REMARKS.—Perhaps close to the *Geochelone osborniana* evolutionary line. Matthew (1924) places it in the *G. thompsoni—G. obsorniana —G. gilberti—G. orthopygia* line.

Geochelone (*Hesperotestudo*) *orthopygia* †*orthopygia* (Cope)

Xerobates orthopygius Cope 1878, p. 393.
Xerobates cyclopygius Cope 1878, p. 394 ("Miocene," Loup Fork, Kansas).
Caryoderma snoviana Cope 1866, p. 1044 ("Miocene," Loup Fork, Kansas).
Testudo undata? Williston 1898, p. 132.
Testudo orthopygia Hay 1899b, p. 349.
Testudo cyclopygia Hay 1899b, p. 349.
Testudo snoviana Hay 1902a, p. 451.
Geochelone orthopygia Williams 1950a, p. 30.

TYPE.—American Museum of Natural History; skull, jaw, plastron, parts of carapace, and limb elements.

TYPE LOCALITY AND HORIZON.—Decatur County, Kansas, U.S.A.; Republican River Formation, Clarendonian faunal age, Early Pliocene.

GEOLOGIC RANGE.—Pliocene.

GEOGRAPHIC RANGE.—Western Kansas and eastern Colorado, U.S.A.

REMARKS.—Close to *Geochelone* (*Hesperotestudo*) *campester.* In the *G. thompsoni—G. angusticeps—G. osborniana—G. gilberti* line, according to Matthew (1924). For best description of skeletons see Hay (1908).

Geochelone (*Hesperotestudo*) †*osborniana* (Hay)

Testudo osborniana Hay 1904b, p. 503.
Geochelone osborniana Williams 1950a, p. 30.

TYPE.—American Museum of Natural History; a complete shell, skull, and post cranial skeleton.

TYPE LOCALITY AND HORIZON.—Pawnee Creek, north of Sterling, Weld County, Colorado, U.S.A.; Pawnee Creek Formation, Barstovian faunal age, Late Miocene.

GEOLOGIC RANGE.—Late Miocene.

GEOGRAPHIC RANGE.—Northeastern Colorado, U.S.A.

REMARKS.—Probably includes *Geochelone impensa* and *Geochelone klettiana.* In *G. thompsoni—G. angusticeps—G. orthopygia—G. gilberti* evolutionary line (Matthew 1924).

Geochelone (*Hesperotestudo*) †*primaeva* (Oelrich)

Testudo primaeva Oelrich 1950, p. 44.

TYPE.—Univ. of Michigan Museum of Paleontology; shell and a few girdle and limb elements.