

found near Newberry and on the Griscom plantation, which are clearly contemporaneous, cannot be older than Miocene nor younger than early Miocene. He correlates them with the lower part of the Harrison beds of Hatcher in Nebraska or the Rosebud beds of Matthew and Gidley in South Dakota.

A more prolific locality for fossil bones was discovered by J. Clarence Simpson, of the Florida Geological Survey, in 1931 on the Raeford Thomas farm, now owned by the University of Florida, in Gilchrist County, 8 miles north of Bell. The early discoveries there have been studied by George Gaylord Simpson (1932b), of the American Museum of Natural History, and additions to the fauna have been reported on by Theodore E. White (1942) and Alexander Wetmore (1943). The beds containing the bones are interpreted by White as a fluviatile deposit of Hawthorn age. It seems more likely, however, that they accumulated at the bottom of a sink, probably containing a pool of water, during Tampa time. The sink was in the Ocala limestone, and the filling included debris from the Suwannee limestone, which apparently formed the land surface. The deposit is said to be overlain, in part, by vesicular sandstone believed to represent the Hawthorn formation. Sandstone of this description lies at the base of the Hawthorn formation in Alachua and Marion Counties. In regions underlain by the Ocala and Suwannee limestones sinks are much more common than flowing streams, which are confined to places where the water table is too high for the drainage to flow underground. Moreover, some natural trap such as a steep-walled sink is needed to account for the great accumulation of bones and for their preservation. The land animals in the following list are cited by White (1942) from the Thomas farm, the bird by Wetmore (1943):

Carnivora:

Mustelidae:

- Mephitis taxus ancipidens* White
Daphaenus caroniavorus White
Paradephraenus nobilis Simpson
 tropicalis White
Amphicyon intermedius White
 longiramus White
Nothocyon insularis White
Tomarctus conavus (Simpson)
 thomasi White