

Okla., and will there continue his work as a consulting petroleum geologist.

DR. IRA REMSEN, of the Johns Hopkins University, will deliver the commencement address at West Virginia University on June 15.

DEAN W. M. WHEELER, of Bussey Institution, Harvard University, delivered an address under the auspices of the Society of Sigma Xi of Syracuse University, on May 6. The address, which was on "Worm-lions, ant-lions and some eighteenth-century entomologists," covered the observations made by Réaumur and other early naturalists upon the habits of the worm-lion and ant-lion; and included the studies of the lecturer upon the structure and behavior of the worm-lions of California.

DR. G. M. STRATTON, professor of psychology at the University of California, has given the Nathaniel W. Taylor lectures at the Yale School of Religion.

DR. GEORGE F. KAY, head of the department of geology, State University of Iowa, and state geologist of Iowa, lectured on April 21 before the chapter of Sigma Xi of the University of Minnesota, on "The History of Glaciation in the Mississippi Valley."

DR. C. E. KENNETH MEES, director of the research laboratories of Eastman Kodak Co., landed in England April 27. While there he will deliver the following lectures before various scientific bodies: "Some Photographic Phenomena in Relation to Astronomy," "Some Results of Recent Investigations on the Theory of Development," "Photography of the Air," "Reaction of the Eye to Light," "A Photographic Research Laboratory," "The Production and Supply of Synthetic Organic Chemicals in the United States," "Rochester and the Kodak Works," "Scientific Research and Industrial Production," "The Theory of Tone Reproduction with a Graphic Method for the Solution of Problems."

DR. HARRY N. HOLMES, head of the chemistry department of Oberlin College and chairman of the National Research Council's Committee on Colloids is on a five weeks lecture tour to the Pacific coast. The series of from one to four lectures on "Colloid Chemistry"

will be given at Northwestern University, Los Angeles, San Francisco and Seattle Sections of the American Chemical Society, University of Washington, State College of Washington, Montana School of Mines, Montana State College, State College of North Dakota, University of Wisconsin, Iowa State College (Ames), Leland Stanford University and the University of California.

DR. JOSEPH SIMMS, a well-known lecturer and traveler, who died of cerebral hemorrhage in New York City on April 11, in his eighty-seventh year, bequeathed his body to Dr. Edward A. Spitzka for scientific study. The brain of Dr. Simms, removed eighteen hours after death, weighed 1,520 grams (53.58 ounces avoirdupois) and has been preserved by Dr. Spitzka for the detailed study of its morphologic features in comparison with the brains of other notable men.

It is stated in *Nature* that botanists in Great Britain have been considering the practicability of holding an Imperial Botanical Congress in London at which botanists from the overseas Dominions might meet their colleagues at home for the discussion of matters of common interest. Many subjects are ripe for discussion, such as the methods of training botanists for service abroad, the relation between the pure science and its applications and between the botanist and the commercial men interested in industries in which botanical knowledge should play an important part, more helpful cooperation between the home and the overseas botanist, botanical surveys of overseas Dominions, and others. After careful consideration it has been decided that it would be inadvisable to hold such a congress during the present year.

UNIVERSITY AND EDUCATIONAL NEWS

THE medical departments of Columbia, Harvard and the Johns Hopkins Universities receive \$5,541,401 each, in the distribution of the estate of Captain Joseph R. De Lamar. The will, disposing of a sum of thirty-two million dollars, provides these funds for the study and

teaching of the origin and cause of disease and its prevention and for the study and teaching of dietetics.

HOWARD UNIVERSITY SCHOOL OF MEDICINE, Washington, has been promised \$250,000 by the General Education Board, provided the medical school succeeds in raising the rest of a total sum of \$500,000.

THE trustees of the University of Southern California, on April 13, decided to suspend temporarily the medical department because of inadequate endowment with which to maintain it.

DR. CORNELIUS BETTEN, secretary of the State College of Agriculture at Cornell University, has been appointed vice-dean of the college.

CURT ROSENOW (Ph.D., Chicago, 1917), of the Juvenile Psychopathic Institute, Chicago, has accepted an assistant professorship in psychology at the University of Kansas.

DR. A. RICHARDS, professor of zoology at Wabash College, has been appointed to a professorship of zoology in the University of Oklahoma, where he will be head of the department.

DR. FRED HOFFMANN RHODES has been appointed professor of industrial chemistry and will begin his work in the autumn at Cornell University.

GENERAL SIR ARTHUR CURRIE has accepted the position of principal of McGill University in succession to Sir Auckland Geddes, who resigned to become British Ambassador at Washington.

DISCUSSION AND CORRESPONDENCE FORMULÆ GIVING THE DAY OF THE WEEK OF ANY DATE

To officials who are required to fix the dates of events beyond the end of the current year and to historians who may desire to know the day of the week of events in past years, for which calendars are not ordinarily available, the formulæ given below may be of considerable interest.

When the days of the week are numbered thus:

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	2	3	4	5	6	0

the day of the week of any date in the Gregorian (New Style) calendar is the remainder, R , in the division

$$(Y + 3C + F + L + M + D)/7 = Q + R/7,$$

in which the symbols used have the following meanings:

Q is the integral part and R the remainder obtained in the division indicated in the first member of the equation.

Y is the year in which the date occurs.

C is the number formed by striking out the last two digits of the year. Thus, for dates in the year 1920, $C = 19$.

F is the number of preceding leap days occurring in centennial years. These occur in the years 400, 800, 1200, 1600, etc. Thus, for dates between

Jan.	1,	1, and Feb. 29,	400, inclusive,	$F = 0$
Mar.	1,	400, " " "	800, " "	$F = 1$
Mar.	1,	800, " " "	1,200, " "	$F = 2$
Mar.	1,	1,200, " " "	1,600, " "	$F = 3$
Mar.	1,	1,600, " " "	2,000, " "	$F = 4$

L is the number of leap days between the date and the last centennial year (not inclusive). It is the quotient obtained by dividing by four the number formed by the last two digits of the year in which the last preceding leap day occurred.

M is a number which varies from month to month as follows:

Jan.	Feb.	Mar.	Apr.	May	June
0	3	3	6	1	4
July	Aug.	Sep.	Oct.	Nov.	Dec.
6	2	5	0	3	5

D is the day of the month.

Examples:	Oct. 21, 1492	Feb. 22, 1732	Oct. 22, 1863
$Y =$	1492	1732	1863
$3C =$	42	51	54
$F =$	3	4	4
$L =$	23	7	15
$M =$	0	3	0
$D =$	21	22	22
	7)1581	7)1819	7)1958
	225 $\frac{1}{2}$	259 $\frac{1}{2}$	279 $\frac{1}{2}$
$R =$	6 = Fri.	6 = Fri.	5 = Thu.