

VESSEL R R S Shackleton

CRUISE PERIOD 12 January 1977

PERSONNEL R M Warwick Senior Scientist
R Price
C George

ITINERARY Tuesday 11 January Travel to Barry, loaded, checked and tested gear.
Wednesday 12 " Sailed Barry 0800. Arrived at Station 51° 16'N 04.08W. (Off Ilfracombe) at 1220. Work completed 1445. Put ashore at Ilfracombe by local boat. Returned to Plymouth arriving 1930.

OBJECTIVES The completion of a regular sampling programme to measure the annual production of macrofauna at a Modiolus community.

PROCEDURE AND METHODS 16 Day Grab samples were taken, sieved at 0.5 mm, preserved in formalin; 2 Naturalists dredge hauls, preserved in formalin.

EQUIPMENT PERFORMANCE The Day Grab although functioning correctly failed to retrieve satisfactory samples on 6 occasions because of the mixed nature of the bottom. The dredge sample was most satisfactory.

RESULTS The cruise was purely for sample collection so that results must await future laboratory work.

PREPARED BY: R M Warwick
APPROVED BY: A R Longhurst
DATE: 14 January 1977.

CIRCULATION LIST - BRISTOL CHANNEL

Internal

Glover
Longhurst

Hamilton
Robinson
Fay

File
Notice Board - (Brown)

External

NERC

Foxton
Director STS - NERC - London

BRISTOL UNIVERSITY

Dineley
Eglinton

IOS

Mrs Edwards (BODS)
Cartwright (Bidston)
Charnock (Wormley)
Tucker (Taunton)

UNIVERSITY COLLEGE CARDIFF

Bellamy
Hammond

IGS

Moore

UWIST CARDIFF

Davies

MBA

Denton

UNIVERSITY COLLEGE SWANSEA

Banner
Knight-Jones
Nelson-Smith
Brooks
King

SMBA

Currie

MAFF

Lee
Cushing
Wood

UNIVERSITY COLLEGE LONDON

Morris

DAFS

Parrish

IMPERIAL COLLEGE OF SCIENCE & TECHNOLOGY

Webb

RVB

Stobie - (2)

UNIVERSITY OF LIVERPOOL

Abdullah

DOE

Garnett, London

WATER AUTHORITY

Welsh National
Severn-Trent
Wessex
South West

WRC

Eden, Stevenage

Welsh Office

Naylor Firth - (4)

ICI

Pearson