

L. Khalil

Not to be quoted without reference to the writer

R. V. CLIONE

Report of Cruise 3/68

Staff:- A. C. Burd
G. Howlett
T. Boon
J. Holloway
Dr. L. Khalil (Commonwealth Bureau of Helminthology)
Capt. Krijgsman (Ijmuiden)

Duration: 2-12 March 1968

Aims:-

1. To make a survey for young herring as part of the ICES programme.
2. To examine herring and other species for parasites.
3. To take samples of sprat and mackerel for blood samples.

Narrative

CLIONE was unable to sail as per programme owing to the unavailability of the dry dock. Eventually the cruise commenced 8 days late, the ship sailing at 2200 hours GMT on March 2.

Fishing commenced near the Norfolk Banks next morning and in the evening Capt. Krijgsman was picked up from the pilot cutter at Ijmuiden. Capt. Krijgsman is the master of the new Dutch research vessel.

Next day the ship worked near the White Bank where a number of hauls were made, during which alterations were made to the Dutch herring trawl.

The survey was completed on March 10, having lost one day's work on March 6 in force 10 winds. A maximum wave height of 47 feet was recorded on the ship-borne wave recorder during the gale. The ship entered Ijmuiden late on March 10 to land Capt. Krijgsman and to enable us to collect a high-speed tow-net from the Laboratory.

CLIONE docked at Lowestoft on March 12 at 0830 GMT.

Results

1. The survey allocated to CLIONE was successfully accomplished.
2. The young herring were far more abundant than during a similar cruise in 1967.
3. South of the White Bank the young herring were feeding voraciously on plaice eggs in late stages of development.
4. A comparison was made between the parasite infestation rate of herring and sprats taken in the same hauls.
5. Observations of surface and bottom temperature and salinity were made at each station.
6. A strong year-class of young haddock was found over the North Sea.

A. C. Burd
28/3/68

Seen in draft: TAS

Initialled: HAC

Distribution

Basic list, plus the following:-

A. C. Burd
G. Howlett

T. Boon
J. Holloway

Dr. L. Khalil
Capt. Krijgsman