

There is another old pit at Caloosa, on the river road to Heitman Groves No. 3, 0.2 mile south of State Highway 292, 2.3 miles west of the bridge at Alva. The section there is similar to that at Buckingham (Parker and Cooke, 1944, pp. 81-82).

The Buckingham marl rises 2 feet above low-tide level in Caloosahatchee River at Alva and on the north bank of the river opposite Floweree Grove, about 3 miles farther upstream, where it is overlain by 3 feet of Pamlico sand.

Two and one-half feet of creamy white clayey marl is overlain by $3\frac{1}{2}$ to $4\frac{1}{2}$ feet of sandier marl on the south bank of Caloosahatchee River on the Goober or Turkey Farm about a mile below Fort Simmonds Branch. The marl is overlain by a 6-inch basal conglomerate containing pockets of mixed fresh-water and marine shells that is referred to the Fort Thompson formation. Three and one-half feet of sand above this bed is referred to the Pamlico sand. Bones of an undescribed species of whalebone whale have been found in the lowest bed.

Similar Buckingham marl rises $3\frac{1}{2}$ feet above low tide on the south bank of Caloosahatchee River about one-eighth of a mile above the mouth of Fort Simmonds Creek. The marl is overlain by a foot or two of the Fort Thompson formation containing *Rangia cuneata*.

About 120 yards above Banana Creek the south bank of Caloosahatchee River rises about 13 feet above low-tide level. The lower 9 feet, which is clayey at the bottom and sandy at the top, represents the transition from the Buckingham marl to the Caloosahatchee formation. Differential erosion has produced an uneven surface that simulates an unconformity, but there is really a gradation from the clay marl into the sand. Cetacean bones have been found in the lower part. The Buckingham is overlain unconformably by $1\frac{3}{4}$ feet of marly sand referred to the Fort Thompson formation, and above that comes $2\frac{1}{2}$ feet of black carbonaceous sand and gray quartz sand of the Pamlico. This and the preceding place may be in Hendry County.