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# Postulated Evolution of Platte River and Related Drainages

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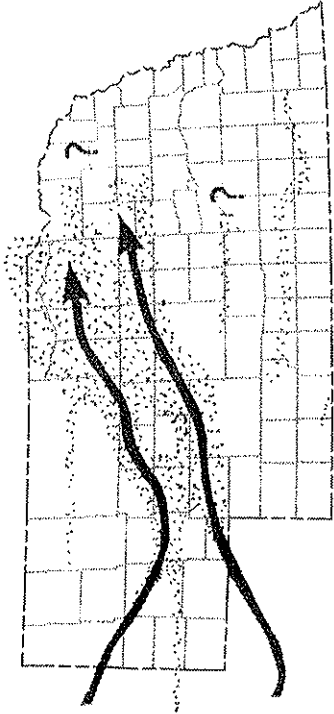
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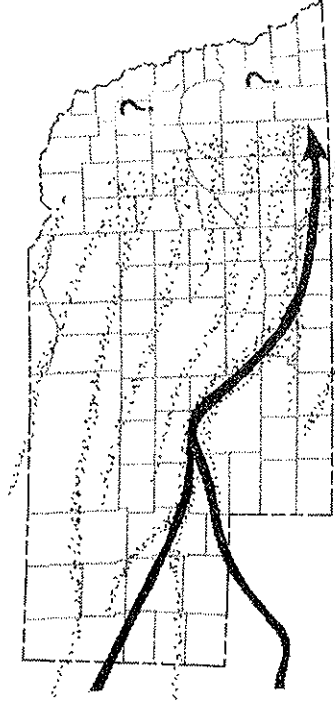
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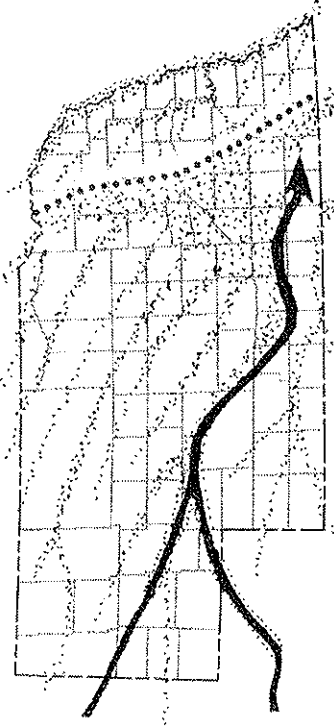
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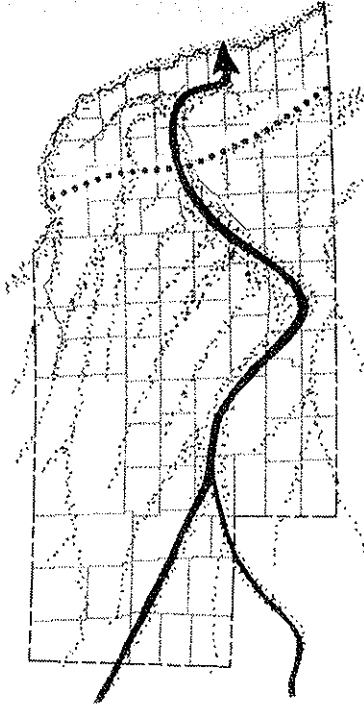
1. Late Pliocene ( $\approx 2.5$  million years ago)



2. Early Pleistocene ( $\approx 1.5$  million years ago)



3. Illinoian ( $\approx 200,000$  thousand years ago)



4. Late Wisconsinan ( $\approx 30$  thousand years ago)

#### POSTULATED EVOLUTION OF PLATTE RIVER AND RELATED DRAINAGES

Sketch maps showing postulated drainage patterns when there was glacial ice in eastern Nebraska. Solid lines show main ancestral drainage of Platte River. Heavy dotted line represents terminal moraines of one or more pre-Illinoian glacial maxima, undifferentiated. Stippled pattern indicates probable areas of long-term fluvial deposition before and after the suggested dates. Queried where eastward extent of fluvial deposition unknown. Diagrams compiled from published and unpublished maps and stratigraphic sections by V.L. Souders, S.B. Swinehart, and V.H. Dreeszen, Conservation and Survey Division, University of Nebraska.