

The State Entomologist and State Pathologist are also required to inspect all tree and plant nurseries in the State and issue certificates of inspection to permit the distribution of such nursery stock.

All matters pertaining to orchard and nursery inspection as well as cases of infestation or infection by injurious insects or plant diseases attacking any crop in the State is taken care of so far as means will permit by the members of this Department.

The State Entomologist has been designated the Inspector of Apiaries and directed to conduct such inspection of Apiaries, and such investigations and disseminate such information as may seem best to promote the beekeeping industry in Maryland.

The officers of the Department are as follows:

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|-------------------------|--------------------|
| Ernest N. Cory..... | State Entomologist |
| C. E. Temple..... | State Pathologist |
| George S. Langford..... | Chief Inspector |

**STATE GEOLOGICAL AND ECONOMIC SURVEY AND STATE
GEOLOGICAL AND ECONOMIC SURVEY ADVISORY
COMMISSION.**

Executive Officer:

Raymond A. Pearson, President University of Maryland.

Ex-officio Member:

Joseph S. Ames, President of Johns Hopkins University.

Members (terms expire 1933):

| | |
|-------------------------|------------|
| Robert W. Williams..... | Baltimore |
| John B. Ferguson..... | Hagerstown |

The Governor appoints two members bi-annually.

The State Geological and Economic Survey is authorized to make:

(a) Topographic surveys showing the relief of the land, streams, roads, railways, houses, etc.

(b) Geological surveys showing the distribution of the geological formations and mineral deposits of the State.

(c) Agricultural soil surveys showing the areal extent and character of the different soils.

(d) Hydrographic surveys to determine the available waters of the State for potable and industrial uses.

(e) Magnetic surveys to determine the variation of the needle for land surveys.

The Survey is also authorized to prepare:

(a) Reports on the area and systematic geology, on the mineral resources, and on other topics of scientific importance.

(b) Maps of scientific and educational significance on various scales to meet special needs.

(c) A permanent exhibit of the mineral wealth of the State in the old Hall of Delegates at the State House to which new materials are constantly added to keep the collection up-to-date.

Scientific Staff:

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|---|-----------|
| Edward B. Mathews, State Geologist..... | Baltimore |
| Edward W. Berry, Assistant State Geologist..... | Baltimore |
| Charles K. Swartz, Geologist..... | Baltimore |
| Joseph T. Singewald, Jr., Geologist..... | Baltimore |
| Myra Ale, Secretary..... | Baltimore |
| Grace E. Reed, Librarian..... | Baltimore |
| Eugene H. Sapp, Clerk..... | Baltimore |