

1941

25th Annual Meeting, 1941. Program

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PROGRAM
25th Annual Meeting
The Arkansas Academy of Sciences, Arts, and Letters
Henderson State Teachers College, Arkadelphia, Arkansas
April 25-26, 1941

All sessions except the business meeting, are open to the public.

- Friday Morning, April 25, Science Building, Room 100
- 9:30 Registration. All members of the Academy and guests. (Name, college or office, local address).
- 10:30 Address of Welcome. President J. A. Day, Henderson State Teachers College.
Response. Dr. Delzie Demaree
Initial Business Meeting of the Academy. Minutes of the previous year. Treasurer's report. Report of standing committees. Report on Mobile meeting. Announcements. Presentation of new members. Appointment of Committees: Nominations, Resolutions, Auditing. New business. Suggestions as to location for next year's session.
- 12:00 Lunch
Colonial Tavern on Highway 67, just opposite the campus.
Downtown coffee shops and cafes.

GENERAL PROGRAM
Friday, 1:30 P.M.
(Two Sections)

Biological Science Section
Science Building, Room 202
Chairman -- W. C. Munn

1. Noteworthy Arkansas Plants. Delzie Demaree, A. & M. College, Monticello. 7 minutes.
2. Notes on the Prairies of Southeast Arkansas. Inez Ridge, Monticello A. & M. College. 8 minutes.
3. A Preliminary Report on the Legumes of the Arkansas Uplands. Orrin J. Henbest, Fayetteville. 15 minutes.
4. White Flower Forms of Colored Arkansas Wildflowers. Dwight M. Moore, University of Arkansas. 7 minutes.
5. Insect Injury in Fruit Development of *Aesculus discolor* Pursh var. *mollis* Sarg. Frances Lyle, Monticello A. & M. College. 7 minutes.
6. Further Observations on Heat Production among Galleria Larvae. T. L. Smith, College of the Ozarks. 15 minutes.
7. Responses of Polistes and Lucilia to various sugars. Cyril E. Abbott, Harding College. 10 minutes.
8. Notes on some Noteworthy Parasites of this Section. W. C. Hobgood, Monticello A. & M. College. 3 minutes.
9. Notes on an Albino Hog-nose Snake. Thomas Tucker, Monticello A. & M. College. 3 minutes.
10. Influence of Temperature upon Metabolic Rate of Rana Pipiens Embryos. Irvin A. Wills, John Brown University. 10 minutes.

Physical Science Section
Science Building, Room 302
Chairman -- H. Hyman

11. An Atomic Structure and Formula Chart. M. J. McHenry, Hendrix College. 10 minutes.
12. Small-Scale Fume Disposal. L. B. Roberts and Marjorie Chambers, Monticello A. & M. College. 10 minutes.
13. Selenium as a Catalyst in the Determination of Nitrogen in Cotton Seed Meal by the Kjeldahl Method. D. B. Brown, Jr. and P. G. Horton, Henderson State Teachers College. 10 minutes.

14. Vapor Pressures. I. Para Dichlorobenzene; Glycol Diacetate. L. B. Roberts, James D. Wolfe, and James E. Hawthorne. Monticello A. & M. College. 10 minutes.
 15. The Chemical Treatment of Light Petroleum Distillates, Review of Methods. Thomas Alfred Tennyson, Jr., Lion Oil Refining Company. 15 minutes.
 16. A History of the Development of Copper and Arsenic Salt Wood Preservatives, and some Considerations Affecting their Use. Frederick H. Vogel, University of Arkansas. 15 minutes.
 17. An Automatic Still from Stock Glassware. L. B. Roberts, Monticello A. & M. College. 10 minutes.
 18. Some 'Home Made' Special Purpose Laboratory Equipment. P. G. Horton, Henderson State Teachers College. 8 minutes.
 19. An Experiment in Teaching Students to Think. Harry I. Lane, Hendrix College. 10 minutes.
 20. Prerequisites versus Aptitude for Those Electing College Physics. L. B. Ham, University of Arkansas. 10 minutes.
 21. Double Resonator Amplification. Ribbon Detector. R. L. Morse, University of Arkansas. 15 minutes.
- 4:00 Final Business Meeting of the Academy. Report of Committee on Nomination of Officers. Election of Officers. Reports of special committees (Resolutions, Auditing, etc.). Election of new members. Sponsor for next year's meeting. Election of sectional chairmen. Unfinished business. New business. Science Building, Room 100.

6:15 Annual Dinner. Caddo Hotel. 60 cents.

8:15 Annual Public Lecture. Science Building, Room 100.
"Our National Parks" by Mr. Henry W. Lix, Acting Park Naturalist, Hot Springs National Park, Hot Springs, Arkansas. Lecture will be illustrated. Free and open to the public.

FIELD TRIPS
Saturday, A.M.

8:00 To site of historic salt works, one mile east of Arkadelphia.

9:15 To cinnabar mine and mercury refining plant of Caddo Quick-silver Corporation, 24 miles west of Arkadelphia.

GENERAL INFORMATION

Officers of the Academy for 1940-41

President - P. G. Horton	Henderson State Teachers
Vice President - D. Demaree	A. & M. College, Monticello
Permanent Secretary - L. B. Ham	University of Arkansas
(Term expires spring of 1943)	
Treasurer - W. R. Horsfall	University of Arkansas

Committee Members. Local

Miss Margaret Denison	Henderson State Teachers
C. A. Evans	Henderson State Teachers
H. H. Hyman	Henderson State Teachers
H. V. Matthew	Henderson State Teachers