and Monte Bello group.

File 52/39 AN 108/4. Fisheries - H. Morgan and Lloyd Jones - Pt Hedland. Excl. lic. marine products - Barrow and Monte Bello Islands. File 94/39 AN 108/4. Fisheries - V. Gardiner and W.J. Bowden - Appln for excl. lic. to fish turtles off the Montebello group.

File 4/70 ACC 3119 AN 108/23. Pearl culture - Morgan, R.P.

File 861/73 ACC 1598 AN 108/17. Game fishing venture - Montebello Is - Turpin, B.