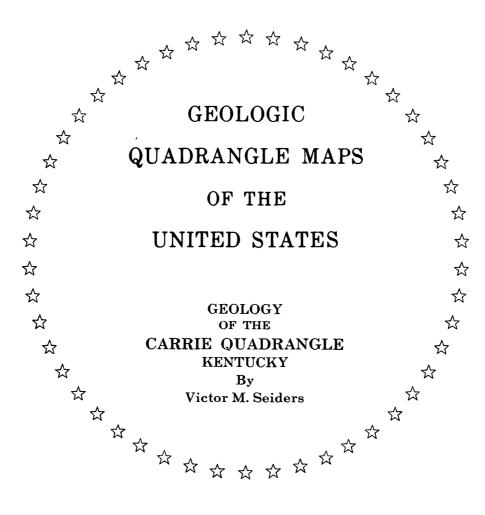
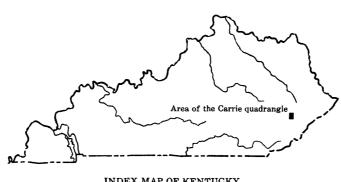
## DEPARTMENT OF THE INTERIOR UNITED STATES GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE COMMONWEALTH OF KENTUCKY UNIVERSITY OF KENTUCKY KENTUCKY GEOLOGICAL SURVEY WALLACE W. HAGAN, DIRECTOR AND STATE GEOLOGIST





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