

SESS II.—1884.
NEW ZEALAND.

EDUCATION:
THE CANTERBURY COLLEGE
(PAPERS RELATING TO).

[In Continuation of E.-7, 1883.]

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

STATEMENT of CHAIRMAN of the BOARD of GOVERNORS.

At the annual meeting of the Board of Governors of the Canterbury College, held on the 11th July, 1884, the Chairman's statement of the progress made and the work done in the several departments during the year was read, as follows:—

This being the eleventh annual meeting of the Board, I propose to give a short statement showing the work done during the past twelve months.

COLLEGE.

It is a matter of profound regret that two vacancies have occurred on the Board during the past year, owing to the deaths of Mr. W. J. W. Hamilton and Mr. Henry John Tancred. Their earnestness of purpose and lengthened experience in the cause of education largely contributed to the success which has attended this College. Mr. Leonard Harper was elected a Governor to fill one of the vacancies. By the provisions of the College Ordinance, whenever there are thirty graduates on the books of the College, these graduates are empowered to elect a Governor when a vacancy occurs. There being now the required number, the vacancy caused by the death of Mr. Tancred will be filled by the graduates. The number of matriculated students attending the classes during the past year was seventy-seven, being an increase of twenty over those attending during the previous year. The total number of matriculated and non-matriculated students attending lectures during the year was 193, being an increase of fifty-five. The number of students attending each lecture during the last term was as follows:—

Classics.—Pass Latin: Translation, 21; composition, 27.—Greek: Translation, 6; composition, 5.—Honours Latin: Translation, 5; composition, 7.

English Literature.—Pass Lectures: Eighteenth-century literature, 50; language of Swift and Pope, 37; composition, 92; art of Swift and Pope, 85.—Honours Lectures: Philology, 15; criticism, 25.

History.—Eighteenth century, 41.

Mathematics.—Lower division, 32; upper division, 1; mechanics and hydrostatics, 19; advanced mathematics, 3.

Chemistry and Physics.—Junior chemistry, 8; senior chemistry, 4; junior physics, 24; senior physics, 5; senior physics (teachers' class), 17; laboratory practice, 10.

Geology.—Junior geology, 2; senior geology, 1; teachers' geology, 9; teachers' geology (senior), 8.

Biology.—First year botany, 20; second year botany, 8; first year zoology, 2; second year zoology, 1; pass biology (physiology), 9; honours biology, 2; honours botany, 1; honours zoology, 1; laboratory practice botany, 22; ditto zoology, 2; ditto honours, 3.

French.—Senior class, 11; junior class, 3.

German, 5.

Jurisprudence, 8.

Law, 3.

Lectures on Jurisprudence.—Owing to a reduction of its funds, in consequence of the operation of the Law Practitioners Act, the Law Society was unable to grant the contribution to the salary of the Law Lecturer at the College as in the previous year; therefore the whole salary has been borne by the College.

Evening Lectures.—The Board, at a meeting on April 7, authorized the Professors to hold evening classes on "scientific" and "technical" subjects, one evening in each week during term, from eight till nine, at a fee of 5s. for twelve lectures. The public took advantage of this, and the lectures of Professor Bickerton, on Chemistry, were attended by seventy-six students. Arrange-

ments have been made by which Mr. E. Dobson, C.E., will give a course of popular lectures in connection with the Technological Museum on "Building Construction."

Five students from the College entered at the last University examination for M.A. and honours. All obtained the degree. J. P. Grossman obtained first-class honours in two departments, in Political Science and Languages, and second class in Mental Science. L. Cohen obtained second class in two departments, Political Science and Languages, whilst Miss J. G. Grossman and Messrs. R. F. Irvine and H. T. Purchas obtained third-class honours in Languages. Eight students from the College have passed the final section of their examinations, and have had the B.A. degree conferred on them—W. P. Evans, R. M. Laing, A. J. Mayne, J. A. Newell, J. J. Patterson, W. A. Robinson, Miss E. H. Searle, and W. Taylor; whilst ten have passed the first section of their degree examination—Miss C. Alexander, A. Binnie, R. W. Cocks, G. M. Hutton, H. M. Inglis, P. Kime, R. Lamb, H. H. Mathias, T. W. Rowe, and H. von Haast. Of the six senior scholarships offered for competition in last University examinations, four were gained by students of the College—P. Kime, R. Lamb, T. W. Rowe, and H. von Haast. The College Exhibitions given for excellence in honours work at the College annual examination were awarded as follows: For Latin, R. W. Cocks; for English, T. W. Rowe; for mathematics, P. Kime; for natural science, R. M. Laing and T. W. Rowe, who were equal; for experimental science, R. Lamb; for history, political economy, and French, Miss E. H. Searle.

The graduates of the University of New Zealand who have been educated at the College now number thirty-five, eighteen of whom have attained the degree of M.A., and seventeen the degree of B.A. Two of these have also obtained the degree of LL.B. Of the Masters of Arts one gained double first-class honours, one a double first-class and a second, nine first-class honours, one a double second, and five third-class. Thus, out of eighty-eight who have taken degrees in the University of New Zealand, thirty-five belong to Canterbury College; out of the twenty-nine who have taken M.A., eighteen belong to it; out of sixteen who have taken first-class honours, eleven belong to it.

Of the forty-five senior and third-year scholarships awarded by the University of New Zealand during the last five years—the period during which the present scholarship regulations have been in force—twenty-nine have been awarded to students of Canterbury College.

Boys' HIGH SCHOOL.

In my statement last year, I mentioned that the Headmaster had sent in his resignation, to take effect on the 31st March, 1884, and that a Commission had been appointed to select a duly-qualified Master in England. The names of the gentlemen appointed were—the Rev. B. Jowett, D.D., Vice-Chancellor of the University of Oxford; the Rev. J. Wilson, Headmaster of Clifton College; and Mr. A. Sidgwick, Tutor at Corpus Christi College, Oxford; assisted by Mr. W. Kennaway. Sixty-six applications were received for the appointment; and, after careful consideration and a personal interview with some of the applicants, Mr. C. E. Brown, M.A., a late scholar of Lincoln College, graduate in classical honours, was appointed. Mr. Brown had been assistant-master at the Manchester Grammar School (where there were 960 boys and a staff of forty masters) for five years. He arrived by the "Tongariro" in April last, and immediately entered on his duties. By resolution of the Board, I wrote a letter to each of the Commissioners, thanking them for their valuable services, and begging their acceptance of the honorarium voted by the Board.

The number of boys on the roll for the current term is 105. In November last the school was inspected by Mr. J. H. Pope, appointed by the Education Department at Wellington, who stated that the organization of the school was based upon the principle of distinct classification for each subject. A good deal of science work was done. The discipline of the school was good, and a large amount of attention appeared to be paid to English composition, and the teaching in geometry, Latin, and French was clear and vigorous. The junior masters were changed too often, but this was probably owing to their being men of attainments and easily getting better appointments. The school was examined at Christmas by Professors Bickerton, Brown, Cook, and Haslam, and the Rev. C. Turrell. Their reports were laid before the Board, and afterwards read at the annual gathering, when prizes were distributed to pupils who had distinguished themselves.

The teaching staff in the school at present is—Headmaster, C. E. Brown, M.A.; second master, G. Hogben, M.A.; assistant-masters, B. K. S. Lawrence, B.A., F. Fergusson, T. Arnold, B.A., H. Cross; part-time master, H. Watson, B.A.; modern languages, E. de Montalk, B. ès L.; singing-master, H. Wells (Cathedral choir-master); drill-instructor, Captain Fergusson, C.R.V. With a view to inducing the boys to take an interest in drill, a cadet corps was formed, and their services have been accepted by His Excellency the Governor. Three boys passed the matriculation examination, and a Board of Education scholarship in Class D was gained by E. T. Norris.

GIRLS' HIGH SCHOOL.

This school has made most satisfactory progress. There has been a large increase in the number of pupils. The average attendance last year was seventy-five; this year the average was eighty-four. The attendance for the first term, 1884, was ninety-seven; and the number attending this current term, 100. The school was inspected by Mr. J. H. Pope, of the Education Department, in November last, who speaks of it as follows: "The discipline is very good; the order is excellent. It would be impossible for any one who had seen the logical and methodical way in which the questions placed before them were attacked by the girls to doubt that the instruction that had produced such results must have been of a very high class indeed." The school was also examined by Professors Brown, Bickerton, Cook, and Haslam, and the Rev. C. Turrell, at the end of the year, and their reports were very satisfactory. The needlework done by the pupils was carefully examined by three ladies who kindly gave their services. Their report was most favourable. These reports were read at the annual gathering, when valuable prizes were given to the pupils who had distinguished themselves. The publication of the reports of the examiners the Board has always considered a matter of great importance, and therefore these reports, with prize-list and

prospectus, have been printed in book form and distributed to the parents and guardians of the pupils. The following changes have taken place in the teaching staff of the school: Miss Pike and Miss Cambridge resigned in January last, one in consequence of domestic arrangements, and the other owing to ill-health. Miss Will and Miss Alexander, both undergraduates of the University, were appointed to the vacancies. As the school increased in numbers it was thought advisable to enlarge the staff by the appointment of two undergraduates of the University—Miss Hester Cannon and Miss B. E. Gibson—as part-time teachers. Much attention is paid to calisthenics, and the girls have Indian-club drill every morning to supplement the practice at the gymnasium, under a properly-trained drill-instructor. The following honours have been gained by pupils during the past year: Two Junior University Scholarships by B. E. Gibson and M. Lorimer. A scholarship given by the Board of Education in Class E was gained by Janet Prosser, and one in Class C by Elizabeth Stevenson. Three pupils who received instruction during the past year have matriculated, and are now students at Canterbury College.

MUSEUM.

During this year notable additions and improvements have been made in the various departments of the Museum. The Interprovincial Exhibition held in Christchurch during last December and January has offered a welcome opportunity to complete or enrich the New Zealand exhibits in the Museum, principally as far as ores, valuable minerals, and timber are concerned. Numerous donations have also been received from persons living in New Zealand or in foreign countries, of which the lists attached to the Director's report give a full enumeration. Some valuable collections and specimens were received in exchange, and others forwarded from the Museum in return. The Director, with the very limited assistance at his command, has continued to make improvements in the arrangement of the collections, to give fuller information on additional tickets, and to prepare new ones. The art gallery has also received some notable additions, and I wish here to mention gratefully that Mr. George Gould, to whom the public collections have been indebted for so many valuable gifts in years past, has again this year contributed several good pictures to the art gallery. In my annual statement of last year I mentioned that 84,231 persons had visited the Museum. During this year the number has reached 90,514, or 6,283 persons more than the previous year, of whom 31,705 persons visited the Museum on Sundays and 58,809 persons on weekdays. It is to be regretted that the funds at the disposal of the Board will not allow of a larger annual grant being made for the support of this most popular and useful institution.

SCHOOL OF ART.

The school is now well established, and has acquired a reputation for doing good work. Specimens of the students' work were forwarded to the annual exhibition of the Auckland Society of Arts, held in April last, and were highly commended, and a prize was awarded. A similar collection was sent to the Fine Arts Association, Wellington, in July, and obtained a prize and two certificates of merit. Additional fittings are required in the school buildings. Owing, however, to the limited funds allocated by the Board, only the most urgent necessities have been supplied. It is to be hoped that the Board will see its way next year to increase the annual grant. The average number of students who attended morning classes last year was fifty-one, and at evening classes fifty-five; the number of morning students this term is at present thirty-nine. In the evening, there are fifty-one already on the roll, but the maximum number is not reached till the middle of the term. The highest number of students on the rolls for the past year was 482, thus showing a decrease as compared with the attendance of the preceding year. This decrease is owing to the pupils of the Girls' High School having ceased to attend the School of Art, in consequence of instruction being given in their own schoolrooms by a teacher specially engaged for that purpose.

PUBLIC LIBRARY.

This institution receives annually a grant from the endowment for the maintenance of "the School of Technical Science and other educational purposes contemplated by the ordinance of 1870." The Museum, School of Art, and technical teaching at the College also receive annual grants from this endowment. The remarks I have made in this statement respecting the insufficiency of the grants for maintaining the Museum and School of Art in a state of progressive efficiency apply also to the Public Library. In last year's statement means were suggested by which the proceeds from the endowment might be considerably augmented. A clause was inserted in the Land Bill in its passage through the House of Representatives last year which, if passed into law, would have enabled the Board to increase the revenue from the endowment. The Bill, however, was thrown out in the Legislative Council. The hoped-for relief has therefore been postponed; but I trust to legislation during the ensuing session of Parliament in the direction pointed out last year.

During the past year the Board had to do the best it could with insufficient funds. As there was a very considerable annual expenditure necessary for the support of the reading-room and reference library, which, by the deed of conveyance from the Governor, should be maintained in a state of efficiency, it was deemed advisable that the circulating department should be made self-supporting, and that therefore the annual subscription to the circulating library should be increased from 15s. to £1, that portion of the library being more local than provincial. Alterations respecting the hours during which the library and reading-room should be kept open, and reductions in the number of the staff, were agreed to. These changes would have effected a considerable saving in expenditure, but subsequently it was considered better to allow these alterations to remain in abeyance until after a further attempt was made by legislation to gain increased revenue from the endowment. During the year negotiations were entered into with the City Council, with the hope that the Council and the Board could come to an agreement (to be ratified by an Act of Parliament) by which the library would be under the control of the Council; but the negotiations did not produce any satisfactory results.

Notwithstanding the paucity of funds, considerable additions have been made to the number of books. There have been added to the reference library eighty-four volumes, and to the circulating library 377 volumes. The reference library now contains 6,711 volumes, and is, I believe, the best in the colony, with the exception of the library of the General Assembly at Wellington. The circulating library contains 8,889 volumes. A number of these will shortly require replacing, in consequence of having been so long in use. It is of great importance to have a constant supply of new books, but unfortunately the state of the funds will not warrant the Board to order the number of books desired. Nevertheless, a moderate supply has been ordered every month, and considerable additions have been made to this department during the past year. The number of subscribers is only four hundred, and, as the Board has a decided opinion that the circulating library should be supported by those who take out the books, the supply of new books will, in a great measure, depend on the amount received from subscribers. The number of colonial newspapers in the reading-room is 49, of English papers 6, American 1, periodicals 20. The reading-room and reference library are open to the public free of charge.

SCHOOL OF AGRICULTURE.

Fifty-one students have attended during the past year, and thirty-six students were present last term. Of these, seven came from Auckland, eleven from Canterbury, five from Hawke's Bay, four from Nelson, six from Otago, one from Tasmania, one from Victoria, and one from Wellington: total, thirty-six. At the examination in December last, students Bing, Ellis, G. W. Tiffen, Whitcombe, and White passed the final examination and received diplomas. Certificates of honour were given to students Ellis, Gray, Orbell, G. W. Tiffen, and Whitcombe, who obtained the first place in each subject at the annual examination. The Board, on the recommendation of the Director, decided that instead of three terms, as formerly, there should be only two, the first term to commence January 10 and end June 23, the second term to commence July 23 and end December 7. Several changes in the staff have taken place during the year: Mr. E. M. Clarke resigned owing to his leaving for England, and Mr. T. Bingham was appointed as lecturer on mathematics; Dr. von Lendenfeld left New Zealand, and arrangements were made with Mr. Kirk, F.L.S., to give lectures on botany and zoology. The Director, finding that several of the students were backward in English, recommended that an English lecturer should be added to the staff, and the Board therefore appointed Mr. E. C. Buckley, who also teaches physical geography, and is book-keeper for the institution. The farm was visited at different seasons of the year by the special examiners, Messrs. J. W. Overton and J. Rennie. The following are extracts from their reports: "Our attention was first of all directed to ploughing, drilling, and harrowing. We found the students thoroughly up to their work, and were much surprised at the practical knowledge they possessed. At shearing the students handled the sheep remarkably well. We consider the work in this branch beyond all praise." Speaking of harvesting—"The first branch that came under our notice was reaping. Some of the students managed the reaper-and-binder well. We next turned our attention to carting and stacking, and were well satisfied. Lastly, threshing came under our notice, which, with the exception of engine-driving, was done entirely by students. We highly approve of the entire management of the dairy. We also visited the workshops, and the students seemed to handle the tools in a workmanlike manner. We feel we cannot close our report without congratulating the Board on having a man of Mr. Ivey's attainments at the head of the establishment." Reports are furnished by the Director at the end of each term, and are published in the *Town and Country Journal*. The yield of grain last harvest was 7,500 bushels, at an average of 35½ bushels per acre. The total area of the farm for cropping and grazing is about 614 acres. There are therefore in grass, hay, and turnips about 400 acres. The stock on the farm averages 1,200 sheep, 85 head of cattle, 15 horses, 75 pigs. About six tons of cheese have been made during the year, the greater part of which is still on hand. The cheese made last year was sold at prices averaging 7½d. per lb. I think the results of the past year must be considered satisfactory.

ANNUAL REPORT of the ART MASTER.

School of Art, Canterbury College, 14th June, 1884.

I HAVE the honour to submit the following statement of work done during the past year:—

Number of students this term: Morning, 39; evening, 51 (maximum number not reached till the middle of the term). The students who have already joined the evening classes this term are classified as follows: Architecture and building construction, 11; machine construction and drawing, 9; lithographic drawing, 1; drawing from living model, 9; the remainder general art work. Number of boys from the High School, last term, 48; students from Normal School, last term, 37; teachers of district schools (Saturday), last term, 90.

Specimens of the students' work were sent to the annual exhibition of the Auckland Society of Arts: they did not arrive, however, till after the awards had been made. The following extract from the Secretary's letter may be quoted: "The shaded studies from the round and the water-colour studies were the subjects of great praise; and the judges in the latter section, considering the excellence of the exhibits, awarded the first class prize and certificate to Miss M. Stoddart." Of the Canterbury School of Art exhibits the *Auckland Herald* says: "There is not a drawing in the whole collection that descends to the level of mediocrity. Our School of Art is literally as well as metaphorically thrown into the shade by this fine collection of drawings, which we commend to the earnest attention of teachers and students. The collection from Wellington, like Auckland, must yield the palm to Canterbury, in respect of the work of the local School of Art." A similar collection was sent to the Fine Arts Association, Wellington, where three awards were made to our works.

At the end of 1883, instead of our usual exhibition taking place in the School of Art, a selection of drawings (325 in number, the work of ninety-seven students during the past year) was sent to the New Zealand Industrial Exhibition held in Christchurch.

To show that the School of Art is already making itself felt in art work, I may mention that in the list of working members of the Canterbury Society of Arts twenty-four out of a total of forty-seven members have been or are connected with the School of Art: several of these owe their art training wholly to our influence.

Since my last annual statement, a class for drawing from the draped living model in connection with both the morning and evening classes has been commenced, in which good work is being done. The arrangements are however unsatisfactory. This, with several other questions in connection with the future successful working of the school, I have indicated in my memorandum of the 12th September, 1883, and would again bring under your notice.

I have, &c.,

DAVID BLAIR, Art Master.

The Chairman, Board of Governors, Canterbury College.

ANNUAL REPORT of the DIRECTOR of the CANTERBURY MUSEUM.

SIR,—

Canterbury Museum, Christchurch, 4th July, 1884.

I have the honour to submit to you, in accordance with your instructions, my fourteenth annual report on the progress and present state of the Canterbury Museum during the financial year 1883-84.

Throughout the past financial year the Museum has been opened to the public every weekday except Monday, from 10 a.m. to 5 p.m., from the 1st September to the 30th April, and on Sundays from 2 p.m. to 5 p.m.; from the 1st of May to the 31st August, from 10 a.m. to 4 p.m. on every weekday except Monday, and on Sundays from 2 p.m. to 4.30 p.m. On Mondays the Museum is not open till noon. Except the first week in the months of August, December, and April, when it is closed for cleaning purposes, the Museum, according to a former resolution of the Board of Governors, has been closed only on Good Friday and Easter and Christmas Days. It will be seen from the annexed statement (Appendix A) that the attendance of visitors to the Museum during the present financial year has been considerably larger than during the previous year, the total number being 90,514 (in the previous year 84,231). The weekday visitors numbered 58,809, and those on Sundays 31,705, giving an average for weekdays of 200, and for Sundays of 654 visitors. No complaints of any kind have reached me as to any disorderly conduct of the visitors, notwithstanding the large crowds that generally come to the Museum on Sunday afternoons. Though the staff is inadequate to the size of the Museum, proper order has been kept, to which the presence of a constable, kindly sent to the Museum on Sunday afternoons by the Inspector of Police, has doubtless greatly contributed.

In my last year's annual report I divided the contents into various sections, and, with your permission, I will continue to do so this year.

Natural History Museum.—Considerable additions have been made to the collection during the past year by presentations and exchanges. The Acclimatization Society in Christchurch (through their honorary secretary, Mr. S. C. Farr); Dr. W. L. Buller, F.R.S., C.M.G.; Professor F. W. Hutton, F.G.S.; and Mr. T. H. Potts, F.L.S., amongst others have continued to enrich the Museum with valuable specimens whenever an opportunity occurred. Dr. von Lendenfeld presented a large collection of Australian sponges, named. Captain Fairchild, of the steamer "Hinemoa," Mr. M. Studholme, of Waimate, and Messrs. George and Leo von Haast, besides many others, made many valuable presentations. A collection of glass models of invertebrate animals, ordered from Mr. Leopold Blaschka, in Dresden, distinguished by their lifelike appearance and truthful resemblance to nature, were also added to the public collection.

Work done.—In the large case on the western part of the mammal room a series of seals, both foreign and of New Zealand and its dependencies, have been placed; a group of pigs was also put together, and is exhibited in the same room. A camel, giraffe, and Japanese deer were also mounted, and form conspicuous objects in that room, which, in order to show the specimens to more advantage, has been rearranged during this year. In the foreign birds gallery, five groups of birds, and a number of birds on separate stands, have been added. The skeleton room, to give more space, has also been partly rearranged, and the following skeletons have been added to its contents, namely, those of the Platypus, Australian ant-eater, and Tasmanian tiger, as well as that of a Platanista. Also, a series of skeletons of birds, mostly of New Zealand, have been articulated. The skeleton of a ziphoid whale, obtained by the taxidermist during last winter on the sea-beach near Leithfield, is in a forward state of preparation, and will form a valuable exchange. A collection of sponges, both foreign and of New Zealand, has been placed in the show-cases lately added in the mineralogical gallery.

Palæontology.—The Director has continued to select from the foreign and New Zealand fossils, stratigraphically arranged, a large series for a collection zoologically arranged, as the want of such a collection both for the public and the students was seriously felt. In order to facilitate for the students an insight into the stratigraphical occurrence of the specimens exhibited, tickets with varied-coloured borders have been selected, so that at a glance their age can be ascertained. For Palæozoic fossils black has been selected, for Mesozoic blue, and for Kainozoic red. Dr. Buller has presented the skull of a parrot from a cave near Timaru; and Dr. A. Krantz, of Bonn, and Professor Klipstein, of Giessen, have sent a series of fossils, of which a number were hitherto unrepresented in our collection. From Dr. Krantz a large series is shortly expected to fill up some important gaps in our zoological series.

Ethnological and Antiquity Museum.—Nothing of importance has arrived during this year from foreign countries. Some Maori objects were bought during the year, amongst which the carved stern-post of a canoe, and two balers with ancient shell and stone carvings, are the most interesting. Mr. George Gould has bought and presented a panoramic picture in oil painted by S. C. Farr in 1853, showing the state of Banks Peninsula in the first years of the Canterbury settlement. Coins

have been presented by Mrs. Mason Jackson, of Kensington, London, W. (through Mr. E. W. Tippetts), and by Messrs. W. P. Reeves and E. W. Tippetts.

Technological Museum.—A series of timbering models of English and North American mines has been obtained by purchase through the Registrar of the School of Mines in London. The Australian Electric Light and Power Company in Melbourne has presented a series of specimens illustrating electric lighting; and Mr. W. Graham, sen., of Lyttelton, has enriched the collection with sets of specimens illustrating the process of turning. The New Zealand Manure and Chemical Company (Limited), Tauranga; the Terawera Sawmill Company, Little River; and the Hokianga Sawmill Company, which exhibited at the Interprovincial Exhibition held at Christchurch in December and January last, were the principal donors from that exhibition, and gave valuable specimens of manure and timber. The Kaiapoi Woollen Manufacturing Company has presented a case with samples of the various processes in woollen manufacture. Mr. John Lewthwaite, in Halifax, Yorkshire, has sent specimens of his Regio steel, made of iron improved by means of titanic steel sands of New Plymouth. Mrs. Cowlshaw, Mr. R. W. Mitchell, and Mr. E. S. Elliott have presented valuable specimens of pottery. Mr. George Gould has placed £50 at the disposal of the Director for the purchase of working models illustrating electric power, which have been ordered from S. G. Lochmann, in Geitz, whose models formerly received have given entire satisfaction.

School of Mines.—Owing to the large additions to the mineralogical and metallurgical collections a new show-case had to be added for their accommodation, and some of the other cases had to be rearranged. Specimens from various localities in this provincial district, where an active research for valuable ores and minerals has been prosecuted, have also been presented to the Museum; and a large series of foreign ores and minerals have been received from Professor Klipstein, of Giessen, and Dr. A. Krantz, in Bonn. Mr. S. Robertson, of the Chatham Islands, has presented a large series of rocks, minerals, and fossils from those islands. Mr. Edmund Wickes has continued to offer series of specimens of ores and minerals from New Zealand; while Mr. James Barnard, of Launceston, sent an extensive collection of ores and minerals from all the principal mines of Tasmania. Mr. T. Ranfft, Herberton, North Queensland, presented, through Professor George Ulrich, Director of the School of Mines in Dunedin, a very fine series of the ores, minerals, and rocks of that important mining district. To the directors of the Champion Copper-Mining Company (Limited), Nelson, and to Mr. A. D. Bayfield, of the same city, we are greatly indebted for a magnificent series of copper ores and some other minerals from the highly promising copper mines of Aniseed Valley, in Nelson. The Director has continued to assist mining managers, miners, and prospectors as far as it lay in his power, though he was prevented by his other duties from visiting the grounds, as was so often urged upon him.

Art Gallery.—A few engravings have been framed during this year, and hung. A number of ladies and gentlemen connected with the Canterbury College Trust commissioned Mr. A. Beere, an English sculptor temporarily living in Christchurch, to model in terra cotta a bust of the Chairman, Mr. William Montgomery, which was afterwards presented to the Museum with the request that it should be placed in the art gallery. A bust of white marble of Giuseppe Garibaldi, executed by Gian Vincenzo in Rome, was also presented by a number of Italian and other admirers. To Mr. Lancelot Walker we owe four engravings by Folo and Loughi, framed; Mr. George Gould, with his usual liberality, has presented two oil-paintings by J. Gibb and R. Beetham, and two water-colour paintings by Thomas Cane, bought at the annual exhibition of our local Society of Art. I may also mention that that society has deposited another picture with those previously sent, so that we now possess four pictures belonging to that society, one painting in oil by Gibb, and three watercolours by Gully, Richmond, and Hodgkins.

Library.—A number of valuable works, mostly presentations, have been added to the Museum library, of which the publications of the Museum of Comparative Zoology of Harvard College, Cambridge, Mass., of the British Museum, London, of the Musée Royal d'Histoire Naturelle de Belgique at Brussels, of the Colonial Museum in Wellington, and of the British Association for the Advancement of Science in London, are the most important. A small number of works have been added by purchase, amongst them being the continuation of Bronn's "Classen und Ordnungen des Naturreichs" and Brehm's "Thierleben," twelve volumes. The whole addition amounts to fourteen works, twenty-three parts of works, and forty-seven official publications.

Conclusion.—I wish here to present my thanks to Mr. D. Craig, agent of the New Zealand Insurance Company, for the gift of a portable hand fire-engine, and to the directors of the New Zealand Shipping Company for carrying our exchanges free of charge. I wish also to mention that, notwithstanding the small staff, a large number of new tickets have been written, generally of larger size and consequently more legible than the former. A beginning has also been made in the preparation of large tickets in metal, in which the necessary information is given in white oil-paint on black ground. The statuary room, in which some of the plaster has fallen off, has been repaired and distempered; the glass-windows on the roofs have also been carefully attended to, so that the rooms are now comparatively safe from the rainwater; and the doors and window-frames on the exterior of the building have been painted.

I have, &c.,

The Chairman, Board of Governors, Canterbury College.

JULIUS VON HAAST, Director.

APPENDIX A.

STATEMENT of the NUMBERS of VISITORS during the Financial Year 1883-84.

MONTHLY attendance: July, 5,887; August, 5,388; September, 7,928; October, 6,508; November, 9,808; December, 8,217; January, 10,112; February, 6,594; March, 7,500; April, 7,999; May, 8,730; June, 5,843; total, 90,514. Mean of monthly attendance, 7,543. Attendance on weekdays, 58,809; on Sundays, 31,705. Mean of weeks, 1,847; of Sundays, 654; of weekdays, 200. Lowest weekday, July 30th, 30 (very wet); highest, November 3rd, 615. Lowest Sunday, February 24th, 240; highest, January 6th, 1,076. Highest weekly attendance, November (show-

