

Below the wagon bridge at Clear Run there appears at low water about 12 feet of dark to black, laminated clay, with partings of fine micaceous sand and seams of lignite, mostly in a comminuted condition. Occasional larger pieces of lignite and small concretions of iron sulphide are present, scattered somewhat irregularly throughout the materials. The only determinable fossil plant obtained here was the characteristic Black Creek ("Bladen") form, *Araucaria bladenensis* Berry.

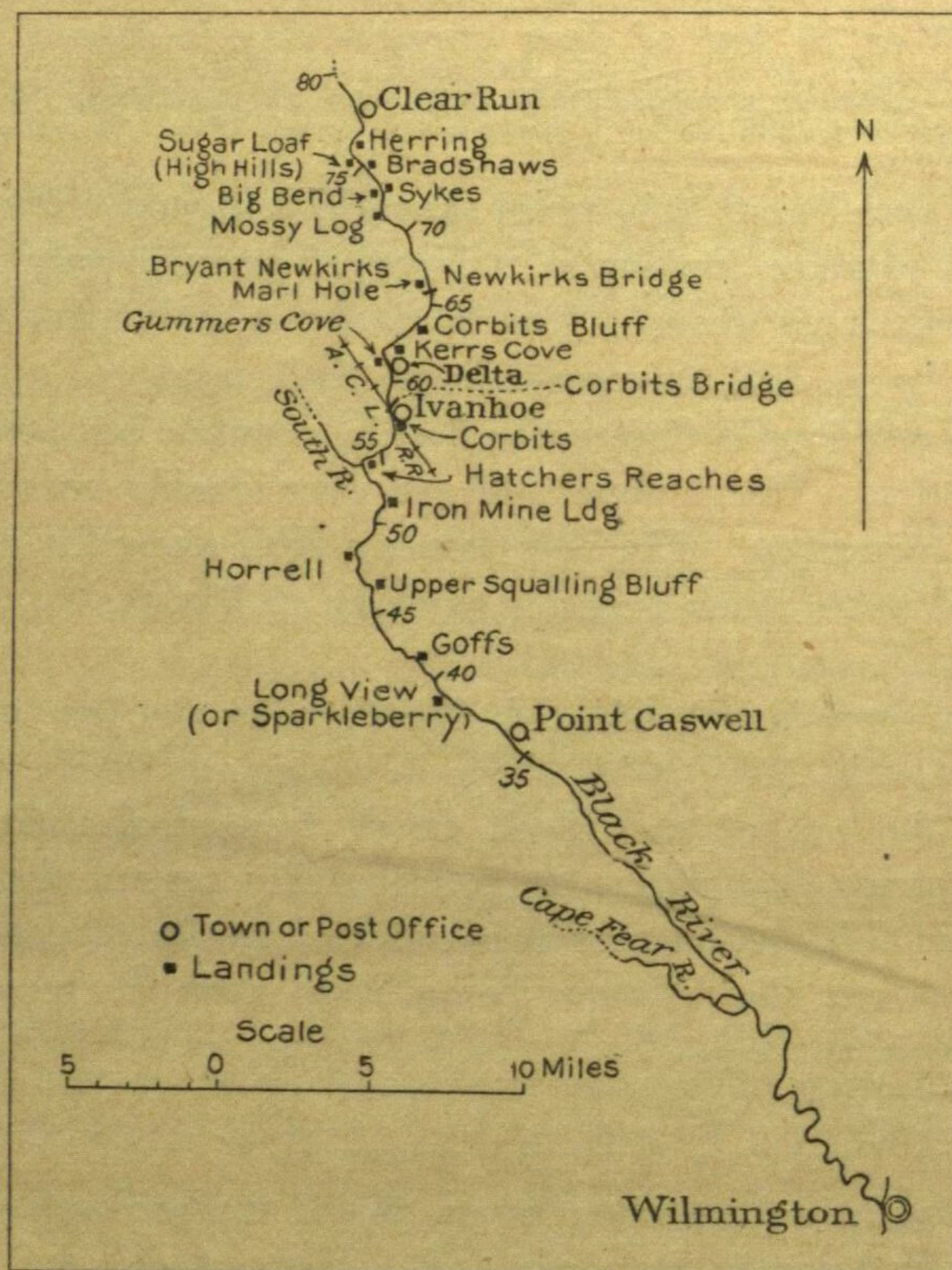


FIG. 12.—Sketch map of part of Black River, N. C.

At Sugar Loaf Bluff, $2\frac{3}{4}$ miles below Clear Run, there is a 25-foot exposure of Black Creek materials, consisting of dark, thinly laminated lignitic sand and clay.

At Bradshaws Landing, about 3 miles below Clear Run, the following section was made:

SECTION AT BRADSHAW'S LANDING, $74\frac{1}{2}$ MILES ABOVE WILMINGTON, LEFT BANK.

Pleistocene:

FEET.

Yellow sandy loam, grading down into yellow sand, with a thin bed of gravel at base..... 7

(Unconformity.)