



**CHART SHOWING DISTRIBUTION AND TEMPERATURE SIGNIFICANCE OF THE DIATOMS IN THE CORES.**

Each core is represented by a column whose length is indicated by the meter scale below column 8. The samples are indicated by patterned rectangles. At the right of each rectangle is the sample number, and at the left is a letter indicating the relative abundance of the diatoms: R, rare; F, frequent; C, common; and A, abundant. The mean temperature facies indicated by the diatom flora of each sample is indicated by the position of a dot within the sample rectangle. The distance of the dot from the center line of the column is a measure of the warmth or coldness of the diatom environment indicated by the assemblage of diatoms in the sample. As a visual aid, these dots in the rectangles are connected by dotted lines.