

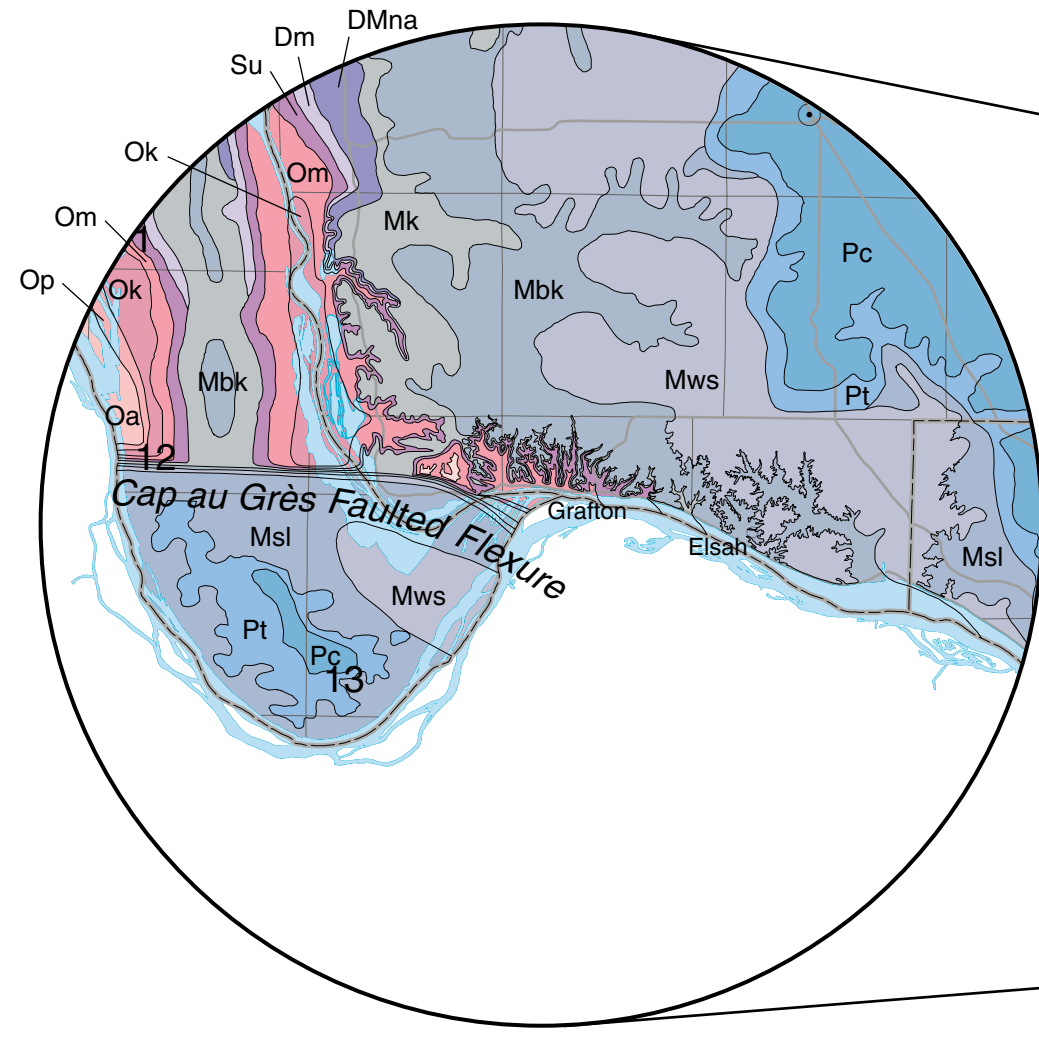
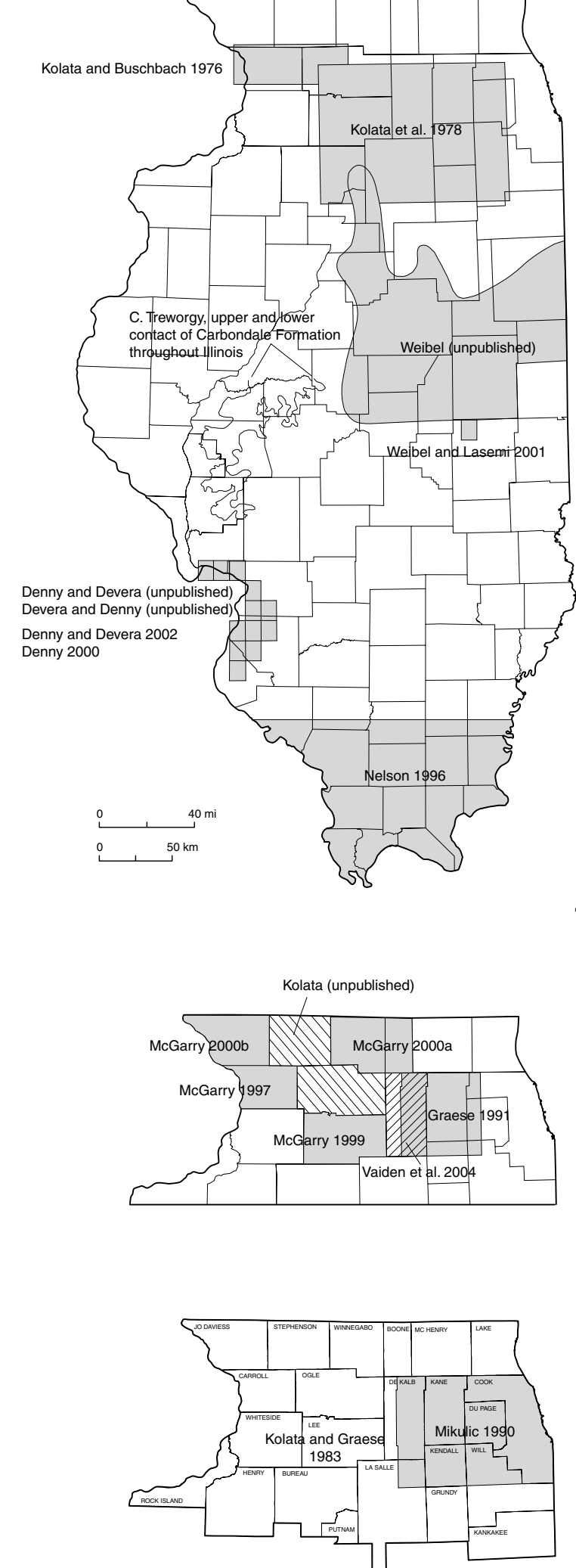
Bedrock Geology of Illinois

Compiled by Dennis R. Kolata

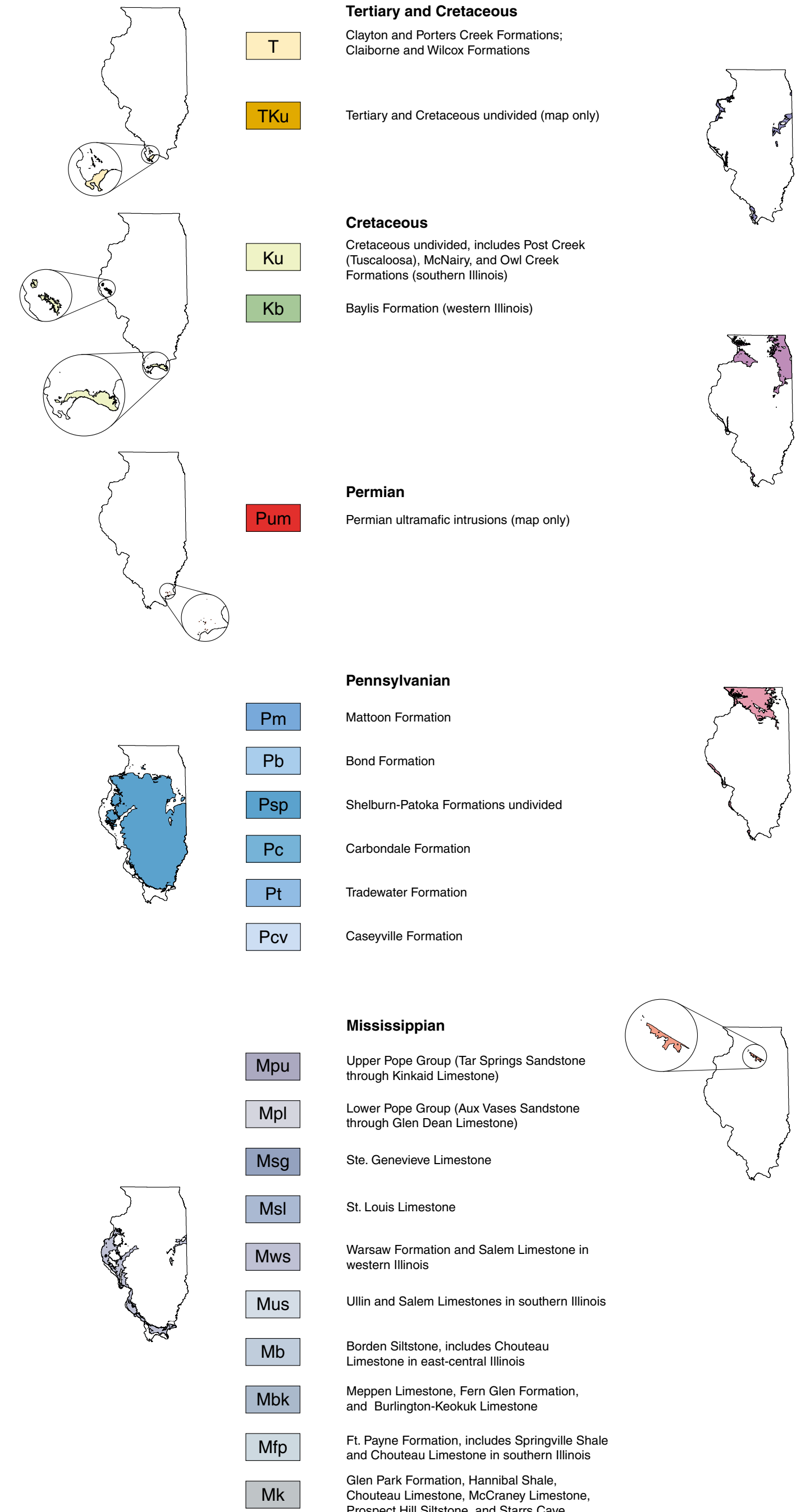
Contributions by F. Brett Denny, Joseph A. Devera, Ardit K. Hansel, Russell J. Jacobson, Zakaria Lasemi, Christopher S. McGarry, W. John Nelson, Rodney D. Norby, Colin G. Treworgy, and C. Pius Weibel
Cartography by Curtis C. Abert, Christopher S. McGarry, Scott Medlin, and Barbara J. Stiff

This map is a revision of the 1:500,000 *Geologic Map of Illinois* compiled by Willman et al. (1967). Earlier versions include maps by Weller (1912, 1917) and Weller et al. (1945, 1961). Included in this compilation are significant post-1967 revisions in southern Illinois (Nelson 1996), St. Louis Metro East (Denny and Devera, unpublished; Devera and Denny, unpublished), east-central Illinois (Weibel, personal communication, 2000; Weibel and Lasemi 2001), northern Illinois (Graese 1991; Kolata and Buschbach 1976; Kolata et al. 1978; Kolata and Graese 1983; McGarry 1997, 1999, 2000a, 2000b; Mikulic 1990; Vaiden et al. 2004), and in the statewide distribution of the Carbonate Formation (Colin G. Treworgy, personal communication, 2000). This map was compiled by digitizing all post-1967 revisions of the bedrock geology and merging those data with a digitized file of the Willman et al. (1967) map. As a result, the revised areas are based on scales ranging from 1:24,000 to 1:250,000. The map varies in accuracy with the degree of detail shown. The formation boundaries are generalized in those areas where the bedrock is covered by surficial deposits of clay, silt, sand, and gravel. The greatest detail is depicted in regions such as the northwestern and southern parts of the state where bedrock is exposed at or close to the land surface.

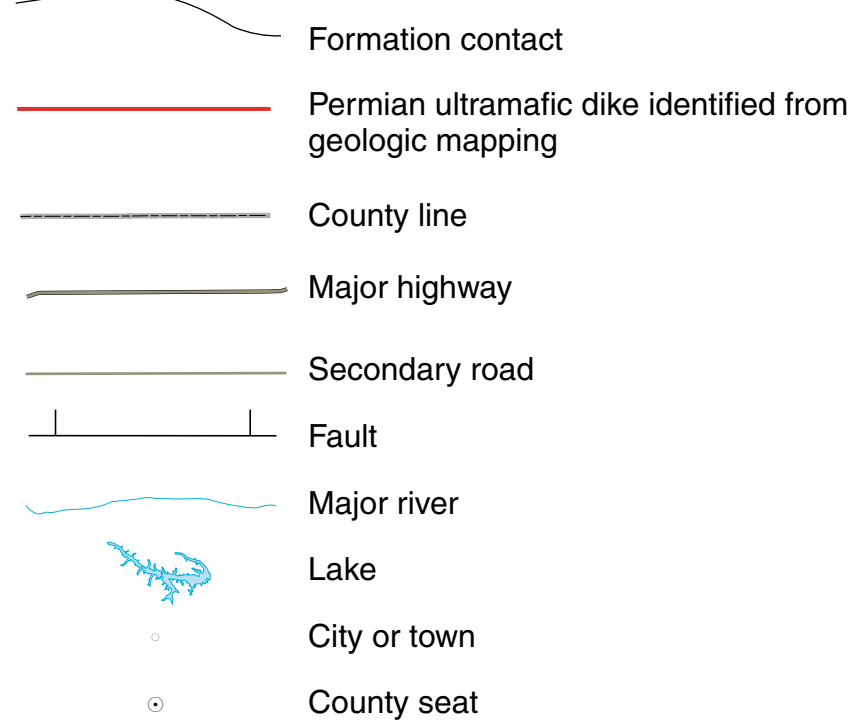
Areas Mapped since 1967



Legend



Explanation of Map Symbols



For more information contact:
Illinois State Geological Survey
A Division of Illinois Department of Natural Resources
615 East Peabody Drive
Champaign, Illinois 61820-6964
(217) 333-4742
<http://www.isgs.uiuc.edu>



This printed using funds donated by the Illinois Association of Aggregate Producers.

