



JUNIOR ACADEMY OF SCIENCE

Officers for 1937:

President: GEORGE HOFFER, West Lafayette High School.

Vice-President: DAVID WILLIAMS, Valparaiso.

Secretary: BARBARA BADGER, Shortridge, Indianapolis.

Treasurer: MARY TUDOR, Marion.

PROGRAM OF SEVENTH ANNUAL MEETING

November 6, 1937

- 9:30 Opening of exhibits.
- 10:30 Opening of general session.
Addresses by members of the Junior Academy:
"The Wilson Cloud Apparatus and Atomic Structure,"
Robert Bennet, Mishawaka
"Lithographing," Allen Hendron, Shortridge High School.
- 11:30 Business session—Election of officers.
- 1:00 General session.
"Twentieth Century Pioneering,"
Dr. Henry B. Hass, Purdue University.
- Short papers by members:
"Leaf Herbaria,"
Robert Youngkin, Lew Wallace High School, Gary.
"Physical Geography in Fort Wayne High Schools."
Ronald Bishop, North Side High School.
"Performing Minor Operations on Rabbits,"
Melvin Fields, Blaine Junior H. S., Muncie.
"Rock Wool," Wayne Guernsey, Wabash High School.
"Making Lantern Slides," Opal Baughman, Marion High School.
Report on the progress of the Junior Academy in 1937 and
plans for 1938. Dean Howard E. Enders, Purdue University.

MINUTES OF BUSINESS SESSION

The Indiana Junior Academy of Science held its seventh annual meeting at Manchester College, November 6, 1937, with George Hoffer, of the West Lafayette High School Science Club, presiding. The minutes of the preceding annual meeting were read and approved.

Eighteen clubs reported attendance as follows: Bloomington High School General Science Club, 2 members and Mr. Williams, Sponsor; Emhurst High School Science Club, Ft. Wayne, 20 members and Miss

Wimmer, Sponsor; North Side High School Geography Council, Ft. Wayne, 3 members and Mr. Breeze, Sponsor; North Side High School Nature Study Club, 13 members and Mr. Michaud, Sponsor; Gas City High School Science Club, 17 members and Mr. McKee, Sponsor; Lew Wallace High School Science Club, Gary, 3 members and Miss Lemon, Sponsor; Greencastle High School Science Club, 1 member and Mr. Jones, Sponsor; Shortridge High School Chemistry Club, Indianapolis, 15 members and Miss Martin, Sponsor; George Washington High School Science Club,, Indianapolis, Mr. Otto, Sponsor; Lowell High School Science Club, 5 members and Mr. Brannock, Sponsor; Marion High School Science Club, 15 members and Mrs. Mayhugh, Sponsor; Mishawaka High School Science Club, Mr. Wood, Sponsor; Mooresville High School Science Club, 1 member and Mr. Lee, Sponsor; Blaine Junior High School Science Club, Muncie, 2 members; Junior Science Club, Tipton, 5 members; Sciemus Club, Valparaiso, 18 members and Mr. Pauley, Sponsor; Wabash High School Science Club, 9 members and Mr. Krom, Sponsor; West Lafayette High School Science Club, 16 members and Miss Inskeep, Sponsor.

The following officers were elected to serve for 1938: *President*, DAVID WILLIAMS, Valparaiso; *Vice-President*, ALLEN HENDRON, Shortridge High School; *Secretary*, MARY PENROD, Marion; *Treasurer*, PAUL CORBIN, Gas City.

Miss Lola Lemon, sponsor of the Biology Club of Lew Wallace High School, Gary, was elected to the Advisory Council, taking the place of Miss Lois E. Martin, whose five-year term had expired.

Five accessions to membership in the Junior Academy were announced as follows: General Science Club, Greencastle, Frank N. Jones, Sponsor; Phi-Chem Club, Elmhurst School, Fort Wayne, Miss Ruth Wimmer, Sponsor; Phy-Chem Club, North Side High School, Fort Wayne, H. A. Thomas, Sponsor; Science Club, George Washington High School, Indianapolis, James H. Otto, Sponsor; Edison Junior Academy of Science Club, Thomas A. Edison School, Hammond, J. Harmon Bjorklund, Sponsor.

The total attendance of the meeting was about 210.

The meeting adjourned at 3:30 p.m.

Barbara Ann Badger, *Secretary*,
Shortridge High School.

Exhibits

The exhibits exceeded those of any previous year, both in number and in quality. These were displayed on the tables of two large rooms of the Biological Laboratory, and, during the hours at which they were open, the rooms were filled with club members and their parents, club sponsors, and members of the Academy.

The following exhibits are worthy of special mention:

1. Biology Club, Lew Wallace H. S., Gary, Miss Lola Lemon, Sponsor: Mounted butterflies; leaf books.
2. Chemistry Club, Shortridge H. S., Indianapolis, Miss Lois Martin, Sponsor: Photo-micrographs; rocks and minerals; synthetic rubber; forms of carbon.

3. Physics Club, Marion H. S., Mrs. Pauline Mayhugh, Sponsor: Radio transmitting exhibit.
4. Science Club, Mishawaka, H. S., Darl F. Wood, Sponsor: Gems; drawings of birds and animals; alpha-ray track apparatus; hydrochloric acid plant, working model.
5. Science Club, West Lafayette, Miss Anna Inskeep, Sponsor: Woody fungi; model boats; ant colony; stuffed birds; gem collection.
6. Nature Club, North Side H. S., Ft. Wayne, H. H. Michaud, Sponsor: Rocks; Pigeons and their breedings.
7. Sciemus Club, Valparaiso, C. O. Pauley, Sponsor: Radio transmitting exhibit; rabbit and cat skeletons; model plane.
8. Science Club, Bloomington, M. M. Williams, Sponsor: Gas engine; model plane; micro-projector.

JUNIOR ACADEMIES OF SCIENCE

The following is a complete list of Junior Academies of Science:

Anderson Junior High School Science Club, 13th and Lincoln Sts., Anderson.

Junior Academy of Science, Bloomington High School, Bloomington.

Tri-Science Club, Lincoln High School, Cambridge City.

Crawfordsville High School Audubon Society, 417 School St., Crawfordsville.

Biology Club, Crispus Attucks High School, West and 12th Sts., Indianapolis.

Edison Science Club, Roosevelt High School, East Chicago.

Geography Council, North Side High School, Fort Wayne.

North Side High School Nature Club, North Side High School, Fort Wayne.

Phi-Chem Club, Elmhurst School, Fort Wayne.

Phy-Chem Club, North Side High School, Fort Wayne.

Biology Club, Lew Wallace High School, 45th and Madison Sts., Gary.

Science Club, Gas City High School, Gas City.

Science Club, George Washington High School, Indianapolis.

General Science Club, Greencastle High School, Greencastle.

Science Club of Guilford High School, Guilford.

Edison Junior Academy of Science Club, Thomas A. Edison School, Hammond.

Mishawaka High School Science Club, 1202 Lincoln Way East, Mishawaka.

Science Club, Mooresville High School, Mooresville.

Hilltop Nature Study Club, North Madison High School, North Madison.

Junior Academy of Science, Junior High School, New Albany.

Science Club, Lowell High School, Lowell.

Montmorenci Junior Academy of Science, Montmorenci High School, Montmorenci.

Science Club, Blaine Junior High School, Muncie.

Science Club, Paoli High School, Paoli.

Shortridge High School Chemistry Club, 34th and Meridian, Indianapolis.

Technical High School Nature Study Club, 1500 East Michigan St.,
Indianapolis.

Science Club, Tipton High School, Tipton.

Union City High School Science Club, Union City.

Valparaiso High School Sciemus Club, Valparaiso.

Wabash High School Science Club, Wabash.

Washington Center Nature Lore Club, Columbia City.

West Lafayette High School Science Club, West Lafayette.