

1905.  
NEW ZEALAND.

# EDUCATION: THE UNIVERSITY OF OTAGO.

("THE UNIVERSITY OF OTAGO ORDINANCE, 1869.")

[In continuation of E.-7, 1904.]

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

*Visitor.*—His Excellency the Governor.

*Council.*

Appointed by His Excellency the Governor in Council—His Honour Mr. Justice Williams, M.A., LL.M. (Chancellor); J. Allen, B.A., M.H.R. (Vice-Chancellor); R. Burns, F.R.C.S., Edin.; T. M. Hocken, M.R.C.S.; D. Stewart; L. W. Harris.

Elected by graduates—Rev. A. Cameron, B.A.; T. K. Sidey, B.A., LL.B., M.H.R.; Rev. W. Hewitson, B.A.; Robert Church, M.D.

Elected by the professors—Professor G. S. Sale, M.A.; Professor J. Shand, M.A., LL.D.

*Professors.*

Classics, G. S. Sale, M.A.; Natural Philosophy, J. Shand, M.A., LL.D.; Chemistry, J. G. Black, M.A., D.Sc.; Anatomy, J. H. Scott, M.D., M.R.C.S.; Mining and Mining Geology and Director of the School of Mines, James Park, M.A.I.M.E., M.I.M.M., F.G.S.; Biology (also Curator of the University Museum), W. B. Benham, D.Sc., Lond.; Mental and Moral Philosophy, Rev. W. Salmond, M.A., D.D.; Mathematics (also Lecturer on Political Economy), F. B. de M. Gibbons, M.A.; English Language and Literature, T. Gilray, M.A.; Physiology, J. Malcolm, M.D.

*Lecturers.*

French, Geo. E. Thompson, M.A.; German, F. H. Campbell, M.A.; Hebrew, Rev. M. Watt, M.A., D.D.; Practice of Medicine, D. Colquhoun M.D., M.R.C.P., M.R.C.S.; Medical Jurisprudence and Public Health, F. Ogston, M.D., C.M.; Midwifery and Diseases of Women, F. C. Batchelor, M.D., M.R.C.S., L.R.C.P.; *Materia Medica*, E. E. Blomfield, M.D.; Pathology, W. S. Roberts, M.R.C.S.; Ophthalmology, H. L. Ferguson, M.A., M.D., &c.; Surgery, L. E. Barnett, M.B., C.M., F.R.C.S.; Mental Diseases, F. T. King, M.B., C.M., B.Sc.; Clinical Medicine and Clinical Surgery, the Honorary Medical and Surgical Staff of the Dunedin Hospital; Metallurgy and Assaying, D. B. Waters, A.O.S.M.; Geology and Mineralogy, P. Marshall, D.Sc.; Constitutional History, A. R. Barclay, M.A.; Jurisprudence, Wm. Grant Hay, LL.B.

*Registrar*—W. A. Mason.

THE CHANCELLOR OF THE UNIVERSITY OF OTAGO TO HIS EXCELLENCY THE GOVERNOR.  
YOUR EXCELLENCY,—

University of Otago, Dunedin, 1905.

In compliance with the provisions of "The University of Otago Ordinance, 1869," I have the honour to forward to Your Excellency the following report of the proceedings of the University of Otago for the year ending the 31st March, 1905.

*Attendance.*—The attendance at the classes for the past twelve months was as follows:—

					Matriculated.	Not Matriculated.	Total.
Males	..	..	..	..	174	26	200
Females	..	..	..	..	83	4	87
Total	..	..	..	..	257	30	287

*Degrees.*—The degrees obtained by the students at the examinations held by the New Zealand University are as follows : Master of Arts, 11 ; Bachelor of Arts, 12 ; Bachelor of Science, 14 ; Bachelor of Laws, 1 ; M.B. and Ch.B., 4 ; also, honours in arts, 6 ; honours in science, 2 ; senior scholarships, 6 ; Rhodes Scholarship, 1904, J. Allan Thomson, B.Sc.

*Staff.*—On the 31st March, 1905, the Registrar, Mr. J. M. E. Garrow, B.A., resigned the registrarship, and Mr. W. A. Mason was appointed to fill the vacancy.

*Council.*—Mr. G. G. Russell resigned his seat on the Council, and Mr. L. W. Harris was appointed by the Governor in Council in his place.

*Scholarships and Prizes.*—The following scholarships and prizes have been awarded : Macgregor Prize, Oliver Duff ; Stuart Prize, B. E. Murphy ; Ulrich Medal, R. A. Farquharson ; Parker Prize, A. J. Cottrell.

*Castle Street Block.*—Twenty of the twenty-eight sections on this block have now been let, and thirteen houses are erected or in the course of erection. The base of the retaining-wall has been protected by strong buttresses bound by strong wire netting, and this arrangement has so far worked admirably, as not the slightest damage has been done by the Leith during the last two floods.

*Dental School.*—The report of the committee appointed to inquire into the question of the establishment of a Dental School has not yet been presented.

JOSHUA STRANGE WILLIAMS, Chancellor.

OTAGO SCHOOL OF MINES: REPORT OF THE DIRECTOR (PROFESSOR JAMES PARK, M.A.I.M.E., M.I.M.M., F.G.S.).

THE DIRECTOR reported as follows :—

The Mining School for the year ending the 31st March, 1905, showed the satisfactory attendance of 47 students, comprising 34 registered students for the full course and 13 for one subject only—namely, 12 in geology and 1 in surveying. The persistent rumours in the past year or two that the Mining School would be closed or removed from Dunedin created a feeling of uncertainty as to the future, which has already caused a marked decrease in the number of new students for the session of 1905. It will doubtless be some time before we again reach the satisfactory attendance of the past four years.

*Diplomas granted in 1904.*—Diplomas were issued to students on production of the necessary certificates of practical work as follows : Diploma in metallurgy, 4 ; diploma in mining, 4.

*Annual Examinations.*—Forty-two students presented themselves for examination in thirty-four subjects, and of these only three failed—namely, one in mathematics, one in physics, and one in surveying.

*New Zealand University Examinations.*—Exhibition Scholarship, 1851 : Two mining students competed for the 1904 scholarship—namely, Arthur R. Andrew, B.Sc., and James Allan Thomson, B.Sc. The geological theses sent in by these students were reported by the English examiner to be equal and excellent. The Senate of the University of New Zealand at its annual meeting in Wellington in February, 1904, awarded the scholarship to Mr. Andrew, who in the same year won first-class honours in physics and second-class honours in geology. Mr. Thomson had gained first-class honours in geology, and for this and his excellent thesis the Senate recommended the 1851 Exhibition Commissioners to award him a second Exhibition Scholarship. The Commissioners acceded to the request, and awarded Mr. Thomson a scholarship, which he resigned in favour of the Rhodes Scholarship.

*The Rhodes Scholarship for 1904.*—Mr. J. Allan Thomson was elected the first Rhodes Scholar for New Zealand by the Selection Committee, sitting in Government House, Wellington, in May, 1904. He was a distinguished scholar and prominent athlete. His academic career represented a standard of excellence rarely equalled by a graduate of the University of New Zealand. He has earned our most hearty congratulations.

*Laboratory.*—During the year eighty-four samples of ore were assayed for the public at schedule rates, and in the same period the Director furnished reports on thirty-seven samples of rocks and minerals free of charge.

*Geodesic Station on Tanna Hill.*—Last October and November the Director completed the observations needed to connect Tanna Hill with the Government meridional geodesic station at Observation Point, Port Chalmers. The latitude and longitude of the station on Tanna Hill have been computed, and an azimuthal bearing in terms of Observation Point meridian thrown on to an iron standard in the quadrangle in the University grounds. A true bearing has also been thrown on to the illuminated clock in the Town Hall tower, which provides the necessary referring-light for night observations without cost or charge to the Council. The surveying students will now be able to conduct their surveys on true meridian, instead of on an artificial or magnetic meridian as in former years ; check the error in azimuth of their traverse meridian ; and take rounds of angles to the sun and circumpolar stars for the determination of meridian, latitude, and time.

*Chain Standard.*—Of late years field measurements have been made by surveyors and engineers with 500-link steel bands, but up till now there has been no standard provided in Otago for checking the accuracy of the bands. It is a pleasure to report that a 5-chain standard is now being laid down by the General Survey Department of New Zealand, under the direction of Mr. D. Barron, Chief Surveyor, in the University grounds, near the Mining School, for the use of the professional surveyors, engineers, and mining students.

*Associates of Mining School.*—The diploma of associate was first issued in the year 1887. The diplomas granted in the several divisions of the school to the end of 1903 were :—

Mining, 70 ; metallurgy, 32 ; geology, 12. In 1904 there were mining 4 and metallurgy 4.

In 1892 the standard of instruction for the associate diplomas was raised to that of the B.Sc. requirements of the New Zealand University in mining engineering. Prior to that date mining graduates took the ordinary B.Sc. Since that date some take the B.Sc. in mining or metallurgical engineering; but some still prefer the ordinary B.Sc., as the requirements in respect to keeping terms are easier than for the former.

The mining graduates who have taken the ordinary and engineering B.Sc. are as follow: Ordinary B.Sc. prior to 1902, 3; ordinary B.Sc. since 1902, 5; engineering B.Sc. since 1902, 3; total, 11.

*Mining School Buildings.*—I regret to report that the class-rooms and laboratories, with a single exception, are in a ruinous and dilapidated condition, thereby adding considerably to the discomfort which must always attend lecturings and laboratory work in a corrugated-iron building—at best a mere shell—in a rigorous climate like this. The roof of the main building is not weatherproof, with the result that during heavy rain pools of water collect on the floor, on the drawing-tables and weighing-balances. Streams of storm-water pour down the walls in places; through this cause the scrim in the large lecture-room has become rotten, permitting the wall-paper to hang down in long strips. The need of a new up-to-date and commodious building has now become a matter of common necessity. The attendance and results last year formed a record in the history of the school. No faculty connected with the University of New Zealand has provided through its diplomas the same lucrative employment for its graduates, and none is so badly housed; none could be worse.

*Conclusion.*—My acknowledgments are due to Dr. Marshall, Mr. Waters, Mr. Armstrong (lecturers), and Mr. Algernon Spencer (demonstrator in surveying) for the zeal they displayed in carrying out their duties during 1904.

#### OTAGO UNIVERSITY MUSEUM: REPORT OF THE CURATOR (DR. W. B. BENHAM, D.Sc.).

HAVE to report that during the year 1904 the work that has been carried out in the Museum is small in amount as compared with that detailed in my last report (for 1903). During that year I had made special efforts to effect some extensive and long-needed rearrangements and relabellings of the New Zealand collections, in view of the meeting of the Australian Association for the Advancement of Science in Dunedin in January of 1904.

During the last summer I held a special class for honours students in zoology, so that the time at which my attention is usually directed to Museum work was fully occupied; and, further, the taxidermist was absent for three months, as with your approval he was permitted to go to Wellington to assist the Director of the Colonial Museum.

The only work of importance that I was able to undertake has been in connection with an attempt to render the collection of mammals somewhat more interesting to the general public. To this end I have added a number of cards bearing a brief written account of the habits, or structural peculiarities, or the geographical distributions, &c., of the more striking and interesting specimens. I have also written concise diagnoses of the orders of mammals, using popular language as far as possible. About a hundred and twenty of these labels—some large, others small—have been placed in the cases, together with thirty small maps, in addition to those already exhibited, showing, by means of colours, the geographical range and geological history of as many genera. This work has necessitated some rearrangement of the specimens, so as to allow the labels to be properly displayed.

I have in preparation a new case to illustrate the characteristic features of the class Mammalia, which I hope to complete during the present year; and, later, I intend to add similar cases and labels in explanation of the birds, reptiles, and other groups of vertebrates. In this way I hope to make our Museum more interesting to the general public and to students, for it is the experience of museum curators that something more than the mere name of the animal is needed to attract the more intelligent visitor. The exhibition of a great number of specimens has little or no scientific value (except in the case of local faunistic collections), and no interest to the general public; whereas a few picked specimens, with explanatory or descriptive labels, couched in carefully chosen language, is believed to stimulate the interest of visitors. This I hope to carry out gradually, but necessarily it requires a good deal of time not only to select suitable specimens but to write out neat labels; and, as my whole time during six months of the year is occupied in teaching, progress must be slow.

#### *New Exhibits.*

The following few additions to the collections have been placed on exhibition:—

A. *New Zealand Zoology.*—Only ten specimens have been added, including an interesting foraminiferan (*Ramulina globulifera*), obtained from a depth of 110 fathoms off the coast of the North Island, and a small shell (*Philobrya costata*) from the same depth; also a new species of fresh-water bivalve (*Unio websteri*).

B. *Foreign Zoology.*—Seven additions, including a fine skeleton of a wallaby from a specimen presented by Mr. Studholme, a skull of the crab-eating seal, and a stuffed emperor penguin (the largest of its race) from the Antarctic regions, and a specimen of *Nautilus umbilicatus* from New Caledonia. A cast of the Cro-magnon skull, presented by Dr. Scott, makes a valuable addition to the small series of casts illustrating the history of man.

C. *Ethnology, &c.*—A pair of Norwegian "skis" used by a member of the "Discovery" Expedition to the Antarctic regions, and one or two small articles from elsewhere.

#### *Remounts, Repairs, &c.*

The skeletons of all the ratite birds (ostrich, rhea, emu, cassowary), including the nine fine moas, have been remounted on firm supports. They had previously been set up on a clumsy framework too weak to hold the bones properly, so that the parts got displaced during dusting.

The skeletons of the extinct New Zealand birds (*Aptornis*, *Cnemiornis*) have also been remounted, and additional bones, obtained in 1903 from Ngapara, now render the skeleton of *Aptornis* nearly complete.

The taxidermist has also carefully painted the beaks and feet of many of our native birds to resemble the colours of the living animal, thus giving a much better appearance to the specimens. A number of specimens of invertebrates have been remounted or replaced by better examples. Work of this kind is, of course, constantly being carried out by the taxidermist, who, further, examines all the cases periodically, cleans the specimens, and adds fresh naphthalene, and so forth.

#### *Collateral Work.*

During the year I forwarded to Professor Ehlers, of Göttingen, the well-known specialist on this group, a collection of all the species of marine annelids that I had been gradually accumulating during the last six years. Dr. Ehlers will publish a description of these, and I have requested him to forward the collection to the natural-history department of the British Museum.

As being indirectly connected with Museum work, I may mention that a grant of £50 was made by the Australasian Association for the Advancement of Science to a small committee, consisting of Professor Thomas (of Auckland), Dr. Chilton (of Christchurch), Mr. Hamilton (of Wellington), and myself, for the purpose of investigating the fauna at the bottom of the sea, at a depth of about 100 fathoms, round our coast. Two attempts were made in January, 1904, to dredge at this depth outside the Otago Heads, under the guidance of Mr. Charles Hedley, of the Australian Museum, who has carried out a good deal of this kind of work. The Otago Harbour Board was good enough to place at our disposal its tug (the "Koputai"), and the Union Company lent us a Thompson sounding apparatus, which was placed under the charge of two officers of the New Zealand Shipping Company. Our first attempt was fruitless, as the sea was too rough to work in, and owing to damage to the steamer we had to return without letting down the dredge. Our second attempt, made on the following day, resulted in the loss of the dredge-bucket, but we then sent down a net with a sack round the bottom, and from a depth of about 120 fathoms obtained a small quantity of sand containing an interesting annelid (*Euphrosyne inermis*) and a number of small shells, which Mr. Hedley is now working at.

Later this gentleman made another expedition from Auckland, with much better results. Many of the shells collected had been hitherto regarded as extinct, and were known only from the Wanganui beds. This agrees with the results obtained off the Australian coast.

I hope to make a further attempt during the coming year to investigate the "continental shelf" of New Zealand.

The completion of the Portobello Marine Fish-hatchery during the past year has also a distinct connection with the Museum work, as it will afford opportunities for obtaining new specimens for the Museum and for research-work, while the laboratory there will enable me to carry on certain kinds of work that cannot be conveniently done in Dunedin.

#### *List of Acquisitions.*

A. *New Zealand Zoology*.—About a hundred and thirty specimens have been obtained during the past year—some by gift from various residents in Otago and elsewhere (see below), others collected by myself. Amongst the more noticeable are: A small collection of moths, presented by Mr. A. Philpott; a pouched lamprey—a rare fish—presented by Mr. Goodwin, of Tuapeka; *Ooperipatus viridimaculatus*, collected by myself on the Te Anau—Milford Track, and hitherto only known from specimens in the possession of Dr. A. Dendy. Most of these acquisitions are placed in the storeroom for use either as exchanges or for research by myself (see below) or students; some have been placed on exhibition.

B. *Foreign Zoology*.—The few additions include the interesting palolo-worm from Fiji, presented by Dr. Borret, of H.M.S. "Pylades"; a goura pigeon from New Guinea, presented by Mrs. McDonald; and various spiders and insects presented by Mr. W. Bull, Mr. Burton, and others. These are in addition to the emperor penguin and the skull of the crab-eating seal, which were purchased.

C. *Geology, &c.*—Mr. Grimshaw, of Sydney, presented some fulgurites—masses of sand fused by lightning; various fossils were presented by different people.

D. *Ethnology*.—A stone axe-head from New Guinea, presented by Dr. Fulton, and the pair of Norwegian skis obtained by purchase.

#### *List of Donors of New Zealand Specimens.*

To the following persons I have already sent formal acknowledgment for their gifts: J. C. Buckland, Akaroa, egg-cases of mantis and trapdoor spiders; Captain Bollons, Government s.s. "Hinemoa," shells, insects, annelids, &c., from the Kermadecs and from Stephen's Island; Mrs. Campbell, the Nuggets, a stick insect; W. Christy, Dunedin, fish; Mr. Duncan, North-east Valley, nest and eggs of the warbler; Dr. Fulton, fresh-water annelids; Dr. H. E. Finch, Christchurch, barracouta with parasites; Watts Goodwin, Tuapeka, pouched lamprey; Miss Grenfell, a large dragon-fly from Central Otago; A. Hamilton, Wellington, lampshells, Peripatus and Ramulina; H. Hamilton, a fossil shell from Oamaru Cape; C. Hedley, Sydney, Philobrya; Richard Henry, Dusky Sound, annelids, molluscs, crustacea, fish, &c.; E. Jennings, taxidermist, Tuatara, gull; Rev. E. B. King, Dunedin, spiders; J. Mackenzie, earthworms, &c., from Westland; T. McLachlan, a moth from Tekapo; Miss Mestayer, Wellington, shells and annelids; Mr. Muir, luminous fish from Ocean Beach; R. Murdoch, Wanganui,

shells in exchange; Mr. Murray (per Editor *Otago Witness*), swamp-rail; A. Philpott, Invercargill, collection of moths; R. Shakespear, Little Barrier Island, earthworms; Mr. Sherry, fossils from Ahuriri Flat; H. Suter, Auckland, annelids from various parts of North Island; J. Crosby Smith, Invercargill, native slugs; G. M. Thomson, Dunedin, rare crab; J. A. Thomson, larvæ of aquatic fly; Mr. Tannock, Dunedin, a kea; Rev. A. Webster, Wainui, shells in exchange.

Gifts of specimens of New Zealand birds, fishes, or insects will be most acceptable, and will be gratefully acknowledged by the curator.

Our collection is very poor in ethnological objects, and I desire to increase this part of the Museum. I shall be especially glad to receive articles from the South Sea Islands; and, although the present building is not very suitable for the purpose, I trust that as the collection increases we may be able to obtain funds for adding a concrete wing in accordance with the original design of the architect.

#### *Research.*

The following are the more important memoirs that have been published by me during the last seven years, or are in the press, founded on material accumulated in the Museum: "Notes on the Viscera of Notornis," "On the Larynx of Certain Whales," "On the Anatomy of Cogia," "Notes on the Osteology of the Short-nosed Sperm Whale," "An Account of the External Anatomy of a Baby Rorqual," "Note on an Entire Moa's Egg in the O.U. Museum," "Remains of a Gigantic Fossil Cirripede," "The Sipunculids of New Zealand," "On a New Species of Leech recently discovered in New Zealand," "An Apparently New Species of Regalecus." These, together with some dozen or more memoirs on New Zealand earthworms, have appeared in the *Quarterly Journal of Microscopical Science* (London), in the Proc. Zoological Society, the *Geological Magazine*, and in the Trans. New Zealand Institute.

#### *Teaching-collection.*

In addition to specimens added to the public portion of the Museum, I am continually adding new preparations to the teaching-collections in the biological laboratory. During the past year the taxidermist has set up several new preparations to illustrate the comparative anatomy of vertebrates, such as a series of short pieces of vertebral column of various cartilaginous fishes (chimæra, sturgeon, sharks, &c.), to illustrate the development of the vertebral column; the larynx of turtle, lizard, and seal; the pectoral girdle and fin of ceratodus, ling, and lizard; transverse sections of head (showing gill) of shark and bony fish.

The Museum has been open, as usual, on every day of the year, with the exception of Good Friday, Christmas Day, and Labour Day, and on a few other occasions during the absence of the taxidermist. The Museum apparently affords a means of interest to a very large number of people, young and old, for on Sundays and holidays several hundreds visit the building on an afternoon.

#### THE MEDICAL SCHOOL: REPORT OF THE DIRECTOR (PROFESSOR JOHN H. SCOTT, M.D., M.R.C.S.).

There are now 88 students attending the school; of these, 27 are in their first year, as against 20 in 1904. Last year's graduates numbered 6.

Thanks to Government assistance much-needed improvements have lately been carried out, and the school has in consequence been materially strengthened. The chief of these is the appointment of a professor of physiology, and the separation of that subject from anatomy. Dr. Malcolm, who held the position of lecturer on chemical physiology in the University of Edinburgh, has been appointed to the chair, and is now in charge of the new department. The teaching of pathology has also been rendered more thorough by the addition of a summer course on the subject. This has enabled the lecturer to devote more time to practical work and to bacteriology. Clinical tutors in medicine and surgery have been appointed, and are doing valuable work.



## MACANDREW SCHOLARSHIP ACCOUNT.

Balance, 31st March, 1904 .. ..	£ s. d.	830 17 2	Bank charge .. ..	£ s. d.	0 10 0
Interest on debentures .. ..		29 8 3	Balance—		
			Debentures .. ..	793 19 1	
			Current account, Bank of		
			New Zealand .. ..	65 16 4	
					859 15 5
		<u>£860 5 5</u>			<u>£860 5 5</u>

## MACGREGOR PRIZE FUND ACCOUNT.

Balance, 31st March, 1904 .. ..	£ s. d.	129 8 4	Holder .. ..	£ s. d.	4 4 0
Interest on debentures .. ..		4 7 5	Bank charge .. ..		0 5 0
			Balance—		
			Debentures .. ..	124 19 4	
			Current account, Bank of		
			New Zealand .. ..	4 7 5	
					129 6 9
		<u>£133 15 9</u>			<u>£133 15 9</u>

## PARKER MEMORIAL PRIZE FUND ACCOUNT.

Balance, 31st March, 1904 .. ..	£ s. d.	50 0 0	Holder .. ..	£ s. d.	2 0 0
Interest on debentures .. ..		2 0 0	Balance, debenture .. ..		50 0 0
		<u>£52 0 0</u>			<u>£52 0 0</u>

## RICHARDSON SCHOLARSHIP ACCOUNT.

Balance, 31st March, 1904 .. ..	£ s. d.	848 7 3	Holder .. ..	£ s. d.	25 0 0
Interest on debentures .. ..		31 12 0	Bank charge .. ..		0 5 0
			Balance—		
			Debentures .. ..	823 2 3	
			Current account, Bank of		
			New Zealand .. ..	31 12 0	
					854 14 3
		<u>£879 19 3</u>			<u>£879 19 3</u>

## SIR GEORGE GREY SCHOLARSHIP ACCOUNT.

Extra grant, Education Department ..	£ s. d.	50 0 0	Holder .. ..	£ s. d.	50 0 0
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## SIR WALTER SCOTT SCHOLARSHIP ACCOUNT.

Balance, 31st March, 1904 .. ..	£ s. d.	303 14 11	Bank charge .. ..	£ s. d.	0 5 0
Interest on debentures .. ..		11 13 7	Balance—		
			Debentures .. ..	303 9 11	
			Current account, Bank of		
			New Zealand .. ..	11 13 7	
					315 3 6
		<u>£315 8 6</u>			<u>£315 8 6</u>

## STUART PRIZE FUND ACCOUNT.

Balance, 31st March, 1904 .. ..	£ s. d.	102 10 10	Holder .. ..	£ s. d.	3 0 0
Interest on debenture .. ..		4 10 0	Balance—		
			Debenture .. ..	100 0 0	
			Current account, Bank of		
			New Zealand .. ..	4 0 10	
					104 0 10
		<u>£107 0 10</u>			<u>£107 0 10</u>

## TAIERI SCHOLARSHIP ACCOUNT.

Balance, 31st March, 1904 .. ..	£ s. d.	316 12 8	Bank charge .. ..	£ s. d.	0 5 0
Interest on debenture .. ..		11 8 8	Balance—		
			Debentures .. ..	316 7 8	
			Current account, Bank of		
			New Zealand .. ..	11 8 8	
					327 16 4
		<u>£328 1 4</u>			<u>£328 1 4</u>

## ULRICH PRIZE FUND ACCOUNT.

Balance, 31st March, 1904 .. ..	£ s. d.	65 0 0	Holder .. ..	£ s. d.	1 5 0
Interest on debentures .. ..		2 12 0	Balance—		
Grant from General Account .. ..		1 5 0	Debenture .. ..	65 0 0	
			Current account, Bank of		
			New Zealand .. ..	2 12 0	
					67 12 0
		<u>£68 17 0</u>			<u>£68 17 0</u>

## WOMEN'S SCHOLARSHIP ACCOUNT.

		£	s.	d.			£	s.	d.
Balance, 31st March, 1904	.. ..	617	4	5	Holder	.. ..	..	..	15 0 0
Interest on debentures	.. ..	22	18	2	Bank charge	.. ..	..	..	0 5 0
					Balance—				
					Debentures	.. ..	601	19	5
					Current account, Bank of				
					New Zealand	.. ..	22	18	2
									624 17 7
									<u>£640 2 7</u>
									<u>£640 2 7</u>

INTEREST ACCOUNT.—No. 3 Loan: Building Purposes, £15,000; Reclamation Purposes, £1,000.

		£	s.	d.			£	s.	d.
From General Account	.. ..	722	5	0	Interest paid on £16,000 to 1st January, 1905	.. ..	..	..	722 5 0
									<u>722 5 0</u>

DEBENTURE ACCOUNT under "Dunedin Savings Bank Profits Act, 1878," and Amending Act, 1902.

		£	s.	d.			£	s.	d.
Balance, 31st March, 1904, Government Debentures	.. ..	6,500	0	0	Balance, 31st March, 1905, Government debentures	.. ..	6,500	0	0
									<u>6,500 0 0</u>

## WOLF HARRIS ENDOWMENT ACCOUNT.

		£	s.	d.			£	s.	d.
Balance, 31st March, 1904—					Balance, 31st March, 1905—				
Debentures	.. ..	2,000	0	0	Debentures	.. ..	2,000	0	0
Interest	.. ..	97	17	9	Current account, Bank of New Zealand	.. ..	97	17	9
									<u>£2,097 17 9</u>
									<u>£2,097 17 9</u>

## BALANCES.

Cr.		£	s.	d.	Dr.		£	s.	d.
General Account	.. ..	3,443	16	11	General Account, Bank of New Zealand	.. ..	770	1	1
Scholarships and prizes—					Scholarships and prizes—				
Macandrew Scholarship Account	.. ..	859	15	5	Macandrew Scholarship Account	.. ..	65	16	4
Macgregor Prize Fund Account	.. ..	129	6	9	Macgregor Scholarship Account	.. ..	4	7	5
Parker Prize Fund Account	.. ..	50	0	0	Richardson Scholarship Account	.. ..	31	12	0
Richardson Scholarship Account	.. ..	854	14	3	Sir Walter Scott Scholarship Account	.. ..	11	13	7
Sir Walter Scott Scholarship Account	.. ..	315	3	6	Stuart Prize Fund Account	.. ..	4	0	10
Stuart Prize Fund Account	.. ..	104	0	10	Taieri Scholarship Account	.. ..	11	8	8
Taieri Scholarship Account	.. ..	327	16	4	Ulrich Memorial Prize Fund Account	.. ..	2	12	0
Ulrich Memorial Prize Fund Account	.. ..	67	12	0	Women's Scholarship Account	.. ..	22	18	2
Women's Scholarship Account	.. ..	624	17	7	Wolf Harris Endowment	.. ..	154	9	0
Dunedin Savings-bank Debenture Account	.. ..	6,500	0	0	Debentures—				
Wolf Harris Endowment Fund Account	.. ..	2,097	17	9	General	.. ..	100	0	0
					Savings-bank debentures	.. ..	2,921	2	4
					Wolf Harris Endowment	.. ..	2,000	0	0
					Scholarships and prizes—				
					Macandrew Scholarship Account	.. ..	793	19	1
					Macgregor Prize Fund Account	.. ..	124	19	4
					Parker Prize Fund Account	.. ..	50	0	0
					Richardson Scholarship Account	.. ..	823	2	3
					Sir Walter Scott Scholarship Account	.. ..	303	9	11
					Stuart Prize Fund Account	.. ..	100	0	0
					Taieri Scholarship Account	.. ..	316	7	8
					Ulrich Memorial Prize Fund Account	.. ..	65	0	0
					Women's Scholarship Account	.. ..	601	19	5
									3,178 17 8
									15,622 7 10
					Less outstanding cheques	.. ..	247	6	6
					Dr. Balance Building Account	.. ..	480	2	9
									727 9 3
									<u>£14,894 18 7</u>
									<u>£14,894 18 7</u>

amined and found correct,

J. K. WARBURTON,

Controller and Auditor-General.

W. A. MASON, Registrar.

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