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Stratigraphic Chart of the Waubensee Group in Nebraska

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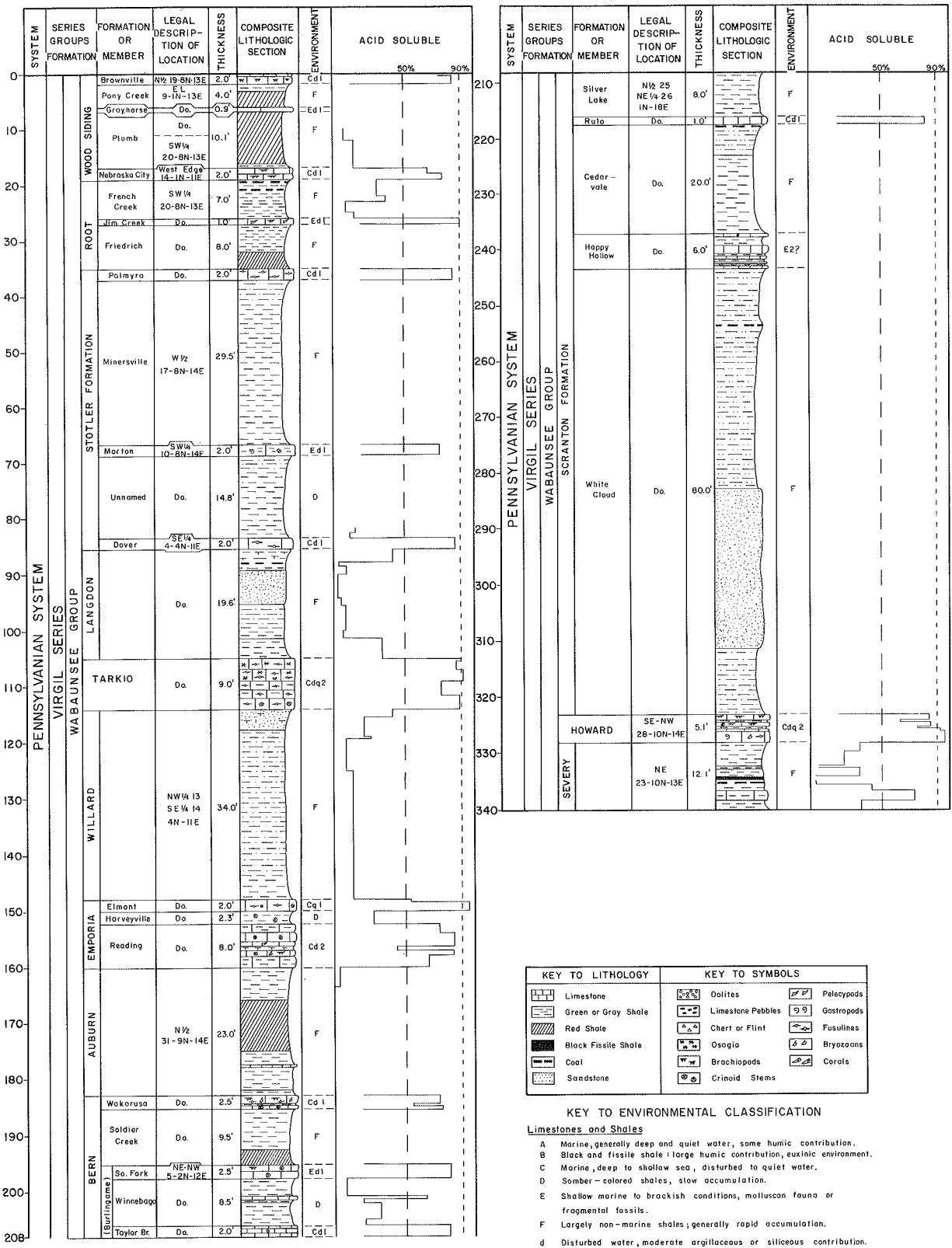
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STRATIGRAPHIC CHART OF THE WABAUNSEE GROUP IN NEBRASKA



KEY TO LITHOLOGY		KEY TO SYMBOLS	
	Limestone		Oolites
	Green or Gray Shale		Limestone Pebbles
	Red Shale		Chert or Flint
	Black Fossiliferous Shale		Osagie
	Coal		Brachiopods
	Sandstone		Crinoid Stems
			Pelecypods
			Gastropods
			Fusulines
			Bryozoans
			Corals

- KEY TO ENVIRONMENTAL CLASSIFICATION**
- Limestones and Shales**
- A Marine, generally deep and quiet water, some humic contribution.
 - B Black and fissile shale: large humic contribution, euxinic environment.
 - C Marine, deep to shallow sea, disturbed to quiet water.
 - D Somber-colored shales, slow accumulation.
 - E Shallow marine to brackish conditions, molluscan fauna or fragmental fossils.
 - F Largely non-marine shales; generally rapid accumulation.
- d** Disturbed water, moderate argillaceous or siliceous contribution.
- q** Quiet water, low argillaceous or siliceous contribution.
- Limestone Thickness**
- 1. Thin: less than three feet
 - 2. Intermediate: three to ten feet thick.
 - 3. Thick: ten feet or more.

Prepared by R.R. Burchett and E.C. Reed

V. H. Dreeszen, Acting Director
Conservation and Survey Division
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