



JUNIOR ACADEMY OF SCIENCE PROGRAM OF FOURTH ANNUAL CONVENTION

Saturday, November 17, 1934

- 9:00 A. M. Call to order by the state president, M. M. Williams.
9:05 A. M. Talk by the chairman of the committee, Howard E. Enders.
9:35 A. M. Presentation of the state constitution.
10:30 A. M. Report of the advisory council.
10:45 A. M. Presentation of the constitution for subordinate chapters.
11:00 A. M. Presentation and acceptance of new members.
11:30 A. M. Installation of new state officers.
12:00 M. Recess.
1:30 P. M. Equipment and methods of preparing insects for collection (Lantern). Dr. Howard O. Deay, Purdue University.
2:00 P. M. Some difficulties that are encountered in sponsoring a science club. C. O. Pauley (given at close of meeting).
2:15 P. M. Some of the most troublesome weeds of Jefferson County. Mary E. Harrell.
2:30 P. M. Chemistry in Peace and War. Harry Hadd.
2:45 P. M. The inhabitants of a small pond. Ruth Hertz.
3:00 P. M. Our common butterflies. Merrill Eaton (omitted).
3:15 P. M. Some common rocks. Anna Thomas.
3:30 P. M. Our friends, the beetles. Robert Chattin (omitted).
3:45 P. M. Special report. Vivian Allen.
4:00 P. M. General review of the club activities. Discussion led by M. M. Williams.

MINUTES OF MEETING

The Indiana Junior Academy of Science met at Butler University, Indianapolis, Indiana, on Saturday, November 17, 1934, for its fourth annual meeting. M. M. Williams, sponsor of the Bloomington chapter, presided. The following chapters were represented by student members or sponsors:

HILLTOP NATURE STUDY CLUB, North Madison, Edna Banta, Sponsor.

SCIEMUS CLUB, Valparaiso, C. O. Pauley, Sponsor.

GENERAL SCIENCE CLUB, Bloomington, M. M. Williams, Sponsor.

BIOLOGY CLUB, CRISPUS ATTUCKS H. S., Indianapolis, C. E. Ransom, Sponsor.

CHEMISTRY CLUB SHORTRIDGE H. S., Indianapolis, Lois E. Martin, Sponsor.

NATURE STUDY CLUB—ARSENAL TECH. H. S., Indianapolis, C. E. Cox, Sponsor.

WASHINGTON CENTER HIKING AND NATURE LORE CLUB, Columbia City, J. H. Bjorklund, Sponsor.

WEST LAFAYETTE H. S., Anna M. Inskeep, Sponsor.

These chapters submitted annual reports. All except Whitley County group had exhibits of project work. Whitley County members could not attend because of transportation problems.

Approximately seventy-five persons were present at the morning session, and many more at the afternoon session.

The program preceding these minutes was followed. Annual reports were given in the morning business session. Two program reports were omitted and one number given in the morning in order to shorten the afternoon session and permit visiting students to accept an invitation to attend the football game between Butler and Valparaiso Universities, on the Butler Athletic Field.

The business session opened with a talk by Dr. Enders. He reviewed Academy progress, commended clubs for their activity and suggested some details and ways of making their work more acceptable to science.

Mr. Williams presented a plan for a state constitution, which included: a statement of plan and purpose; provisions for an official staff consisting of state sponsor, an advisory council of five sponsors, and state officers nominated by this council for this year; statements of duties of officers and requirements for membership; provisions for awards; and provisions for amendment of the constitution. Mr. Williams placed this constitution before the meeting in the form of a motion for its acceptance. Dr. Enders advised further consideration and amended the motion to the effect that the section providing for the Advisory Council and its duties be accepted as a working plan for the year. The state officers for the year 1934-1935 thus authorized are:

State Sponsor: Dr. H. E. Enders, Purdue University.

Advisory Council:

C. O. Pauley, Valparaiso, term 1934-1935.

Edna Banta, North Madison, term 1934-1938.

Lois E. Martin, Shortridge, term 1934-1937.

Emmet Stout, Crawfordsville, term 1934-1936.

M. M. Williams, Bloomington, term 1934-1935.

Officers elected to serve in 1934-1935:

President: Merril Eaton, Bloomington.

Vice-President: Carl Wood, Valparaiso.

Secretary: Ruth Hertz, North Madison.

Treasurer: Harry Hadd, Shortridge H. S., Indianapolis.

Dr. Enders reviewed requirements made by the Indiana Academy of Science, and suggested that chapter constitutions should conform to these, but otherwise be made to meet local needs. He presented names of new chapters and their sponsors. He urged activity in organizing clubs, but stated that a gradual growth in the Junior Academy would mean an active and enduring organization, a desirable aim. He suggested the desirability of continued work on a project covering longer periods of observation, of joint projects by groups. It was pointed out that the fact that a project or exhibit has been worked out by a member of a club does not make it a less valuable one for someone else.

The program features given by club members were presented in good form and showed what club work can accomplish in organization and presentation of material. The exhibits were varied and interesting. The partial list below will indicate their nature and variety.

Collections of smaller animals, weeds, fruits and seeds, ferns, wood sections and bark and leaves of trees, and a survey of life around and in a small pond, by North Madison.

Collection of butterflies and rocks, by the Bloomington Club.

Display of charts and nature calendars, by the Arsenal Technical Club.

A diagramatic display of "Chemistry of War and Peace," by the Shortridge Club.

Display of sources of common drugs, by the Valparaiso Club.

A collection of leaves of trees, by the Crispus Attucks Club.

A display of Types of Projects, including collections of the *Saturniidae* and of *Papilio* of this section, common rocks of Indiana, lichens, teaching set of conifers, a report of a pool and rockery project, an aquarium, and an astronomy project illustrated by slides—West Lafayette Club.

A model aeroplane was exhibited by the Montmorenci Club.

At the close of the meeting the question of the desirability of Friday, instead of Saturday, as a day for meetings was discussed briefly. Several favored it, believing a more profitable meeting could be held while the Academy meetings were in session.

ANNA M. INSKEEP,
Secretary of the 1934 Session.

JUNIOR ACADEMY OF SCIENCE CLUBS IN ORDER OF
AFFILIATION

1932

Charter members—Hilltop Nature Study, North Madison.

Sciemus Club, Valparaiso.

General Science Club, Bloomington.

Audubon Society, Crawfordsville.

Biology Club, Crispus Attucks, Indianapolis.

Chemistry Club, Shortridge, Indianapolis.

Science Club, Union City.

Nature Study Club, Technical Schools, Indianapolis.

Geography Council, North Side, Fort Wayne.

1933

Washington Center Hiking and Nature Lore Club,
Columbia City.

Jolly Hiking and Nature Club, Coesse.

Science Club, West Lafayette.

Astronomy Club, Tipton.

1934

Junior Academy of Science Club, Montmorenci.

Tri Science Club, Lincoln H. S., Cambridge City.

Science Club, Blaine Jr., H. S., Muncie.

Additional clubs have organized and are planning to affiliate with the Junior Academy of Science if they develop adequate interest in the course of the current year.