

biology); A. A. GUBER (history); B. M. KEDROV (philosophy and law); A. M. RUMYANTSEV and T. S. KHACHATUROV (economics); V. M. ZHIRMUNSKY and M. B. KHRAPCHENKO (literature and language); G. K. BORESKOV, N. N. VOROZHTSOV, A. B. ZHUKOV, YU. A. KUZNETSOV, L. A. MELENTYEV, A. V. NIKOLAYEV and V. V. STRUMINSKY (Siberian branch). The following have been elected corresponding members: N. P. BUSLENKO, V. YA. KOZLOV, S. P. NOVIKOV, YU. V. PROKHOROV and A. A. SAMARSKY (mathematics); L. D. BAKHRAKH, A. F. BOGOMOLOV, V. S. BOROVIK-ROMANOV, L. A. VAINSHTEIN, L. P. GOROKOV, E. M. LIFSHITS, R. V. KHOKHLOV and I. S. SHKLOVSKY (general and applied physics); V. P. DJELEPOV, L. B. OKUN, E. L. FEINBERG, L. P. FEOKTISTOV and A. E. CHUDAKOV (nuclear physics); N. S. LIDORENKO (physical and technical problems of energetics); YU. D. BULANZHE, P. N. KROPOTKIN, V. V. RZHEVSKY, A. B. RONOV, E. F. SAVARENSKY, E. M. SERGEYEV, A. I. TUGARINOV and V. E. KHAIN (sciences of the earth); G. S. BYUSHGENS, S. V. VALLANDER, S. S. LAVROV, N. N. MOISEYEV, I. F. OBRATZSOV, G. S. POSPELOV, V. S. PUGACHOV, V. B. RAUSHENBAKH and G. P. SVISHCHEV (mechanics and control processes); N. S. YENIKOLOPOV, YA. M. KOLOTYRKIN, A. A. PETROV and A. S. SADYKOV (general and technical chemistry); R. S. AMBARTSUMYAN, V. V. KAFAROV, B. N. LASKORIN and E. M. SAVITSKY (physico-chemistry and technology of inorganic materials); M. V. VOLKENSHTEIN, M. N. KOLOSOV, M. A. PROKOPIEV, A. S. SPIRIN and A. A. SHLYK (biochemistry, biophysics and chemistry of physiologically active compounds); O. G. GAZENKO, P. G. KOSTYUK and A. M. UGOLEV (physiology); A. P. ANDRIYASHEV, M. S. GILYAROV, A. L. TAKHTADZHYAN and S. S. SHVARTS (general biology); YU. V. BROMLEI, YA. S. GROSUL, YU. A. POLYAKOV and V. L. YANIN (history); G. A. AKSENYONOK, D. A. KERIMOV and T. I. OIZERMAN (philosophy and law); V. A. VINOGRADOV, A. G. MILEIKOVSKY, T. V. RYABUSHKIN, V. G. SOLODOVNIKOV and T. T. TIMOFEEV (economics); M. N. BOGOLYUBOV and D. F. MARKOV (literature and language); A. A. BOROVKOV, G. S. GORSHKOV, M. I. KARGAPOLOV, N. N. PUZYREV, M. G. SLINKO, V. P. SOLONENKO, L. V. TAUSON and N. N. YANENKO (Siberian branch).

The U.S. National Academy of Sciences and the Czechoslovak Academy of Sciences have agreed on a programme of scientific exchanges lasting for the next 3 years. Visits of from one month to one year by individual scientists are included under the agreement, and it is expected that a total of 40 man-months of visiting a year in each direction will take place.

The U.S. Naval Research Laboratory has agreed with the University of Maryland and with Cornell University to conduct joint programmes of research on plasma physics. The objective of the two bilateral agreements is that the laboratories concerned should plan their work in consultation with each other and that there should be frequent interchanges of students and scientists between the institutions. The Naval Research Laboratory's programme is being directed by Dr. Alan C. Kolb, now superintendent of the Plasma Physics Division in which he has worked for the past decade.

The Council of the Royal Society of Edinburgh has announced that Dr. S. Evans, a member of the Scott Polar Research Institute, has been awarded the Dr. W. S. Bruce Memorial Prize for 1966, in recognition of his many applications of physics to scientific exploration in the Antarctic and particularly for his development of radio echo sounding of ice. The Council has also announced that the David Anderson-Berry Prize for 1966 has been awarded as follows: Dr. G. F. Whitmore, for his investigations into the effects of radiation on the underlying cellular and chemical events which occur at various stages during the growth and division of mammalian cells; *proxime* to Dr. L. A. Stocken and Dr. M. Ord, for their work on the effects of X-irradiation on the synthesis of deoxyribonucleic acid.

Mr. D. WALLIS has been awarded the Miles Prize by the National Institute of Industrial Psychology, in recognition of his work on new training techniques at the Navy Department of the Ministry of Defence. He is the first recipient of this new Prize. Dr. D. McKie Kerslake has been awarded the Vernon Prize by the Institute.

The one hundred and third meeting of the British Pharmaceutical Conference will be held in Manchester during September 5-9. Further information can be obtained from the Pharmaceutical Society of Great Britain, 17 Bloomsbury Square, London, W.C.1.

The third international Congress of Human Genetics will be held in the University of Chicago during September 5-10. Further information can be obtained from Dr. B. S. Strauss, University of Chicago, 1307 East 60th Street, Chicago, Illinois.

An international symposium on "Selenium in Bio-medicine" will be held at Oregon State University during September 6-8. Further information can be obtained from the chairman of the symposium, Dr. O. H. Muth, Nutrition Research Institute, Oregon State University, Corvallis, Oregon.

## THE NIGHT SKY IN AUGUST

All times are in Universal Time

MOON		CONJUNCTIONS WITH THE MOON	
New Moon	16d 12h	Venus	14d 20h, 4° S.
Full Moon	1d 09h	Mars	14d 10h, 4° S.
	31d 00h	Jupiter	14d 08h, 4° S.
		Saturn	5d 13h, 2° N.

### PLANETS

Name	R/S	Times of rising (R) and setting (S) during the month			Mag.	$D_g$ (10 <sup>4</sup> miles)	Zodiacal position
		Beginning	Middle	End			
Mercury	R	Unfavourable	3h 05m	Unfavourable	+0.4	81	Cancer
Venus	R	2h 00m	2h 35m	3h 15m	-3.3	144	Cancer
Mars	R	2h 05m	1h 55m	1h 50m	+1.9	223	Gemini
Jupiter	R	2h 40m	1h 55m	1h 15m	-1.4	563	Gemini
Saturn	R	21h 40m	20h 40m	19h 40m	+1.0	813	Pisces

$D_g$  is the distance of planet from the Earth on the 15th of the month

### OCCULTATIONS OF STARS BRIGHTER THAN MAGNITUDE +6 AT GREENWICH

Star	R/D	Time	Mag.
56 Tau	R	11d 01h 46.0m	+5.3

(D, disappearance; R, reappearance)

### METEORS

Name	Active period	Date of maximum	Radiant	Remarks
Perseids	July 27-Aug. 17	12d	46° R.A., +58° Dec.	Favourable

### OTHER PHENOMENA

4d 02h, Venus 1° S. of Mars.  
7d 17h, Venus 0.1° S. of Jupiter.