

ginkgo only in Asia, the combination of bald cypress, hickory and oak only in the southeastern United States. Many thousands of years of climatic changes, of slow rise of mountain masses, of thrusting of deserts and dry grasslands into the once continuous forest belt, have acted to bring about this separation and sifting of species.

Science News Letter, January 3, 1942



SCIENCE CLUBS OF AMERICA

Sponsored by Science Service

NEWS OF CLUBS

DETROIT, Mich.—All of us have read about "strategic materials"; but how many are familiar with what they are, how they appear in their crude form, and what they look like when ready for commercial use? Nevertheless, members of the Mineral Club formed at Eastern High School, are surprisingly familiar with strategic materials. The reason is that this group has set up an exhibit of things important to our country's National Defense and is now also working upon conservation displays. The club is sponsored by Willard C. Moore, instructor in geography and geology.

MONTREAL, Canada—The Science Club of Sir George William's College (Evening Faculty) of Montreal, engages in discussions and demonstrations of chemical processes, and biological and physical phenomena. College level studies in psychology, scientific politics and economics are carried on avidly. The chairman of this club is Kenneth A. Hall. Membership in Science Clubs of America is not restricted to any age group. Young scientists need the guiding spirit of college men and graduates; they in turn, find affiliation with specialists desirable and helpful. Members of all ranks may be found in this international organization.

SCOTLANDVILLE, La.—Another college affiliate is the Just Biology Club at Southern University, sponsored by Dr. J. W. Hazzard and Mr. R. M. Ampey. Important among the activities of the club are discussions of topics brought up in biology classes. In this way there is an augmentation of college classroom work. Movies on biological subjects, exhibitions, publications, guest speakers and the preparation of scrapbooks and herbariums are some of the other efforts.

RALEIGH, N. C.—National Defense and conservation play an important role in the programs of many science clubs. The W.H.S. Science Club formed at Washington High School, is carrying on laboratory projects to demonstrate the making of the more common household products such as baking powder, soaps, inks, and pure food dyes; while others are conducting nutrition experiments. The club is sponsored by Mrs. Fanny V. Latham, teacher.

HERSHEY, Pa.—The program for the Science Forum, a club formed at the Hershey Industrial School, will be based on scientific developments as they relate to our National Defense. This club fingerprints all new students entering the school and will have over a thousand fingerprints before the term is over. Its exhibits will be entered in local science fairs. In May the group will hold its own Fourth Annual Fair. The club is sponsored by Charles L. Bilke of the science department.

LOCKHAVEN, Pa.—Helping the National Defense problems at home and making plans for bettering recreational facilities in their vicinity is part of the job undertaken by an independent group known as the Science and Engineering Club, sponsored by Clair S. Hursh, a ceramic engineer, engaged in research. Some research problems are given to the members for solution.

OWOSSO, Mich.—As long ago as Biblical times the observation was made and recorded that when there is no grass on which animals may feed, one of the first and most characteristic symptoms is blindness. Today we know that grass and green-growing plants contain a yellow

pigment, carotene, the precursor of Vitamin A, which when absent from the ration of animals produces blindness. Some members of the Scintilla, a club at the Owosso High School, are experimenting with this vitamin while others are qualitatively analysing unknowns used in everyday life. The club is sponsored by F. W. Moore, chemistry teacher.

PITTSBURGH, Pa.—Everything directly or remotely connected with microscopic work and techniques is of interest to members of the 'Scope Club at Taylor Allderdice High School. Making slides, mounting specimens, micro-projection and photo-micrography are a few of the interests. The members also are mounting insects in plastics which they will exhibit at the Science Fair at Pittsburgh. This group under sponsorship of Mae Weber Smith, biology teacher, also is affiliated with the Pennsylvania Junior Academy of Science and the A.A.A.S.

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● RADIO

Saturday, January 10, 1:30 p.m., EST

On "Adventures in Science," with Watson Davis, director of Science Service, over Columbia Broadcasting System.

Dr. Harvey C. Rentschler, director of the Westinghouse Lamp Division research laboratories, will discuss his work with ultraviolet against viruses. Listen in each Saturday.

Tuesday, January 13, 10:15 p.m., EST

Science Clubs of America programs over WRUL, Boston, on 6.04 and 11.73 megacycles.

One in a series of regular periods over this short wave station to serve science clubs, particularly in high schools, throughout the Americas. Have your science group listen in at this time.



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