

BIBLIOGRAPHY

FURTHER READING

A general account of the shipwreck of the 'Torrey Canyon' and consequent fouling is described in:

GILL, C., BOOKER, F. & SOPER, T. (1967). *The Wreck of the Torrey Canyon*. Newton Abbott: David and Charles. 128 pp.

Recent reports on the subject of oil pollution also include:

BEYNON, L. R. (1967). *The Torrey Canyon Incident: A Review of Events*. British Petroleum Company. 20 pp.

BOURNE, W. R. P., PARRACK, J. D. & POTTS, G. R. (1967). Birds killed in the 'Torrey Canyon' disaster. *Nature, Lond.* **215**, 1123-5.

COMMITTEE OF SCIENTISTS (1967). Report on the Scientific and Technological Aspects of the 'Torrey Canyon' Disaster. H.M. Stationery Office, 48 pp.

DEVON TRUST FOR NATURE CONSERVATION (1967). Conservation and the 'Torrey Canyon'. *Suppl. Jl Devon Trust Nature Conserv.*, July 1967. 72 pp.

DREW, A., FORSTER, G. R., GAGE, J., HARWOOD, G. E., LARKUM, A. W. D., LYTHGOE, J. N., POTTS, G. W. & VINCE, M. (1967). 'Torrey Canyon' Report. *Underwater Association Report 1966-67*, edited by J. N. Lythgoe and J. D. Woods. P. G. W. Industrial and Research Promotions Ltd., pp. 53-60.

HOLME, N. A. (1968). [Pollution de la côte du Cornouaille par la mazout du 'Torrey Canyon'.] *Penn Bed.* (in the Press).

MELLANBY, K. (1967). *Pesticides and Pollution*. London: Collins. (New Naturalist Series.) 221 pp.

PILPEL, N. (1954). Oil pollution of the sea. *Research* **7**, 301-6.

The scientific names of the plants and animals mentioned in the text are those used in:

MARINE BIOLOGICAL ASSOCIATION U.K. (1957). *Plymouth Marine Fauna*, 3rd edition. Plymouth, xliii, 457 pp.

PARKE, M. & DIXON, P. S. (1964). A revised check-list of British marine Algae. *J. mar. biol. Ass. U.K.* **44**, 499-542.

Descriptions and illustrations of many of the organisms may be found in one or more of the following works:

BARRETT, J. G. & YONGE, C. M. (1958). *Collins Pocket Guide to the Sea Shore*. London: Collins. 272 pp. (For descriptions of the common plants and animals on British coasts. Illustrations of many species.)

DICKINSON, C. I. (1963). *British Seaweeds*. London: Eyre and Spottiswoode. (Kew Series.) 232 pp.

HAAS, W. DE & KNORR, F. (1966). *The Young Specialist Looks at Marine Life*. London: Burke. 356 pp. (Good illustrations of both shore and offshore organisms.)

HARDY, A. C. (1956). *The Open Sea: Its Natural History: Pt. I: The World of Plankton*. London: Collins. (New Naturalist Series.) 335 pp. (Contains illustrations of many planktonic organisms.)

WILSON, D. P. (1935). *Life of the Shore and Shallow Sea*. London: Ivor Nicholson and Watson. 150 pp. (Contains photographs of many shore species, many taken at Trevone (see Chapter 4).)

YONGE, C. M. (1949). *The Sea Shore*. London: Collins. (New Naturalist Series.) 311 pp. (General descriptions and illustrations of shore species.)

If further details are required the bibliographies in the above list of references should be consulted.

REFERENCES

Chapter 1

NELSON-SMITH, A. (1968). The effects of oil pollution and emulsifier cleansing upon shore life in south-west Britain. *J. appl. Ecol.* (in the Press).

Chapter 2

ADAM, N. K. (1936). *The Pollution of the Sea and Shore by Oil: A Report Submitted to the Council of the Royal Society*. London: Royal Society. 27 pp.

GERADE, H. W. & SKIBA, P. (1960). A colorimetric method for the determination of kerosene in blood. *Clin. Chem.* **6**, 327-31.

ORTON, J. H. (1925). Effects on marine organisms of oils discharged at sea. *Nature, Lond.* **115**, 910-11.

ZOBELL, C. E. (1964). The occurrence, effects, and fate of oil polluting the sea. *Proc. Int. Conf. Wat. Poll. Res.* 1962 (Pergamon Press, 1964), pp. 85-118. (*Contr. Scripps Instn Oceanogr.* **34** (1964), 1257-83.)

Chapter 3

SOUTHWARD, A. J. (1962). The distribution of some plankton animals in the English Channel and approaches. II. Surveys with the Gulf III high-speed sampler, 1958-60. *J. mar. biol. Ass. U.K.* **42**, 275-375.

Chapter 4

CRISP, D. J. & SOUTHWARD, A. J. (1958). The distribution of intertidal organisms along the coasts of the English Channel. *J. mar. biol. Ass. U.K.* **37**, 157-208.

FISCHER-PIETTE, E. (1936). Etudes sur la biogéographie intercotidale des deux rives de la Manche. *J. Linn. Soc. (Zool.)* **40**, 181-272.

GEORGE, H. (1961). Oil pollution of marine organisms. *Nature, Lond.* **192**, 1209.

MONTEROSSO, B. (1930). Studi cirripedologici. VI. Sul comportamento di *Chthamalus stellatus* in diverse condizioni sperimentali. *Atti Accad. naz. Lincei Rc.* **9**, 501-5.

MOORE, H. B. (1936). The biology of *Purpura lapillus*. I. Shell variation in relation to environment. *J. mar. biol. Ass. U.K.* **21**, 61-89.

MOORE, H. B. & KITCHING, J. A. (1939). The biology of *Chthamalus stellatus* (Poli). *J. mar. biol. Ass. U.K.* **23**, 521-41.

NORTH, W. J., NEUSHUL, H. & CLENDENNING, K. A. (1965). Successive biological changes observed in a marine cove exposed to a large spillage of mineral oil. *Symp. Commn int. Explor. scient. Mer Méditerr.*, Monaco, 1964, pp. 335-54.

O'SULLIVAN, A. J. & RICHARDSON, A. J. (1967). The 'Torrey Canyon' disaster and intertidal marine life. *Nature, Lond.* **214**, 448, 541.

SOUTHWARD, A. J. (1964). Limpet grazing and the control of vegetation on rocky shores. In *Grazing in Terrestrial and Marine Environments*. Brit. Ecol. Soc. Symp. no. 4 (edited by D. J. Crisp), pp. 265-73.

SOUTHWARD, A. J. (1967). Recent changes in abundance of intertidal barnacles in south-west England: a possible effect of climatic deterioration. *J. mar. biol. Ass. U.K.* **47**, 81-95.

- SOUTHWARD, A. J. & CRISP, D. J. (1954). Recent changes in the distribution of the intertidal barnacles *Chthamalus stellatus* Poli and *Balanus balanoides* L. in the British Isles. *J. Anim. Ecol.* **23**, 163-77.
- SOUTHWARD, A. J. & CRIPS, D. J. (1956). Fluctuations in the distribution and abundance of intertidal barnacles. *J. mar. biol. Ass. U.K.* **35**, 211-29.

Chapter 5

- BRUCE, J. R. (1928). Physical factors on the sandy beach. II. Chemical changes—carbon dioxide concentration and sulphides. *J. mar. biol. Ass. U.K.* **15**, 553-65.
- CHAPMAN, G. (1949). The thixotropy and dilatancy of a marine soil. *J. mar. biol. Ass. U.K.* **28**, 123-40.
- DELAMARE DEBOUTTEVILLE, C. (1960). Biologie des eaux souterraines littorales et continentales. *Actual. scient. ind.* no. 1280. Univ. Paris, Lab. Arago. Paris: Hermann. 740 pp.
- GUNKEL, W. (1967). Experimentell-ökologische Untersuchungen über die limitierenden Faktoren der microbiellen Ölabbauens im Marinen Milieu. *Helgoländer wiss. Meeresunters.* **15**, 1-4, 210-95.

Chapter 6

- BELLAMY, D. J. and others (1967). Effects of pollution from the Torrey Canyon on littoral and sublittoral ecosystems. *Nature, Lond.* **216**, 1170-3.

Chapter 7

- ALJARINSKAYA, I. O. (1966). On the behaviour and ability to filter of the Black Sea mussel *Mytilus galloprovincialis* in oil polluted water. *Zool. Zh.* **45**, 998-1003.
- CORNER, E. D. S., SOUTHWARD, A. J. & SOUTHWARD, E. C. (1968). Toxicity of oil-spill removers ('detergents') to marine life. An assessment using the intertidal barnacle *Elminius modestus*. *J. mar. biol. Ass. U.K.* **48** (1).
- CORNER, E. D. S. & SPARROW, B. W. P. (1956). The modes of action of toxic agents. I. Observations on the poisoning of certain crustaceans by copper and mercury. *J. mar. biol. Ass. U.K.* **35**, 531-48.
- CRISP, D. J. & SOUTHWARD, A. J. (1961). Different types of cirral activity of barnacles. *Phil. Trans. R. Soc. B* **243**, 271-308.
- HOTCHKISS, R. D. (1946). The nature of the bactericidal action of surface active agents. *Ann. N.Y. Acad. Sci.* **46**, 479.
- JOHANNES, R. E. (1964). Phosphorus excretion and body size in marine animals: microzooplankton and nutrient regeneration. *Science, N.Y.* **146**, 923-4.
- KIDDER, G. W., DEWEY, V. C. & HEINRICH, M. R. (1954). The effect of non-ionic detergents on the growth of *Tetrahymena*. *Expl Cell Res.* **7**, 256.
- KNIGHT-JONES, E. W. (1955). The gregarious setting reaction of barnacles as a measure of systematic affinity. *Nature, Lond.* **175**, 266.
- MANWELL, C. & BAKER, C. M. A. (1967). A study of detergent pollution by molecular methods: starch gel electrophoresis of a variety of enzymes and other proteins. *J. mar. biol. Ass. U.K.* **47**, 659-75.
- MARCHETTI, R. (1965). Critical review of the effects of synthetic detergents on aquatic life. *Stud. Rev. gen. Fish. Coun. Mediterr.* **26**, 32 pp.
- MOYSE, J. (1963). A comparison of the value of various flagellates and diatoms as food for barnacle larvae. *J. Cons. perm. int. Explor. Mer* **28**, 175-87.
- WILSON, D. P. (1929). The larvae of the British sabellarians. *J. mar. biol. Ass. U.K.* **16**, 221-69.

Chapter 8

- HUGHES, P. (1956). A determination of the relation between wind and sea-surface drift. *Q. Jl R. met. Soc.* **82**, 494-502.
- TOMCZAK, G. (1964). Investigations with drift cards to determine the influence of the wind on surface currents. *Oceanographie* **10**, 129-39.

Chapter 9

- BERRY, B. H. (1953). Sea-water discoloration by living organisms. *N.Z. Jl Sci. Technol.* B **34**, 393-407.
- ROUNSEFELL, G. A. & NELSON, W. R. (1966). Red-tide research summarized to 1964 including an annotated bibliography. *Spec. scient. Rep. U.S. Fish Wildl. Serv.* (Fisheries), no. 535. 85 pp.