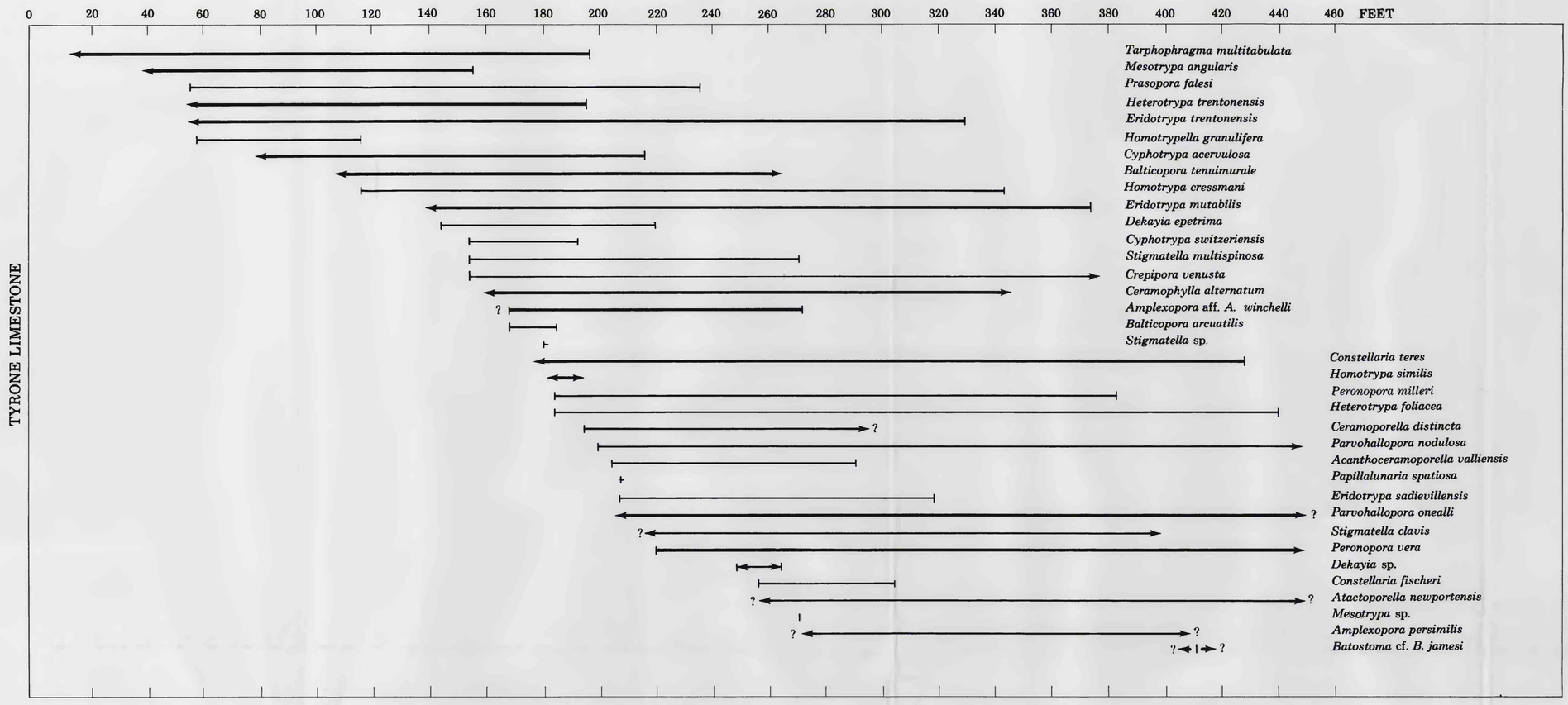
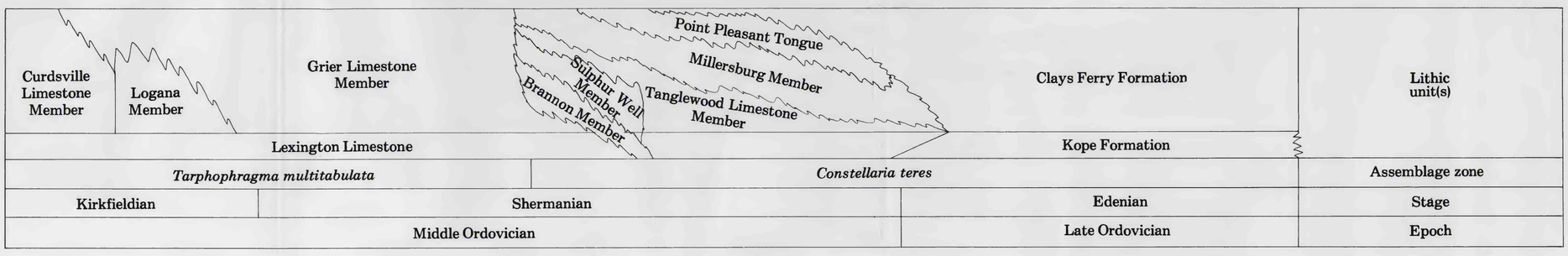
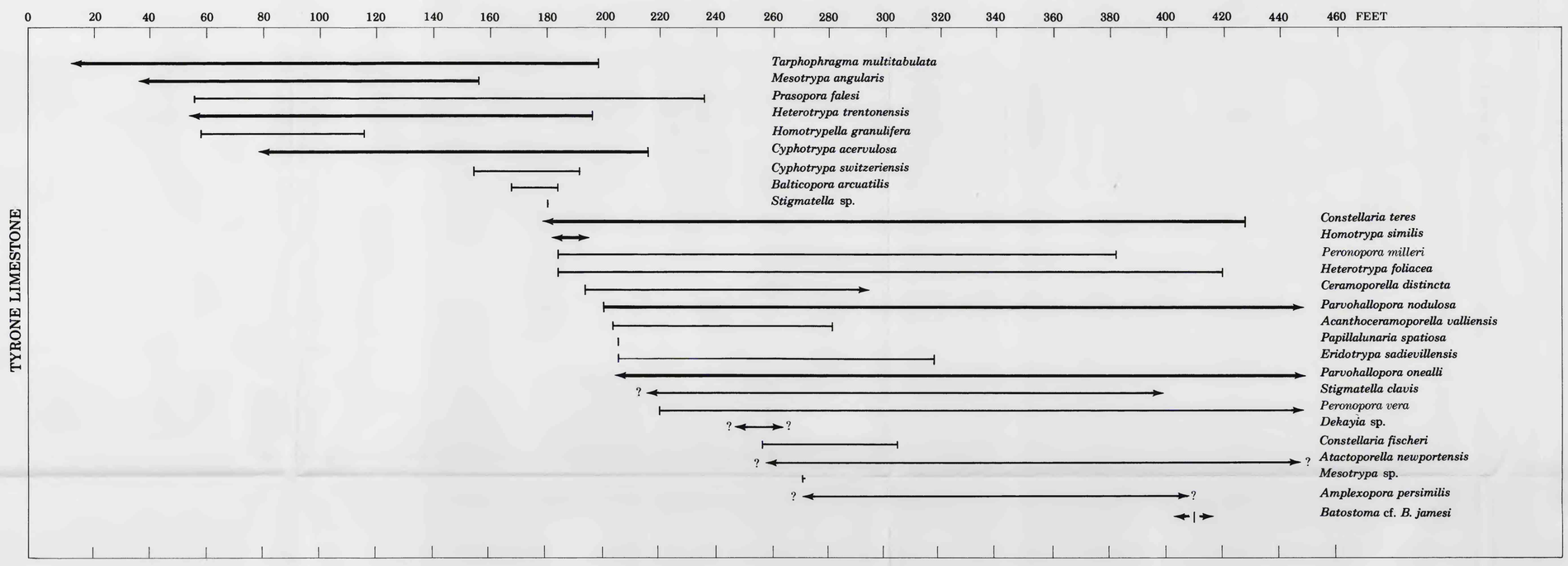
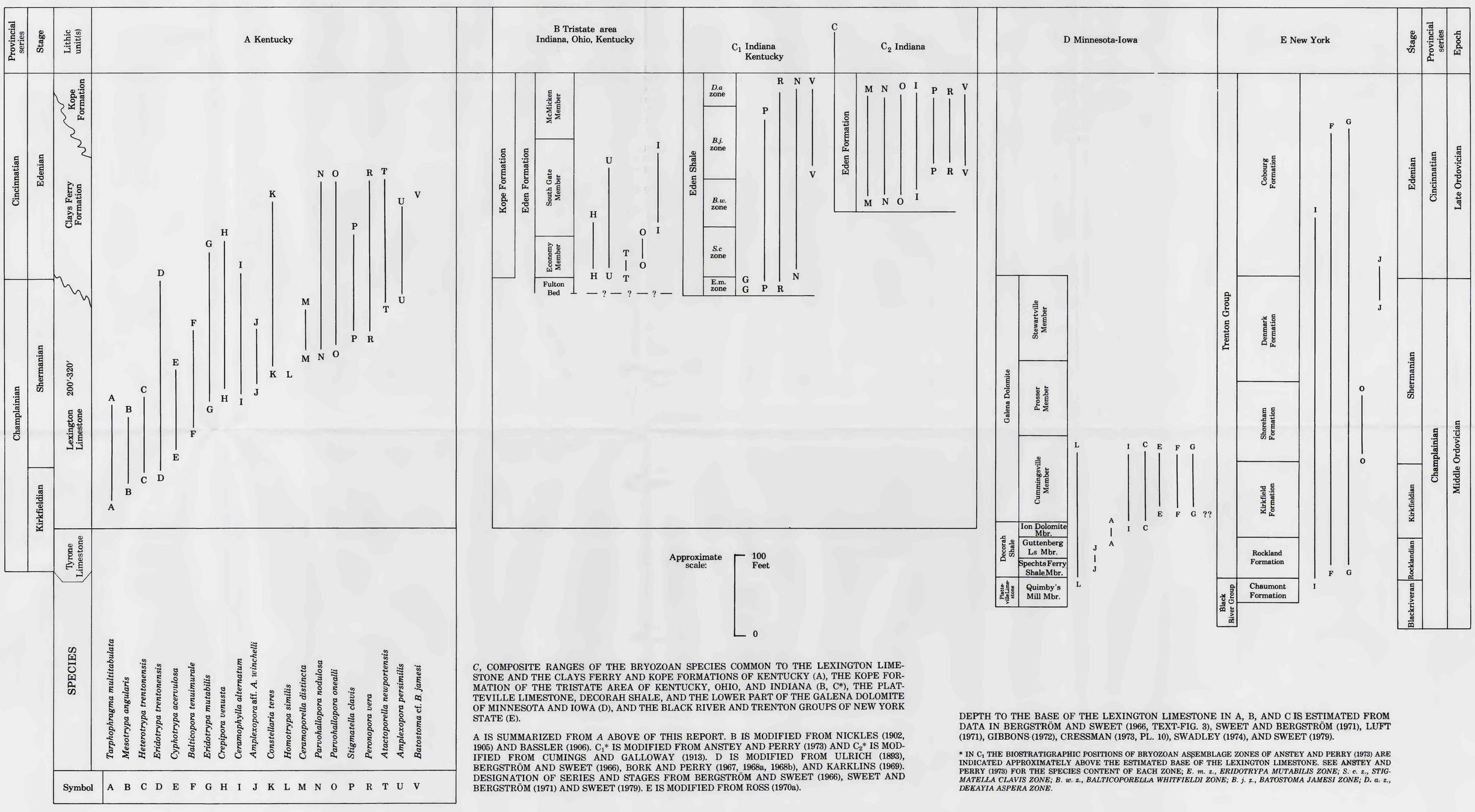


A, COMPOSITE RANGES OF THE BRYOZOAN SPECIES IN THE COMPOSITE SECTION OF THE LEXINGTON LIMESTONE AND THE CLAYS FERRY AND KOPE FORMATIONS FOR KENTUCKY. LIGHT LINES INDICATE THE RANGES OF THE SPECIES ENDEMIC TO THE TRISTATE AREA OF KENTUCKY, OHIO, AND INDIANA. HEAVY LINES INDICATE THE RANGES OF THE IMMIGRANT SPECIES.





B, COMPOSITE RANGES OF THE CHARACTERISTIC BRYOZOAN SPECIES OF THE *TARPHOPHRAGMA MULTITABULATA* AND *CONSTELLARIA TERES* ASSEMBLAGE ZONES IN THE COMPOSITE SECTION OF THE LEXINGTON LIMESTONE AND THE CLAYS FERRY AND KOPE FORMATIONS FOR KENTUCKY.



C, COMPOSITE RANGES OF THE BRYOZOAN SPECIES COMMON TO THE LEXINGTON LIMESTONE AND THE CLAYS FERRY AND KOPE FORMATIONS OF KENTUCKY (A), THE KOPE FORMATION OF THE TRISTATE AREA OF KENTUCKY, OHIO, AND INDIANA (B, C*), THE PLATTEVILLE LIMESTONE, DECORAH SHALE, AND THE LOWER PART OF THE GALENA DOLOMITE OF MINNESOTA AND IOWA (D), AND THE BLACK RIVER AND TRENTON GROUPS OF NEW YORK STATE (E).

A IS SUMMARIZED FROM *A* ABOVE OF THIS REPORT. B IS MODIFIED FROM NICKLES (1902, 1905) AND BASSLER (1906). C_1* IS MODIFIED FROM ANSTEY AND PERRY (1973) AND C_2* IS MODIFIED FROM CUMINGS AND GALLOWAY (1913). D IS MODIFIED FROM ULRICH (1893), BERGSTRÖM AND SWEET (1966), BORK AND PERRY (1967, 1968a, 1968b), AND KARKLINS (1969). DESIGNATION OF SERIES AND STAGES FROM BERGSTRÖM AND SWEET (1966), SWEET AND BERGSTRÖM (1971) AND SWEET (1979). E IS MODIFIED FROM ROSS (1970a).

DEPTH TO THE BASE OF THE LEXINGTON LIMESTONE IN A, B, AND C IS ESTIMATED FROM DATA IN BERGSTRÖM AND SWEET (1966, TEXT-FIG. 3), SWEET AND BERGSTRÖM (1971), LUFT (1971), GIBBONS (1972), CRESSMAN (1973, PL. 10), SWADLEY (1974), AND SWEET (1979).

* IN C_1 THE BIOSTRATIGRAPHIC POSITIONS OF BRYOZOAN ASSEMBLAGE ZONES OF ANSTEY AND PERRY (1973) ARE INDICATED APPROXIMATELY ABOVE THE ESTIMATED BASE OF THE LEXINGTON LIMESTONE. SEE ANSTEY AND PERRY (1973) FOR THE SPECIES CONTENT OF EACH ZONE; *E. m. z.*, *ERIDOTRYPA MUTABILIS ZONE*; *S. c. z.*, *STIGMATELLA CLAVIS ZONE*; *B. w. z.*, *BALTICOPORELLA WHITFIELDI ZONE*; *B. j. z.*, *BATOSTOMA JAMESI ZONE*; *D. a. z.*, *DEKAYIA ASPERA ZONE*.

CHARTS SHOWING COMPOSITE RANGES OF BRYOZOAN SPECIES