

EXPLANATION

DEPOSITS ON PLATFORM



Limestone
Stippled where phosphatic

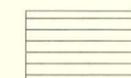


Dolomite



Shale and argillaceous limestone

DEPOSITS IN MIOGEOCLINE



Flysch



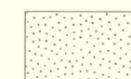
Shallow-water sand and silt

DEPOSITS IN LEPTOGEOCLINE
(King, 1969, p. 85)



Chert and shale

DEPOSITS IN EUGEOCLINE



Shale, volcanic rocks, and chert

← Prevailing winds

←← Ocean currents

DIRECTION OF SEDIMENT TRANSPORT

← Turbidity currents

←| Ripple marks

Note: Sources of data are given in text

MAP SHOWING PALEOGEOGRAPHY AND LITHOFACIES IN THE
EASTERN UNITED STATES DURING LEXINGTON TIME