

clays and light gray, arkosic sands, are exposed at many places along the cove sides of the river bends and are in most places overlain by 6 to 10 feet of Pleistocene terrace deposits. Beyond the point indicated there are no more surface exposures of the Patuxent formation.

Tar River exhibits the beds of the formation from a point about 4 miles below Dunbar Bridge in Edgecombe County to Parker Landing in Pitt County. Above Tarboro the occurrences are all low, as a rule less than 6 feet being revealed; while below this town the surface of the formation gradually rises to a maximum height of 16 or 18 feet near Penny Hill in Pitt County. (See sketch map of Tar River, Fig. 7.)

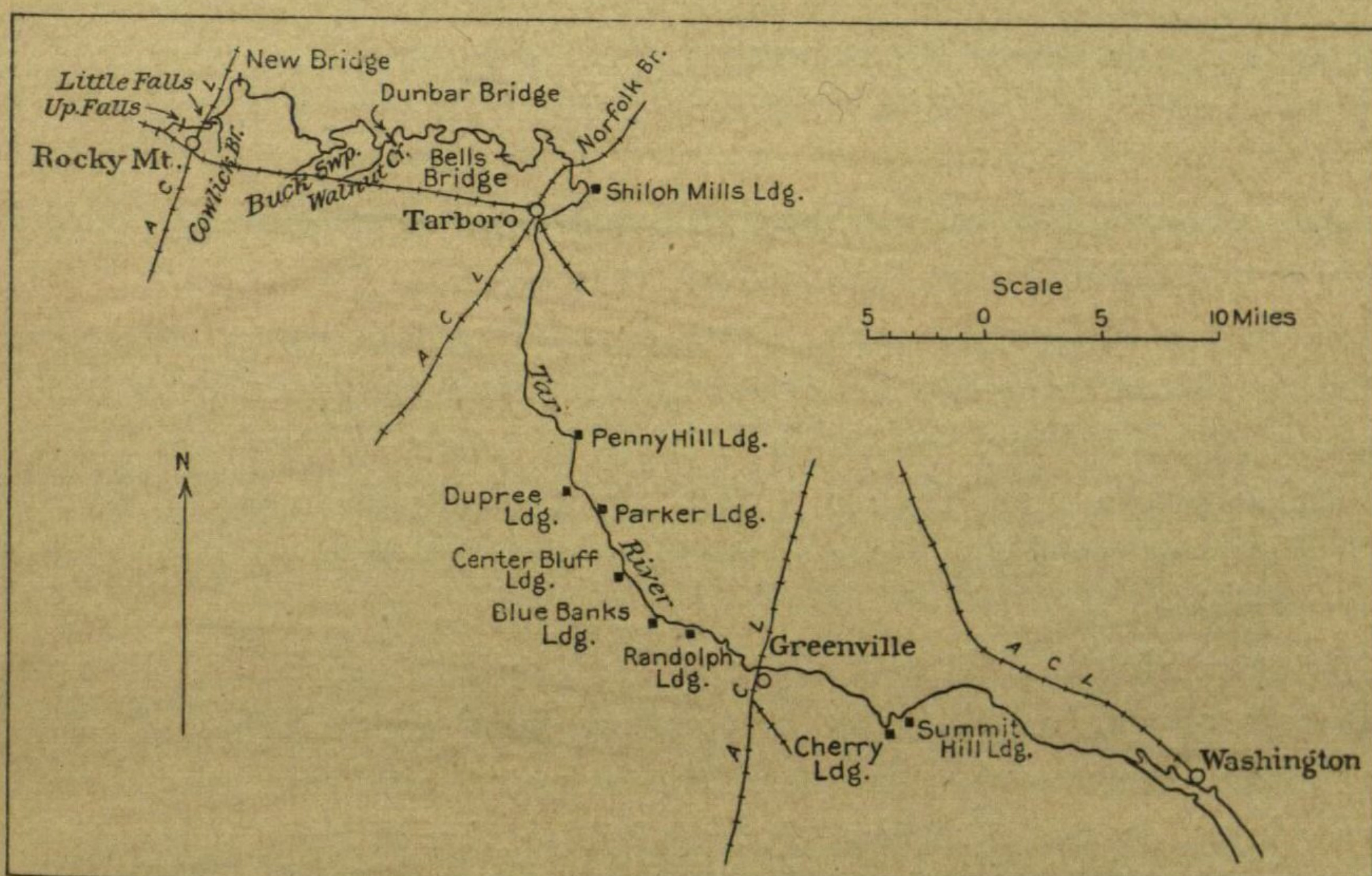


FIG. 7.—Sketch map of part of Tar River, N. C.

From its first appearance in Edgecombe County to a point about $\frac{1}{4}$ mile above Parker Landing the formation is overlain either by beds of Miocene age or by Pleistocene terrace deposits. At the last point indicated, however, and also a short distance below Parker Landing, the Black Creek formation appears resting unconformably upon the Patuxent formation. Beyond this the latter does not again appear, having passed finally from view beneath the water level.

The Tar River occurrences are described in detail on the following pages.

SECTION ABOUT 4 MILES BELOW DUNBAR BRIDGE, LEFT BANK.

Pleistocene:

FEET.

Yellowish loam and sand, becoming coarse and gravelly towards base

10-12

(Unconformity.)