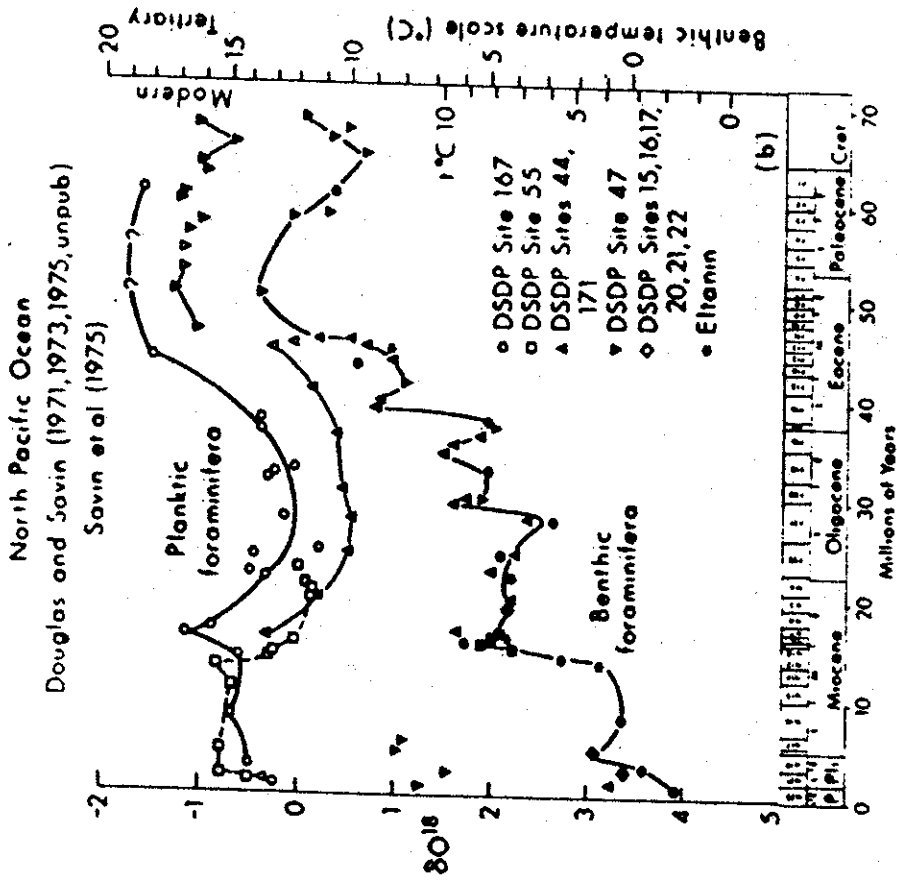
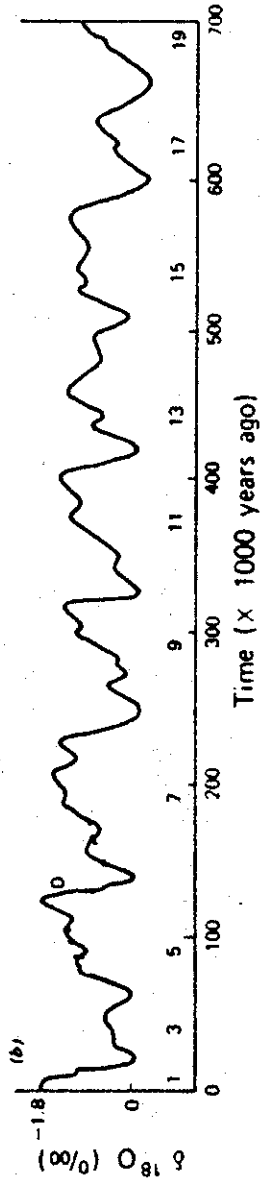


Figure 1b Isotopic paleotemperature data for Tertiary planktic foraminifera (open symbols) and benthic foraminifera (closed symbols) primarily from the North Pacific, from Douglas & Savin (1971, 1973, 1975, and unpublished) and Savin, Douglas & Siehli (1975). A few points are from the South Atlantic and South Pacific. The curve through the benthic data was drawn to best fit the points from all the sites. The "Modern" and "Tertiary" benthic temperature scales were calculated assuming water  $\delta^{18}\text{O}$  values of -6.08 per mil and -1.00 per mil respectively. To estimate isotopic temperatures of planktic foraminifera add approximately 2.5°C to appropriate benthic temperature scale.



Warmer / Less Glacial Ice

Colder / More Glacial Ice



(b) Generalized paleotemperature curve and time scales (D and E) of Emiliani and Shackleton (1974). (Reproduced from Figures 1 and 4 of Emiliani, C. and N. J. Shackleton, Science, vol. 183, No. 4124, 511-514, 1974. Copyright 1974 by the American Association for the Advancement of Science by permission of A.A.S.S.)