

As is known, anomalous bright nights, very high nocturnal clouds, vividly colored twilight, and other occurrences follow immediately after such phenomena, as was reported by many witnesses in Russia and also by some in Western Europe. It may be possible that data concerning anomalous optical phenomena in the terrestrial atmosphere were also recorded at different meteorological stations, geophysical observatories, and other sites and were published in the scientific literature of your country. We shall be greatly indebted to you if you will help us obtain the following information concerning such data reported in the United States: (i) The presence of abnormally bright nights, with particulars; the intensity of the illumination of the earth's surface; (ii) the presence of abnormally intense twilight at sunset, or at sunrise, with a description; (iii) the occurrence of luminous nocturnal clouds and their development and movement; (iv) the variation of polarization of the day sky; and (v) other data concerning the state of high layers of the atmosphere. We would like to obtain these data for a period of 10 to 15 days after the fall of the meteorite.

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Grants, Fellowships, and Awards

Atmospheric sciences. The University Corporation for Atmospheric Research, with the support of a grant from the Alfred P. Sloan Foundation, Inc., has announced a program of graduate fellowships in the atmospheric sciences—meteorology and closely allied fields. These fellowships are open to undergraduate students who expect to receive degrees by August, and to graduate students in mathematics, physics, chemistry, engineering, geophysics, meteorology, and other physical sciences who wish to apply their earlier training to the study of the physical problems of the atmosphere.

The awards are for full-time graduate study of atmospheric science at any qualified institution having a graduate program in the field. The stipend is \$4000 per academic year. Fellows may not be otherwise gainfully employed during the fellowship year; however, they are free to seek waivers of tuition from their universities. Summer re-

search assistantships are available at most institutions. Awards will be announced on 31 March.

Churchill College. Churchill College, Cambridge, England, will admit a small number of postgraduate students in October 1960. For candidates from the United Kingdom and from overseas, there will be available: (i) one research studentship for a man who intends to proceed to the degree of Ph.D. at the University of Cambridge; and (ii) one postgraduate studentship for a man who intends to pursue approved courses leading to certain certificates or diplomas at the University of Cambridge. In addition, there will be one Gulbenkian research studentship reserved for candidates from overseas. Elections will be held in May 1960 for studentships to commence in October 1960.

Any man who on 1 May 1960 has not taken up residence in the University of Cambridge is eligible as a candidate (i) if he has graduated—or will have graduated before 1 October 1960—at a university other than Cambridge and is nominated by the authorities of his university, or (ii) if, not being a university graduate or prospective graduate, he can show evidence of exceptional qualification for research or for other study at the postgraduate level.

Every candidate must be nominated by his university or by an industrial or business organization and must submit his application through his nominators. Application forms may be obtained from the Tutor for Advanced Students, Churchill College, Cambridge. Completed forms and supporting documents must be returned to the tutor by 1 April.

The research studentship will normally be for a 3-year period, and the postgraduate studentship, for 1 year. The amount will be determined by the College Council after consideration of the student's income from other sources; it will not exceed £465 a year plus payment by the college of approved college and university fees.

Gravity. The Gravity Research Foundation has announced that for the 11th year it is offering five awards for short essays on gravity. The awards will be made on 1 June for the best 1500-word paper on the possibilities of discovering: (i) some partial insulator, reflector, or absorber of gravity; or (ii) some alloy, or other substance, the atoms of which can be agitated or rearranged by gravity to throw off heat; or (iii)

some other reasonable method of harnessing, controlling, or neutralizing gravity. The amounts of the awards will be \$1000, \$300, \$200, \$150, and \$100, respectively. Essays must be sent *before 15 April* to the Gravity Research Foundation, New Boston, N.H.

Mycology. The New York Botanical Garden has announced the Gertrude S. Burlingham scholarship in mycology for advanced predoctoral study at the botanical garden during the summer of 1960. The stipend is \$700; work under this appointment may begin at any time after 1 June and should continue for approximately 3 months. Nominations or applications must be sent *before 15 April* to: Director, New York Botanical Garden, Bronx Park, New York 58, N.Y.

Scientists in the News

Maxwell A. Rosenlicht, professor of mathematics at the University of California, Berkeley, was awarded the Nelson Cole Prize in algebra at the Chicago meeting of the American Mathematical Society. The award is presented once every 5 years for contributions to mathematical knowledge. Rosenlicht was selected for his work on the theory of generalized Jacobian varieties.

Two physics societies have announced the election of new presidents. **Victor F. Weisskopf** of Massachusetts Institute of Technology is president of the American Physical Society, and **Leonard O. Olsen** of Case Institute of Technology is president of the American Association of Physics Teachers.

Glenn T. Seaborg, chancellor of the University of California, Berkeley, will receive the Priestley Memorial Award of Dickinson College on 16 March for his work in nuclear chemistry.

Four Soviet biochemists are visiting the United States this month to survey U.S. research developments in metabolic diseases. **G. Gilbert Ashwell**, of the National Institute of Arthritis and Metabolic Diseases, is tour director for the group. The visiting scientists are: **Grachiya K. Bunyatyan**, of the Armenian Academy of Sciences; **Mikhail P. Chernikov**, of the Institute of Biology and Medical Chemistry of the U.S.S.R. Academy of Sciences; **Nikolai N. Demin**, of the U.S.S.R. Academy of Sciences; and **Ilya I. Ivanov**, of the Leningrad Pediatrics Medical Institute.