

HALF OF EARTH'S LIFE OVER, SAYS STAFFORD

DECLINE NOW ON WILL NOT BE NOTICEABLE FOR HUNDREDS OF THOUSANDS OF YEARS

Earth Now Gets Less Heat From the Sun than It Radiates; Losing Air and Moisture too

That the planet Earth is just entering the afternoon of life, and that from now on conditions will grow worse instead of better, because of the loss of heat, light, atmosphere and moisture, which has begun to take place, was the belief given by Prof. O. F. Stafford, of the Chemistry Department, during the course of an illustrated lecture on "A Theory of World Formation," which he delivered during the assembly hour yesterday, April 7. The dismal outlook suggested, however, will be realized so gradually that for two hundreds of thousands of years to come the earth will still be much as at present.

This slowing down process will reach its limit when eventually the earth turns upon its axis only once a year, and all life disappears. This condition has already been reached by Mercury and Venus, the two planets nearer the sun than the earth, and it will be the turn of the earth next to suffer this fate. At this time our planet will turn always one hemisphere to the sun, the other being in eternal darkness and cold. This condition will so affect climate that life as we know it would become impossible.

The earth long ago began to lose heat faster than heat is brought to it from any source. In the course of time the general fall in temperature will be such that it will be below freezing everywhere. Plants then can no longer grow, and without plants animals also must cease to exist.

Space outside our solar system contains millions of heated bodies like our sun, and probably very many more such bodies which have lost their heat and are therefore cold and dark as our own sun in time may be.

Several views of spiral nebulae were shown, from which type of heavenly bodies the speaker said our own solar system was formed. The characteristic of these bodies is the two arms which start from directly opposite points on a central nucleus and spiral about it. These spiral nebulae were probably formed by the intense gravitational forces effective as two suns in their course came very near to each other. The spiral arms consist of the matter whirled out into space as a result of this process. This matter falling together would produce the planets and satellites of a solar system.

The meteorites, which fall at irregular times in the present era, are the last bits of these spiral arms, which are now and then gathered up by the earth in its passage through space.

The pits on the moon, which previously have been held to be volcanic craters, were explained by Professor Stafford to be dents caused by the striking of meteorites upon the surface of the moon. The cone which is always present in the exact center of each so-called crater, was shown to be a necessary result of such an impact. It was explained that solids, under certain conditions, have the properties of liquids, and Professor Stafford showed by a series of pictures, that a crater shaped formation having a cone center always present resulted when an object disturbed a liquid.

The theory proposed, said Professor Stafford connects together all the known facts of astronomy, chemistry and geology in a much more satisfactory way than any other, and promises to supplant entirely the older nebular hypothesis heretofore generally accepted.

PILL SMOKING UNPARDONABLE SIN, SAYS MR. HYLAND

Mr. Hyland, manager of the Oregon Building at the Panama-Pacific Exposition, sends the following note to President Campbell:

"We are very much pleased with the service rendered by the Oregon students so far, and hope that the good work will continue. Tell the boys that cigarette smoking is one of the unpardonable sins."

Y. M. CAN'T FIND MAN

Want Westerner Who Knows Fraternity and Athletic Situations for Secretary

The position of Y. M. C. A. Secretary for next year is open. Of several names suggested, none is acceptable to the Advisory Board. A committee consisting of the Y. M. C. A. executive officers and Dr. E. S. Conklin was appointed to look up a suitable man. The board expressed themselves as preferring a Western man who has attended school for a time in the East, and one who understands the fraternity and athletic situations.

Prof. A. R. Sweetser was elected to the Advisory Board, succeeding Prof. E. E. DeCou, retiring President, who has served on the board 12 years. Hon. R. A. Booth, C. A. Dalzell and C. A. McClain were re-elected to the board. Officers were elected as follows: President, Dr. A. E. Caswell; Recording Secretary, C. H. Edmundson; and Curtis Gardner, Financial Chairman, re-elected.

Charles Koyl, the retiring Secretary, plans to leave June 10 for Seabeck, Washington, where he will attend the Northwest Y. M. C. A. student conference. June 21 he will go via San Francisco to Black Mountain, North Carolina, where he will attend the student secretary conference and summer school. Secretaries from all the colleges in North America at-

tend this school. All pool their expenses, so that the man coming from the far West pays no more than one coming from the South. This plan makes for all a uniform expense of \$70, which includes railroad fare, room, board and tuition.

After the close of this school, July 24, Koyl plans to take a two weeks' vacation and will then go to Chicago, where he will enter the Divinity School of the University of Chicago. After a year of attendance he will go abroad as a missionary or resume student secretary work in some University in the United States.

Y. M. FINANCE COMMITTEE TO CANVASS AMONG MEN

Y. M. C. A. finance campaign committee, under the chairmanship of Wayne Stater, and including Charles Collier and Nicholas Jaureguy, beside a number of men who have not yet been appointed, will conduct a personal campaign among the men living outside the Dormitory and the fraternities, which have already been carefully canvassed.

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