

Northern Kentucky Views Presents:

Owen County

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On the opposite side of the Kentucky river, in this county, the height of the bluff was about three hundred and eighty-five feet, and the highest parts of the adjacent county four hundred and twenty-five feet. The highest beds underlying Mr. Jenkins' farm, where a soil was taken from the north-western part of the county for analysis, are shell beds of the blue limestone, containing *L. alternata* and *O. lynx*. The growth was chiefly beech, with small walnut. No silicious mudstone, giving character to the country, reaches the surface adjacent to the Marion and New Liberty road. The same kind of country prevails from New Liberty to Owenton. Six and a half miles south of Owenton some of the silicious mudstone makes its appearance, occasionally, on the surface.

About Twin creek the country is very broken, especially on the east side.

The buff silicious mudstone prevails mostly on the ridge between Cedar and Eagle creeks, amongst the beech timber. The hemp produced in this region of silicious mudstone, amongst the beech timber, does not "lint" well or produce good fibre; the quality is better where the oak and sugar tree flourish.

Near the heads of the Dick's fork of Caney creek the mudstone is seen, covered, locally, by coralline and shell beds of the blue limestone. At the Four Mile Tavern *O. testudinaria* occurs in the shell beds near the head of Indian creek. In the bed of this creek, about one hundred and fifty feet lower, the beds of the blue limestone contain *H.?* *bilex*, *A. modesta*, *Bellerophon bilobatus*, *Ambonychia (bellistriata?)* and one layer is charged with *Nucula (levata?)*.

The soils collected four miles from Owenton—No. 738, 739, and 740—have been analyzed, and are reported in the chemical section.

Near the edge of Owen and Scott counties, a soil was collected for chemical analysis, about one hundred feet above the *Nucula* limestone, from the old Jemison farm. There is no silicious mudstone in this vicinity worth mentioning, at least none imparting character to the above soil.