Figure 7—Occurrence of fossil mollusks in Kansan deposits at 26 localities in Kansas. Asterisk in location info indicates collection from test hole samples.

<table>
<thead>
<tr>
<th>Molluscan species</th>
<th>Faunal localities</th>
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<tbody>
<tr>
<td>Annicola limosa parva Lea</td>
<td></td>
</tr>
<tr>
<td>Aplexa hypnorum (Linne)</td>
<td></td>
</tr>
<tr>
<td>Cionella lubrica (Muller)</td>
<td></td>
</tr>
<tr>
<td>Discus cronkhitei (Newcomb)</td>
<td></td>
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<tr>
<td>Eucnoulus fulvus (Muller)</td>
<td></td>
</tr>
<tr>
<td>Gastrocopta armifera (Say)</td>
<td></td>
</tr>
<tr>
<td>Gastrocopta contracta (Say)</td>
<td></td>
</tr>
<tr>
<td>Gyraulus similis (Baker)</td>
<td></td>
</tr>
<tr>
<td>Helicodiscus parallelus (Say)</td>
<td></td>
</tr>
<tr>
<td>Helisoma trivolvis (Say)</td>
<td></td>
</tr>
<tr>
<td>Helisoma wisconsinensis Winslow</td>
<td></td>
</tr>
<tr>
<td>Hendersonia occulta (Say)</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Molluscan species</th>
<th>Faunal localities</th>
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</thead>
<tbody>
<tr>
<td><strong>Kansan or older to Recent</strong></td>
<td></td>
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</tbody>
</table>
| Amnicola limosa parva Lea | • • • • • • • • • • •
| Aplexa hypnorum (Linne) | • • • • • • • • • • •
| Cionella lubrica (Muller) | • • • • • • • • • • •
| Discus cronkhitei (Newcomb) | • • • • • • • • • • •
| Eucnoulus fulvus (Muller) | • • • • • • • • • • •
| Gastrocopta armifera (Say) | • • • • • • • • • • •
| Gastrocopta contracta (Say) | • • • • • • • • • • •
| Gyraulus similis (Baker) | • • • • • • • • • • •
| Helicodiscus parallelus (Say) | • • • • • • • • • • •
| Helisoma trivolvis (Say) | • • • • • • • • • • •
| Helisoma wisconsinensis Winslow | • • • • • • • • • • •
| Hendersonia occulta (Say) | • • • • • • • • • • •
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<tr>
<td><strong>Lymnaea bulimoides</strong> Lea</td>
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<td><strong>Lymnaea caperata</strong> (Say)</td>
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<tr>
<td><strong>Lymnaea palustris</strong> (Muller)</td>
<td>![X]</td>
</tr>
<tr>
<td><strong>Lymnaea reflexa</strong> Say</td>
<td>![X]</td>
</tr>
<tr>
<td><strong>Physa elliptica</strong> Lea</td>
<td>![X]</td>
</tr>
<tr>
<td><strong>Pisidium compressum</strong> Prime</td>
<td>![X]</td>
</tr>
<tr>
<td><strong>Polygyra texasiana</strong> (Moricand)</td>
<td>![X]</td>
</tr>
<tr>
<td><strong>Pomatiopsis cincinnatiensis</strong> (Lea)</td>
<td>![X]</td>
</tr>
<tr>
<td><strong>Promenetus umbilicatellus</strong> (Cockerell)</td>
<td>![X]</td>
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<tr>
<td><strong>Pupilla blandi</strong> Morse</td>
<td>![X]</td>
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<tr>
<td><strong>Pupilla muscorum</strong> (Linne)</td>
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<tr>
<td><strong>Sphaerium sp.</strong></td>
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<tr>
<td><strong>Stenotrema leai leai</strong> (Binney)</td>
<td>![X]</td>
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<td>Molluscan species</td>
<td>Faunal localities</td>
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</tr>
<tr>
<td>Succinea avara Say</td>
<td>✓</td>
</tr>
<tr>
<td>Succinea ovalis Say</td>
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<tr>
<td>Vallonia pulchella (Muller)</td>
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<tr>
<td>Valvata lewisi Currier</td>
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<td>Valvata tricarinata (Say)</td>
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<tr>
<td>Vertigo modestus (Say)</td>
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<tr>
<td>Vertigo tridentata Wolf</td>
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<tr>
<td>Zonitoides arboreus (Say)</td>
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<td>Molluscan species</td>
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<tr>
<td>Gastrocopta falcis Leonard</td>
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<td>Gastrocopta proarmifera Leonard</td>
<td>SW sec. 33, T. 13 S., R. 20 E., Doniphan</td>
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<td>Gastrocopta tridentata (Leonard)</td>
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<td>Gyraulus labiatus Leonard</td>
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<td>Menetus pearlettii Leonard</td>
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<tr>
<td>Oxyolum navarrei Leonard</td>
<td>SE sec. 2 T. 31 S., R. 28 W., Meade</td>
</tr>
<tr>
<td>Physa sp.</td>
<td>SE sec. 35, T. 31 S., R. 28 W., Meade</td>
</tr>
<tr>
<td>Planorbula nebraskensis Leonard</td>
<td>NE sec. 26, T. 32 S., R. 28 W., Meade</td>
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<tr>
<td>Planorbula vulcanata occidentalis Leonard</td>
<td>*SW sec. 33, T. 30 S., R. 29 W., Meade</td>
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<tr>
<td>Planorbula vulcanata vulcanata Leonard</td>
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<td>Pupilla muscorum sinistra Franzen</td>
<td>*NW sec. 6, T. 31 S., R. 30 W., Meade</td>
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<td>Physa sp.</td>
<td>SW sec. 19, T. 5 S., R. 22 W., Norton</td>
</tr>
<tr>
<td>Planorbula navarrei Leonard</td>
<td>NW sec. 11, T. 6 S., R. 13 W., Oswango</td>
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<tr>
<td>Oxyloma navarrei Leonard</td>
<td>NW sec. 29, T. 10 S., R. 5 W., Ottawa</td>
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<tr>
<td>Physa sp.</td>
<td>NE sec. 1, T. 25 S., R. 7 W., Reno</td>
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<tr>
<td>Planorbula nebraskensis Leonard</td>
<td>SW sec. 36, T. 24 S., R. 7 W., Reno</td>
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<tr>
<td>Planorbula vulcanata occidentalis Leonard</td>
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<td>Physa sp.</td>
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<tr>
<td>Physa sp.</td>
<td>NE sec. 33, T. 14 S., R. 21 W., Trego</td>
</tr>
<tr>
<td>Physa sp.</td>
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Restricted to Kansan
## Molluscan species

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<th>Faunal localities</th>
<th>Molluscan species</th>
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<td>NW sec. 36, T. 24 S., R. 21 W., Russell</td>
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<td>NE sec. 33, T. 14 S., R. 12 E., Wabaunsee</td>
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<td></td>
<td>SE sec. 22, T. 14 S., R. 21 W., Trego</td>
</tr>
</tbody>
</table>

### Nebraskan to Kansan

- Carychium perexiguum Baker: 
- Deroceras aenigma Leonard: 
- Strobilops sparsicosta Baker: 

### Table: Faunal localities

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<thead>
<tr>
<th>Molluscan species</th>
<th>Faunal localities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ferrissia</strong> parallela (Haldeman)</td>
<td><em>SW sec. 33, T. 30 S., R. 23 W., Clark</em></td>
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<td><strong>Gastrocopta</strong> cristata (Pilsbry &amp; Vanatta)</td>
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</tr>
<tr>
<td><strong>Gastrocopta</strong> bolingeri (Sterki)</td>
<td><em>SW sec. 33, T. 30 S., R. 28 W., Meade</em></td>
</tr>
<tr>
<td><strong>Gastrocopta</strong> picroa (Gould)</td>
<td><em>SW sec. 33, T. 30 S., R. 28 W., Meade</em></td>
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<tr>
<td><strong>Gastrocopta</strong> tappaniana (C. B. Adams)</td>
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<tr>
<td><strong>Hawaiia</strong> minuscula (Binney)</td>
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<td><strong>Lymnaea</strong> parva Lea</td>
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**Nebraskan or older to Recent**
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<tbody>
<tr>
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Aug. 22, 2005