

the overthrust sheets of Lower Paleozoic limestones in the vicinity of Philipsburg, P. Q. One stop was along the shore of Mississquoi Bay, where the Champlain thrust may be seen. The Rock River dolomite, of Lower Ozarkian age and belonging to the Philipsburg thrust block, rests on the Utica shale, of Upper Ordovician age and belonging to the foreland. Another stop was at the quarry of the Philipsburg Marble Company, where the Strites Pond and Wallace Creek formations, both of Upper Ozarkian age, may be seen.

Considerable time was spent on the Naylor Ledge and Luke Hill formations, the relations of which have been a subject of controversy¹ between Dr. Mc-

Gerrigle and Dr. Ulrich. The party agreed with Dr. McGerrigle that the physical evidence disproved Dr. Ulrich's cave hypothesis.

Some of the most interesting exposures were those seen one and a half miles north of St. Armand, for they show the tremendous brecciation at the base of the St. Armand thrust sheet.

The party deeply regretted that illness prevented the attendance of two of its members, Dr. T. H. Clark, of McGill, who had organized the excursion, and Dr. W. G. Foye, faithful secretary of the excursion for many years.

MARLAND BILLINGS

HARVARD UNIVERSITY

REPORTS

DOCTORATES CONFERRED IN THE SCIENCES BY AMERICAN UNIVERSITIES,

1930-31

THE Research Information Service of the National Research Council, with the cooperation of the registrars of the various American universities, is again able to present information regarding the doctorates in science.

The following data for the academic year 1930-31 supplement the data in SCIENCE 72: 357-358 (1930),

where a survey is given of the data for the period 1898-1930.

Detailed data for the year 1930-31, with comparative statistics for the past ten years and with the names of the recipients of the degrees and the titles of the theses, will be found in Reprint and Circular Series numbers 75, 80, 86, 91 and 95. Copies of these may be obtained from the Publication Office, National Research Council, Washington, D. C.

CLARENCE J. WEST

CALLIE HULL

TABLE I
DOCTORATES CONFERRED ACCORDING TO SUBJECTS

	'22	'23	'24	'25	'26	'27	'28	'29	'30	'31
Chemistry	150	185	251	250	257	270	278	312	317	392
Zoology	39	45	42	71	55	70	89	91	102	117
Psychology	32	46	51	51	60	74	66	112	97	105
Physics	57	54	58	59	76	92	78	101	91	93
Botany	37	64	57	69	69	53	61	76	81	81
Mathematics	20	28	32	24	47	46	44	61	75	73
Physiology	18	20	17	17	43	35	28	37	46	46
Agriculture	9	10	11	16	19	19	31	27	29	45
Geology	22	34	41	25	27	42	35	45	63	39
Bacteriology	15	32	12	20	21	20	30	26	27	38
Pathology	27	21	12	5	4	16	31	27	31	26
Engineering	4	5	5	2	11	10	28	34	49	25
Public Health .....	.....	.....	.....	.....	3	4	4	15	8	20
Anatomy	5	10	5	4	11	13	12	15	12	11
Astronomy	4	6	7	3	7	9	3	8	4	11
Anthropology	0	3	3	2	5	3	5	13	6	7
Geography	3	7	3	13	11	14	7	12	17	6
Metallurgy	1	2	2	3	10	4	13	8	4	5
Paleontology	1	2	2	1	7	0	1	2	6	3
Archaeology	0	0	0	0	0	0	0	2	2	2
Med. & Surg. ....	.....	.....	.....	.....	.....	.....	.....	.....	4	2
Mineralogy	0	1	1	4	4	2	0	1	3	1
Meteorology	2	0	0	0	0	0	0	2	0	0
Totals	455	575	611	640	748	796	844	1027	1074	1148

¹ H. W. McGerrigle, "Philipsburg Series of Southern Quebec," *Bull. Geol. Soc. America*, 42, 347-348, 1931 (abstract); E. O. Ulrich, "Naylor Ledge, A Marine

Limestone of Canadian Age Filling Caverns in Upper Ozarkian Formations," (abstract). *Ibid.*, p. 348.

TABLE II
DOCTORATES CONFERRED ACCORDING TO UNIVERSITIES

	'22	'23	'24	'25	'26	'27	'28	'29	'30	'31
Wisconsin	32	44	41	64	53	55	60	66	86	86
Chicago	61	71	75	59	78	86	70	99	94	82
Ohio State	13	21	20	33	25	30	25	48	50	74
Johns Hopkins	28	58	44	36	50	44	56	62	58	67
Cornell	36	41	60	39	43	62	67	60	80	57
Michigan	20	15	25	15	32	30	52	38	55	55
Yale	22	34	22	41	38	34	38	47	43	53
Columbia	31	58	57	51	49	62	46	61	44	51
Harvard	21	31	35	25	35	42	33	40	40	49
California	24	27	20	31	38	42	37	50	47	48
Minnesota	16	17	23	23	30	29	41	53	53	47
Illinois	28	33	20	32	44	31	36	34	43	45
Iowa State .....	.....	.....	9	12	14	13	26	28	26	39
Iowa	12	12	16	19	28	24	32	38	28	34
Stanford	7	8	14	15	17	17	17	26	26	28
Calif. Inst.	2	0	9	8	15	8	18	22	18	23
New York	3	10	2	5	7	4	11	13	10	23
Pennsylvania	9	8	12	12	14	27	18	24	26	19
Mass. Inst.	8	11	18	18	13	18	13	20	29	16
Princeton	12	9	17	15	12	18	17	25	22	16
Pittsburgh	7	7	5	8	7	11	13	8	15	15
Cincinnati	5	3	4	7	8	5	1	14	6	13
Northwestern ..	7	2	6	2	4	6	8	5	8	13
Maryland	0	0	1	5	6	3	6	8	3	12
North Carolina ..	1	2	1	0	7	3	4	3	6	12
Missouri	4	0	5	4	3	7	2	3	6	9
Virginia	2	1	3	5	5	8	3	5	12	9
Western Reserve ..	.....	.....	.....	.....	.....	.....	.....	3	5	9
Mich. State	0	0	0	1	4	2	2	6	2	8
Penn. State .....	.....	.....	.....	.....	.....	1	4	3	3	8
Wash. St. Louis ..	2	8	2	0	5	7	2	7	7	8
Brown	3	3	3	8	4	4	5	7	9	7
Catholic	0	1	3	3	6	5	8	6	2	7
Indiana	3	5	5	8	7	5	8	9	11	7
Nebraska	2	2	5	7	2	2	3	4	6	7
Purdue .....	.....	.....	.....	.....	.....	.....	1	0	4	6
Washington	2	0	1	3	1	1	5	8	5	6
Duke .....	.....	.....	.....	.....	.....	.....	.....	4	4	5
Kansas	0	2	2	4	8	8	5	10	11	5
Rice	1	0	1	2	1	1	3	4	3	5
Rochester .....	.....	.....	.....	1	0	3	3	0	2	5
Rutgers .....	.....	.....	.....	.....	2	3	9	4	5	5
Texas	0	1	0	0	1	3	0	7	6	5
Clark	6	8	3	6	7	7	5	11	11	4
Fordham	2	2	0	2	2	1	2	8	6	4
Mass. State	2	1	1	0	1	0	1	1	3	4
Rensselaer	1	0	2	0	2	2	7	3	2	4
St. Louis .....	.....	.....	.....	.....	.....	2	3	2	3	4
American .....	.....	.....	.....	.....	3	3	3	1	5	3
George Peabody ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	3
Geo. Washington ..	8	13	5	6	4	4	2	5	2	3
Wash. State .....	.....	.....	.....	.....	.....	.....	.....	.....	1	3
Vanderbilt .....	.....	.....	.....	.....	.....	.....	2	2	0	3
Colorado	1	1	0	1	3	1	3	3	2	3
Georgetown .....	.....	.....	.....	.....	.....	.....	.....	1	0	2
Notre Dame	0	1	2	0	0	0	0	1	3	2
Radcliffe	3	3	2	3	3	2	1	2	5	2
Arizona .....	.....	.....	.....	.....	.....	1	0	0	0	1
Bryn Mawr	7	0	1	1	2	4	0	1	2	1
Marquette .....	.....	.....	.....	.....	.....	.....	1	0	0	1
N. Y. Forestry ..	.....	.....	.....	.....	1	1	2	2	0	1
Oregon .....	.....	.....	.....	.....	1	0	0	0	2	1
Syracuse	1	0	0	0	2	3	2	1	5	1
Boston	0	1	0	0	1	0	0	0	2	0
Tulane .....	.....	.....	.....	.....	.....	1	2	1	1	0
Totals	455	575	611	640	748	796	844	1027	1074	1148