



FIG. 14.—RELIEF MAP OF THE NORTHERN APPALACHIAN MOUNTAINS.
The Indiana quadrangle is situated on the plateau west of the belt of valley ridges, in the central western part of Pennsylvania.



FIG. 15.—MAP SHOWING THE EXTENT OF THE NORTHERN PART OF THE APPALACHIAN COAL FIELD.
The position of the Indiana quadrangle within the coal field is shown by the rectangle.

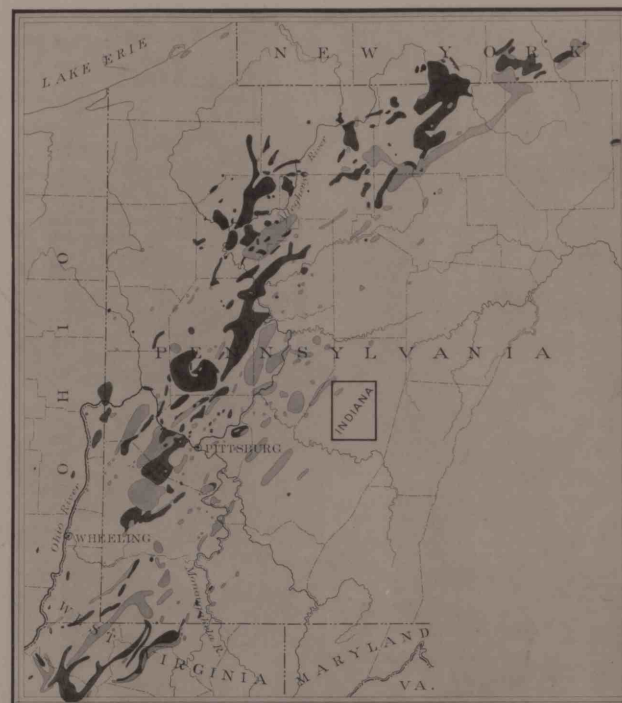


FIG. 16.—MAP OF THE OIL AND GAS PRODUCING AREAS OF THE NORTHERN APPALACHIANS.
Compiled from map by the Second Geological Survey of Pennsylvania, with additions by F. H. Oliphant, 1902. Black areas, oil; shaded areas, gas.