# 1931. NEW ZEALAND.

# EDUCATION: HIGHER EDUCATION.

[In continuation of E.-7, 1930.]

Presented to both Houses of the General Assembly by Command of His Excellency.

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# I. DETAILED TABLES.

Table M 1.—Students on the Books of University Colleges, 1930.

	Uı	Auckland University College.			Victor nivers Colleg	ity		interbi College		Otago	Unir	versity.	ļ	Totals.	
	M.	F.	т.	М.	F.	T.	м.	F.	T.	M.	F.	T.	м.	F.	T.
I. Students attending lectures— Graduates	44 724 93		976	36 492 18		743	47 502 179	30 190 62	77 692 241	48 617 79	30 323 48	78 940 127	$175 \\ 2,335 \\ 369$	1,016	3,351
Totals II. Exempted students not attending lectures	861 143	311 32	1,172 175				728 93	282 18	1,010 111	744 92	401 22		$2,879 \\ 508$		
III. Grand totals	$\frac{1,004}{967}$		$1,347 \\ 1,321$	726 699		$1,074 \\ 1,007$	821 827		1,121 $1,072$				$3,387 \ 3,294$		
Difference	37	-11	26	27	40	67	-6	55	49	35	1	36	93	85	178

Table M 2.—Courses taken by Students in 1930.

					Nur	nber of	Stude	nts (incl	ıding st	udents	exempt	from a	ttendin	g lectur	es).		
Con	urse.			nd Un College	iversity		ria Uni College	versity	Cante	rbury (	College.	Otag	o Univ	ersity.		Totals.	
			М.	F.	т.	М.	F.	T.	М.	r.	T.	м.	F.	т.	М.	F.	т.
Arts			359	239	598	244	264	508	241	187	428	228	221	149	1.072	011	1,983
Science			98	19	117	131	33	164		111	85	64	1 12	76	367	75	
Law			127	10	137	160	4	164	7.1	4	75	86		86	444	18	462
Commerce			211	19	230	127	8	135	83	8	91	146	8	154	567	43	610
Music			7	3	10		1	1	5	6	11	4	22	26		32	48
Medicine			9	1	10	5	4	9	1		1	198	24	222	213	29	242
Dentistry	٠.		5		5	1.		1				96	1.0	106	102	10	112
Engineering			77		77	14	١	14	119	٠.	119				[-210]		210
Agriculture	٠.	• •	. 9		9	3		3	12		12				24		24
Home Science			1 ::	$^{2}$	2					1	1	٠.	106	106		109	109
Architecture	• •	• •	52	4	56	• •			1		1				53	4	57
Journalism	• •	• •	16	18	34	4	5	9	3	4	7		• • •		23	27	50
Forestry	• •	• •	10	• •	10		• • •		16		16				26	• •	26
Massage	• •	• •		• •	• •	• •				• •		1	20	21	1	20	21
Mining	• •	• • •		• •	••	• •	• •		• •	• •		13	• •	13	13		13
Total nu defini			980	315	1,295	689	319	1,008	626	221	847	836	423	1,259	3,131	1,278	4,409

Table M 3.—Subjects taken by Students in 1930.

			<u> </u>		Num	ber of	Student	s (inclu	ding sto	dents	exempt	from at	tendin	g lectur	es).		
Su	bject.			nd Uni College	versity		ia Uni College		Canter	bury C	ollege.	Otag	) Unive	ersity.		Totals,	
			м.	F.	т.	м.	F.	T.	М.	F.	т.	М.	F.	T.	м.	F.	T.
English			143	122	265	76	82	158	67	97	164	96	130	226	382	431	813
Latin			120	44	164	80	30	110	59	35	94	42	23	65	301	132	433
Greek			27	10	37	8	5	13	5	$\frac{3}{2}$	7	$ \tilde{20} $	$\frac{16}{16}$	36	60	33	93
French			141	103	244	50	84	134	98	80	178	67	78	145	356	345	$\frac{35}{701}$
German			2	105	3	4	5	9				6	4	10	12	10	22
Pure mathe			142	38	180	87	16	103	71	17	88	34	32	66	334	103	437
Applied mat			67	7	74	48	6	54	$5\overline{2}$	9	61	7	8	15	174	30	204
Education		• •	97	63	160	62	80	142	52	36	88	71	39	110	282	218	500
Economics	• •	• •	184	39	223	132	$\frac{30}{32}$	164	73	18	91	68	10	78	457	99	556
Geography	• •	• •	42	7	49	9	9	18	4	2	6				55	18	$\frac{550}{73}$
History			154	94	$\begin{vmatrix} \frac{48}{248} \end{vmatrix}$	145	136	281	69	60	129	64	73	137	432	363	795
Philosophy	• •	• •	96	38	134	118	110	$\frac{201}{228}$	32	$\frac{60}{27}$	59	60	20	80	306	195	501
	• •	•	96	$\frac{38}{12}$	108	58	7	228 65	59	$\frac{z_I}{7}$	66	117	46	163		$\frac{195}{72}$	$\frac{1}{402}$
Physics Chemistry	• •		94	14		94	36	130	110	17	$\frac{60}{127}$	135		180	330 433	112	545
		• •			108		30 27						45				
Botany	• •	• •	$\frac{20}{27}$	11	31	$\frac{9}{25}$	$\begin{array}{c c} 27 \\ 28 \end{array}$	36 53	13 18	9	22	. 2	11	13	44	58	102
Zoology	• •	• •	27	10	37					8	26	57	25	82	127	71	198
Geology	• •	• •		3	24	15	4	19	37	2	39	27	10	37	100	19	119
Law subject			112	10	122	165	4	169	101	11	112	86	• •	86	464	25	489
Commercial	subjects	• •	150	16	166	106	8	114	140	22	162	146	8	154	542	54	596
Music	• • • • • • • • • • • • • • • • • • • •		10	28	38	j	• •		10	21	31	4	22	26	24	71	95
Engineering	and mini	ng	109	1	110	• •			237		237	13		13	359	1	360
Dentistry			5		5							96	10	106	101	10	111
Medicine			9	1	10			• • •				198	24	222	207	25	232
Home scien	ce			2	2								106	106		108	108
Journalism			16	18	34	• •			6	8	14				22	26	48
Greek art, &	ku.					14	17	31	14	22	36				28	39	67
Forestry			10		10				16		16				26		26
Calculus						10		10							10		1.0
History of a	ut			• • •			į	٠.		11	11					11	11
Massage			1									1	20	21	1	20	21
Political sci									12	12	24				12	12	24
Architectur	e		52	4	56				١			١			52	4	5€
Hebrew			1		1								٠		1		1
Spanish			1		1							3		3	4		4
Biology								١	1	3	4				1	3	4

Table M 4. — Scholarships, Bursaries, Exhibitions, and Studentships held at the Constituent Colleges in 1930.

Scholarships, &c.		Un	icklan Iversi ollege	ty	Ur	ictori iversi college	ty		nterb College			Otago niversi			Total	•
		М.	F.	T.	M.	F.	т.	м.	F.	т.	М.	F.	т.	М.	F.	T.
Junior University Scholarships		9	2	11	3		3	$2^{^{!}}$	1	3	6		6	20	3	23
University National Scholarships		15	$\frac{2}{7}$	22	1		1	8	2	10:		6	18	36	15	51
Taranaki Scholarships		1		1		1	1	}	2	3	2	3	5	4	6	10
Senior University Scholarships		5		5	1	1	2	4.	3	7	4	1	5	14	5	19
University Bursaries		212	99			90	259	134	72	206		99	336			1,112
Educational Bursaries	• •	7	9	16	8	9	17	6	5	1.1	3	3	6	24	26	50
Home Science Bursaries	• •		٠.	• • •		٠٠,	٠	• • •	٠٠.			42	42		42	42
Other scholarships and exhibitions	• •	6	••	6	3		1.40	17		20			24	43	14	57
Training-college studentships		91	60	151	46	100	146	74	47	121	53	174	227	264	381	645
Totals for 1930		346	177	523	231	205	436	246	135	381	334	335	669	1,157	852	2.009
Totals for 1929		325	$\tilde{1}77$	502	224	186	410							1,215		2,083
Difference		21	••	21	7	19	26	-34	12	-22	-52	-47	<del></del>	-58	— <u> —</u> —16	<del>-74</del>

Table M.5.—Number of Successful Candidates at the Examinations for Degrees in 1930 (Total number of entrants, 6,882.)

Degrees, &c.	U	ucklar nivers College	ty	U:	Victori niversi College	ty		nterb College		Uı	Otago niversi			Total.	
	М.	F.	т.	М.	F.	т.	М,	F.	т.	м.	F	т.	М,	F.	T.
Doctor of Laws				1		1							1		1
Doctor of Medicine										2	١	2	2		2
Doctor of Philosophy				1		1	Į						1		1
Honours in Arts	8	1	9	8	3	11	9	10	19	10	4	14	35	18	53
Master of Arts	5	3	8	3	1	4	9	6	15	. 2	5	7	19	15	34
Honours in Science	4		4	2	3	5	5	1 3	6	3		3	14	4	18
Master of Science	2		2	4	1	5	6		6	1		1	13	1	14
Honours in Law	4		4	4		4							8		8
Master of Law	1	١	1	5	١	5		!		1		1	7		7
Honours in Commerce				2		2	1	١ ا	1		٠		3		3
Master of Commerce	١						l	١		1		1	1		1
Master of Home Science	1										1	1		1	1
Honours in Agricultural Science	1	١	1*	١.,			1	'	1†				2		2
Bachelor of—									,	!					
Arts	30	18	48	18	32	50	28	17	45	16	23	39	92	90	182
Science	15	3		12	3	15	8	2	10	13		13	48	8	56
Medicine and Surgery										26	3	29	26	3	29
Dental Surgery										11		11	11		11
Laws	1.0		16	18		18	3		3	6		6	43		43
Commerce	4		4	5	1	5				3		3	12		12
Engineering (Civil)	1						11		11				11		11
Engineering (Electrical)	1			1			5		5				5		5
Engineering (Mechanical)					::		5		5				5		5
Home Science		::									11	ii		11	11
Agricultural Science	0		2*		::		::						2		2
Forestry Science	43		$\bar{3}$			1	3		3				6		6
Music	1									i	2	3	1	2	3
Senior University Scholarships		i	9				4	i	5	3	l	3	. 15	$\cdot$ $\frac{1}{2}$	17
John Tinline Scholarships	-							1	i					1	i
Totals, 1930	103	26	129	83	43	126	98	38	136	99	49	148	383	156	539
Totals, 1929	76	35	111	89	40	129	121	34	155	103	49	152	389	158	547

<sup>\*</sup> Massey Agricultural College.

In addition to these successes, 3,425 candidates passed sections of the examinations for degrees or for admission to professions; 139 gained certificates of proficiency. There were 171 candidates for the Entrance Scholarship Examination, 35 gaining scholarships, 92 others passing the examination with credit, and 39 qualifying for matriculation. The number of candidates for the University Entrance Examination was 4,567, of whom 2,038 passed the whole examination.

<sup>†</sup> Canterbury Agricultural College.

# II. REPORTS AND BALANCE-SHEETS OF THE UNIVERSITY OF NEW ZEALAND AND OF CONSTITUENT COLLEGES.

#### I. REPORT ON THE UNIVERSITY OF NEW ZEALAND, 1930.

Visitor.—His Excellency the Governor-General.

Chancellor.—John Macmillan Brown, Esq., M.A., LL.D.

Pro-Chancellor.—Hon. J. A. Hanan, M.L.C.

Vice-Chancellor.—Thomas A. Hunter, M.A., M.Sc.

#### The Senate.

Appointed by His Excellency the Governor-General in Council—H. F. Von Haast, Esq., M.A., LL.B.; the Hon. J. A. Hanan, M.L.C.; T. H. Macky, Esq.; L. J. Wild, Esq., M.A., B.Sc.

Appointed by Councils of Constituent Colleges—H. D. Acland, Esq., B.A.; F. H. Bakewell, Esq., M.A.; A. E. Flower, Esq., M.A., M.Sc.; the Hon. Sir George Fowlds, Kt., C.B.E.; W. J. Morrell, Esq., M.A.; Hon. Sir T. K. Sidey, K.B., B.A., LL.B., M.L.C.; P. Levi, Esq., M.A.; A. P. W. Thomas, Esq., M.A., F.L.S., F.G.S.

Elected by District Courts of Convocation—J. Macmillan Brown, Esq., M.A., LL.D.; F. A. De La Mare, Esq., B.A., LL.B.; C. M. Gilray, Esq., M.C., M.A.; the Hon. Sir Apirana Turupa Ngata, Kt., M.A., LL.B., M.P.; W. Newlands, Esq., M.A., B.Sc., M.B., Ch.B., &c.; T. U. Wells, Esq., M.A.

The Director of Education—T. B. Strong, Esq., M.A., B.Sc.

Appointed by the Senate—W. P. Evans, Esq., M.A., Ph.D.; T. A. Hunter, Esq., M.A., M.Sc. Registrar—E. T. Norris, Esq., M.A.

### REPORT OF THE SENATE.

In compliance with section 22 of the New Zealand University Amendment Act, 1926, the Senate makes the following report to the Hon. the Minister of Education of the proceedings of the University since the date of the last report.

The University Entrance Board met on the 26th August, 1930, and made certain recommendations affecting the subjects of the Entrance and Entrance Scholarships Examinations, which were duly referred to the Academic Board.

The Academic Board met on the 5th November, 1930, and recommended the amendment of certain statutes, mainly in matters of detail, and the enactment of a new statute enabling the Senate to grant honorary degrees. The recommendations were, for the most part, adopted by the Senate at its annual meeting on the 14th January, 1931. The honorary degree of Doctor of Science was then conferred upon Lord Rutherford of Nelson.

The statutes amended made provision for additional stages in geography as a subject of the B.A. degree, and for a new course for the diploma in Banking; the keeping of terms was made necessary for the diplomas in Journalism and Education.

Empowered by section 3 of the New Zealand University Amendment Act, 1926, the Senate, through its committee appointed for the purpose, approved of the establishment of a Chair of Obstetrics in the Medical School at the University of Otago.

# UNIVERSITY OF NEW ZEALAND. BALANCE-SHEET AS AT 31ST MARCH, 1931

Company   Account   Company   Company   Account   Company   Acco		Balan	CE-SHEET AS A	лт 31sт Макси, 1931.		
Content Account   10   10   10   10   10   10   10   1					£ s. d.	
Perse put in devotes   19,705, 5   19   19   19   19   19   19   19		••	793 19 U			
Second   19,000   10,000   1						
Second   S		035 12 1	-19,793 5 10			
Ordinary Subdustring Account				Petty cash	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
Control   Cont	Ordinary Scholarship Account—			Ordinary Scholarship Account—	1,020 10 0	
Marging						
Capital Account				***************************************	3,332 8 9	
Revenue Account		459 17	7	Accrued interest 574 9 5		
18-bbs   1	Revenue Account—	7.10		Inscribed stock 20,209 1 3		
Hallow Price Account-			•	Depentures	2,174   1   5	
Capital Account	Habana Priza Account	100-100 A1000 A1	- 479 19 1			
1930	Capital Account	231 2 1	0	Post Office Savings-bank certificates 38 15 4		
Accord distribute	7000	11 6	9	Debentures		
Macmillan Brown Prize Account-   Capital Account-		11 11	5			
Revenue Account	Macmillan Brown Prize Account—		$\pm$ 254 1 0	Habens Prize Account—	479 19 1	
1931   23   5   10   10   10   11   11   11   11	Capital Account	101 10	8	Post Office Savings-bank certificates 15 13 3		
Capital Account	7000	23 5 1	0	Inscribed stock		
Bover   Prize Account	1931	21 15		Post Office Savings-bank 31 6 6		
Post Office Savings-bank certificates   19   12   10   10   10   10   10   10   10	Bowen Prize Account—			Accrued interest 1 0 8	254 1 0	
1930		222 12	8			
Cook Prize Account—	1930	2.2		Debentures		
Cook   Prize Account	1931			Inscribed stock		
Revenue Account—		037 1			090 1 A	
Debentures		211 1	2	Bowen Prize Account—	470 1 3	
Christie Prize Account	a sala a f					
Accrued interest				Inscribed stock 60 0 0	•	
Revenue Account		166 18	2			
Post Office Savings-bank certificate	Revenue Account—				245   2   3	
Sir J. G. Wilson Prize Account—				Post Office Savings-bank certificate 14 7 3		
Post Office Savings-bank   20   16   6	Sir I C Wilson Prive Account		- 183 11 1	Debentures		
Macmillan Brown Scholarship Account—	Capital Account			Post Office Savings-bank 20 16 6		
Macmillan Brown Scholarship Account	Revenue Account, 1930			Accrued interest 1 2 6	222 8 10	
Revenue Account	Macmillan Brown Scholarship Acco	ount—			222 0 10	
1930	Revenue Account—	4,786 1	9			
Haydon Prize Account	1930			Post Office Savings-bank 19 7 5		
Post Office Savings-bank certificates		290 0 1		·	183 11 1	
Sevenue Account	Haydon Prize Account—	42 16	5	Sir J. G. Wilson Prize Account—  Post Office Savings bank certificates 171 13 5		
Accrued interest   9 4 0   0   227   15   11			5	Inscribed stock 30 0 0		
Capital Account	Arnold Atkinson Prize Account—	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- 42 17 10			
1930	Capital Account	169 4	7	,	$227\ 15\ 11$	
Tinline Scholarship Account— Capital Account  Revenue Account— 1930 63 17 11 1931 133 4 0 1931 2,506 2 11  Prize Accounts— Sundry creditors  14 18 4  Accrued interest  Accrued inte	1930		5			
Post Office Savings-bank	1931	8 1				
Revenue Account-		0.000 7		Post Office Savings-bank 601 8 10		
1930		2,509 L	U		5,374 1 8	
Prize Accounts— Sundry creditors  14 18 4  Post Office Savings-bank certificates  Accrued interest  Both Office Savings-bank certificates  Both	1001			Haydon Prize Account—		
Sundry creditors   14 18 4   Arnold Atkinson Prize Account—   Post Office Savings-bank certificates   13 13 10     Inscribed stock   130 0 0     Debentures   15 1 6     Post Office Savings-bank   26 3 0     Accrued interest   1 7 9     Debentures   486 17 6     Mortgage   1,200 0 0     Inscribed stock   501 0 0     Accrued interest   19 4 4     Post Office Savings-bank   263 1 1     Post Office Savings-bank   263 1 1     Tinline Scholarship Account—     Sundry debtors   2,470 2 11     Tinline Scholarship Account—     Sundry debtors   36 0 0     Ordinary Scholarship Account—     Sundry debtors   50 18 4     National Scholarship Account—     Sundry debtors   753 19 6     General Account—     Sundry debtors   3,845 0 0     St73,368 19 4     St73,368 19 4	the second secon	100 %		Post Office Savings-bank certificates 2 12 11		
Arnold Atkinson Prize Account— Post Office Savings-bank certificates 13 13 10 Inscribed stock		14 18	4	Accrued interest 0 2 9	. 52 15 8	
Inscribed stock	• · · · · · · · · · · · · · · · · · · ·					
Post Office Savings-bank						
Accrued interest						
Tinline Scholarship Account— Debentures						
Debentures				Tinline Scholarship Account—	186 6 1	
Inscribed stock				Debentures 486 17 6		
Post Office Savings-bank				Inscribed stock 501 0 0		
Tinline Scholarship Account— Sundry debtors						
Sundry debtors				MANUFACTURE AND ADDRESS OF THE PARTY OF THE	2,470 2 11	
Ordinary Scholarship Account— Sundry debtors				Sundry debtors	<b>36</b> 0 0	,
National Scholarship Account— Sundry debtors				Ordinary Scholarship Account—		
General Account— New Zealand Government—Statutory grant  \$\frac{3,845 0 0}{£73,368 19 4}\$				National Scholarship Account—		
New Zealand Government—Statutory grant 3,845 0 0  £73,368 19 4				Sundry debtors	753 19 6	
·					3,845 0 0	
			£73,368 19 4	<u>£7</u>	3,368 19 4	:

 $E_{\cdot}$ 

#### 2. AUCKLAND UNIVERSITY COLLEGE.

Visitor.—The Hon. the Minister of Education. Members of Council.

Appointed by His Excellency the Governor-General in Council—The Hon. Sir George Fowlds, Kt., C.B.E. H. R. Jenkins, Esq.; C. Rhodes, Esq.

Appointed by the Professorial Board-Professor F. P. Worley, M.A., M.Sc., D.Sc., D.I.C., F.C.S.; Professor R. M. Algie, LL.M.

Elected by members of the Legislature—J. F. Hosking, Esq.; S. I. Crookes, Esq.; M.I.E.E., M.N.Z.Soc.C.E. E. H. Northeroft, Esq., D.S.O.

Elected by Graduates—H. J. D. Mahon, Esq., B.A.Dr. H. Ranston, M.A., Litt.D.; T. U. Wells, Esq., M.A. B.A.; Kenneth Mackenzie, Esq., M.D., M.Ch., F.R.C.S.;

Appointed by the Auckland City Council—George Baildon, Esq.

Appointed by the Auckland Education Board-A. Burns, Esq.

Registrar-M. R. O'Shea, Esq., B.Com.

#### Staff.

Professors.—Classics—A. C. Paterson, M.A. English—C. W. Egerton, M.A. Mathematics—H. W. Segar, M.A. Modern Languages—M. Walker, M.A., B.Com. Chemistry—F. P. Worley, M.A., D.Sc., D.I.C., F.C.S. Physics—P. W. Burbidge, M.Sc., B.A. General Biology, Botany, and Zoology—J. C. Sperrin–Johnson, M.A., M.Sc., M.B., B.Ch., Litt.D. Economics—H. Belshaw, M.A., Ph.D. History—J. P. Grossmann, M.A. Law—R. M. Algie, LL.M. Philosophy—W. Anderson, M.A. Architecture—C. R. Knight, M.A., B.Arch., A.R.I.B.A., A.N.Z.I.A. Forestry—H. H. Corbin, B.Sc. Education—A. B. Fitt, M.A., PH.D. Music—W. E. Thomas, Mus.Doc. Engineering—S. E. Lamb, B.Sc., A.R.C.Sc., A.M.I.M.E., M.N.Z.Soc.C.E. Geology—J. A. Bartrum. M.Sc. A.O.S.M. M.Sc., A.O.S.M.

Lecturers, twenty-six; assistant lecturers, four; mechanic, one; workshop instructor, one.

#### REPORT.

In pursuance of the provisions of the Auckland University College Act, 1882, the Council has the honour to make the following report for 1930:

Council.—During the year Mr. S. I. Crookes was elected member of the Council in place of Mr. G. H. Wilson, and Professor Algie was replaced by Professor Walker.

Staff.—In the Physics Department Mr. N. S. Alexander, M.Sc., resigned for the purpose of continuing research work at Cambridge, where he has been awarded a Dominion and Colonial Exhibition. During 1931 his place will be taken by Mr. F. H. Sagar, B.Sc. At the end of the year Professor J. C. Sperrin-Johnson tendered his resignation from the Chair of Biology on account of ill health. During 1931 the department will be carried on by Mr. T. L. Lancaster, M.Sc., and Mr. W. R. McGregor. Mr. W. R. Tuck, M.A., LL.M., joined the staff of the Law School, and Mr. A. B. Thompson, M.A., became assistant lecturer to the Professor of Education. Mr. G. B. Bell, B.E., B.Sc., joined the staff of the School of Engineering, taking the place of the late Mr. D. E. Harkness, who lost his life in a seaplane accident.

Former Students.—An appointment which is interesting to members of the College is that of Mr. F. W. Baxter to the Chair of English at Belfast University. Also that of Mr. R. O. Sinclair, who received appointment to an administrative post in Nigeria under the colonial service recruitment scheme. Mr. G. G. L. McLeod is also receiving an appointment under the same scheme, and will proceed to the Malay States early in 1931. Mr. P. C. Minns (Rhodes Scholar), Mr. A. H. McDonald, Mr. H. Entwistle, and Mr. E. F. Thompson all left to further their studies at the English universities. Word was received in December that Auckland had gained another Rhodes Scholarship, Mr. J. S. Watt, B.Sc., having been selected.

Municipal Government Lectures.—These have again been very successful, and continue to give evidence of the mutual link between town and gown.

Parliamentary Report on Education.—The report of the Parliamentary Committee on Education in New Zealand was published during the year, and the College Council, after full deliberation, expressed its agreement with the portion dealing with higher education, with the exception of some few minor details.

Workers' Educational Association.—During 1930 the classes in the city and suburbs have been as follows: Modern drama, Shakespearean drama, music, poetry, international relations, economics, economic history, art, psychology, and nature-study. The number of students enrolled was 1,027, and the average attendance 674. Besides these classes, considerable expansion has taken place in the country work, both in the Waikato, where a full-time tutor-organizer is stationed, and by means of the box scheme, which this year had a circuit of twenty centres. The association has had a most successful year, but has had to postpone many new activities owing to the financial depression.

## AUCKLAND UNIVERSITY COLLEGE.

# Balance-sheet as at 31st December, 1930.

# Capital Statement.

		Capital	•	£	s.	d.		Fixed	Assets.				
Capital	 			 249,993	7	8	Building and equipment—				£	s.	d.
							Arts building				130,786		3
							Arts furniture				9,748	15	0
							Students' building				23,450		5
							Students' furniture				1,468	10	0
							Caretaker's cottage				2,094	11	3
							Engineering building				1,128	9	0
							Engineering equipment				3,497		0
							Engineering furniture				80		0
							Science building						0
							Science equipment				5,346		0
							Science furniture				443		3
							Office equipment				238		0
							Grounds equipment		• •		79	12	6
							Library		• •		5,601		0
							Endowment lands		••		12,500	0	0
							Properties—		£	s. d.			
							Science building site		5,920	0 0			
							Arts building site	• •	24,500	0 0			
											30,420	0	0
				6040 000							6940 009		
				£249,993	7	8					£249,993		
				<u> </u>			1				-		تسسب

	Stateme	nt No. 2.	22,	
Liabilities. Endowment sales Endowment royalties	£ s. d. 10,534 12 7 993 15 4 7,461 2 9	Assets.  Endowment sales investment - Auckland City Council debentures,	£ s. d.	C s. d.
Engineering Building Reserve Fund Depreciation and Endowment Fund Mennie Bequest—School of Commerce	$\begin{array}{ccccc} 1.449 & 15 & 10 \\ 7.260 & 0 & 0 \\ 1.300 & 0 & 0 \end{array}$	Auckland Electric Power Board debentures, 5½ per cent. Fixed deposit, Bank of New Zea-	300 0 0	
Building Fund Student Building Fund Student Furniture Fund	50 11 3 101 6 3 81 10 8	land Endowment royalty investment—	34 12 7	10,534 12 7
Student fees in advance  Land-utilization research grant School of Engineering—Test fees suspense Prizes—  £ s. d.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Waitemata County Council deben-	200 0 0	
Allum Prize 0 12 10  Journalism Prize 10 5 0  Forestry Prize 10 0 0		tures, 6 per cent.  Northcote Borough Council debentures, 6 per cent.  New Zealand Government deben-	100 0 0 400 0 0	
Auckland Brick - manufacturers' Scholarship	95 17 10	tures, $5\frac{1}{2}$ per cent	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	993 15 4
Revenue funds	29,668 13 8 806 3 11	General Endowment Fund invest- ment— Auckland City Council debentures,		000 2 1
		$5\frac{1}{2}$ per cent Mount Eden Borough Council debentures, $5\frac{1}{2}$ per cent	3,400 0 0 1,300 0 0	
		Mount Eden Borough Council detures, $5\frac{3}{4}$ per cent Whangarei Borough Council deben-	500 0 0	
		tures, $5\frac{1}{2}$ per cent.  New Zealand Government debentures, $5\frac{1}{2}$ per cent.	1,000 0 0 200 0 0	
		Mount Albert Borough Council debentures, 5\frac{3}{4} per cent  Auckland Savings-bank	$\begin{array}{cccc} 1,000 & 0 & 0 \\ 61 & 2 & 9 \end{array}$	7,461 2 9
		Engineering Building Reserve invest- ment— Auckland City Council debentures,		7,401 2 5
		$5\frac{1}{2}$ per cent New Zealand Government debentures, $5\frac{1}{2}$ per cent	1,200  0  0 $200  0  0$	
		Auckland Savings-bank Depreciation and Endowment Fund	49 15 10	1,449 15 10
		investment— Buckland property Mortgage, 6½ per cent	$\begin{array}{cccc} 1,735 & 0 & 0 \\ 425 & 0 & 0 \end{array}$	
		Auckland City Council debentures, $5\frac{1}{2}$ per cent Ellerslie Town Board debentures,		(4)
		6 per cent	1,000 0 0	
		bentures, $5\frac{3}{4}$ per cent.  Mennie Bequest (School of Commerce)	2,000 0 0	7,260 0 0
		investment—  New Zealand Government debentures, $5\frac{1}{2}$ per cent	1,000 0 0	
		Auckland City Council debentures,  5½ per cent	300 0 0	1,300 0 0
		Building Fund investment—Auckland Savings-bank Student Building Fund investment —Auckland Savings-bank	• •	50 11 3 101 6 3
		Sundry debtors— Endowment rent— Accrued	66 5 9	101 0 0
	 	Arrears  Depreciation and Endowment Fund	227 13 9	293 19 6
		interest— Cathcart Gavin	$\begin{array}{ccc} 25 & 0 & 0 \\ 6 & 18 & 2 \end{array}$	ni io o
		Student fees— Sundry Training College	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3I 18 2
		Revenue investment, Post Office Savings-bank	• •	186 5 0 3 0 0
		Land utilization research grant— Bank of New Zealand Cash at Bank of New Zealand	1,004 2 4	211 14 4
		Cheque in hand	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
		Post Office Savings-bank	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
		Less School of Forestry Funds,	1,101 6 0	
		£68 4s. 7d.; Medical Library Funds, £216 14s. 1d.; Land- utilization research grant, £211	40e 19 ^	
20.	0.400.14	14s. 4d	496 13 0	604 13 0
2E. 7.	0,482 14 0		£30 ====	0,482 14 0

# 3. VICTORIA UNIVERSITY COLLEGE.

Visitor.—The Hon. the Minister of Education.

Members of Council.

Chairman.-P. Levi, Esq., M.A.

Appointed by Governor-General in Council—A. R. Atkinson, Esq., B.A., and T. D. M. Stout, Esq., M.D. Elected by Court of Convocation-C. Watson, Esq., B.A.; P. Levi, Esq., M.A.; A. Fair, Esq., LL.B.; S. Eichelbaum, Esq., M.A., LL.B.

Elected by teachers in primary schools—H. A. Parkinson, Esq., M.A.; and F. H. Bakewell, Esq., M.A.

Elected by members of Education Boards—A. C. Blake Esq., and R. McCallum, Esq., M.L.C.

Appointed by Wellington City Council-M. F. Luckie, Esq.

Elected by teachers in secondary schools and technical high schools—J. H. Howell, Esq., B.A., B.Sc.

Elected by governing bodies of secondary schools—T. Forsyth., Esq.

Elected by the Professorial Board—Professor J. Rankine Brown, M.A., Hon. LL.D. (St. Andrews); Professor T. A. Hunter, M.A., M.Sc.

Staff.

Professors.—Classics—J. Rankine Brown, M.A. (St. Andrews and Oxford), Hon. LL.D. (St Andrews), F.N.Z.I.A. (Chairman, Professorial Board). English—H. Mackenzie, M.A. (St. Andrews). Modern Languages—E. J. Boyd-Wilson, M.A., B.Sc. (N.Z.), B.A. (Camb.). Philosophy—T. A. Hunter, M.A., M.Sc. (N.Z.), (Dean of Arts Faculty). History—F. P. Wilson, M.A. (N.Z.), F.E.S. Economics—B. E. Murphy, M.A., LL.B., B.Com. (N.Z.), F.E.S., F.S.S. Education—W. H. Gould, M.A. (N.Z.). Mathematics—D. M. Y. Sommerville, M.A., D.Sc. (St. Andrews), F.R.S.E., F.N.Z.I. Biology—H. B. Kirk, M.A. (N.Z.), F.N.Z.I. Physics—D. C. H. Florance, M.A., M.Sc. (N.Z.). Chemistry—P. W. Robertson, M.A., M.Sc. (N.Z.), M.A. (Oxford), Ph.D. (Leipzig), (Dean of Science Faculty). Geology—C. A. Cotton, D.Sc. (N.Z.), A.O.S.M., F.G.S. Law—J. Adamson, M.A., LL.B. (Edin.), (Dean of Law Faculty); H. H. Cornish, M.A., LL.B. (N.Z.). Registrar—G. G. S. Robison, M.A. (N.Z.) Librarian—H. G. Miller, M.A. (N.Z.).

Lecturers, ten; assistant lecturers, seven; demonstrators, one.

#### REPORT (ABRIDGED).

Pursuant to section 44 of the Victoria College Act, 1905, the Council presents the following report for the year 1930:— University Scholarships.

A free passage to England was awarded to N. N. Wood, M.Sc.

Jacob Joseph Scholarships were awarded to Eileen A. Plank, M.Sc. (First-class Honours in Zoology), and Phyllis B. Trapp, M.A. (First-class Honours in English).

The Sir George Grey Scholarship was awarded to F. A. Denz and F. B. Shorland (bracketed equal) P. H. Sykes proxime accessit.

The Lissie Rathbone Scholarship was awarded to L. M. Lyons.

The Lady Stout Bursary was awarded to Mildred Briggs.

#### The Work of the College.

Changes in Staff.—Dr. I. A. Henning has been appointed full-time lecturer in Modern Languages and assistant to the Professor. Mr. G. A. Peddie, M.A., has been appointed full-time lecturer and demonstrator in Physics. Professor Adamson, who was absent on sick-leave last year, has resumed his duties.

Library.—The number of books entered as accessions during the year 1930 was 24,664. does not include books withdrawn or kept in class libraries or unbound periodicals. During the year Of this sum £234 were spent on 782 volumes were added to the library, at a cost of £717 2s. 9d. periodicals, including year-books, annual reports, and digests, &c.

This year volumes were received from the Carnegie Trust, from the New Zealand and other Governments, from learned societies, from the Physics Department of the College, and from various donors, while a number of exchanges were made with the General Assembly Library.

We are pleased to note that the library continues to expand and to be increasingly used. following data are interesting:-

		1914.	1040.
 	 	240	804
 	 	£211	£724
	 	46	392
	 	636	4,651
	 		$\begin{array}{cccccccccccccccccccccccccccccccccccc$

At the same time the attendance of readers in the reading-room has also greatly increased, so that it is now difficult to accommodate those seeking admission. The average attendance in the readingroom at 8 p.m. during the last three months of the College year (September, October, and November), was eighty-nine.

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Additional shelving (approximately 1,000 ft.) has been added to prevent overcrowding of the shelves. This has been arranged in the form of bays, and forms a handsome addition to the library. At the present rate of accession there should be sufficient shelving for at least seven or eight years; but the accommodation of readers presents a difficulty yet to be overcome.

New Scholarships.—Regulations have been framed, and approved by the Supreme Court, for the establishment of scholarships in terms of the will of the late James Macintosh. Provision is made for two types of scholarships—namely, local scholarships and travelling scholarships. The former are open to graduate students who are or intend to become teachers, to assist them to pursue an honours course. The latter are tenable abroad, and are open to honours graduates to enable them to pursue a course of post-graduate study or research in Education. The first awards of these scholarships were made respectively to Mr. A. H. Fear, B.Sc., and Mr. Colin Bailey, M.A., Dip. Ed.

Weir Hestel.—A contract for the erection of the buildings in accordance with the duly approved plans was let to the Fletcher Construction Co., Ltd., the price being £49,050. A commencement was made with the work and a substantial part of the foundations and excavation carried out when the earthquake of the 3rd February, 1931, occurred and the work was stopped. Since that time the Government has notified the College that it is impossible to provide the subsidy upon which the College relied in entering into the contract, and negotiations are proceeding for completing the contract upon a reduced scale.

Workers' Educational Association Classes. — It is gratifying to be able to report that the Workers' Educational Association movement has this year not only maintained its activities throughout the Victoria University College District, but has in several respects extended its work along new lines. Satisfactory tutorial work has been done in the city and its environs, and the tutor-organizer, Mr. J. A. Brailsford, B.A., has been able to report a successful year in his large district.

Workers' Educational Association bursaries were granted by the College Council to Messrs. J. Carr and P. Scanlon. Mr. Scanlon unfortunately found it impossible to continue, but Mr. Carr has done a satisfactory year's work, gaining terms in Psychology and History. Mr. Carr is taking the course for the diploma of Social Science. Miss C. Lamont has been granted a bursary.

Four full courses of lectures, twenty-two half-courses, twenty-six short courses, ten play-reading groups, and twenty box circles (working with material from Canterbury College) were carried on in the district during the past year.

Former Students.—Mr. G. M. Richardson, M.Sc., has been awarded the degree of Doctor of Philosophy, University of London, and, having completed the third year of his 1851 Scholarship, has been awarded a Beit Scholarship. Mr. E. Beaglehole, M.A., has been awarded the degree of Doctor of Philosophy, University of London.

Publications, 1930.—Dolby, R. M.; and Robertson, P. W.—" Electrical Conductivity of Solutions in Phenol." J. Chem. Soc., August, 1930.

Sutherland, I. L. G.—" Maori Mentality." Native Education.

Phillips, J. S.—"A Revision of the New Zealand Ephemeroptera," Part I, Trans. N.Z. Inst., Vol. 61, 1930, pp. 271-334; Part II, Id., pp. 335-90.

Theses, 1930.—Honours in Arts: "Notes on Structure of Stem and Leaf in the New Zealand Species of Metrosideros"—Dora I. Campbell, B.A. "An Historical Account and Appreciation of the Labours of the Marist Missionaries in the Auckland District of New Zealand"—C. P. Bowler, B.A. "The Evolution of Responsible Government in New Zealand"—J. J. Kennedy, B.A. "A Study in Party Politics and the Working-out of a Constitution"—W. H. Scotter, B.A. "Old Kaikoura" —E. J. Watts, B.A.

M.A.: "The History of the Maori King Movement until the Taranaki War"—E. G. W. Perry, B.A.

Honours in Science: "Preparation and Properties of certain substituted Anilides"—Dorothy J. Ellison, B.Sc. "The Action of Iodine in Olcic Acid"—S. J. Lambourne, B.Sc. "The Estimation of Traces of Carbon Monoxide"—T. P. Rollings, B.Sc. "The Sulphur and Cysteine in Wool"— O. H. Keys, B.Sc. "The Vapour Pressure of Pyridine and Acetic Acid Solutions"—Eunice Wall, B.Sc. "Some Partitions between Water and other Solvents"—E. B. Davies, B.Sc. "Raised Beaches and other Features of the South-east Coast of the North Island of New Zealand"—L. C. King, B.Sc. "Notes on the Structure and Life-history of Porina cervinata"—Eileen A. Plank, B.Sc.

#### VICTORIA UNIVERSITY COLLEGE.

BALANCE-SHEET AS AT 31ST DECEMBER, 1930.

				OBST DECEMBER, 1950.						
Liabili S. A. Rhodes Scholarship Fund	<i>ties, £</i> s. d. 15,841 5 8		s. d	Assets Cash at Bank of New Zealand	. £	8.	d.	Э.	s.	d.
Plus balance. Income and Expenditure Account	9 17 0			General Account Trust funds				1,242	19	4
		15,851		T. G. Macarthy Account .	. 0	-11	4			
T. G. Maearthy Fund Jacob Joseph Scholarship Fund	 4 054 15 - 4	10,000	0 +	3.4		16				
Plus balance, Income and Ex-				Maori Students' Fund . Research Fellowship		15				
penditure Account	92 8 6		9 1.	Tutorial classes	. 164	2	10	105	7.1	o
Sir Walter Buchanan Fund	20,275 9 5	4,147	5 1	Trust funds (Trust Account)—				185	11	Z
Plus balance, Income and Ex-	0 5 0			Jacob Joseph Scholarship		16				
penditure Account	0 5 0	20,275	14	Union Prize Lissie Rathbone Scholarships.		8 13				
Marine Observatory Fund	$419 \ 13 \ 5$			Sir Robert Stout Scholarship.	. 18					
Plus balance, Income and Expenditure Account	16 15 2			Lady Stout Bursary . Eric Palmer Memorial .		$\frac{5}{6}$				
•	100 14 5		8			1				
Union Prize Fund Less balance, Income and Ex-	109 14 5			John P. Good Prize	_	$\frac{17}{8}$				
penditure Account	0 11 1	100	3 4		265	3	3			
Athol Hudson Fund	106 12 5	100	υ.	Less Athol Hudson Account		18				
Plus balance, Income and Expenditure Account	0 13 9			Trust funds—				863	4	11
penditure Account	0 13 3	107	6						14	
Bruce Dall Prize	336 4 0		0 10	Weir Bequest Account . Cash at Post Office Savings-bank—		•		13	19	8
W.E.A. Tutorial Classes Less balance, Income and Ex-				General funds				4,234	0	0
penditure Account	184 8 8	151	15	Trust funds— S. A. Rhodes Account .	1.069	12	Q			
Sir Robert Stout Scholarship	421 0 3	101	10 ,	Athol Hudson Account .		19				
Plus balance, Income and Expenditure Account	2 0 0			Government subsidies Account Carnegie Grant		$\frac{11}{4}$				
-		423	0 :	Marine Observatory		14				
Lissie Rathbone Scholarships Plus balance, Income and Ex-	3,246 5 6			Weir Hostel	1,875	0	0	3,616	4	в
penditure Account				Debentures and inscribed stock—				0,010	-	v
Lady Stout Bursary	109 18 2	3,259	18 :	General funds— School of Economics—Welling						
Plus balance, Income and Ex-				ton City debentures .				3,400	0	0
penditure Account	0 10 0	110	8 2	Trust funds— S. A. Rhodes Account—Welling						
Eric Palmer Fund	217 - 7 - 5			ton City debentures, £6,700	;					
Less balance, Income and Expenditure Account	5 10 9			Christchurch City debentures £1,021 12s.; inscribed stock						
_	220 6 7	211	16 8	£6,374 8s. 6d	14,096	0	6			
Carnegie Fund Less balance, Income and Ex-	330 6 7			T. G. Macarthy Account—Wellington City debentures,	-					
penditure Account	27 8 5	200	18 5	£9,500; inscribed stock		0	0			
Government subsidies	150 2 5	302	10 2	£499 Ss. 8d Sir W. Buchanan Account—		8	8			
Plus interest	6 0 1	156	2 (	Wellington City debentures	20,000	0	0			
Maori Students' Fund		3	5 9							
Greek art fees	$\begin{array}{cccc} 11 & 1 & 4 \\ 0 & 3 & 5 \end{array}$			bentures	3,500	0	0			
		10	17 11	debentures	100	0	0			
Research Fellowship Less balance, Income and Ex-	34 3 10			Lissie Rathbone Scholarships Wellington City debentures	3,000	0	0			
penditure Account	33 8 7	Λ	15 3	Carnegie grant - Wellington		0	0			
John P. Good Prize	52 10 0	U	19 6	City debentures Bruce Dall Prize—Inscribed		U	U			
Plus balance, Income and Expenditure Account	2 11 7			stock John P. Good Prize—Inscribed	50	0	0			
-	2 11 /	55	1 7	stock	50	0	0			
Weir Hostel Account—Balance, Income and Expenditure Account		3,003	14 4	Athol Hudson Account—In scribed stock		0	0			
Sundry creditors		102	3 (	Eric Palmer Account—Welling		v	v			
Library deposits School of Economics Fund		$\frac{16}{3,400}$		, , , , , , , , , , , , , , , , , , , ,						
Accumulated Fund	121,061 12 9	0,100		£100	200	0	0			
Plus balance, Income and Expenditure Account	1,303 9 1			Sir Robert Stout Scholarship— Christehurch City debenture		0	0			
1				Lady Stout Bursary—Christ						
Less depreciation	$\begin{array}{cccccccccccccccccccccccccccccccccccc$			church City debentures	100	0	0	51,795	9	2
		119,585	2 4	Fixed deposit, Bank of New Zealand-General Account		Ω	n			
				Weir Bequest Account						
				Accrued interest				$\frac{3,600}{1,009}$	0 7	$\frac{0}{3}$
				Sundry debtors—Memorial window				68		9
				Shares—Paparoa Co. (S. A. Rhodes Account)				440	0	0
				Buildings and equipment (less de				110	Ü	Ü
				preciation)— College buildings	72,900	3	10			
				Library books	10,357	11	2			
				Caretaker's cottage Laboratory fittings	2 000		$\frac{8}{5}$			
				Apparatus	6,674	5	10			
				Fencing and grounds	1,751 $5,551$	$\frac{6}{3}$	5 1			
				Bieyele-shed	97	5	0			
				Library shelving Boring-machine		$\frac{2}{9}$	$\frac{3}{6}$			
				Land—Site (at valuation)				99,854 $11,450$		2
				, accusate a recognition of a recognition of the re	•	,			U	v
	_	01 -								<del>-</del>
	£1	81,774 1					£	181,774	15	4

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# 4. CANTERBURY COLLEGE.

Visitor.—The Hon. the Minister of Education.

Board of Governors.

Appointed by His Excellency the Governor-General—Miss E. A. Chaplin, B.A.; John Joseph Dougall, Esq.; Right Rev. Dr. Campbell West-Watson.

Appointed by members of Parliament—E. J. Howard, Esq., M.P.; Colonel the Hon. G. J. Smith, Esq., C.B.E., M.L.C., V.D. (Chairman); Hon. Sir R. Heaton Rhodes, K.C.V.O., K.B.E., M.L.C.

Appointed by graduates—J. H. E. Schroder, Esq., M.A.; Mrs. E. L. Clark, M.A.; J. R. Montgomery, Esq., M.A.; A. E. Flower, Esq., M.A., M.Sc.; J. Guthrie, Esq., Ch.B., M.B., F.R.C.S.E.; J. R. Cuningham, Esq., I.L.B.

Appointed by teachers—C. T. Aschmac, Esq.; John Gunn Polson, Esq., M.A.; L. B. Wood, Esq., M.A. Appointed by School Committees—H. D. Acland, Esq., B.A.; W. A. Banks, Esq.; W. M. Hamilton, Esq.

Representatives of the Professorial Board—Professor J. Hight, M.A., Litt.D. (Rector), ex officio; Professor H. G. Denham, M.A., D.Sc.

Registrar.—C. C. Kemp, A.R.A.N.Z.

Rector.—Professor J. Hight, M.A., Litt.D.

Professors.—Classics—L. G. Pocock, M.A. Mathematics—W. Saddler, M.A., D.Sc., B.A., F.R.S. English Language and Literature—A. Wall, M.A., B.A. French and German—T. G. R. Blunt, M.A. (Oxford). Chemistry—H. G. Denham, M.A., M.Sc., D.Sc., Ph.D. Engineering—(Electrical) P. H. Powell, M.Sc., M.Eng., M.I.E.E., M.A.I.E.E.; (Civil) J. E. L. Cull, B.Sc., A.M.I.M.E.; (Mechanical) S. Steele, B.Sc. Biology—E. Percival, B.Sc. History—J. Hight, M.A., Litt.D., F.R.E.S. Physics—C. C. Farr, D.Sc., F.P.S.L., F.N.Z.Inst. Mental and Moral Philosophy—C. F. Salmond, M.A. Education and Director of Extension Work—J. Shelley, M.A. Economics—A. H. Tocker, M.A. Geology, Palæontology, and Physical Geography—R. Speight, M.A., M.Sc., F.G.S.

Lecturers, six.

## EXTRACT FROM THE ANNUAL STATEMENT OF THE CHAIRMAN OF THE BOARD OF GOVERNORS.

The low prices for our primary products realized during 1929-30 season have unfortunately been still further reduced during the year 1930, with the result that our tenants have continued to face a difficult position, and in many instances have had to ask for sympathetic consideration. The policy of the Board has been to investigate each application, and, realizing the difficult times through which the farming community is passing, reasonable concessions and assistance have been granted in all cases where warranted. The position is a trying one for our tenants, but it is also very difficult for the Board, faced as it is with the necessity of providing the finance to meet its engagements month by month, and to carry on the work of the College and the other institutions. I can only hope that the prospects for 1931-32 may be more encouraging.

Notwithstanding the financial difficulties, I am glad to report that the ordinary work of the College and other institutions in all branches has again been carried on with enthusiasm and success. The results must be as gratifying to the staff as they are satisfactory to the Board of Governors.

During the year the new building in extension of Helen Connon Hall was opened for women students, and is fully occupied.

In November the Government announced that Canterbury College was to be the Dominion School of Forestry, and students from the Auckland School accordingly arranged transfers to Canterbury College for the 1931 session. Our School has a highly trained and efficient staff, and is organized for giving instruction in forestry in all its branches. It is working in co-operative research projects with the State Forest Service, the forestry companies, the timber trade, and various wood-using industries, and its usefulness is appreciated in all these directions.

During the year the death occurred of the Rev. Walter Harper, for twenty-seven years a member of the Board of Governors; also of Emeritus Professor R. J. Scott, founder and director of the School of Engineering.

As provided by the Canterbury College Act, the annual election of members of the Board was held in June last, when all the retiring members were re-elected, with the exception of Dr. Orchard, who did not seek re-election, and in whose place Mr. J. R. Cuningham, LL.B., again joins the Board. Miss Chaplin, B.A., was reappointed by His Excellency the Governor-General; Mr. E. J. Howard, M.P., by members of Parliament; Mrs. W. H. Clark, M.A., by the graduates; Mr. J. G. Polson, M.A., by the teachers; Mr. W. A. Banks by the School Committees; and Dr. H. G. Denham, M.A., by the Professorial Board.

In November Dr. James Hight, M.A., was reappointed Rector of the College for a further term of three years from February, 1931.

In April Professor Speight informed the Board that he wished to resign the Chair of Geology as from the end of the year. After consideration it was decided not to fill the Chair for the time being, but to appoint a full-time lecturer. Dr. R. S. Allan, M.Sc., Ph.D. (Camb.), was appointed to the position, and we are fortunate in having secured a lecturer of such scholarship and experience to succeed Professor Speight, who has rendered such good and valuable service during the past twenty-seven vears.

In October Mr. Lewis Morrison, B.Sc. (Aberdeen) was appointed as Lecturer in Entomology in the Department of Biology. This appointment was rendered possible by the co-operation of the Canterbury Agricultural College at Lincoln, which appointed Mr. Morrison to a position on its staff. The work of both colleges will benefit by this arrangement.

Dr. Helen Simpson, M.A., Ph.D., has been appointed Lecturer in English in succession to the late

Mr. T. W. Cane.

During the year Professor Blunt was granted six months' leave to visit England, Mr. J. F. D. White being appointed Acting-Professor during his absence. This was the first leave granted Professor Blunt since 1911.

Professor Tocker was granted leave to enable him to act as a representative of the New Zealand Government to the International Labour Conference at Geneva, Mr. G. Lawn being appointed Acting-Professor.

Dr. Beeby was also granted leave to pursue further researches in connection with experimental psychology in the United States.

The third annual conference of representatives of the four University colleges was held in Wellington during September last, with satisfactory results.

On the 20th March Commemoration Day was observed, when Professor Tocker gave an address on "Higher Education and Commerce."

On the 9th May degrees were conferred on the graduates for the year 1929 by the Rector, Dr. J. Hight, as deputy for the Chancellor of the University, the address on the occasion being delivered by Professor L. G. Pocock.

On the 14th August we had the honour of a visit from His Excellency the Governor-General and Lady Bledisloe. His Excellency inspected the College buildings, including the laboratories and Students' Union building, and delivered an exceedingly interesting address to the students and staff in the College Hall.

Among other distinguished visitors during the year we had the pleasure of tendering a welcome to Dr. C. E. Martin, of the University of Washington, who delivered addresses on "International Relations."

It gives me great pleasure to report that during the year further amounts have been received from the Students' Association (£50), and from graduates, friends, and staff (£139 4s.) towards the Students' Union Building and Furnishing Fund, and from Butterworth and Co. a prize in the nature of books to the value of £5 5s.; the Canterbury Chamber of Commerce renewed its vote of £100, and our City Council also renewed its grant of a similar sum to the Museum.

The Carnegic Corporation of New York, the Gifford Trust, estate of late T. W. Cane, Mrs. J. H. Alabaster, the Rev. H. Northcote, Mr. J. H. E. Schroder, Misses Neave, Mrs. H. Sharp, and Mrs. E.

Rosa Sawtell also gave gifts of books or equipment, for which our thanks are due.

School of Forestry.—From the report of the lecturer in charge it will be seen that satisfactory work continues to be done at the School. The fact that it is now the Dominion School of Forestry will act as a further incentive to the staff to maintain its high standard, and further extend its operations and influence.

School of Engineering.—From the report of the Dean of the Faculty of Engineering it will be seen that the School continues to do excellent work. There were 254 individual students attending lectures, of whom 124 were matriculated, and 130 evening and extra students.

Workers' Educational Association.—The work of the association continues to grow both in the towns and in the country districts as shown by the report of the Canterbury Centre. The total number of classes for 1929 were as under: Twenty-eight tutorial classes, with 1,214 students; twenty-five study circles, with 500 students; ten study groups, with 234 students—a total of 1,948 students, as against 1,641 in 1928. The executive and committee having charge of the work of the association are to be congratulated on the satisfactory results obtained.

The Canterbury Adult Rural Scheme.—An interesting development of general education for adults in rural communities has been made possible by the generous grant of £500 per annum for five years by the Carnegie Corporation of New York. A scheme was put forward to the Corporation by Professor Shelley, to conduct an experiment in University-extension work by means of a travelling tutor with a motor-car equipped for library and lecture purposes. The grant was subsidized pound for pound by the New Zealand Government, and the experiment is associated with the organization of the W.E.A. The scheme was launched early in 1930 with Mr. G. T. Alley, B.A., as tutor in charge. Two rural circuits were formed—one north of Christchurch as far as Hanmer, the other south-west out to Springfield—and centres on each of these were visited fortnightly. At some places a halt was made during the day for the exchange of books, while other centres were also given illustrated lectures in the evenings. Study circles have also been formed in several centres to link up with the W.E.A. box scheme. A report of the year's work was sent to the Carnegie Corporation, and a reply by the Coporation included the phrase, "We are delighted with the progress that has been made in so short a time." The work is being extended, and a more detailed account will be available next year.

Notwithstanding the economic conditions existing, with the consequent financial anxieties, the Board may be congratulated on the progress made. While we have not been able to carry out any of the larger schemes mentioned in my report of last year, the ordinary work of the College and our

other institutions has been attended to and various improvements made.

£491,384 10 0

# CANTERBURY COLLEGE. BALANCE-SHEET AS AT 31ST DECEMBER, 1930.

	Bai	LAN	CE-	SHEET	AS	ΛT	31 st December, 1930.							
Liabili	ties. £	ø	d.	£	Q	d.	£	l <i>ssets</i> .	£	s.	d.	£	s.	đ
	450,938			L	ь.	u.	Endowment lands			ь.		294,728		3
Plus— Helen Connon Hall Buildings							Arthur's Pass— Site					50	0	0
Reserve Presentation billiard-table	$\frac{3,255}{150}$						Buildings Cass—buildings					$\begin{array}{c} 197 \\ 466 \end{array}$		
Income and Expenditure bal-							College—	• • •						
ance Government subsidies	$3,098 \\ 2,903$	11	10				Site Buildings	• •	113,266	14	6	25,282	17	0
Sundry creditors				460,346 $185$			Plus additions, 1930— Students' Union		304	10	0			
Rents paid in advance Portion of New Zealand Institute				12	0	0	Chemical laboratory	• •	196	5		113,767	Q.	10
grant unexpended					16		Equipment and apparatus		4,659		$^2$	110,101	V	10
Donation not applied Rolleston House—	• • •			15		0	Less depreciation	• •	465					
Mortgage Fees paid in advance	57	17	6	1,000	0	0	Plus purchases, 1930		$4,193 \\ 413$					
Sundry creditors		16		102	1.4	9	Furniture and fittings		3,781			4,606	18	0
Helen Connon Hall—							Less depreciation, £378 3s. 1	ld.;	-					
Mortgage Fees paid in advance	61	14	0	8,000	U	0	and sale of gramophone, £	20	398		11			
Sundry creditors	9	10	8	71	4	8	Plus purchases and dona	tion.	3,383	15	3			
T. W. Adams School of Forestry—	E 400	10	TO	•		•	1930	• •	497	12	5	3,881	7	Q
Capital Plus income and expenditure							Office equipment		380			3,001	•	0
balance	11	3	1	5,510	13	11	Less depreciation	••		0		342	1	7
Students' Loan Fund— Capital	824	15	11				Library books Investments	• •				$3,350 \\ 3,000$		0
Plus interest		18		861	1.4	Ð	Sundry debtors—			0	Λ	-,	-	-
General Account overdrawn		17	4	901	14:	ð	Government grants	• •	2,334	16	8			
Less T. W. Adams School of Forestry, £1,270 13s. 11d.;							Testing fees General expenses	• •		$\frac{14}{15}$				
and Students' Loan Fund, £440 3s. 8d		17	7				Medical School reserves	• •	297	J.	2	2,763	6	10
erro es. ou				15,267	19	9	Rolleston House—					ŕ		
							Site Buildings		7,822			6,775	U	0
							Less depreciation	• •	391			7,431	14	7
							Furniture Less depreciation		823 82	$\frac{5}{6}$				
									740					
							Plus purchases, 1930			16		000	1	
							Utensils		231	11	11	820	15	ı
							Less depreciation	• •	46	6	6			
							Plus purchases, 1930			$\frac{5}{3}$				
								• •				281	9	3
							Provisions Sundry debtors—Boarding f	ees	• • • • • • • • • • • • • • • • • • • •			$\frac{20}{26}$	0 5	0 6
							Helen Connon Hall— Site					4,800	0	0
							Buildings Less depreciation		$5,318 \\ 58$			,		-
							Less depreciation	••						
							Plus additions, 1930		$5,260 \\ 7,010$					
							Furniture		259	2	2	12,270	5	3
							Less depreciation	• •	25	18	0			
							D1			4				
							Plus purchases, 1930	••	1,374 			1,608	1	11
							Utensils Less depreciation	• •		$\frac{3}{4}$				
							1			18				
							Plus purchases, 1930		184			00#		_
							Provisions		•••			$\frac{237}{10}$	0	$\frac{7}{0}$
							Sundry debtors—Boarding T. W. Adams School of Fore					4	18	0
							Site					$^{2,780}_{860}$		0
							Investment					600	0	0
			-	:401 284	3.0	_	Students' Loan Fund—Loans	• •	• •			421		
			4	.au.i 12.24	10	- (1)	T. Control of the Con				.0	101 201	177	()

£491,384 10 0

#### 5. UNIVERSITY OF OTAGO.

Visitor.—His Excellency the Governor-General.

#### Council.

Appointed by His Excellency the Governor-General in Council—Hon. Sir. J. Allen, M.A., G.C.M.G., K.C.B., M.L.C.; G. R. Ritchie, Esq., J.P.; James Fitzgerald, Esq., B.A., M.B., &c.

Elected by graduates—Hon. Sir T. K. Sidey, K.B., B.A., LL.B., M.L.C. (Chancellor); C. M. Gilray, Esq., M.C., M.A. (Oxon); W. M. Macdonald, Esq., C.B.E., B.Sc., M.D., &c.; James Rennic, Esq., B.A., B.Sc.

Elected by the professors—J. K. H. Inglis, Esq., M.A., D.Sc., F.I.C.; Sir H. L. Ferguson, C.M.G., M.A., M.D., F.R.C.S.I.

Elected to represent Otago Hospital Board—J. W. Dove, Esq.; elected by teachers in primary schools, J. A. Moore, Esq., M.A., B.Sc.; elected by the Otago Education Board, James Wallace, Esq.; elected by High School Boards, J. C. Stephens, Esq.; elected by the Southland Education Board, J. C. Thomson, Esq.; elected by School Committees, L. D. Ritchie, Esq.; elected by teachers of secondary schools, W. J. Morrell, Esq., M.A. (Oxon), (Vice-Chancellor); elected by Dunedin City Council, J. S. Douglas, Esq., J.P.

#### Staff.

Professors.—Biology—W. B. Benham, M.A., D.Sc., F.R.S. English—Herbert Ramsay, M.A. Physiology—J. Malcolm, M.D. Mining—James Park, M.Am.Inst.M.E., &c. Dentistry—R. B. Dodds, D.D.S. Chemistry—J. K. H. Inglis, M.A., D.Sc. Domestic Arts—Ann G. Strong, B.Sc. Physics—R. Jack, M.A., D.Sc. Mental and Moral Philosophy—F. W. Dunlop, M.A., Ph.D. Anatomy—W. P. Gowland, M.D., B.Sc. Pathology—E. F. D'Ath, M.D. Classics—T. D. Adams, M.A. Modern Languages—G. E. Thompson, M.A., Litt.D. Mathematics—R. J. T. Bell, M.A., D.Sc., F.R.S.E. Geology and Mineralogy—W. N. Benson, D.Sc., F.G.S. Surgery—F. G. Bell, M.D., L.R.C.P., F.R.C.S. Systematic Medicine—D. W. C. Jones, M.A., M.D., F.R.C.P. Ophthalmology—Sir H. L. Ferguson, M.A., M.D., F.R.C.S.I. History—J. R. Elder, M.A., D.Litt. Clinical Medicine and Therapeutics—F. W. B. Fitchett, M.D., C.M. Bacteriology and Public Health—C. E. Hercus, M.D., D.P.H., D.S.O., O.B.E. Economics—A. G. B. Fisher, B.A., Ph.D. Education—R. Lawson, M.A., Litt.D. Midwifery and Gynæcology—F. R. Riley, F.R.C.S., L.R.C.P. Associate Professors—Dentistry—J. R. Burt. L.D.S. R.C.S. G. H. Parkinson, M.S. L.D.S.

Associate Professors.—Dentistry—J. R. Burt, L.D.S., R.C.S.; G. H. Parkinson, M.S., L.D.S.

Also lecturers, demonstrators, and assistants.

Registrar.-H. Chapman, Esq., B.A.

## REPORT (ABRIDGED) OF THE CHANCELLOR OF THE UNIVERSITY OF OTAGO.

In accordance with the provisions of the University of Otago Ordinance, 1869, I have the honour herewith to submit a report on the proceedings of the University of Otago for the year ended 31st December, 1930.

The Council.—There is one change only to record in the personnel of the Council. When the time arrived for the Professorial Board to appoint its representatives, Dr. Benham notified that he did not desire reappointment. The Council regrets losing the services of Dr. Benham, who for sixteen years not only acted as a faithful representative of the Board, but also took an active part in the general activities of the University. To replace Dr. Benham the Board appointed Dr. Inglis as its representative. Dr. Inglis's previous experience on the Council, together with his natural aptitude for administration, will ensure to the Board a good representative, and to the Council a valuable member.

Teaching Staff.—There have been no changes during the year in the professoriate. I have to record, however, that the Council was glad to welcome back Dr. Gowland, Professor of Anatomy, from an extended tour as the holder of a Rockefeller Fellowship. Whilst abroad Dr. Gowland visited a large number of medical teaching institutions, and his tour cannot but have a good effect on the work of our Medical School. During the year twelve months' leave of absence was also granted to Dr. Thompson, Professor of Modern Languages, and to Dr. Fisher, Professor of Economics. Dr. Thompson is first to visit America and later Europe, whilst Dr. Fisher, after visiting Russia, proposes to spend a considerable time in Geneva. Each of these Professors was awarded a travelling fellowship, the latter by the Rockefeller and the former by the Carnegie Corporation.

I do not propose to deal with changes in the lecturing staff, since these changes are referred to in the Dean's reports. There is, however, a new lectureship which the Council established during the year to which I think attention should be drawn. This is the lectureship in Experimental Psychology, to which some reference was made in my last report. The vacancy was widely advertised, and finally Mr. H. H. Ferguson, of Aberdeen, was appointed to the post.

Chair of Midwifery and Gynacology.—For many years past the teaching of the important subject of obstetrics has been in the hands of a part-time staff, and Dr. Riley, the Professor, together with his assistants, have done very valuable work with the means and time at their disposal. It was the

17 E.—7.

view of the Council, however, that the time had arrived for the appointment of a Professor who would devote the whole of his time to his teaching duties. To secure a suitable man for such a post as this it was evident that a substantial salary should be offered, and the amount of this salary was fixed at £2,000 per annum. It is difficult for the Council to find words to express its indebtedness to the New Zealand Obstetrical Society for the steps taken to make possible the payment of this large amount, but I must record the magnificent effort as a result of which the society handed to the Council the sum of £31,854. Of this sum £25,000 is to be used as an endowment for the Chair, and the balance as a scholarship endowment. To supplement this effort the Government promised a subsidy of £1 for £1 up to £25,000, and £10,000 has been paid on account.

Benefactions.—Besides the endowment for the Chair of Obstetrics, other important benefactions have been received in the course of the year. Of these I may mention a bequest from the late Mrs. Urie for cancer research, £2,813 9s. 10d.; a bequest from the late Mr. W. E. Tait for general purposes, £1,039 9s.; and a bequest from the late Miss C. A. Fulton for the Taieri Scholarship, £300.

New Buildings.—During the past year two new buildings have been brought into commission—viz., the Ethnographic Wing of the Museum, and Upper Studholme House. The former was provided by public subscription, assisted by Government subsidy. To Mr. Willi Fels the Council owes a heavy debt of gratitude, for it was largely through his generosity and untiring efforts that the funds for the erection and endowment of the Museum were raised. It is with much pleasure that I am able to report that, after the building was paid for, an endowment of over £27,000 was left in the hands of the Council. The Museum was formerly opened by Sir Frederick Chapman on the 15th October, 1930. I referred to Upper Studholme House in my last report. This building was renovated and furnished during the year, and has been of the utmost value as an additional hostel for homescience students.

# UNIVERSITY OF OTAGO. BALANCE-SHEET AS AT 31st December, 1930.

Assets.Liabilities. s. d. s. d. 140,564 0 0 Endowment lands Capital Account-University site University buildings 29,096 4 356,340 2 Amount at 31st December, 1929 704,089 14 11 356,340 Less total donations and sub-sidies in capital account received to 31st December, Equipment-7,152 Arts and General 12,057 Medical 98,106 12 8 Medical .. ... Dental, Home Science, . . 605,983 2 3 Mining Museum, Home Economics Extension ..... Total donations in Capital Account 56.4453 3 31st December,  $192\overline{9}$ 50 283 Donations received in 1930 75.654 18 37,181 1 9 3,935 87,464 8 9 Laboratory materials..  $8,002 \ 13 \ 8$   $279 \ 7 \ 8$ Furniture . . Total subsidies to 31st December, . . Office equipment ... Library (including Hocken Library, £10,069 13s. 5d.) ... Subsidies received in 1930 19,628 11 20,584 12 3 67,451 17 2 Investments—
Debentures and inscribed stock 160,195 Transfer from Income and Expenditure Accounts— Mary Glendining Donald Reid Company shares . . . . Deposit with Hallenstein Bros. 2,500 2270 100 - 0Deposits, Dunedin Savings-bank Sir John Roberts Dean's Fund Ralph Barnett 10 163,454 4 7 141 13 . . Debtors- $81\ 18$ 0 Assay fees due 19 3 6 Arts and General Account Dental School 200 Assay fees due
Chemical-analysis fees due
Dental fees due
Students' Association—On account Logan Park
... 15 14 Home Science School 23 19 125Medical School 1,390 12 9 1,440 0 11 £ s. d. Appropriations from sundry Income Bacteriology fees due  $\begin{array}{ccc} & x & s. \\ 335 & 14 \\ Pathology fees due. & 122 & 1 \\ \end{array}$ Accounts for purchase of equipment, material, books, furniture, and buildings 11,152 11 3 773.442 12 Less reserve  $\begin{array}{cccc}280&9&5\\10&11&1\end{array}$  $4,770 \ \hat{15}$ 7 Less depreciation written off ... Goitre Research 2,685 4 126 11 Interest accrued Hocken Library 4 11 768,671 16 7 Income and Expenditure Accounts— Rents due— Credit balance of accounts— Otago Reserves .. 322 15 3 Southland Reserves 105 17 11 2,105 Arts and General School Chemistry Apparatus Fund ... Home Science School ... Castle StreetReserve 52  $1,526 \quad 3 \\ 257 \quad 12$ Professors' houses 115 15 6 Home Economics Extension Moritzson Gift ... King Street property ... 6 134 . . .. 24 11 7 Ethnology Gift ... Dr. Barnett's Gift ... 47 6210 309 19 Government grant due Students' fees due 450 Sir John Roberts ...
Dental Students' Library
Parker Grave 611 1438 6 9 55 Otago Hospital Board grant due 375 Ō 0 12 Honorary Medical Staff
Obstetrics Chair
Medical School ... 6,086 1 7  $\begin{array}{ccc} 83 & 7 \\ 846 & 4 \end{array}$ 0 846 513 5 2Cash at bank ... 498 I 6,517 18 7 Less Income and Expenditure Accounts—Debit balances-£ s. 478 15 Dental School . . . 478 15 0 Mining School 2,208 14 2 Museum . . 1,437 13 11 4,125 3 1 2,392 15 6 Sundry creditors-Assay fees due to Professor ... Chemical-analysis fees due to 8 8 1 15 16 8 254 13 751 - 13000 -8 Fees due to professors 78 4 7,409 0 0 Balance of special accounts— Chamber of Commerce Ethnology Books Donation 3 Ethnographic Museum Building Hocken Library Books Committee 22.493 103 16 10 5 9 Medical School Special Library 240Dental School Equipment Popular Lectures 5 57 7 0 17 07 4 96 7 2 8 57Dr. Malcolm's Research Rheumatoid Arthritis Cancer Research 207 1,796Vitamin Research ... Cameron Memorial Fund 10 389 Physiology Research 32 3 ŏ 700 Clock Account 26,037 0 5 £804,510 12 6 £804,510 12 6

 $Approximate\ Cost\ of\ Paper, -- Preparation,\ not\ given\ ;\ printing\ (800\ copies),\ \pounds 24.$