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To Editor:—The news in this bulletin is prepared especially for the press, and is released for publication on the date below. Please address exchange copies to Editor, 711 Langdon Street.

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THE UNIVERSITY OF WISCONSIN PRESS BULLETIN

The purpose of this Bulletin is to bring to the newspapers of Wisconsin and their readers—the people of the state—pertinent news and information concerning their State University. The University Press Bureau will gladly furnish any special news or feature stories to editors. Address letters to R. H. Foss, editor, Press Bureau, University of Wisconsin.

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Vol. 31, No. 28

School Films and Slides Increase In Public Favor

Demand For Visual Aids For Community Use Reported Doubled in Year

Films and slides for educational and other community uses were in greatly increased demand in the last year as budgets permitted enlargement of visual aid programs in Wisconsin communities. This is indicated in figures supplied by J. E. Hansen, chief of the bureau of visual instruction, University of Wisconsin Extension division, showing the volume of these services as twice that of the previous year.

More than 85 per cent of the bureau's film service is asked by schools, according to Mr. Hansen. The motion picture reels, the list of which makes up a large catalogue, are also used by farm and community meetings, churches, CCC camps, service and other clubs.

How film shipments have increased in recent years is shown by the following totals: 1932-33, 3,444; 1933-34, 4,537; 1934-35, 9,185; 1935-36, 18,000.

The number of lantern slides sent out in each of the last four years was as follows: 1932-33, 114,314; 1933-34, 53,560; 1934-35, 68,173; 1935-36, 112,296.

The photographic work of the bureau, according to Freeman H. Brown, in charge, also doubled last year. Among major projects in this field was a silent film, "Sweetening Wisconsin's Soil," illustrating the state's liming program, which was produced in cooperation with the Works Progress administration.

All Wisconsin football games were filmed in full length, and all home basketball games will be produced for athletic department uses.

With a view to making modern visual aids available eventually to rural schools, town halls and other rural centers now without electricity, the bureau is cooperating with the state office of the National Youth administration in a survey of existing lighting conditions in such rural buildings in 35 Wisconsin counties. As electric current is brought to rural community buildings, motion pictures and other projected pictures will be offered to them, under the bureau's plans, in an effort to give rural people more of the educational and recreational advantages that are now common in urban centers.

Alumni Give \$500 For Prize Awards in Annual U. W. Oratory Contest

In a move to continue the furthering of forensic activities on the State University campus, the Wisconsin Alumni association has appropriated \$500 to the University department of speech to be used for making first prize awards in the annual Frankenburger oratorical contest for the next five years. John Berge, executive secretary of the association, announced recently.

The Frankenburger oratorical contest carries a cash award of \$100 to the winner. Last year, the alumni association awarded the \$100 prize for the first time.

Berge explained the recent action of the association saying: "In our opinion the Frankenburger oratorical contest is one of the biggest activities on the campus today and the Alumni association feels that such meritorious endeavor should receive our full support."

Commenting on the association's gift, Prof. Andrew T. Weaver, chairman of the department of speech and Wisconsin's representative in the Northern Oratorical League, said: "The department of speech is deeply appreciative of the generous action on the part of the directors of the Alumni association in voting to provide the \$100 Frankenburger award for each of the next five years."

"We believe that this investment of alumni funds will pay large dividends in developing a significant aspect of the University's life, and we are grateful for this concrete and substantial evidence of alumni confidence and support for the project."

The Frankenburger contest was established by the late Regent M. B. Olbrich and two distinguished members of the University of Wisconsin Alumni association, William S. Kies of New York and Joseph E. Davies of Washington, D. C., in memory of Prof. David B. Frankenburger, chairman of the department of rhetoric and oratory at the university from 1869 to 1906. Last year, the contest was won by James Doyle, Oshkosh, who was recently elected senior class president.

U. W. MAN AT ENGLISH MEET

Robert C. Pooley, professor of English at the University of Wisconsin, is one of the speakers on the program of the 25th anniversary meeting of the National Council of Teachers of English being held in Boston, Mass., this week. Formerly vice-president and now a director of the organization, Prof. Pooley is scheduled to address the council on "The Responsibility of Teachers of English to Fight War," and is to preside over a special meeting on "Problems in Teaching of Literature."

U. Geology Museum Exhibits Meteors Which Have Fallen on Wisconsin Soil

An exhibit of meteorites which have fallen in the United States and in various parts of the world, including four which dropped in Wisconsin during the past 5 years, is now installed in the geological museum in Science hall at the University of Wisconsin. The exhibit has just been arranged by Ray Wilcox, curator of the museum.

Although some of the following meteors were witnessed by inhabitants, many of them fell before the country was settled and later were discovered when plowed up by farmers. The time when a meteorite is going to fall cannot be foretold like the date of the return of a famous comet. However, in the middle of November of every year, there is a "shower" of meteors all of which are so small that they burn up before reaching the earth.

Three Types of Meteors

Meteors in the museum are of three different types: The iron-nickel meteorites, the stony meteorites, and a third kind which is a mixture of iron and stone.

The Wisconsin meteorites now on display include those which fell in the years 1865, 1868, 1911, and 1917. Chief among these Wisconsin meteorites is the Trenton, the largest one in the group which was discovered in six different pieces between 1858 and 1870. This meteorite is important not only for its large size but because of its historical significance, as it is one of the earliest meteorites found in the United States.

Four miles west of Algoma, a hired

man plowed up a peculiar metallic stone in 1887 which turned out to be a remarkable meteorite. William Gaffney, while working in the barnyard of his farm near Wisconsin Dells, on June 16, 1911, heard a thundering noise which was caused by a meteorite crashing into his barn. He dug up the stone but could not hold it because of its intense heat. This is the museum's smallest meteorite, weighing only two pounds.

Two meteorites which fell in Wisconsin, but are not in the museum collections are the Vernon county and the St. Croix county meteorites.

Frightened Indians

Of great interest to meteorite observers is a portion of the huge Canyon Diablo meteorite which fell in Arizona many years ago. This meteorite made a crater 600 feet deep and more than a mile wide. The superstitious and fearful legends which the Indians attach to this mammoth crater make it very likely that their ancestors witnessed the spectacle of the fall itself and regarded it as a terrible visitation or a sign from the angered spirits.

Meteors which fall at night are visible while falling but are difficult to find after they have struck the earth. On the other hand, those which fall during the day not only leave a visible trail of smoke, but also make a cloud of dust where they land. The majority of the 475 meteorites which have been seen to fall, and have been found, have occurred during daylight hours.

U. W. Journalism Grads Get News, Advertising Jobs in Wisconsin

Wisconsin newspapers, advertising agencies, and publicity departments, and out of state publications have given employment to 26 of this year's graduates from the school of journalism of the University of Wisconsin, according to figures released by the journalism department.

Of the 1936 graduates, 16, including seven women, are now employed on 13 papers in Wisconsin while the others are working in other journalistic or advertising work.

The 1936 graduates and the newspapers on which they are employed include:

Elizabeth Coleman, Billings, Mont., is now working as a reporter on the Great Falls, Mont., Tribune; Elizabeth Egeland, Onalaska, is telegraph editor of the La Crosse Tribune; Robert Frank, Topeka, Kan., is special correspondent of the Wisconsin State Journal, Madison; Randolph Hasse, Alma, is on the Rice Lake Chronotype; La Verne Hoffman, Burlington, is on the Racine Journal-Times;

Lucile Juckem, of Madison, is writing for the Medford Star-News; Rex Karney, Eau Claire, Shawano Leader-Advocate; Frances Kluck, Ironwood, Mich., Ironwood Weekly; Violet Pflueger, Crystal Lake, Ill., Wisconsin Rapids Tribune; Edwin Rosenthal, reporter on Buffalo Times, Buffalo, N. Y.; Clarice Rowlands, Cambria, Oconto County Reporter; Elizabeth Steffen, Sheridan, Wyoming, Green Bay Press-Gazette; Jay Tompkins, Staten Island, N. Y., Milwaukee Journal; Rod Van Every, Eau Claire, Tomahawk Leader; and Merlin Wharton, Cuba City, Delavan Enterprise.

Students who are now members of other journalistic establishments or advertising concerns and their home towns are:

Constance Bleyer, Lorain, Ohio, who teaches journalistic writing in the Lorain high school; Irene Bozak, Milwaukee, is publicity writer for the Metropolitan Committee on Crime Prevention, Milwaukee; Virginia Call, Green Bay, publicity work, Green Bay Gas and Electric company; Anthony De Loranzo, Racine, United Press bureau, Madison.

Nathan Hiken, Milwaukee, is a member of the Hiken Press Syndicate, of Hollywood, Cal.; Clarence Lund, Eau Claire, advertising man Chicago meat-packing company; Glen McGrath, Madison, Wisconsin Press Association, Madison; Lewis Mentlik, New York, N. Y., advertising manager for New York clothing firm; Joan Oldfather, St. Ligorne, Ind., advertising manager, Madison department store; and Neal Rothman, Stevens Point, is on the advertising staff of a Milwaukee department store.

U. W. Alumni to Hold 'On Wisconsin' Meets in Key Cities of U. S.

A series of "On Wisconsin" dinners, the purpose of which is to bring the University of Wisconsin and its aims and ideals to alumni groups in key cities of the United States, was inaugurated in Milwaukee Tuesday night at a dinner meeting sponsored by the Wisconsin Alumni club of Milwaukee.

The Milwaukee meeting was addressed by Pres. Glenn Frank, Harry A. Stuhldreher, director of athletics and head football coach; John Berge, executive secretary of the Wisconsin Alumni association; and Harry A.

Experiments designed to reveal the curative effects of certain drugs on tiny disease-carrying micro-organisms known as "trypanosomes," which may lead to the discovery of new kinds of drugs that will be of help in curing syphilis and certain diseases dangerous to domestic animals and to man, are being carried on in the pharmacological laboratories of the University of Wisconsin.

Dr. Arthur L. Tatum, professor of pharmacology at the State University, announced this week that he has been trying to determine, through experiments conducted in the laboratories, why different species of the trypanosomes, or disease-causing micro-organisms, some of which produce African sleeping sickness while others cause serious diseases in livestock, are so differently susceptible to drug therapy.

Some of these disease organisms are easily cured whereas others are extremely difficult, Dr. Tatum, who recently reported on his experiments before the National Academy of Science, said. The experiments so far have resulted in the first clear-cut differentiation of drug groups or types affecting widely different kinds of trypanosomes, he revealed.

The net result of the studies to date leads to the conclusion that in some instances the curability of certain infections is determined by the cooperative processes of the infected host, or by the type of drug, or by combinations of both. Because the response of trypanosomes to drugs is close enough to a somewhat different type of disease-causing organism which causes syphilis, it is believed by Dr. Tatum that the experiments may lead to some considerable information relative to the cure of syphilis.

Wisconsin 4-H Team Best Demonstrators in National Contest

The Wisconsin 4-H team, demonstrating the production of clean milk, was declared winner of the demonstration contest sponsored by the National Buttermakers' association at its convention held at La Crosse.

The team, composed of Hiram Thompson and Harold Matteson, students at the Blair high school, was the winner in the state elimination contest held at the state buttermakers' convention at Fond du Lac in October. Herbert Chapman, teacher of agriculture in the Blair high school, was coach.

States which sent competing demonstration teams to the national contest were Iowa, Minnesota, South Dakota, and Wisconsin. A. B. Nystrom, senior extension dairyman, bureau of animal industry, U. S. department of agriculture, was judge of the contest.

Bullis, Minneapolis, president of the association, Harold W. Story, prominent Badger alumnus, served as toastmaster.

The purpose of the series of Wisconsin rallies, as explained by the Milwaukee club, is as follows: "There is a new spirit of 'On Wisconsin' manifest at Madison, but knowing that many loyal sons and daughters of Wisconsin cannot revisit the campus as often as they would like, the State University is going 'on tour'—visiting alumni groups in key cities of the United States."

U. W. Mushroom Club Celebrates 25th Year

What kind of mushroom is that? Do we dare eat it?

When you are in doubt about certain kinds of mushrooms, perhaps you may want to ask the Mushroom Club at the University of Wisconsin. This unique club, the oldest of its kind in the northwest, celebrated its silver anniversary this fall.

Organized in 1911, with the aim of encouraging people of Wisconsin to know mushrooms that are native to the state, the club has grown from a small group of University people to an extended membership of a thousand interested people from all walks of life.

Displays of common and rare species of mushrooms are featured at its meetings with members often contributing as many as 100 or more species at a single meeting. President of the club is Charles E. Brown, director of the state historical museum; vice-president is R. H. Denison of the University botany department; and Dwight E. Kelsey, Madison, is secretary-treasurer.

State U. Men Invent Device to Force Stars to Guide Telescopes

A unique astronomical device, known as an "automatic guider," which has the power to force a star millions of miles away from earth to guide and affix the eyepiece of a telescope directly on its center so that the star can be accurately photographed, has been invented by two young astronomers in the Washburn Observatory at the University of Wisconsin.

The two young astronomers are A. E. Whitford and G. E. Kron, who reported on their invention at the recent sessions of the National Academy of Science.

Pointing out that during long photographic exposures the astronomer must have his eye fixed at the eyepiece of a telescope, in order to keep the instrument centered exactly on the object being photographed, the two astronomers revealed that their "automatic guider" delegates this tedious task to a tiny photoelectric cell.

In using the guider, the light of the guiding star is divided into two beams by a reflecting knife edge, and the two beams are made to shine alternately on the light-sensitive surface of the cell, they explained. If the star is not centered exactly, one beam will be brighter than the other and a flickering intensity will result. Suitably amplified, the flicker controls a motor which makes the proper correction to center the star on the knife edge and reduce the flicker to zero, when the telescope's eyepiece is centered exactly on the star.

In order to make the extremely small amount of starlight available actuate the mechanism, the feeble impulse from the star must be amplified as much as a billion billion times, the Wisconsin astronomers said. They admitted that the instrument is still in the experimental stage, but successful preliminary tests have been made with the 60-inch telescope of the Mount Wilson observatory in California, and although artificial errors were introduced into the driving mechanisms of the telescope, the guider continuously corrected them and produced satisfactory star images which were photographed.

Fifty Waterworks Operators of State Attend U. W. Course

Fifty waterworks superintendents and operators from communities scattered throughout Wisconsin attended the fourth annual state waterworks operators short course held at the University of Wisconsin last week.

Built around the practical work of Wisconsin municipal waterworks operators, the course, which consisted of 15 lectures and four laboratory demonstrations given by expert hydraulic and sanitary engineers during four days of classes, was designed to aid the operators in more effectively and efficiently operating their plants for the benefit of their communities.

Those attending the fourth annual course were: Blaine Page, Shawano; Andrew Marx, Menasha; P. J. Peterson, Montreal; Julius Stosick, South Milwaukee; Frank Gates, Oshkosh; Leo Nelson, Racine; Leland Shaw, Baraboo; J. H. Barth, La Crosse; Mancel Dickerman, East Troy; C. C. Lee, Wisconsin Dells; G. C. Ankonius, Fort Atkinson; O. H. Recla, Niagara; A. H. Roll, Chilton; J. Angel, Jefferson.

Walter Jindra, Two Rivers; E. J. Braun, Fond du Lac; H. J. Schneider, Oshkosh; E. S. Cary, Evansville; E. L. Blackburn, Waunakee; R. S. Houts, Rice Lake; R. H. Henke, Wauwatosa; E. W. Storm, Algoma; W. U. Galbraith, Appleton; J. C. Zufelt, Sheboygan; Martin Bremser, West Bend; L. A. Bibelhausen, Neopit; James Bonnar, Racine; Wm. Schaub, Keweenaw; Wm. Krueger, Tomahawk; V. K. Tharp, Green Bay; H. W. Jackson, Antigo; N. B. Thayer, Elkhorn; L. E. Volk, Rhinelander; P. E. Capraro, Two Rivers; John Rotzoll, Wausau; F. W. Muselman, Monroe; J. W. Myers, Kenosha; H. F. Weckwerth, Kaukauna; L. E. Spratz, Reedsburg; E. M. Drewry, Whitewater; and H. Cushman, Lodi.

300 Badger High School Editors to Attend U. W. Meet

To Consider Their Problems With Experts at Convo Friday-Saturday

Newspaper and yearbook writing, editing, and business problems will be considered by more than 300 high school editors who are gathering on the campus of the University of Wisconsin Friday and Saturday of this week for their annual Wisconsin High School Editors' conference.

Sponsored each year by the State University's school of journalism, the conference brings to the Wisconsin campus newspaper and yearbook editors and business managers and their faculty advisers from high schools scattered throughout the state. The conference will open with a general session at 10 a. m. Friday in the Wisconsin high school auditorium on the University campus. Prof. Grant M. Hyde, director of the school of journalism, will speak on "Qualifications and Training for the Journalist" at the opening session.

The program for the conference, as announced by Prof. Hyde, consists of 25 sectional round-tables at which will be attacked in practical fashion the various problems in writing, editing, make-up, typography, engraving, and business management faced by the high school newspaper and yearbook editors and business managers.

Faculty advisers who attend the conference will participate in round-table discussions on their own problems, and will attend a special luncheon for advisers at noon Friday. Two subjects of general interest to advisers, "The New National Curriculum Plan," and "Current Problems of the Adviser," will be discussed at the luncheon.

A feature of the conference again this year will be the annual "Stunt Banquet," to be held in the University's Memorial Union building Friday night. All of the entertainment at the banquet, such as skits, dialogues, recitations, one-act sketches, musical numbers, and so forth will be provided by the delegates to the conference.

The conference will come to a close Saturday morning with critical round-tables, at which school newspapers, magazines, and yearbooks will be presented for criticism, at 9:30 a. m., and tours of the Wisconsin campus at 11 a. m.

Famous Paintings Added to Extension Art Series

As an aid to study in the field of art, the Extension division of the University of Wisconsin has published a study aid of 70 pages entitled, "Painting, Beginning with the Renaissance," with the purpose of making available to groups and individuals the best literature on the subject. Voluminous references to pertinent books and periodicals are given in the pamphlet of 22 studies bearing on the lives and works of 72 painters since the Renaissance. Twenty-two colored prints also are included.

This compilation follows one on Architecture in the Extension series of study aids. Both were prepared by Miss Margaret Trainor, of the department of debating and public discussion, Extension division, with the cooperation of Prof. Della Wilson, of the department of art education, University of Wisconsin.

WIN DISCUSSION CONTEST

Byron Johnson, Oconomowoc, Conrad Hoepner, Spooner, and William Senske, Spokane, Wash., won the intramural discussions contest held on the University of Wisconsin campus recently. Representing the Hesperia society, they defeated the strong Delta Upsilon fraternity group by a narrow margin. The two teams discussed the topic, "What should be the students attitude towards world peace?"</p