

The bare surface of the Talbot formation is the Talbot terrace, which stands lower than the Penholoway terrace and higher than the Pamlico, with a shore line about 42 feet above sea level. The shore line apparently remains nearly horizontal from Maryland to Florida, though its exact location is at many places obscure because the beach was shelving rather than steep. This condition may be considered normal, because there was no subaerial erosion of the Penholoway plain before the Talbot sea came to rest.

*Paleogeography*—The shore of the Talbot sea was less indented than that of the Penholoway because most of the lagoons that remained after the Penholoway emergence were drained by the Talbot emergence. There were estuaries up the valleys of the principal streams of northwestern Florida, along the Suwannee beyond the mouth of the Santa Fe, and perhaps others. The peninsula terminated in Glades County a few miles north of La Belle. (See fig. 46.)

There were several long, narrow barrier islands east of the present St. Johns near Jacksonville, but the eastern shore of the mainland lay some 25 miles inland as far south as Martin County. It apparently crossed Volusia County about 3 miles east of De Land. There was a wide embayment at the southeastern corner of the peninsula extending inland to Lake Istokpoga. The shore lay nearer the present west coast, particularly west of Choctawhatchee River, where the sea bottom apparently sloped rather steeply.

*Fauna*—No fossils have been found in the Talbot formation in Florida.

*Utilization*—The Talbot formation may contain useful deposits of brick clay and sand.

#### LOCAL DETAILS

*Bay County*—The Talbot terrace is best developed in the western part of Bay County, where it covers many square miles of the Seminole Hills quadrangle. A 30-foot cut along the Intracoastal Waterway in secs. 15-18, T. 2 S., R. 17 W., may yield exposures of the Talbot formation. The Talbot shore is fairly steep, but the terrace is very narrow in the E $\frac{1}{2}$  sec. 7, T. 2 S., R. 16 W. The Penholoway terrace rises