

Floral, Alabama. Its course east of Marianna has not been determined. The shore line evidently lay somewhere north of the junction of Withlacoochee River with the Suwannee.

*Fauna*—The Byram in Mississippi contains many fossils. Cushman (1922) describes 68 species and varieties of Foraminifera from Byram, and Cooke (1922) lists 5 corals, 134 mollusks, and 2 echinoids from several places within the State. The fauna may have been just as rich in Florida, but few fossils have been preserved. The most characteristic species are *Lepidocyclina supera* (Conrad) and *Anadara lesueurii* (Dall). A thin-margined variety of *Clypeaster rogersi* (Morton) is locally common along Suwannee River. *Cassidulus alabamensis* Twitchell occurs at Natural Bridge and Ellaville.

#### LOCAL DETAILS

*Holmes County*—Although no Byram is mapped in Holmes County, the limestone there referred to the Marianna may be Byram. This possibility is suggested in the description of the Marianna limestone in Holmes County.

*Jackson County*—The upper 3 feet of limestone in the cut on Highway 90 near Chipola River at Marianna contains impressions of a foraminifer resembling *Lepidocyclina supera* and a *Pecten* related to *P. poulsoni*. The rock is tentatively referred to the Byram limestone.

The following section was measured in 1914 on the second hill west of Chipola River along the street in Marianna leading to the old bridge. The *Lepidocyclina* is probably *L. supera*. A collection (U.S.G.S. 7243) was made from beds 3-6, but it has been mislaid. Beds 1 and 2 of the section may represent the top of the Marianna limestone, from which the Byram had not been distinguished when the section was measured.

#### SECTION AT EASTERN EDGE OF MARIANNA

Flint River (?) formation (Oligocene?)

FEET

- |  |    |
|--|----|
| 7. Red and orange sand containing a few small pebbles near the bottom and sparingly throughout; near top are numerous rounded concretions of ferruginous sandstone. To level of plain on which city is built - - - - - | 40 |
|--|----|

Unconformity.