

## GEOLOGY AND GEOGRAPHY

Chairman: G. DAVID KOCH, Indiana State Teachers College

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Dr. C. F. Deiss, Indiana University, was elected chairman of the section for 1947.

### ABSTRACTS

**Reforestation of Spoil Banks.** DANIEL DEN UYL, Purdue University.—For 20 years forest tree planting has been done on the spoil banks of stripped coal lands in Indiana. Approximately 12,000 acres of spoil banks have been planted and 30 species of forest trees have been used. Of the hardwood species planted, black locust (*Robinia pseudoacacie*) has been most commonly used while red pine (*Pinus resinosa*), white pine (*Pinus strobus*), and jack pine (*Pinus banksiana*) were the most commonly planted conifers. The success of tree planting appears to be dependent upon several factors such as soil type, age of spoil banks, tree species planted, quality of planting stock and method and care in planting.

**The Whitewater canal.** NORMA KOCH, Indianapolis Public Schools.—A moving picture presented views of three trips to the White Water valley. On the first trip pictures were taken of the aqueduct at Metamora before the acquisition by the state. On the second trip pictures were taken after the acquisition of the aqueduct by the state and the creation of the new state park. On the third trip pictures were taken of the surrounding country including Laurel and Connersville.