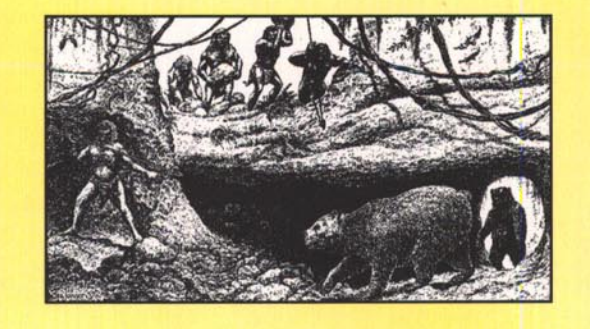
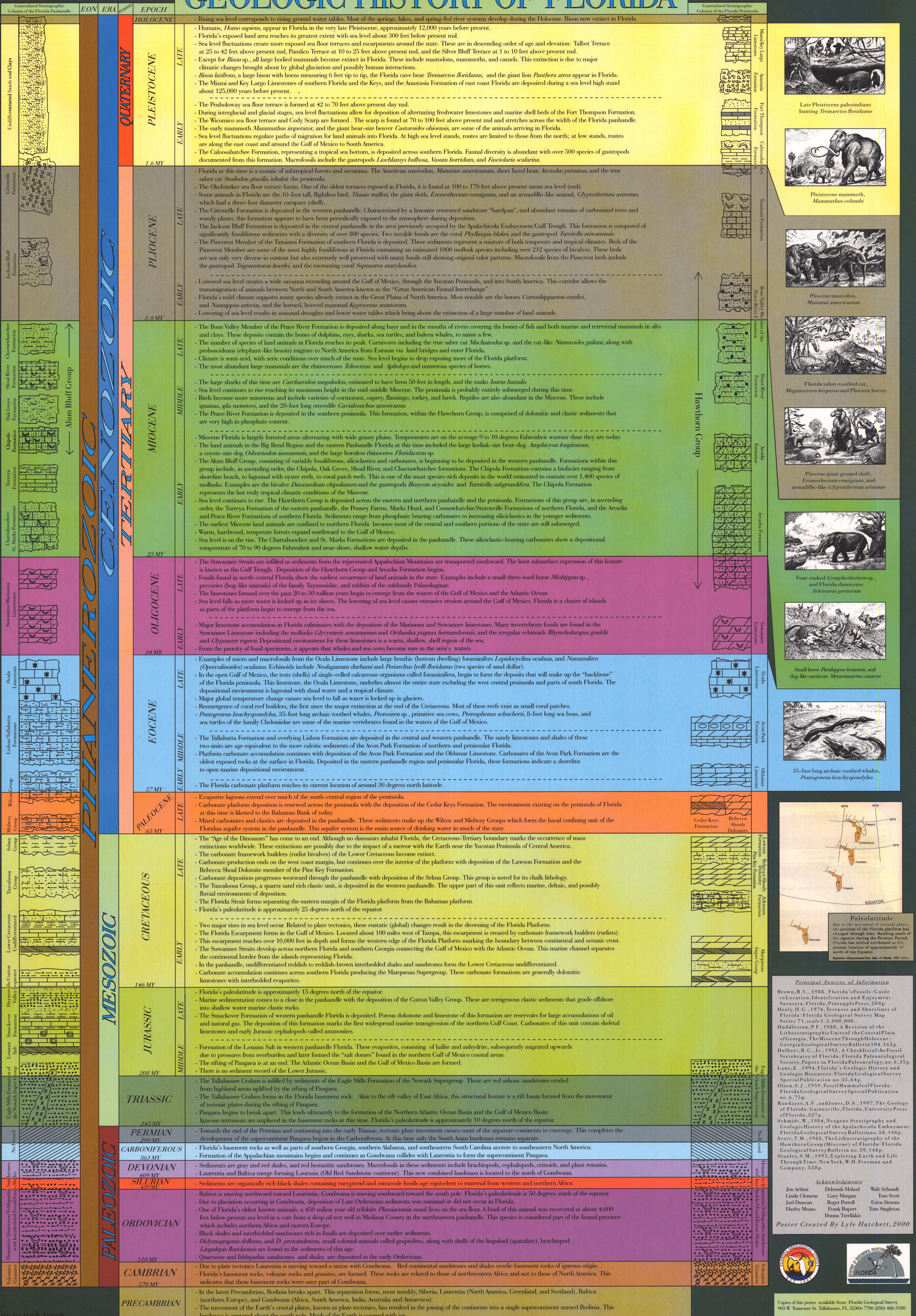
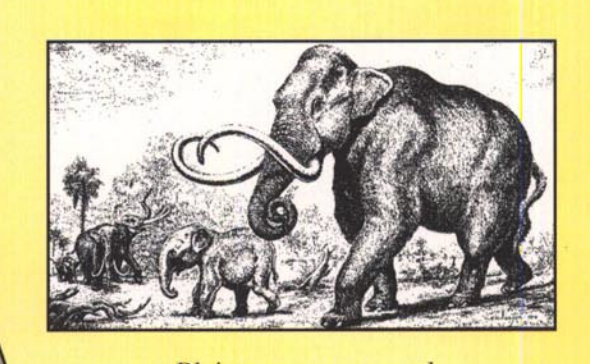


# GEOLOGIC HISTORY OF FLORIDA

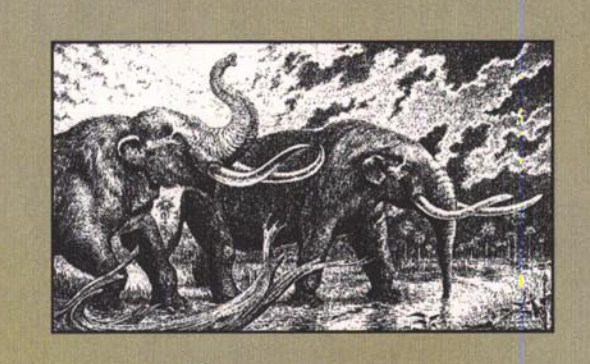
For continuity, poster should be read from bottom to top.



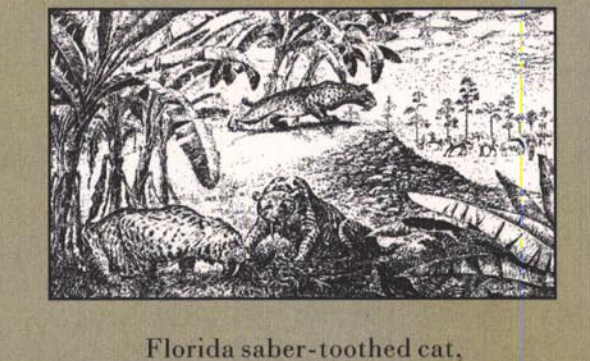
Late Pleistocene paleoindians hunting *Tremarctos floridanus*



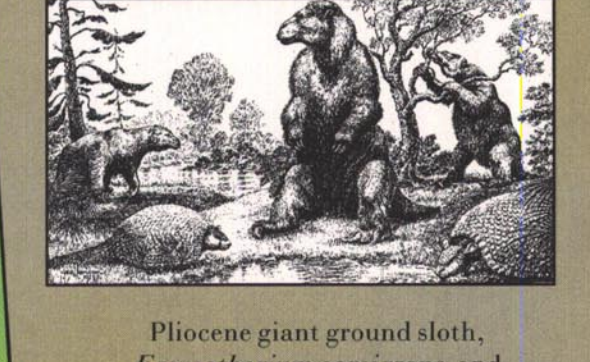
Pleistocene mammoth, *Mammuthus columbi*



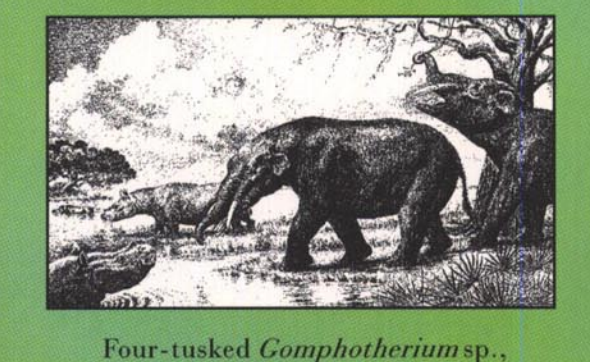
Pliocene mastodon, *Mammuthus americanus*



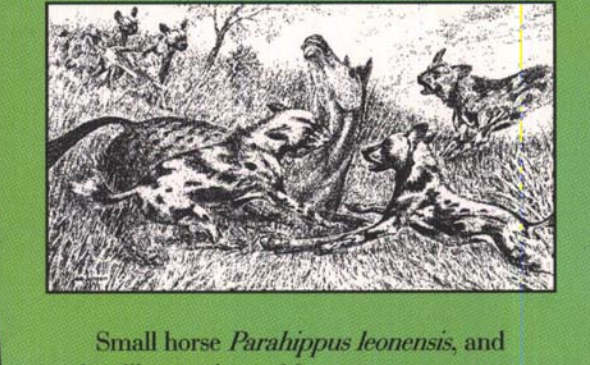
Florida saber-toothed cat, *Megantereon hesperus* and Pliocene horses



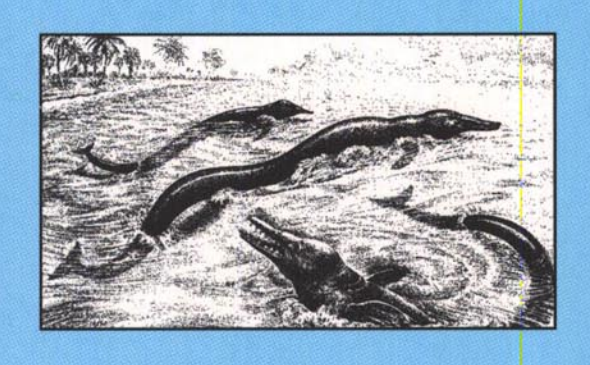
Pliocene giant ground sloth, *Eremotherium conigrans*, and armadillo-like *Glyptotherium arizonae*



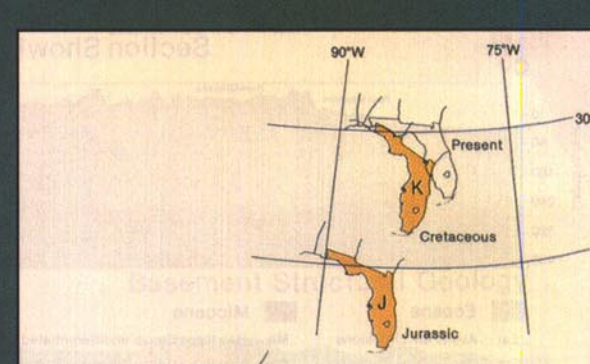
Four-tusked *Gomphotherium* sp., and Florida rhinoceros *Teleoceras proterum*



Small horse *Parahippus lewisensis*, and dog-like carnivore *Metastomoceros caninus*



35-foot long archaic toothed whales, *Pontogeneus brachyspondylus*



Paleolatitude

Due to the movement of tectonic plates, the position of the Florida platform has changed through time. Residing south of the equator during the Permian Period, Florida has drifted northward to its present location of approximately 30° north of the Equator.

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### Principal Sources of Information

- Brown, R. C., 1988. Florida's Fossils: Guide to Location, Identification and Enjoyment: Sarasota, Florida, Pineapple Press, 208p.
- Healy, H. G., 1976. Terraces and Shorelines of Florida: Florida Geological Survey Map Series 71, scale 1:2,000,000.
- Huddleston, P. F., 1988. A Revision of the Lithostratigraphic Units of the Coastal Plain of Georgia. The Miocene Through Holocene: Georgia Geological Survey Bulletin 104, 162p.
- Hulbert, R. C., Jr., 1992. A Checklist of the Fossil Vertebrates of Florida: Florida Paleontological Society, Papers in Florida Paleontology, no. 6, 35p.
- Lane, E., 1994. Florida's Geologic History and Geologic Resources: Florida Geological Survey Special Publication no. 35, 64p.
- Olsen, S. J., 1959. Fossil Mammals of Florida: Florida Geological Survey Special Publication no. 6, 75p.
- Randazzo, A. F., and Jones, D. S., 1997. The Geology of Florida: Gainesville, Florida, University Press of Florida, 327p.
- Schmidt, W., 1984. Neogene Stratigraphy and Geologic History of the Apalachicola Embayment: Florida Geological Survey Bulletin 104, 162p.
- Scott, T. M., 1988. The Lithostratigraphy of the Hawthorn Group (Miocene) of Florida: Florida Geological Survey Bulletin no. 59, 148p.
- Stanley, S. M., 1993. Exploring Earth and Life Through Time: New York, W. H. Freeman and Company, 538p.

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