

GEOLOGY AND GEOGRAPHY

Chairman: W. N. MELHORN, Purdue University
ROBERT DRUMMOND, Indiana State University, was elected Chairman
for 1970

ABSTRACTS

Faunal Assemblage Study of the Maryland Miocene. C. TOM STATTON, Hanover College.—The location is approximately eight miles north of the mouth of the Patuxent River on the shore of the Chesapeake Bay. The area is known as the coastal plain, and the study was that of the faunal assemblages of the Miocene deposits. Emergence and submergence of the coastal plain eastward of the fall line are recorded by subsequent advances and retreating of the Miocene seas. The three Miocene seas under study resulted in the Calvert, Choptank, and St. Mary's Formations. Included in this study are faunal lists, block counts, and measured sections of these sediments. Determination of the boundaries of the Miocene deposits are either shown in measured section or described as to the nature of the boundary, and should be readily apparent. The zonation of the Miocene sediments is rather arbitrary, based upon interpretive analysis of the earlier zonation set forth by Shattuck in 1904. Following the presentation of field exploration, some interpretive data dealing with ecology and climatology are presented. This is an attempt at conclusion analysis of data.

Urbanization in Asia. AKHTAR HUSAIN SIDDIQI, Indiana State University.—The study brings out the comparative degree of urbanization among the Asian countries. Briefly reviewing the historical background of urbanization in Asia, in the light of the economic growth of the Asian countries, the current (1950-60) structure of the urban population was discussed. Finally, with the help of the component analysis, an attempt was made to measure the levels of urbanization in Asia.

OTHER PAPER READ

Fact and Fancy. MARY E. CEDARS, Roosevelt High School, Kokomo, Indiana.