

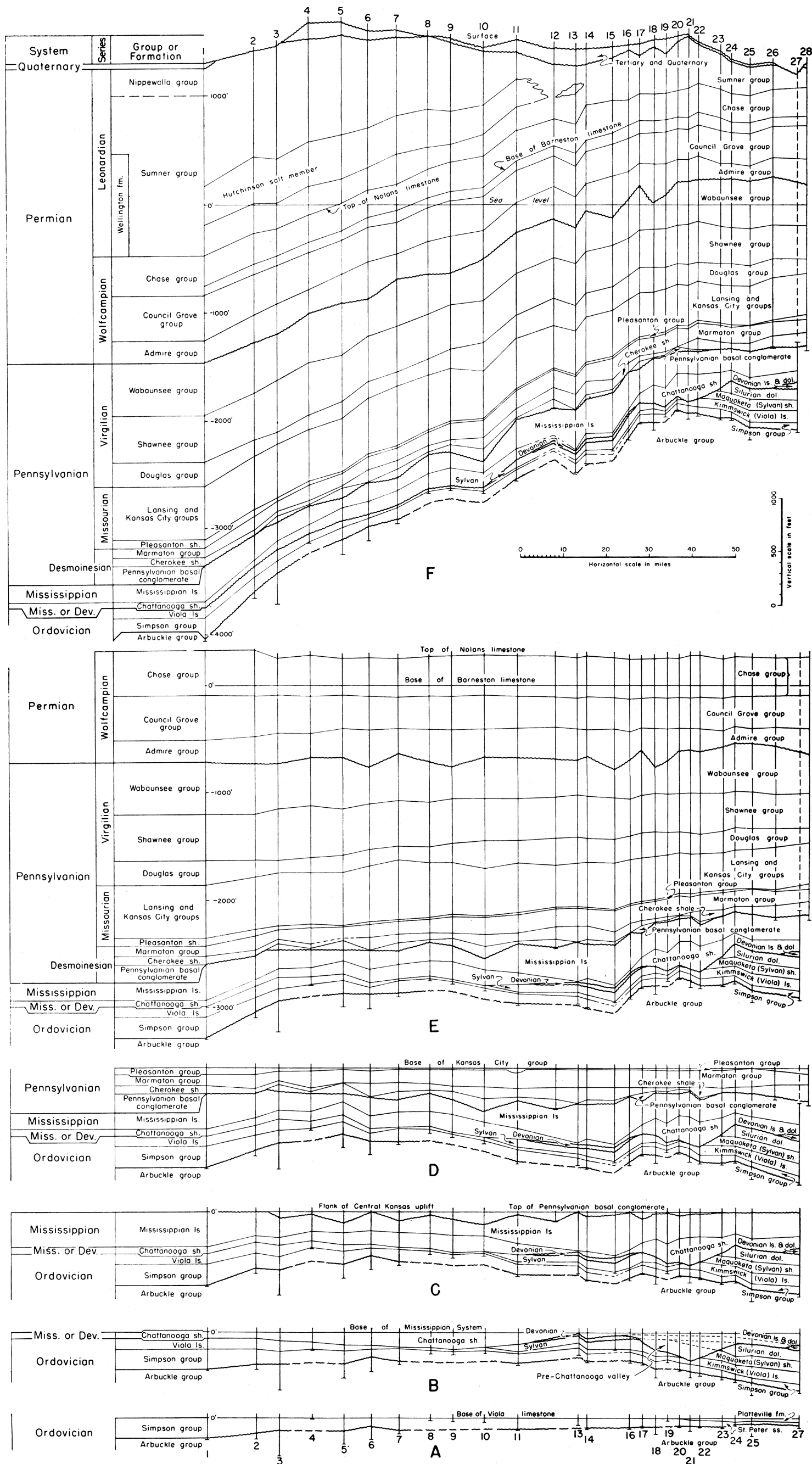


FIG. 3.—Skeletonized cross sections on the line of the large cross section showing the development of structure by correlation of logs on successive beveled or depositional surfaces. A shows the attitude of the older rocks at the end of Simpson time. B shows the attitude of the Chattanooga shale and older rocks before the deposition of the Mississippian limestones; the dashed lines show the relation of Devonian and Silurian rocks before the erosion of the pre-Chattanooga valley. C shows the attitude of the pre-Pennsylvanian rocks after post-Mississippian beveling. D shows the attitude of the older rocks at the beginning of Kansas City time. E shows the attitude of the rocks at the beginning of Barneston time. F shows the present attitude of the rocks.