

CELESTIAL BODY TO BE OBSCURED

Eclipse of Aldebaran Will Occur Wednesday

EVENT IS PHENOMENAL

Star Is 33,000 Times Size of the Sun

Aldebaran, a star with a volume 33,000 times larger than the sun and so far away that light from it takes 50 years to reach the earth at the rate of 186,000 miles a second, will be hidden from view of earthly observers next Wednesday night. To Eugene observers the star will disappear just after 8:19 o'clock and will reappear just after 9:25 o'clock.

"The moon will pass between the star and the earth and cut off the light of the star completely, and the phenomenon will be visible to the naked eye," said Professor E. H. McAlister of the astronomy department of the University.

Aldebaran is a giant red star, the principal one in the constellation Taurus, the bull, and is in the restricted group called the Hyades. The Pleiades are not far away. Measurements made by the Mount Wilson observatory show that it has a diameter of 28 million miles, or more than 32 times that of the sun.

Eclipse Will be Sudden

The star will disappear at the left of the moon and reappear at the right. The eclipse will be sudden because the star will be cut off by the dark of the moon and will be gone before one notices it unless he is on the watch, declared Professor McAlister.

"This eclipse is classified by the astronomer as occultation," said McAlister. "The moon occults many stars every month, but for the most part these stars occulted are so faint they can not be seen without telescopic aid, and the occultation of a really bright star is rather rare."

"For most of us the main interest will lie in viewing something which possibly we have never seen before, and which is not only unusual, but also a really beautiful spectacle," he said.

Star Very Bright

Pointing out the features of singular interest in the present case, McAlister said, "They are, first, the star is a very bright star (first magnitude), and the phenomenon may be seen with the naked eye; second, the moon will be only a little more than half full, and the star will disappear at the dark edges of the moon."

"As you watch, the two bodies will seem to be drawing closer together; but remember the star will disappear at the dark edge of the moon (near the top), which you can not see, and the disappearance will be without warning and instantaneous—the star will be gone before you think the moon has reached it."

Close Watch Necessary

"After the disappearance, you can turn your attention to other parts of the sky, or otherwise busy yourself until the time of reappearance approaches. Begin watching a few minutes before the predicted time. The star will appear at the right edge of the moon not far from a point opposite the moon's center. The reappearance at the bright edge of the moon will also be instantaneous, and you will see what appears like a brilliant speck of a fireball slowly floating away from the moon."

"Aldebaran is a sun many times bigger than our own. And if you are privileged to watch its occultation, remember that you are observing the eclipse of a sun which is vastly greater than our own sun, but sunk so far in the depths of space that it seems like a mere point of light."

Editorially Clipped

THE TWILIGHT OF MENTAL DISCIPLINE

Mental discipline in our day has shrunk to an altogether secondary topic, and the fact is an interesting symptom of the drift of the world's thought and action in our time. Time was when everybody believed in mental discipline, and stoutly contended that his particular brand of education abounded in this incontestable necessity. Nowadays, while gymnasia for the body spring up on all sides, gymnastics for the mind have lost their interest for nearly every one. We have come to see that all action is exercise and that all exercise is discipline. The mind and body are on practically the same footing. Every bodily act that effects its purpose is a double discipline. A man who has moved his arm once moves his arm more readily with each succeeding trial. But this is not all. To move the arm successfully makes it easier to move the neck or move the leg, for the body co-operates in every movement of its

parts, and co-operation with one muscle is an aid and encouragement to co-operation with every other.

The same principle is valid with the mind. Any efficient mental act whatever is preparation of a kind for any other mental act. Cookery (if the cook puts his mind on it), is an aid to metaphysics, and metaphysics are an aid to cookery. But while thinking about ham and eggs helps a man to think about intuitions, it is clear that it helps him in a quite particular and emphatic way to think again about ham and eggs or to think about beef and mustard. There is no paucity of mental discipline. Wherever a mental act succeeds, these two disciplines are present. The advocates of mental discipline are perfectly secure in affirming that Greek helps men to learn Greek, that Physics helps men to learn Physics, and that Greek and Physics each helps men to learn the other.

But this notion of mental discipline, sound as it is and wide as it is, was not the notion that upheld and promoted so stoutly by earnest educators not so very long ago. Their claim went much further. They said, if they were classicists, that to translate a sentence of Greek helped a man to solve a problem in Physics in a fashion in which solving of a problem in Physics did not help a man to translate a sentence of Greek; and they left this claim unsupported by the only contention that could afford it any real support, viz., that it took more pains or more brains to translate a sentence of Greek than to solve a problem in Physics. They believed that the study that asked less might yield more, that the smaller requirement might afford the larger discipline. All this was mere fallacy and superstition. These people had a medieval notion that certain studies were charms, that they were elixirs or potions with mysterious sanative and curative effects like those wrought in the body by their physical counterparts. The men of science whose special business it was to be hard-headed should have ignored or confuted this vagary. On the contrary, they adopted it, and, simply altering the contents of the prescription, annexed its imaginary values to their side.

Of course, nobody supposes that all mental acts, or that all those groups of mental acts called studies, are equal in their disciplinary values. The point is merely that the same activity anywhere yields the same discipline. It is scarcely necessary to discriminate even between sorts of activity; KIND in this matter is resolvable into AMOUNT. When a man sees precisely, he sees more, that is, does more seeing, than his associate; when a man thinks precisely, he thinks more, does more thinking, than his fellow. Nor is it meant of course that all equally powerful disciplines are equally practical—in other words, equally apposite to the future vocations or recreations of the learner. It is entirely proper for the classicists to maintain that Greek and Latin are better disciplines than French or German because they demand more work; and it is equally proper for the modernists to contend that French and German are more practical disciplines than Greek and Latin because they relate more directly to the conduct of life. But the time has come for both sides to recognize that mysticism or mesmerism in the field of discipline is hocus-poens.

The trouble sprang from the peculiar situation and later difficulties of the classics, which, even when their power was still questioned, felt their title to be insecure. Fearing sagaciously enough, to rest their case on practical utility, and not daring to stake their whole fortune on the splendor of their ministries to culture, they sought a middle ground: they wanted a bulwark for their cause which should be at once less Philistine than practical utility and less invaluable than simple culture. They found this compromise in mental discipline. That system had its day and is ceasing to be. The noble classics have given up the strife for world-empire; they have been left to those who love them—not the worst of fates for men or studies, and the

phantasm of mental discipline which they called into being to sustain their power may retire to the spectre-peopled twilight of the past.—The Minnesota Daily.

Having finished the preliminaries of the doughnut handball tournament, the representative from each organization in the league will hold an important meeting at the men's gym on Wednesday at 4 p. m. The manner in which the finals of the tournament will be staged will be worked out at the meeting.

Already there has been a division in the handball league, with the two top teams of each division put in one group and the remainder of the teams in a second league. The winning squad of the upper division will receive the trophy.

In the first league, there are eight teams which will play off for the championship. Since each squad in this upper division has gone through its schedule with practically a perfect record, some fast and well-balanced contests will be on tap.

The teams in the top league are as follows: Phi Kappa Psi, Sigma Pi Tau, Bachelorhood, Oregon club.

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FOUR APPOINTMENTS

MADE TO MASTHEAD

Prize Contests Explained; Meeting Is Wednesday

Frances Simpson, formerly a member of the upper news staff of the Emerald, has been promoted to the position of day editor, it was made known last night by Arthur Radd, editor, after a conference with the managing editor.

Other appointments were those of Ted Baker to the list of night editors, Wilbur Wester, who has been placed on the sports staff, and Ed Miller, who will do general reporting. Baker has been on the news staff, while Wester and Miller have not been on the masthead before.

The Emerald efficiency contests for the winter term will be announced at the beginning of the spring quarter. Approximately \$80 will be divided among staff members who are judged to be the best workers in the various departments.

The largest award will be \$15 for the one selected as the best all-round worker on the staff. The best day and night editors will each receive \$10 while other cash awards will go to those handling in the most tips for news stories, for the most unassigned news stories presented, for the best news story of the term, and for the best feature story. Several second and third prizes are included in the list.

A general staff meeting will be called in the editorial hall of the Journalism building, Wednesday, at five o'clock. Matters concerning handling the news for the Editor's conference will be discussed.

INTRAMURAL HANDBALL MEN TO HAVE MEETING

House Representatives to Decide Manner of Running Off Finals, Wednesday

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WILSON MEMORIAL VESPERS HELD SUNDAY

Colonel W. S. Gilbert Delivers Address; University Choir Gives Selections

The Woodrow Wilson memorial vespers, held in the Methodist Episcopal church Sunday afternoon, February 10, filled the auditorium with University students and towns people who joined in paying homage to the late war president.

Colonel William S. Gilbert of Astoria, who delivered the memorial address, is past state commander of the American Legion. He saw service overseas during the years of 1917 and 1918 as chaplain of the First division, and spoke of Wilson mainly from a personal viewpoint.

"The people of Europe," he said, "felt that Wilson had the message that would settle the questions most troubling the universe." That message, the League of Nations, he continued, still lives on and in time will accomplish for the world what our late president meant for it to do.

The University choir, directed by John Stark Evans, furnished music for the service. The next vesper service will be held on Sunday, March 9.

ANNUAL BANQUET WILL BE LARGE GATHERING

(Continued From Page One.)

Are Headed," President P. L. Campbell.

Saturday afternoon N. D. Elliott will speak on "The Ben Franklin and the Country Publisher."

"How Job Work in the One-man Shop can be made Profitable" will be the subject of A. L. Mallery who follows Mr. Elliott on the program. The next talk will be by Elbert Bede on "A Complete and Efficient System of Accounts and Forms for a Small Shop Where the Publisher is Without Training as a

Bookkeeper." Following this, there will be speeches by Arthur W. Lawrence, Thomas Nelson, W. Arthur Steele and Edgar McDaniel. At 6 o'clock there will be a club banquet at the College Side Inn.

Trade Journalists to Meet

The program for the Trade and Class Journalism section for Friday afternoon includes "Essentials of Trade Journal Editing," by George F. Cornwall, "Subscription Getting" by Stephen Hart, "Humanizing the Trade Paper" by Jerome Owen and "The Decision of the Federal Trade Commission in Relation to Printing Costs" by Louis Sondheim. On Saturday morning A. C. Gage will speak on "Constructive Aims for the Trade and Class Journal Session," after which Fred S. Young will tell of "Successful Methods of Obtaining Foreign Advertising for the Trade and Class Journal." This will be followed by a talk on "Postal Service for Trade Publications," by Curtis L. Beach. At 11:30 the annual business meeting and adoption of the constitution will take place.

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