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Not to be cited without prior reference to the FRS Marine Laboratory, Aberdeen

FRV *Clupea*

Cruise 0205C

REPORT

17 February – 1 March 2005

PORTS

Loading: 15 February, Fraserburgh

Unloading: 1 March, Fraserburgh

Personnel

S Davis B2 (In-charge)

J Donald A4

Fishing Gear: Scallop Dredges

Cost to project: 13 days, M01T

Objectives

1. To carry out a survey of scallop stocks around Shetland.
2. To collect information on by-catches of other commercial fish and shellfish species.
3. To collect biological data on scallop growth rates.

Narrative

The scientific staff joined FRV *Clupea* at 0900 hours on 17 February and sailed from Fraserburgh at 1045. Sampling began NE of Sumburgh at 0830 on 18 February and continued around Shetland until the survey was completed at 1500 on 28 February. The vessel set sail for Fraserburgh at this time, arriving in port at 0700 on 1 March. Scientific staff returned to the laboratory with all equipment and samples.

Results

During the trip 93 dredge hauls were made and a total of 5667 scallops were caught. The position of each haul is shown on the map in Figure 1. Catch rates varied from a minimum of 0/hr to a maximum of 494/hr. The aggregate catch rates for each area, expressed in numbers per hour per metre width age, are shown in Figure 2. The individual graph headings in Figure 2 show the overall catch rate for each area. The length frequencies in numbers caught per half centimetre length category are shown in Figure 3. The numbers of each by-catch species caught is given in Table 1.

S Davis

27 July 2005

Circulation List: Cruise Programmes and Reports

CLUPEA VESSEL

Programmes - Mr J A Morrison for approval. Reports - Mr J A Morrison for approval.

Issue two copies of Record of Haul and Station Numbers pro-forma with Scientist-in-Charge's copy of *Scotia* and *Clupea* programmes.

Two xerox copies of track chart for reports to be sent to Dr L Rickards.

PROGRAMMES ONLY

Lab staff

~~Mr J T M Hunter~~
~~Mr T Reid~~
~~Mr P J Copland~~
~~Mr J Dunn~~
~~Mr A Beaton~~
~~J Petrie~~
~~Security~~

Non-lab staff

~~Island Cmdr Faroes (Faroes only)~~
~~Flag Officer, Denmark (Danish part of N Sea only)~~
~~Coastguard~~
~~G Lees~~

PROGRAMMES AND REPORTS

Lab staff

Mr J A Morrison
Capt R Denholm
Mr R S T Ferro) Fish Man team
Mr C Hall) progs only
Dr R M Stagg
Dr C Moffat
Mr M R Heath
Mr A Macdonald
D Lichtman (+ additional copy of track chart
of reports only)
Mrs E Morrison
CO/OIC of Vessel (*Scotia*) (to be faxed)
Library (2)
File

Non-lab staff

~~Library, Danmarks Fisk (reports only)~~
~~Mr J Mortensen (Faroes only)~~
~~Mr A Souplet (Fishing Cruises only)~~
~~Dr S Ehrich (Entering German Waters) (reports only)~~

W J McCurdy, Belfast
Technical Director, SFIA (J E Tumilty)
Dr L Rickards
Dr I Joint
Director – Havfor Inst, Norway
Dr S Ehrich
Monsieur le Chef du dépt, Nantes
Mr J C Brabant
Mrs van Duyvenvoorde
Dr J G Gordon
G Kane
R de Clerck
Mr B Stewart
Capt J Cannan (*Scotia* and *Clupea* only)
Controller Coastal Ops - A Stewart
Dr P Grieg-Smith
Mr H C Boyar
Dr R J A Atkinson
Mr H i Jákupsstovu
Mr C Bullimore (To be faxed: 01923 846392)

Laboratory Personnel on Vessel

S Davis
J Donald

Fishery Officers at

Fraserburgh