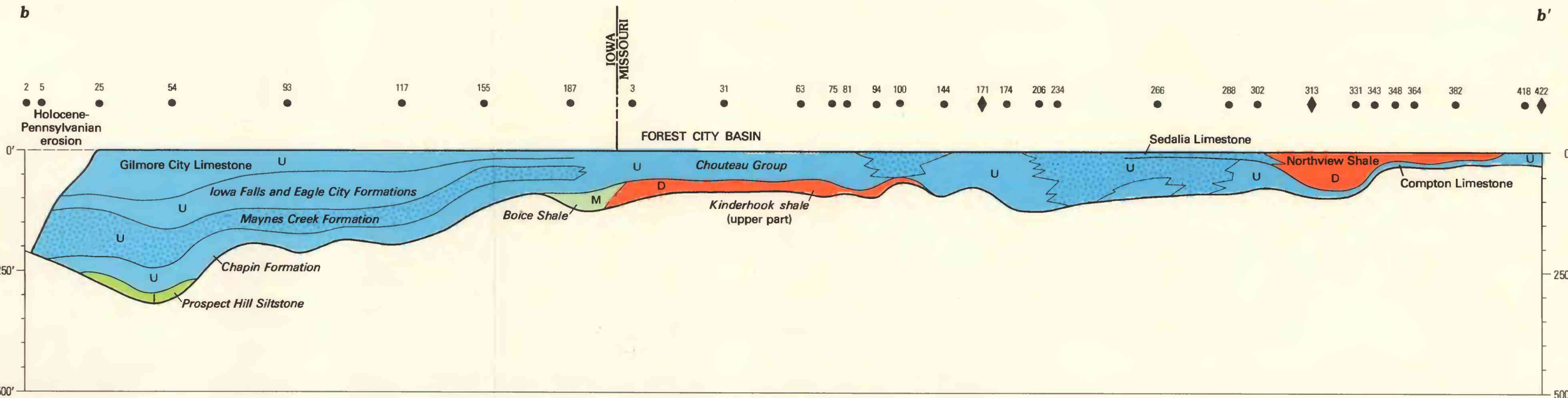
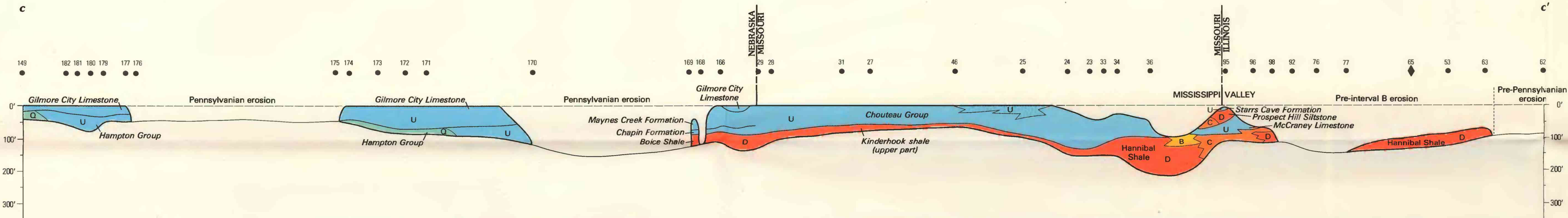


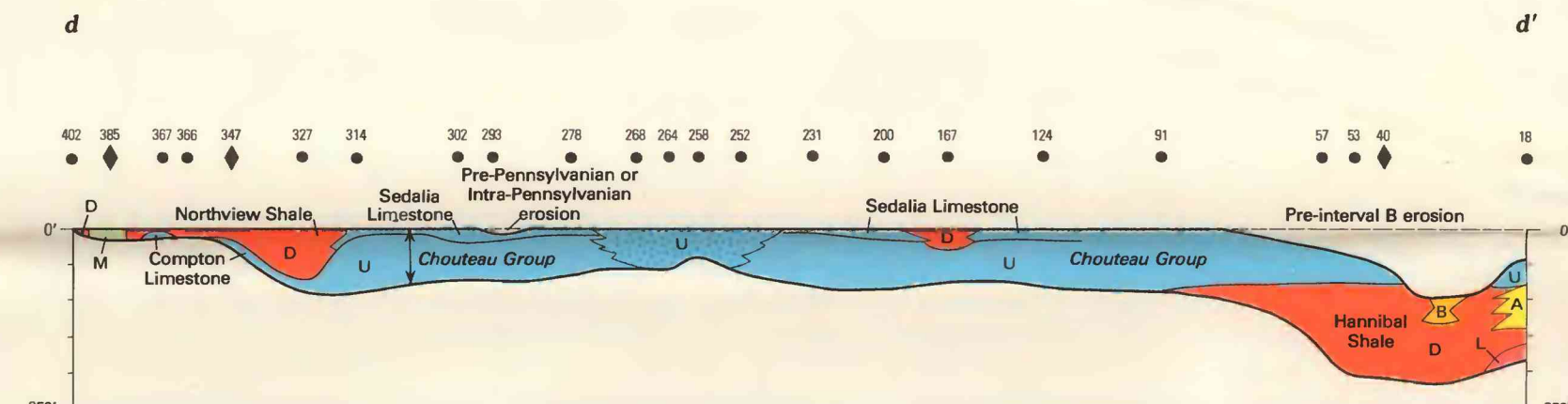
a-a', NEBRASKA—IOWA—ILLINOIS—INDIANA—KENTUCKY—TENNESSEE



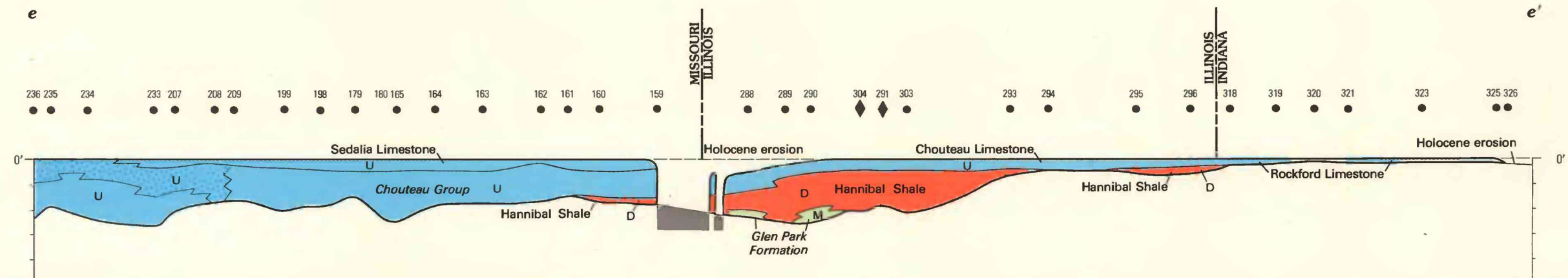
b-b', IOWA—MISSOURI



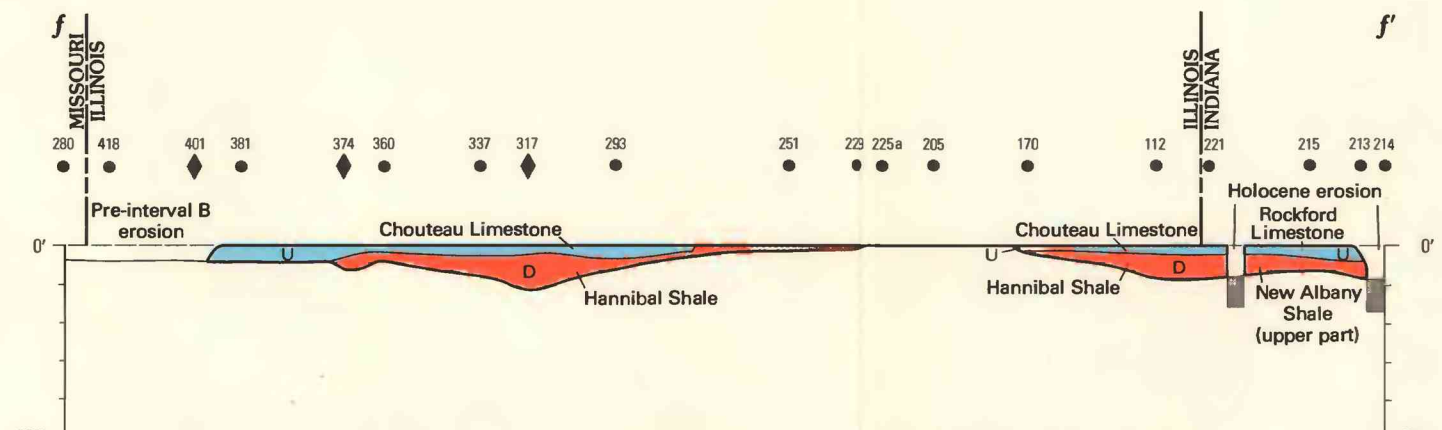
c-c', NEBRASKA—MISSOURI—ILLINOIS



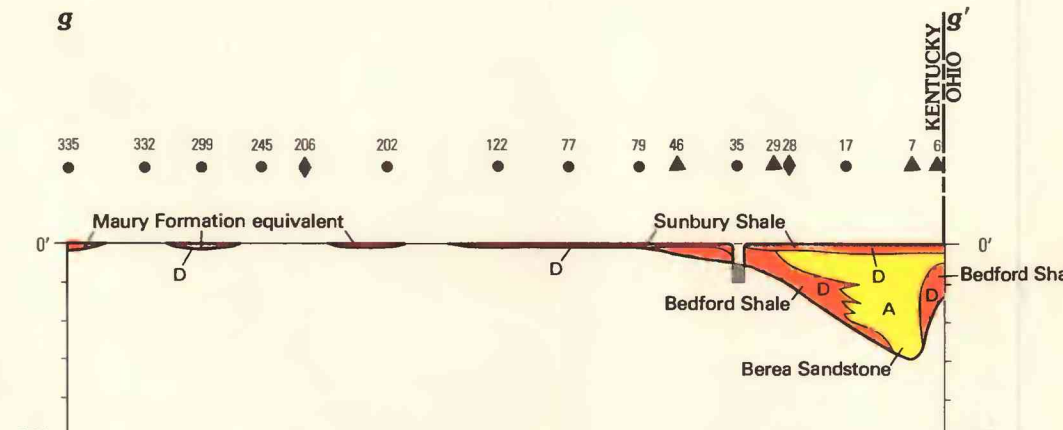
d-d', MISSOURI



e-e', MISSOURI—ILLINOIS—INDIANA



f-f', MISSOURI—ILLINOIS—INDIANA

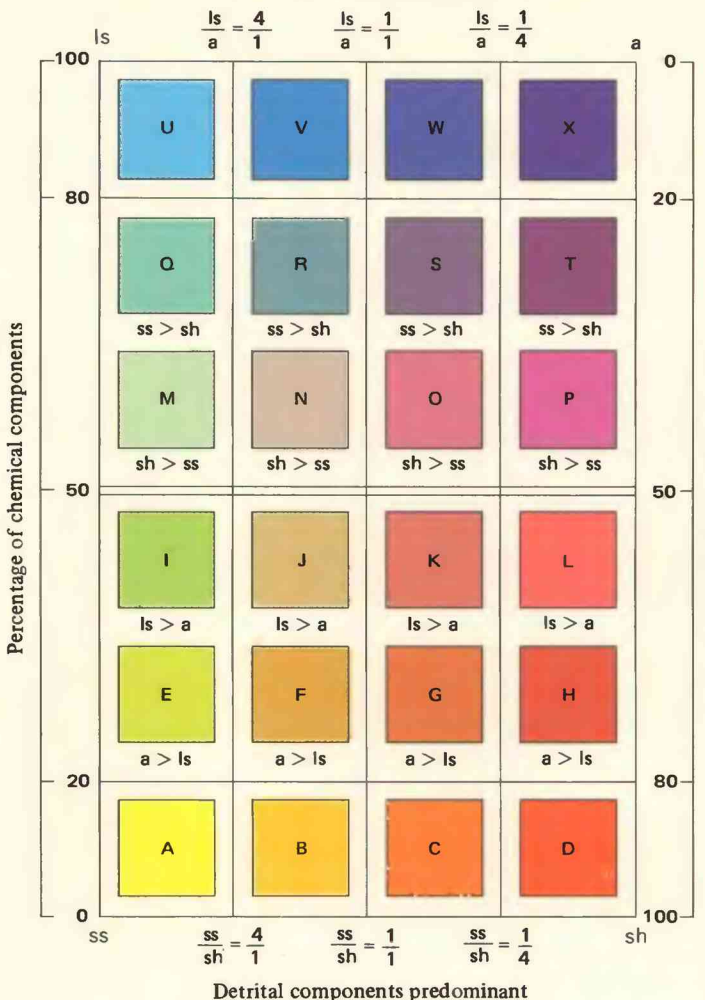


g-g', KENTUCKY

EXPLANATION

- Localities**
- ▲ Outcrop section
 - Well section
 - Numbers correspond to those in "Index to Localities and Sources" in text
 - ◆ Composite section constructed from wells, outcrops, or both, less than 5 miles apart
 - Numbers correspond to those in "Index to Localities and Sources" in text
 - Generalized section constructed from scattered data in the surrounding area
 - Numbers correspond to those in "Index to Localities and Sources" in text
- Patterned areas**
- Area where rocks older than Mississippian are exposed
 - Area in which Mississippian rocks, if ever present, have been masked or destroyed by younger igneous intrusions, metamorphism, or complex structural deformation
 - Area in which Mississippian rocks, if ever present, have not been penetrated by drill and may or may not be present
 - Lithofacies undetermined
 - Area where mapped interval contains greater than ten percent chert

Chemical components predominant



NOTES

This is a standardized explanation for all Mississippian cross sections; some lithofacies or other symbols may not appear on this plate.

Lines of cross sections are shown on plates 3 A and 3B.

Cross section datums represent actual or estimated surfaces of deposition at end of Mississippian time.

All stratigraphic names except those that are italicized are in current usage by the U.S. Geological Survey. Names which have been incorrectly applied to a stratigraphic unit are included within quotation marks.

SECTIONS THROUGH ROCKS OF INTERVAL A OF MISSISSIPPIAN SYSTEM

