



Plate 17--A representative assemblage of mollusks from pre-Bradyan Wisconsinan deposits in Kansas. All figures enlarged approximately 5 times natural size.

Species represented by figures b, c, l, m, o, t, u, and z characterize the faunal assemblage of the Iowan faunal zone. All but those represented by figures u and z may also appear in the Tazewellian faunal zone, but species indicated by figures a, d, e, g, h, i, j, s, w, y, aa, and bb do not occur below the transitional zone between the Iowan and Tazewellian faunal zones, and may be thought of as characterizing the Tazewellian faunal assemblage.

- a--*Gastrocopta armifera* (Say)
- b--*Pupilla muscorum* (Linne)
- c--*Pupilla blandi* Morse
- d--*Columella alticola* (Ingersoll)
- e--*Vertigo gouldi paradoxa* Sterki
- f--*Vertigo tridentata* Wolf
- g--*Vertigo modesta* (Say)
- h--*Vertigo gouldi coloradensis* (Cockerell)
- i--*Vertigo milium* (Gould)
- j--*Gastrocopta holzingeri* (Sterki)
- k--*Euconulus fulvus* (Müller)
- l--*Helicodiscus parallelus* (Say)
- m--*Hawaiiia minuscula* (Binney)
- n--*Helicodiscus singleyanus* (Pilsbry)
- o--*Vallonia gracilicosta* Reinhardt
- p--*Discus shimiki* (Pilsbry)
- q--*Discus cronkhitei* (Newcomb)
- r--*Carychium exiguum* (Say)
- s--*Striatura milium* (Morse)
- t--*Deroceras laeve* (Müller)
- u--*Succinea avara* Say
- v--*Zonitoides arboreus* (Say)
- w--*Cionella lubrica* (Müller)
- x--*Retinella electrina* (Gould)
- y--*Succinea grosvenori* Lea
- z--*Lymnaea parva* Lea
- aa--*Hendersonia occulta* (Say)
- bb--*Succinea ovalis* Say

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