

The Marine Fauna of the Cullercoats District

3c

CHAETOGNATHA

by

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Phylum CHAETOGNATHA Leuckart

Sagitta elegans VERRILL

Fraser 1952, p. 7, pl. 1, figs. 1A, 1B : 1957, pp. 3 & 4, fig. 2.

Records are available for most years from 1921 to the present time, but they refer chiefly to collections made between April and October. Generally present and common at all depths ; more numerous on the whole in the easterly and northern areas of the region (Bainbridge 1963, Burton & Meek 1932, Fraser 1937, 1952, 1965, Marshall 1948, Meek 1923, 1924, 1928, Wimpenny 1937) : Also taken in plankton samples in estuaries of R. Tyne (Meek 1923), R. Coquet (Jorgensen 1924), and R. Tees (Alexander et al 1935).

BREEDING—Large mature males, entering or completing female phase, or spent, appear in spring and autumn (Meek 1928, Wimpenny 1937).

Sagitta setosa J. MÜLLER

Fraser 1952, p. 7, pl. 1, figs. 2A, 2B : 1957, pp. 3 & 4, fig. 1.

Records are available as for *S. elegans* (same references). Since 1921 has been generally common at all depths throughout the area but less so than *S. elegans* : Also taken in estuary of R. Tees (Alexander et al 1935).

BREEDING—April, July ; planktonic ova maxima May and August (Wimpenny 1937).

Spadella cephaloptera BUSCH

Fraser 1957, p. 4, fig. 18.

1, plankton net hanging in current, Inner Farnes, 23 Jun. 1904 (Meek 1904).

1, with hand net, rock pool, N. of Cullercoats bay 6 Feb. 1935 (H.O.B.) ;

1, in bottom sledge-net, 5 fms., Blyth bay 13 Jun. 1950 ; 1, 14 fms., Cambois bay 5 Jun. 1950 ; 1, 25 Apr. 1952 at same place (J.B.).

INITIALS

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CHAETOGNATHA

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