

NO HOLES IN UNIVERSE DECLARES MC ALISTER

Dark Spots in Heavens Are Merely Dust Clouds

"Barnard's Black Nebulae, first announced as such about ten years ago by Professor Barnard of Yerkes observatory of Chicago university, are not holes in the center of the universe, as some people used to believe, but merely dust clouds," is the statement of Professor E. H. McAlister of the astronomy department.

"When Professor Barnard first began studying these spots they puzzled him," said Professor McAlister. "He worked on the phenomenon for years, making pictures of all kinds and finding them from all angles. He finally reached the conclusion that they were just dust clouds in the universe, and this in the conclusion generally accepted."

To the casual observer these spots appear as black holes in the sky. There are millions and millions of stars located around them, but they appear as holes in the structure of our universe.

"It is Barnard's theory that these black spots are collections of dust, or dark nebulae," he said. "The repulsion of light throws off fine particles of dust and this is the way these clouds have been discharged from the various suns and heavenly bodies. The fine particles collect at some spot where the repulsion from the different suns is nearly balanced."

An article was published in the January, 1924, issue of Scribner's magazine on the subject. "There are some fine photographs of the black nebulae printed along with the article," said McAlister. "It certainly would be worth the while for those interested to look up this article and read it through."

FEBRUARY'S HEAVENS HOLD UNUSUAL SIGHTS

Aldebaran Will be Hidden by Moon on Thirteenth of Month for One Hour

The month of February holds two wonders in the astronomical world, according to Professor E. H. McAlister of the astronomy department. On Thursday evening, February 7, the planet Venus, which is the brightest of all the planets, was very close to the moon.

On Wednesday evening, February 13, the bright star Aldebaran will be hidden by the moon, which will pass between the earth and the star, said Professor McAlister. To the astronomer this is known as occultation. It will last for approximately one hour, he said. The same thing will occur again in the early morning of March 15, at about 4:30 o'clock. "I hope that those who are interested in the phenomena of the heavens will have enough courage to get up that early in the morning for this occultation certainly will be, worth their while," was the statement given by the head of the astronomy department.

"These movements in the skies are considered of such interest and importance by astronomers," said Professor McAlister, "that the astronomer Frost, of Yerkes observatory of Chicago University, is planning on taking moving pictures of the events."

DAINTY DANCERS WILL CAPER BEFORE CROWD

(Continued From Page One.)

forthcoming production of the Junior vovvil.

Those who are to be initiated are: Ken Bailey, Gene Shields, Bill Williamson, Jack Bliss, Al Sinclair, Jens Terjeson, Lonie Anderson, Ed Kirtley, Gordon Wilson, and Bob Mautz, who have won their letters in football; Elmer Hardenburg, Jack Hunt, and Art Tuck, who made their letters in track; Sam Cook and Vic Brooks, who are baseball lettermen; and Frank Rice, Harry Meyer, and George Hayden, tennis lettermen.

AGGIE HOOPERS WILL MEET VARSITY TODAY

(Continued from page 1)

who will be on the Aggie bench for emergency work.

Game to Start Promptly

The doors of the armory will open at 6:45 tonight, and the game will start promptly at 7:30. Botsford, of the Reed college physical education department, will officiate in the two game series.

Due to the expense of renting the armory, it is imperative that students keep out of the reserved seat section until after the game is well under way, or until they are notified that they may move into the reserved section. Student body tickets will have to be pro-

duced at the door this time and in all the remaining big games.

Graduate Manager Benefiel plans to have at least 300 more seats placed in the ground section in order to accommodate the crowd which is expected for the clash. Interest in basketball is appearing throughout the state. A telegram received by Benefiel requested three reservations for both games with the Aggies.

ASSISTANT IN BOTANY ELECTED TO HONORARY

Maurice Gourley Becomes Member of Society of American Bacteriologists

Maurice Gourley, a senior in the University, majoring in medicine, and an assistant in the bacteriology laboratory, has received election as a member of the society of American bacteriologists, a national organization. Dr. Albert R. Sweetser, head of the botany and bacteriology department at the University, is the only other member of the organization on the campus.

The society of American bacteriologists has a branch organization in various states. Dr. Frank R. Menne, of the University of Oregon medical school in Portland, is president of the Oregon branch, while Dr. Sweetser is secretary-treasurer. The society is an authority on bacteriology work, and publishes the "Journal of Bacteriology," a monthly magazine containing reports and articles on research work. The organization holds a national meeting once a year. The state of Oregon has had a branch of the society for two years.

At a meeting of the Oregon branch in Portland, February 1, Dr. Sweetser gave an address on "Water Analysis."

LANTERN SETS INCLUDE NINE THOUSAND VIEWS

January Extension Division Monitor Describes and Explains Uses For Slides

"Nine thousand views, divided into 235 different sets, now make up the stereoscopic lantern slide library of the University of Oregon extension division," says a report of the Nisual instruction department given in the January number of the extension division Monitor.

"The slide service of the extension division is available to schools, communities, clubs, organizations, societies, churches, lodges, granges, boy-scouts, chambers of commerce, and any organized group in Oregon," continues the Monitor. "There is no cost except transportation both ways."

"This year also the extension division has been made the distributor for the educational films of the National Bureau of Mines of the Department of the Interior, the article states. "The pictures, 12 in number and consisting of 4 reels, constitute some of the finest educational pictorial material anywhere available. They have been particularly popular among the schools and colleges for instruction in the sciences, and also have been used by the geology and chemistry departments of the University of Oregon."

ABILITY TO SEE AHEAD MADE WILSON GREAT

(Continued from page one)

obsolete state government into one of the most progressive in the Union. Woodrow Wilson's nomination for the presidency of the United States in 1912 came because he had the clearest record of progress and because it was thought he would make the greatest appeal to the voters, the speaker asserted.

"When Wilson was elected it became evident who was at the wheel," Dean Sheldon declared. "He considered the views of others and took counsel from his advisors, to be sure, but when his mind was made up it stayed made up." The first two years of Wilson's administration, the Dean regards as being a record of administrative achievement.

In foreign policy Wilson was a disciple of Jefferson. He had faith that other people could regulate their own affairs and, so long as they did not interfere with the progress of this country, he was willing to let them do it.

Wilson, the Dean said, was a confirmed pacifist. He stayed out of the world's war until 1917 because he read the true drift of American public opinion.

Wilson was greater as a moral leader and a statesman than as an executive, Dean Sheldon believes. The World war was, however, far better managed than the Spanish-American war, and graft, even during the period of shipbuilding, would not compare with the corruption in the Civil war period.

In giving the League of Nations for the world, Wilson sacrificed all other ideals that he had taken to the Peace conference with him. The result was the League of Nations, which at least serves to focus the attention of the world on great problems.

When the President returned to America with the treaty, the League plan was rejected by the United States senate. The president threw himself into the breach and started to stump America and win the confidence of the constituency in the senate. The attempt cost the president his life. He was, however, once heard to remark, "If I could succeed in winning America to the League of Nations I would be willing to die tomorrow."

"The American people didn't know just what to think of the League," Dean Sheldon said. "It was utterly opposed to all traditional policies of the country."

Dean Sheldon then compared Woodrow Wilson as president of the United States with Abraham Lincoln. Lincoln, he pointed out, had in much greater degree, the ability to get along and harmonize with all sorts of men working under him. Wilson's Scotch-Irish temperament hindered him from working harmoniously with the other men. His ability to read the public mind was, on the other hand, almost uncanny.

The address was preceded by a solo, "These Are They," sung by Prof. John B. Siefert, of the school of music. Rev. W. H. L. Marshall gave the invocation.

NEW OFFICIALS ELECTED BY MUSICAL FRATERNITY

Ronald Reid was elected president and Don Johnson treasurer of the local chapter of Phi Mu Alpha, national honorary musical fratern-

ty, at a special meeting of the organization at the Anchorage yesterday noon. The election was made necessary by the resignation of Frank Dorman, former president, and James Purcell, former treasurer.

PLAY MERITS APPROVAL

Lon Chaney's Work in "Hunchback of Notre Dame" Lauded

Student opinion on the campus seems well agreed that the "Hunchback of Notre Dame" is everything that the advance notices promised for it.

Lon Chaney's characterization of the hunchback seems to be the outstanding feature of the play for University people. Chaney's work is followed closely by the large number of movie fans that always exists among the youth of a University student body.

The management of the Heilig, where the film class is due to run for the next two days and Monday, reports that the percentage of students in the audiences is heavy. The appeal of the massive settings and the careful work in having each detail of the play absolutely correct, according to the standards of the period which the picture depicts, is especially appreciated by the more critical minds in the audience.

A great many students of French history and literature are taking special note of the details of the play.

W'S MAY BECOME F'S

Faculty Will Vote on Official Student Withdrawals

The committee on academic requirements of the University will present a motion at the next faculty meeting dealing with unofficial withdrawals. The motion is as follows: Resolved: That when a grade of "W" is reported for a student who has withdrawn unofficially from a course, without following the procedure prescribed by the University regulations, the registrar's office shall report the same to the scholarship committee which shall, upon a verification of the facts, change the grade of "W" to "F."

Faculty meeting, which was to

have been held Wednesday has been postponed for a week.

NEW LICENSE PLATES MUST BE PROCURED

Cars Cannot Be Operated Any Longer on Last Year's Tags Says Secretary of State

Students who have cars for which they have not yet received 1924 license plates will be running the risk of arrest if they operate them from now on. Due to congestion in the office of the secretary of state at Salem peace officers allowed cars to be operated during January on their old license plates until the new ones were received. A letter from the secretary of state to officers charged with the enforcement of the traffic laws states that the operation of cars on 1923 license plates will not be allowed any longer this year.

All motor vehicle owners, who have not secured 1924 license plates, should submit their applications therefor through the sheriffs of their counties and first secure temporary license tags in case they desire to operate their cars from the date application for license is made. In case the car owners do not intend to drive the permanent license from the secretary of state, applications should be made to that official.

HEALTH CONDITIONS SHOW IMPROVEMENT

Fewer Students Ill With La Grippe Than in Previous Year Says Dr. Livingston

A decided improvement in campus health conditions has been marked this last week, according to Dr. W. K. Livingston, in charge of the University health service. Monday and Tuesday, the two busiest days of the week for the health department, have been much lighter in the number of calls at the dispensary than at any other time during this term. Monday there were eighty calls. Instead of over 100 which is the usual number, and Tuesday was correspondingly lighter.

General health conditions this year have been much better than they were last year, said Dr. Livingston. Last year during the first month and a

half of school the infirmary was almost always full and in addition two or three students were at each living organization with the grippe. This year, he said, there were not nearly so many students in the infirmary and not nearly so many in the organizations with the grippe and the grippe was of a much milder form. Last year there were about twelve cases of pneumonia and this year there were only two and those were in very mild form.

EDITOR OF OREGONA RETURNS TO CAMPUS

Freda Goodrich, editor of the Oregonian, has returned to the campus from Portland and Oregon City, where she has been spending several days conferring with the

MADDOCK IS CHOSEN NEW FOOTBALL COACH

(Continued from page one)

as a lineman. Not only was he chosen by Walter Camp as All-Western tackle, but he was named by Yost and Casper Whitney as All-American tackle in 1903. He had the reputation of being the best all-round athlete at Ann Arbor in his time.

Coach Maddock is 42 years old. He is ready to report to the University for spring football practice. Members of the executive council express great confidence in the new coach.

GO TODAY!
—Till Saturday MIDNIGHT!

The NEW REX BEACH STORY
Castle Comedy "SCHOOL PALS"
RUNYAN on the Organ
The Castle
Where Prices Never Raise

ALLAN DWAN PRESENTS
Rex Beach's
"BIG BROTHER"
WITH TOM MOORE RAYMOND HATTON EDITH ROBERTS
A Paramount Picture

Steaks and Roasts

Fresh, tender—really a pleasure to prepare and an ideal meat item for the most exacting.

Remember, Housemanagers, it is not much of a task to determine your meat selections here. Our refrigerator and ice-cooled counters always hold plentiful suggestions. Drop in today or use the convenient method—call 37 for quality in meats.

The Home of Government Inspected Meats

D. E. Nebergall Meat Co.
66 9th Avenue East Phone 37

Student to Student
We want you to feel at home
Ye Campa Shoppe
"STUDENT OWNED"

DROP IN AND HEAR
Ray Graham's Collegians
IN CONCERT EVERY DAY

"CHAPPIE," '22 "WOODY," '25

MATTRESSES MADE OVER RETURNED SAME DAY
BUNK MATTRESSES A SPECIALTY Handy Couches \$9
O'BRIEN MATTRESS COMPANY
391 East 8th Avenue Phone 399

The Service-Giving Store
our guarantee . . .

Perfect satisfaction or your money refunded is our policy. We give you the best service—the best merchandise—at the minimum price. Buy where you get your money's worth.

Drugs	Stationery
Linn's Cold Tablets .25c	Lawnville Linen, lb. .65c
Linn's Cough Medicine .25c	Polo Cloth, lb. .85c
Dike's Liver Salts .25c	Piccadilly Sport Cloth pound \$1.00
Linn's Liver Lifter .25c	

University Pharmacy
Free Delivery "We Fill Prescriptions" Telephone 114

Quality in Printing

We have built up a thriving business on Service—Individual Service to each customer, coupled with promptly executed orders.

Have your dance programs, announcements and house printing of all kinds printed here. Multigraphing expertly done.

Fischer Mail Advertising Company
728 Willamette Phone 223

A NATION-WIDE INSTITUTION -
J.C. Penney Co. Incorporated
312 DEPARTMENT STORES

Smart New Cap It's a "Waverly"

Made of soft light weight, smooth finish cassimere. Full satin lined. A good style, remarkably priced.

\$1.49
"Let Us Be Your Hatter"



Want a Change for Breakfast?

Breakfast Brownies—The chocolate cereal. This delicious breakfast food, composed of nutritive parts of the cereals and chocolate, proves very popular with the children.

Malt-O-Meal—An instant breakfast food. Two minutes to cook. Composed of wheat and malted barley. Makes an excellent breakfast cereal or pudding.

Whe-Ta-Lon—A straight, whole-wheat cereal, made at Salem, Oregon. Ground coarse and claimed to be a perfect health cereal.

Wheat Granules, Brown Rice, Coarse Whole Wheat Are a Change!

In Any Pot
Reliance Coffee Is Good Coffee
40c Pound Package

Our Model Kitchen Products Are Different
BREAD, CAKES, ROLLS, PASTRIES, SALADS AND COOKED FOODS

All Made and Baked the Home Way

Dice Grocery Co.
3 Phones, 183 Eighth and Olive