

NEW SOUTH WALES



Railways -----

SYDNEY : THOMAS RICHARDS, GOVERNMENT PRINTER.

1880.

[1s]

CATALOGUE OF EXHIBITS

IN THE

NEW SOUTH WALES COURT

AT THE

Melbourne International Exhibition,

1880.

WITH PRELIMINARY REMARKS.



SYDNEY: THOMAS RICHARDS, GOVERNMENT PRINTER.

1880.

THE NATIONAL ARCHIVES
COLLECTION OF DOCUMENTS

RECORDS OF THE

1862

WAR DEPARTMENT

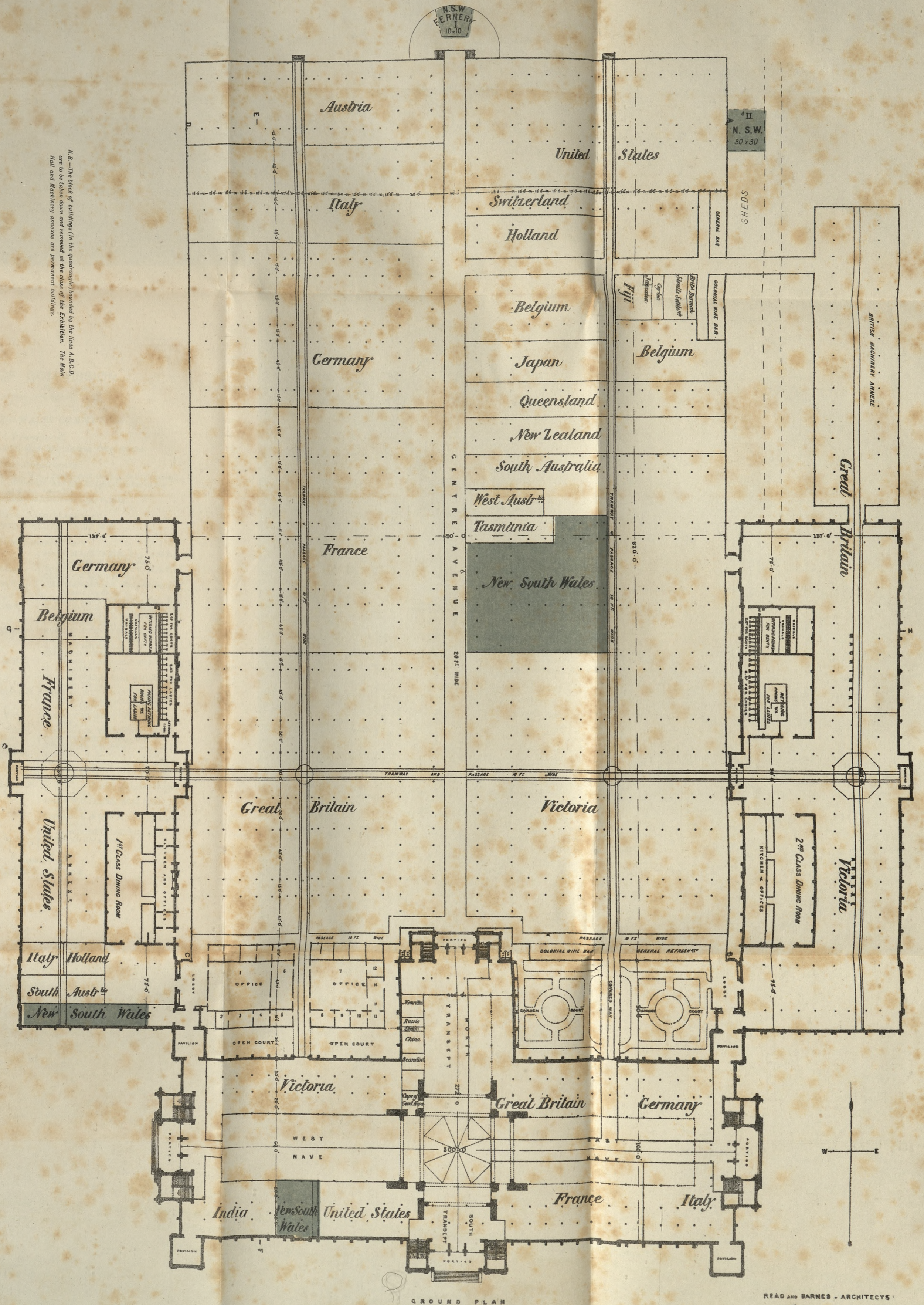
GENERAL INVESTIGATION



24586

THE MELBOURNE INTERNATIONAL EXHIBITION, 1880.

ALLOTMENT OF SPACE.



- Arrangement of the Exhibits in the various divisions allotted to New South Wales—
- I. The Fernery, containing the Ferns collected for the Commission by Mr. Charles Moore, Director of the Botanic Gardens, Sydney.
 - II. Machinery. IIa. Small annex for additional Machinery.
 - III. Wine Cellar in the basement, with bar for sale of New South Wales Wines.
 - IV. Fine Art Court, containing—Paintings, Photographs, Plate and Jewellery, Exhibits of the Government Printer, Electric Telegraph Apparatus, Drawing-room Furniture, Stained-glass Window.
 - V. General Court, containing Minerals, with Trophies of precious Metals, Mineral Oil, &c., Wine Trophy, Maize Trophy, Educational Exhibits, and Products and Manufactures in general.

N.B.—The block of buildings (in the quadrangle) bounded by the lines A, B, C, D, one to be taken down and removed at the close of the Exhibition. The Main Hall and Machinery annexes are permanent buildings.

John Collins & Co
1880
23/7/1880



LIST OF COMMISSION.

NEW SOUTH WALES COMMISSION.

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Vice-Presidents:

HONORABLE SIR JOHN HAY, K.C.M.G., President of the Legislative Council.

HONORABLE SIR GEORGE WIGRAM ALLEN, Knight, Speaker of the
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ARTHUR RENWICK, Esq., M.D., M.P.

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Secretary:

CHARLES E. HOTHAM.

PRELIMINARY REMARKS.

It is a matter of interest in the history of the world at large, no less than in that of the Australasian Colonies, that in the year 1770 Captain Cook landed in the neighbourhood of what has since become the City of Sydney; and the statue which adorns Hyde Park, and looks over the beautiful region which he was the first to discover, bears witness to the gratitude of the country to the intrepid navigator who opened to mankind so fair a portion of the world. Less than 100 years ago Captain Phillip reached the shores of Port Jackson, with an expedition numbering 1,000 souls; and from this beginning sprang not only the Mother Colony of New South Wales, but also the other Colonies, which are fast peopling the great Southern Continent. Until thirty years ago the history of Australia was contained in that of New South Wales, for from Sydney went forth the pioneers who first opened up and populated the continent, penetrating further and further away from the mother city, until the distance that separated those settlers from her became so great that the Home Government found it advisable to concede to them the right of self-government. Victoria first separated in 1851, and Queensland followed eight years after. Meanwhile the population and importance of New South Wales had increased so far that, in 1855, it was considered that the colonists were fully capable of managing their own affairs, and in 1856 the system of responsible government was established under which we are now living. By this timely concession the just discontent of the colonists was allayed, and their loyalty to the English Crown—no less sincere than that of any portion of Her Majesty's dominions—was preserved unimpaired. The sad lesson of the previous century had taught those at the head of affairs in England to conciliate by justice and moderation a people whom the arrogance and oppression of former times would have alienated beyond recovery. If the statesmen who guided Australia through this perilous crisis found no opening for the career of a Washington, we may at least be thankful that the annals of the Colony are free from the horrors of a war of independence.

The franchise is based on manhood suffrage, and a measure has lately been passed which will tend still further to popularize the already popular Government. By the Electoral Bill which was passed in the last session of Parliament the number of Members in the Legislative Assembly will be increased from 73 to 108.

It is probable that the Census, which will be taken in this as well as in all the other Australian Colonies in the course of the ensuing year, will show the population to number about 800,000 souls.

Upon the beauties of the Harbour and surroundings of the city of Sydney it is unnecessary to enlarge, so widely are they known and so generally recognized ; but as to the aspect of the city itself, having begun to grow before the modern improvements in the method of laying out cities had been introduced, it lacks the wide streets and even regularity of more modern towns.

With regard to buildings, public and private, we need only point to the collection of photographs of objects of interest in and around Sydney exhibited by the Commission.

If facilities of communication may be taken as a fair test of progressive tendencies, New South Wales cannot be considered backward in proportion to the size of her territory. There are, at the present time, 790½ miles of Railway open.

The extension of the Southern line, opened on the 1st of September, has brought Sydney 50 miles nearer to Melbourne, and it is anticipated that by the close of the year this important line will be extended to Albury, that is, within about 3 miles of the terminus of the Victorian Railways. When this extension is complete, the journey between the capitals of New South Wales and Victoria will only occupy about 26 hours. At the same time lines are being rapidly pushed on which will open up the great districts lying to the north and west. At the present time the Railway has been opened for traffic 228½ miles to the north, and 251 miles to the west, while 340 miles on the west and 257 on the north are in preparation or projected. A model of the Lithgow Valley Railway, generally known as the Zigzag, which will be found among the New South Wales exhibits, illustrates one of the most interesting feats of modern engineering, while various other exhibits will indicate the apparatus in use on the Government Railways.

In the adaptation of Steam Tramways to street traffic, New South Wales may claim to have taken the lead of the other Colonies. A tramway line which was constructed from the Redfern Railway Station to the centre of the city, in order to afford easy access to the Sydney International Exhibition, proved so successful an experiment that it was determined by the Government to construct a system of tramways, similar to that adopted with such success in the capital of Belgium, which would connect the principal suburbs with the centre of the city. The work has already been commenced, and it is estimated that when it is completed the facilities for traffic will compare favourably with those possessed by any European city. Among the exhibits will be found specimens of the rails in use, and of a new method of working the points, as well as some cars made in the Colony from colonial materials.

While treating of means of communication in the metropolis, we may direct attention to the model of the proposed high-level girder bridge, to connect Sydney with the North Shore, exhibited by Mr. Parrot. The advantage to be derived from the successful completion of this difficult undertaking, in the shape of additional facilities for traffic and the promotion of business, could hardly fail to justify the large outlay necessary.

Communication with the country districts is effectively maintained also by a complete Postal and Telegraphic system, which has of late been largely extended, and which will be further improved as the work of Railway extension proceeds. There are 12,426 miles of Telegraph wire open in the whole Colony, and Post Offices are established wherever the circumstances of the people require it.

In passing to the subject of Mercantile Marine, we come to treat of one of the greatest resources and most important industries of the Colony. Being provided with one of the finest harbours in the world, and situated close to the great coal-fields of Australia, Port Jackson is naturally fitted to become the centre of the shipping trade in the South Seas. Natural facilities for the formation of docks and wharves have been to some extent taken advantage of, and the Fitzroy Dock and Mort's Dock are capable of receiving vessels of the largest size. Sydney is now the terminus of four great lines of steamers,—the Peninsular and Oriental, and the Orient Steam Navigation Company (whose

vessels arrive fortnightly), of the Pacific Steam Navigation Company, and the Torres Straits Mail Steamships. The new steamers employed by the Orient Company are among the finest afloat, and the "Orient," which made her first visit in the beginning of the present year, ranks in point of size and power with the largest vessels of mercantile marine. The Peninsular and Oriental Company are also now sending their finest vessels to Sydney. The fact that four such lines as these find sufficient inducement to supply such a service demonstrates sufficiently the importance of the Australian trade. Besides these four great Companies there are seventeen principal local Companies, with vessels which, for intercolonial trade, may be ranked with the lines just referred to. The total amount of tonnage of ships visiting the harbour in 1879 was 1,268,377. The ship-building industry is increasing rapidly.—49 vessels, amounting to 3,442 tons, having been built in 1878; and as a proof of what has already been done, we may point to the models exhibited in the New South Wales Court by Mort's Dock and Engineering Company, as well as to the shaft of the s.s. "Maitland," the latter being of special interest.

It is impossible, in so brief a space, to convey an adequate impression of the natural resources of the Colony. Although population has increased with great rapidity, many years must elapse before the vast tracts of country lying at a distance from the coast are anything but sparsely populated; and thus by far the larger proportion of the country is still in the pastoral stage, and the greatest source of wealth lies in the production of Wool. Moreover, the country seems to be by nature specially adapted for this industry. The increase in the number of sheep, in spite of a late severe drought, has been rapid; and the returns for the year ending March 31, 1880, show an increase of 6,923,661 on the returns of the previous year—the total number of sheep in the return for 1880 being 29,043,392. The yield of wool comprises almost every variety in use, and is of uniformly good quality. In fact, in this respect New South Wales has for many years held the first place in the world; and it is believed that, in the forthcoming Wool Show, she will not fall short of her reputation.

According to the returns quoted above, there were, in March, 1880, 37,557 stockholders, owning 360,038 horses and 2,914,210 horned cattle.

Another enterprise has lately been formed which should greatly benefit those engaged in pastoral pursuits. The success of the "Strathleven" experiment in conveying frozen meat to England, and the favourable reception afforded to Australian meat in the London market, in part justifies the hope that, before long, in the exportation of meat from Australia to England, may be found another source of wealth to the Colony.

But the natural course of progress in the history of a young country is from the pastoral to the agricultural stage, and the great problem which the statesmen of the Colony have for years been endeavouring to solve is the settlement and population of the country by its division into smaller agricultural holdings. It has been frequently pointed out, but cannot be too strongly insisted upon, that the first essential of prosperity in a young country, with a large territory at its disposal, is to bring that territory under cultivation. When that is done, industries of a spontaneous and healthy growth—and not nursed into unnatural prominence—will spring up to supply the wants of the country population. To attain this end, it is most desirable to secure the immigration of a class of men whose knowledge and experience would fit them to take advantage of the varieties of the climate and the richness of the soil, by becoming prosperous farmers, agriculturists, and wine-growers. As a further inducement, beyond these natural advantages, land is procurable upon easy terms. At present the agrarian system is founded on the principle of "free selection before survey"; but, for further information on this subject, we refer our readers to the Land Laws of New South Wales.

The area of land under cultivation is now steadily increasing. In March, 1880, there were 39,918 holders of land, exclusive of pastoral tenants, holding 22,721,603 $\frac{1}{4}$ acres, of which 635,641 acres were under cultivation—17,578,389 acres being enclosed, though not under cultivation—showing an increase over the return of the previous year. Maize is grown most successfully in the Hawkesbury District, both the yield and the quality of the grain being highly creditable; this may be tested by a reference to the exhibit made by the district. The wheat grown in the Western Districts of Bathurst and Orange, in the South-west about Goulburn and Yass, and in the North in the neighbourhood of Tamworth, is of fine quality.

By the great variety of vegetable products, the size of the Colony and its many different climates are perhaps best illustrated. The yield includes semi-tropical fruits and the fruits of the colder latitudes in profusion. The County Cumberland seems specially favourable to the growth of the Citrus tribe, the many varieties of which will be displayed at the forthcoming Fruit Show as a special exhibit. The production of sugar in the Northern District of the Clarence has already assumed great importance; and the business carried on by the Colonial Sugar-refining Company, which has its works on the Clarence River, is very large. The quality of their produce may be tested by reference to their exhibit. The fertility of the Clarence River District, and the industry and energy of its inhabitants, is further illustrated by a collective exhibit characteristic of the district. Tobacco is grown here in considerable quantities; but the districts which produce most tobacco in the Colony are those on the Hunter River. It is much to be regretted that, owing to circumstances connected with the differences of tariff in the two Colonies, this industry,—although its growing importance is demonstrated by the extensive scale upon which the works of the tobacco factories in Sydney are carried on,—is, on the present occasion, almost unrepresented. The Southern Districts, from Illawarra to the frontier, are best adapted for dairy farming; and the district of Bega, which makes an effective representative exhibit, is specially famous in this respect. The wine-producing capabilities of Australia are fast attracting the attention of the world; and at the Paris Exhibition the wines of New South Wales received the consideration which they merit. Since that time they have fast been growing in favour; and it is to be hoped that the excellent arrangements made by the Commissioners for the Melbourne International Exhibition, in order to subject wines sent to the Exhibition to the judgment of the general public, may be effectual in dissipating the remains of the unreasoning prejudice which at one time prevailed against the wines of Australia.

Statistics taken a few years back showed that the number of acres in New South Wales under cultivation for the growth of the vine was 4,237, yielding 684,733 gallons. Of late years the wine-growing industry has progressed with great rapidity. A representative exhibit has been forwarded, which is not however sufficient to indicate the great importance of this rising industry

—which the natural advantages of favourable soil and climate must necessarily render, in course of time, one of the most prominent in the Colony.

The subject of Fish Culture has of late attracted considerable attention, and a Royal Commission has recently been engaged in inquiring into the matter. Everything seems to point to the fact that an abundance of fish might be supplied to the capital; and it may be hoped that a new Company which has lately been organized will be successful in satisfying a want which has long been felt. The establishment of an Aquarium, for which the Garden Palace affords ample room, would stimulate public interest in the matter of Fish Culture. A collection of food fishes from the waters of Port Jackson and the neighbourhood, exhibited by Mr. Ramsay, Curator of the Australian Museum, should possess a considerable interest.

In company with the last-named collection will be found another, of the Birds indigenous to the Colony, made by the same gentleman. A handsome private collection, comprising 150 specimens of birds, exhibited by Mr. J. S. Bray, is also worthy of special mention.

Perhaps the most interesting exhibit in the New South Wales Court will be found in the display of Minerals. Collected and arranged by able and experienced officers, acting under the direction of the Minister for Mines, they will convey a correct impression of the vast mineral resources of the country in almost all the metals; and will, above all, attract attention to the unequalled richness of the Coal-fields of New South Wales.

The extensive and complete collections from the Department of Mines include specimens from all the principal Metalliferous Districts and Coal-fields in the Colony. They have been arranged in series, as follow:—Auriferous Rocks, reef quartz and alluvial; Silver Ores; Copper Ores; Tin Ores, stream and lode; Iron Ores; Coal and Kerosene Oil Shale; Antimony Ores; Lead, Bismuth, and Mercury Ores; together with samples of Colonial Marbles, polished and rough; Asbestos, and various minerals; and specimens of Sedimentary and Igneous Rocks. In addition to these there is a large collection of the characteristic fossils illustrative of the principal Sedimentary Formations of New South Wales. The fossils have been selected chiefly from the collections of the late Rev. W. B. Clarke, and as many of them have been figured and described in

palæontological publications now exhibited, they are of special scientific value. They have been arranged according to the several geological formations, viz.: *Upper Silurian, Devonian, Carboniferous, Permian, Triassic, Jurassic, Miocene, Pliocene, Post Pliocene, and Recent.* On the wall space, near the specimens, are the various geological and other maps published by the Department; and amongst them is exhibited, for the first time, the Geological Map of New South Wales, constructed principally from the original map of the late Rev. W. B. Clarke.

The above-mentioned collections, of which a detailed list will be found in the accompanying catalogue, have been classified and arranged by Mr. C. S. Wilkinson, F.G.S., Government Geologist, Mr. John Mackenzie, F.G.S., Government Examiner of Coal-fields, assisted by other officers of the Department of Mines. It may be interesting to mention that the value of the Minerals from the Colony of New South Wales, to the end of 1879, was as follows:—

Gold	£33,335,800
Coal	11,036,722
Kerosene Oil Shale	495,574
Tin	3,144,237
Copper	2,494,437
Silver	143,501
Iron	54,151
Antimony	10,178
Lead	2,510
Other Minerals	9,332
Total	£50,726,442

Besides Trophies of Ingots of Copper, Tin, and Antimony, and Obelisks representing in bulk the quantity of gold and silver raised in this Colony, the Department of Mines exhibits a splendid collection of polished samples of indigenous Woods, collected and arranged by Mr. C. Moore, F.L.S., Director of the Sydney Botanic Gardens.

Amongst the Mineral Exhibits from private sources are some of great importance. Several of the Coal-mining Companies have sent very fine sections of Coal, showing the actual thickness of the seams now worked on our Coal-fields. Mr. Herrenschmidt, and also Messrs. Cook Brothers, exhibit samples of Star Antimony and Antimony Ores from the Mines near Kempsey. The Great Cobar

Copper-mining Company, Copper Ores ; Mr. Alexander Stuart, M.P., Lode Tin and Bismuth, from New England ; The Eskbank Iron Company, trophy of Bar and Pig Iron, with Iron Ores ; the New South Wales Shale and Oil Company, and the Australian Kerosene Oil and Mineral Company, trophies of Australian Boghead Mineral or Kerosene Oil Shale ; Mr. M. Isaacsohn, a fine collection of Gold Specimens, &c., from Nundle ; Mr. W. H. Suttor, Gold ; Mr. H. L. Beyers, M.P., Gold, from Hill End ; Messrs. J. Hurley, M.P., and J. Shepherd, M.P., auriferous and argentiferous Ores ; Australian Asbestos Company, Gundagai, Asbestos, &c. ; Professor Liversidge, a valuable collection of Gems ; Mr. H. Copeland, M.P., Quartz Crystals ; Mr. John Lucas, M.P., Stalactites, from Binda Caves ; Mr. Brown, Building-stones, from Maitland ; Mr. Gibbs, Flag-stones, from Wagga ; Messrs. Deer Brothers, Copper Ores, from Frogmore ; Mr. E. Rudder, Galena, &c., from Kempsey ; besides other interesting exhibits, which will be found described in the accompanying catalogue.

The Manufacturing Industries of the Colony are of the highest importance ; but, in view of the great disparity which exists between the fiscal policies of the two Colonies, it has been found impossible to procure a fitting representation of this department.

In a country in which Manufactures are not created as a desirable end in themselves, but are left to grow up naturally when and where the circumstances of the people require them, little regret need be felt at the absence of an imposing list of names, when compensated for by the solid, though less showy, advantages of what is held to be a sounder system. The natural growth of a tree may be slower than that of a hot-house plant, but the tree is deeply-rooted, healthy, and lasting.

In 1878 the total number of works and manufactures was 13,892, 11,033 of which were carried on in connection with agricultural pursuits. This may help to confirm what has already been stated, namely, that by taking advantage of the natural resources of the country and extending the area of land under cultivation, the interests of manufacturing industries will best be promoted.

We would point specially to the show of manufactures in Leather, made by Messrs. Alderson & Son and others, which in itself affords a proof of the importance of this industry and of the success of the labour which is brought to bear upon it.

The same difficulty in regard to the different commercial policies of the two Colonies has prevented any representation of the extensive manufactories of furniture, clothing, and other articles of this kind. It is to be regretted, also, that the numerous breweries and carriage manufactories are, for the same reason, almost unrepresented. Samples have fortunately been supplied of the good work done by the enterprising firms of Messrs. Hudson and Mr. Wearne.

With regard to the Intellectual progress of the Colony,—the question of National Education has of late years been the subject of considerable discussion and most important legislation. It will suffice, in this short *résumé*, to state that, by the Public Instruction Act passed during last session of Parliament, the Council of Education has been abolished, and the whole of the system of Primary Instruction has been placed under a Minister for Public Instruction. The Bill, which is mainly due to the foresight and ability of the Honorable Sir Henry Parke, K.C.M.G., Colonial Secretary, provides also for the establishment of High or Grammar Schools for both sexes, in all the principal centres of population throughout the Colony, as an intermediate stage between the Primary Schools and the University. The whole educational fabric is crowned by the University of Sydney, which was incorporated in 1851, and seven years afterwards was placed on the same footing as the Universities within the United Kingdom. A Chancellor, Vice-Chancellor, and elective Senate of sixteen members constitute the governing body; the studies are directed by seven professors and lecturers. The endowment amounts to an income of £5,000 per annum. A reference to the University Calendar will show that considerable sums have been given by private individuals for annual and other prizes, and a munificent bequest of £100,000 was a few months ago bestowed by the will of the late Mr. Challis.

The Technical or Working Men's College affords by its display of work substantial proof that the mechanics of Sydney are not behindhand in higher education. The exhibits of the Royal Society of New South Wales, and the valuable display made by the Government Printer, supply sufficient evidence of the diffusion of superior knowledge; while the public taste for learning is borne witness to by the fact that the present Public Library, though by no means a small building, has been found insufficient, and a

new Library on a larger scale is about to be commenced. In considering the part taken by the Colony in Art, the great difficulties which must necessarily beset a young country in this pursuit must receive full consideration, together with the irreparable loss of the advantage derived from the study of great masters. It is, however, undisputed that a decided tendency to improvement in artistic taste has of late prevailed, and the creditable efforts made by a new Art Society, in spite of its recent foundation, to be well represented, is an earnest of a desire to excel.

To those who have watched the progress of the Colony it must be apparent that, in the last three or four years, its prosperity has advanced with rapid strides. The seed sown with so much toil and labour in past time is now producing a harvest, the full richness of which we have yet to enjoy. In great natural resources, and almost boundless mineral wealth, lie the best securities of a great future; while some proof of the fact that the inhabitants of New South Wales are not unworthy of the bounties which Nature has bestowed on their country is to be found in the surprising quickness and energy which, in preparing the late Sydney International Exhibition in so short a time, accomplished a feat which might well have been considered impracticable. Although it might be somewhat exacting to demand a display equal to that in the New South Wales Court of the Garden Palace after so short an interval, it will at least be allowed that, in her contribution to the success of the Melbourne International Exhibition, New South Wales has not been forgetful of her own reputation, or of the lively interest which she must always feel in the wellbeing of the Sister Colony.

SYSTEM OF CLASSIFICATION.

Group I.—Works of Art.

- Class 1. Oil Paintings.
- „ 2. Various Paintings and Drawings.
- „ 3. Sculpture and Die-sinking.
- „ 4. Architectural Drawings and Models.
- „ 5. Engravings and Lithographs.

Group II.—Education and Instruction.—Apparatus and Processes of the Liberal Arts.

- Class 6. Education of Children. Primary Instruction. Instruction of Adults.
- „ 7. Organization and Appliances for Secondary Instruction.
- „ 8. Organization, Methods, and Appliances for Superior Instruction.
- „ 9. Printing and Books.
- „ 10. Stationery, Bookbinding, Painting, and Drawing Materials.
- „ 11. General Application of the Arts of Drawing and Modelling.
- „ 12. Photographic Proofs and Apparatus.
- „ 13. Musical Instruments.
- „ 14. Medicine, Hygiene, and Public Relief.
- „ 15. Mathematical and Philosophical Instruments.
- „ 16. Maps and Geographical and Cosmographical Apparatus.

Group III.—Furniture and Accessories.

- Class 17. Cheap and Fancy Furniture.
- „ 18. Upholsterers' and Decorators' Work.
- „ 19. Crystal, Glass, and Stained Glass.
- „ 20. Pottery.
- „ 21. Carpets, Tapestry, and other Stuffs for Furniture.
- „ 22. Paper-hangings.
- „ 23. Cutlery.
- „ 24. Goldsmiths' and Silversmiths' Work.
- „ 25. Bronzes, various Art Castings, and Repoussé Work.
- „ 26. Clocks and Watches.
- „ 27. Apparatus and Processes for Heating and Lighting.
- „ 28. Perfumery.
- „ 29. Leather-work, Fancy Articles, and Basket-work.

Group IV.—Textile Fabrics, Clothing, and Accessories.

- Class 30. Cotton Thread and Fabrics.
- „ 31. Thread and Fabrics of Flax, Hemp, &c.
- „ 32. Worsted Yarn and Fabrics.
- „ 33. Woollen Yarn and Fabrics.
- „ 34. Silk and Silk Fabrics.
- „ 35. Shawls.
- „ 36. Lace, Net, Embroidery, and Trimmings.
- „ 37. Hosiery and Underclothing, and Accessories of Clothing.
- „ 38. Clothing for both Sexes.
- „ 39. Jewellery and Precious Stones.
- „ 40. Portable Weapons, and Hunting and Shooting Equipments.
- „ 41. Travelling Apparatus and Camp Equipage.
- „ 42. Toys.

Group V.—Raw and Manufactured Products.

- Class 43. Products of the Cultivation of Forests and of the Trades appertaining thereto.
- „ 44. Products of Hunting, Shooting, Fishing, and Spontaneous Products, Machines, and Instruments connected therewith.
- „ 45. Agricultural Products not used for Food.
- „ 46. Chemical and Pharmaceutical Products.
- „ 47. Chemical Processes for Bleaching, Dyeing, Printing, and Dressing.
- „ 48. Leather and Skins.

Group VI.—Machinery, Apparatus, and Processes used in the Mechanical Industries.

- Class 49. Agricultural Implements and Processes used in the Cultivation of Fields and Forests.
- „ 50. Apparatus and Processes used in Agricultural Works, and in Works for the Preparation of Food.
- „ 51. Apparatus used in Chemistry, Pharmacy, and Tanning.
- „ 52. Machines and Apparatus in general.
- „ 53. Machine Tools.
- „ 54. Apparatus and Processes used in Spinning and Rope-making.
- „ 55. Apparatus and Processes used in Weaving.
- „ 56. Apparatus and Processes for Sewing and for making up Clothing.
- „ 57. Apparatus and Processes used in the Manufacture of Furniture and Objects for Dwellings.
- „ 58. Apparatus and Processes used in Paper-making, Dyeing, and Printing.
- „ 59. Machines, Instruments, and Processes used in various works.
- „ 60. Carriages and Wheelwrights' Work.
- „ 61. Harness and Saddlery.
- „ 62. Railway Apparatus.
- „ 63. Telegraphic Apparatus and Processes.
- „ 64. Apparatus and Processes of Civil Engineering, Public Works, and Architecture.
- „ 65. For Navigation and Life-saving.
- „ 66. Materials and Apparatus for Military purposes.

Group VII.—Alimentary Products.

- Class 67.—Cereals, Farinaceous Products, and Products derived from them.
- „ 68.—Bread and Pastry.
- „ 69.—Fatty Substances used as Food. Milk and Eggs.
- „ 70.—Meat and Fish.
- „ 71.—Vegetables and Fruit.
- „ 72.—Condiments and Stimulants, Sugar and Confectionery.
- „ 73.—Fermented Drinks.

Group VIII.—Agriculture.

- Class 74.—Specimens of Farm Buildings and Agricultural Works.

Group IX.—Horticulture.

- Class 75.—Conservatories and Horticultural Apparatus.
- „ 76.—Flowers and Ornamental Plants.
- „ 77.—Vegetables.
- „ 78.—Fruit and Fruit Trees.
- „ 79.—Seeds and Saplings of Forest Trees.
- „ 80.—Plants for Conservatories.

Group X.—Mining Industries.—Machinery and Products.

- Class 81.—Apparatus and Processes of the Art of Mining and Metallurgy.
- „ 82.—Mining and Metallurgy.

FIRST GROUP.—Works of Art.

CLASS 1.—Oil Paintings.

1. BANNING, CLARA, 15 Selwyn-street, Moore Park.
Landscape Painting.
2. BOYD, THOMAS H., 250 George-street, Sydney.
Oil Paintings.
3. CARSE, J. H., 348 George-street, Sydney.
(1) Bulli Pass; (2) Bulli, from Mount Pleasant; (3) Mount
Macedon Swamp, Victoria. N.S.W. Art Society.
4. COLLINGRIDGE, A. & G., Ryde, Parramatta River.
(1) Manly Beach, from Shell Bay; (2) Wattles; (3) Sunset,
Ryde; (4) Kissing Point, Parramatta. N.S.W. Art Society.
5. FIELDING, THOMAS HENRY, Woodlands, Double Bay.
On the Dart, Devon. N.S.W. Art Society.
6. FRANKLIN, F. A., Buona Vista, Wollongong.
Sydney Harbour.
7. GREENWOOD, ARTHUR, 47 Hunter-street, Sydney.
Landscape View of West Sydney. N.S.W. Art Society.
8. HALSTED, G. F., 49 Castlereagh-street, Sydney.
Sydney Harbour, from Vacluse.
9. HUNT, Mrs. G. H., Ryde Public School, Parramatta.
Oil Paintings.
10. HUNT, CHARLES, 16 Bond-street, Sydney.
(1) Hyde Park, Sydney; (2) On the Parramatta River. N.S.W.
Art Society.
11. LOWREY, COLLINS, Brundah, Grenfell.
(1) Head of the Killeries; (2) Song of the Streamlet.
12. MARSHALL, CHARLOTTE, 2 Lyons'-terrace, Sydney.
Morning after the Gale (after Meilby).
13. MINCHIN, E. W., Survey Office, Sydney.
Govett's Leap. N.S.W. Art Society.
14. MUNICIPAL COUNCIL OF SYDNEY.
Painting of Her Majesty the Queen.
15. PIGUENIT, W. C., Warren Road, Marrickville.
N.S.W. Scenery: Cook's River, Canterbury, from near Under-
cliff Bridge. N.S.W. Art Society.
16. PIGUENIT, Miss H. V., Warren Road, Marrickville.
Two Paintings of Flowers. N.S.W. Art Society.

CLASS 1—continued.

17. RENWICK, MARIAN, Forest Lodge, Parramatta Road.
Two Landscape Paintings of Australian Scenery.
18. SAMUEL, Miss LYDIA E., Auburn Villa, Bourke-street.
(1) The Salmon Pool (after Hull); (2) The Morning after the Gale (after Meilby); (3) Garden Palace, from Botanical Gardens, Sydney—by Exhibitor.
19. WOODHOUSE, E. B., Mount Gilead, Campbelltown.
Two Paintings of Prize Cattle (artist, W. Macleod).
20. WOOLLEY, Mrs., N. N., 15 Elizabeth-terrace, Upper William-street.
Early Morning, Ocean Side of Manly Beach.

CLASS 2.—Various Paintings and Drawings.

21. ALEXANDER, Miss E. K. N., 48 Margaret-street.
Two Crayon Drawings.
22. ANDERSON, R., 127 Riley-street, Woolloomooloo.
(1) Elizabeth Knighting Drake; (2) The Young Zither-player.
Pen and Ink Drawings.
23. BASHAM, JAMES, 234 Elizabeth-street.
Two Crayon Drawings.
24. BONNEFIN, CHS., Lane Cove River, Sydney.
Frisain Drawings: (1) Lithgow Valley; (2) Lane Cove River;
(3) Crossing the Ford; (4) Forest Scene, Bulli.
25. BOOTH, MARIAN, Tooyal Station, Wagga.
(1) Painting on Satin; (2) Paintings on Cotton Velvet; (3)
Paintings on White Moleskin; (4) Samples of Formulas used
in Working.
26. BOYD, T. H., 250 George-street, Sydney.
Paintings in Water-colour and Indian Ink.
27. CHARD, ELIZ., Sherwood House, Stanmore Road.
Prince Consort and Prince of Wales (from Casts).
28. COMBES, E., Esq., C.M.G., Victoria Lodge, Miller's Point.
Water-colour Paintings: (1) Outskirts of Breeza Plains; (2)
"Curl Curl" Lagoon, Manly Beach; (3) Near Barmouth,
North Wales; (4) A Bit of Wiltshire—outdoor sketch; (5)
"Deserted," Langham sketch; (6) "Top of the Hill," Lang-
ham sketch.
29. DEVINE, CATHERINE, 2 Great Thorn-street, Woollahra.
Portrait in Water-colours.
30. FINLAY, HUGH, Thornthwaite, Scone.
Water-colour Paintings: (1) Valley of Grose; (2) On the Road
to Bulli; (3) Kangaroo-driving; (4) Yarding Kangaroos; (5)
Island where "Loch Ard" struck; (6) Gorge where Survivors
landed.
31. HARRY, ELEANOR J., The College, Ashfield.
Three Head Studies, in Black and White Chalks.

CLASS 2—continued.

32. HERN, C. E., 105 Pitt-street, Sydney.
Four Water-colour Paintings.
33. HOYTE, J. C., 72 Hunter-street, Sydney.
Water-colour Paintings: (1) Rosa Gully, Watson's Bay; (2) Mount Egmont, Taranaki, N.Z.
34. HUNT, G. H., Ryde Public School, Parramatta.
Various Drawings.
35. HUNT, Mrs. G. H., Ryde Public School, Parramatta.
Water-colours, Crayons, Paintings, on various articles.
36. HUNT, CHAS., 16 Bond-street, Sydney.
(1) Cook's River; (2) Left by the Tide. Water-colour Paintings.
N.S.W. Art Society.
37. JACKSON, A. L., 169 Victoria-street, Darlinghurst.
Water-colour Paintings: Fern Trees on Creek at Upper Kurrajong. N.S.W. Art Society.
38. JAMES, H. A., Department of Mines, Sydney.
Specimens of Map Drawing and Etching.
39. LEVVEY, Miss FRANCES D., 21 Linsley-terrace.
Water-colour Paintings: (1) Manly Beach, Ocean Side; (2) Shell Bay, Manly Beach.
40. LLOYD, H. G., Parramatta S. N. Co., King-street.
Four Water-colour Paintings.
41. LOWREY, COLLINS, Brundah, Grenfell.
Two Landscapes in Water-colours. *Etchings*: (1) The Wooing of Henry V.; (2) The Parting; (3) The Last Nip; (4) The Violinist; (5) Sold; (6) Henry IV. in his Bedchamber.
42. MARSHALL, JANE, 2 Lyons'-terrace.
Moth, in Water-colours, from Nature.
43. MUNICIPAL COUNCIL, Sydney.
Water-colour Painting of the Town Hall.
44. NEWMAN, J. H., 12 Oxford-street.
Crayon Portrait of Lord Augustus Loftus.
45. RAE, JOHN, Under Secretary for Public Works.
(1) Turning the First Sod of N.S.W. Railways; (2) Jerry's Meadows, Illawarra; (3) View from Watson's Bay; (4) Newcastle; (5) Wollongong, looking South; (6) Homestead, Jerry's Meadows; (7) Wollongong, looking North; (8) Jerry's Meadows.
46. SAYERS, J. W., Treasury, Sydney.
Crayon Drawing—Ajax, Bust.
47. SMITHERS, W. H., Victoria-street, Darlinghurst.
Water-colours: (1) Group of Roses; (2) Yacht Race; (3) Steamer in a Gale.
48. STODDARD, Mrs., 2 Great Thorn-street, Woollahra.
Water-colour Portrait.
49. TECHNICAL OR WORKING MEN'S COLLEGE, Pitt-street.
E. DOWLING, Chairman.
Water-colour and other Drawings illustrative of Studies pursued.

CLASS 2—continued.

50. TISCHBAUER, A., 139 Castlereagh-street.
Sketches in Water-colours for Churches and Apartments. Panels for Apartments.
51. THORN, CHS., 3 Roslyn-terrace, Darlinghurst Road.
Crayon Drawing.
52. WALKER, Miss A. F., Sydney.
Seven Flower Paintings in Water-colour, and Copy of Gold Medal.
53. WHITING, Miss E. W., 9 Cowper-terrace, Church Hill.
Five Crayon Drawings; Three after Landseer.
54. WILLIAMS, PERCY E., Treasury, Sydney.
Three Crayon Drawings: (1) Fighting Gladiator; (2) Apollo; (3) Bust.

CLASS 3.—Sculpture and Die-sinking.

55. LEVIE, ALEX., Albury.
Carved Shield in Stone.
56. MURRAY, ARCHIBALD, Colonial Architect's Office.
Royal Coat of Arms.
57. SIMONETTI, ACHILLE, Sydney.
Statues (Life Size): Justice, Mercy, Minerva, Venus of the South.
Busts: Sir Hercules Robinson, P. A. Jennings, Esq., James Barnett, Esq., Commodore Goodenough.
58. THORPE, G. S., University-street, Camperdown.
Portraits, Busts, Models; Relievs in Marble.
59. WRIGHT, WM., 458 George-street, Sydney.
Modelling in Plaster from Life.

CLASS 4.—Architectural Drawings and Models.

60. COOMES, HENRY, 15 Rose-street, Darlington.
Model of Double Self-supporting Staircase.
61. GORDON, C. G. S., Macaulay-street, Albury.
Plans, Sections, and Elevation of a Theatre.
Full set of Drawing for a Cottage and Villa.
62. HORDERN, ANTHONY & SONS, Haymarket, Sydney.
Picture showing Elevation of premises.
63. ROWE, THOS., Vickery's Chambers, Pitt-street.
Architectural Models, Model of Newington, Wesleyan College, Stanmore.
64. TECHNICAL OR WORKING MEN'S COLLEGE, Pitt-street.
E. DOWLING, Chairman.
Architectural Drawings.

CLASS 5.—Engravings and Lithographs.

65. BUCKLEY, BLENSUM, & Co., 6 Bligh-street, Sydney.
Frame of Stamps illustrating Progress in Stamp-making.
66. COLLINGRIDGE, A. & G., Ryde, Parramatta River.
Engravings of N. S. W. and other Scenery.
67. REYNOLDS, P. E., 410 George-street, Sydney.
Chromo-lithograph.
68. RICHARDS, THOS., Government Printer.
Photo-lithographs—Engravings on Wood.
69. UMPLEBY, C. E., Bayville-street, Balmain.
Lithographic Designs—Drawing on Stone.
70. WALMSLEY, J., Norton-street, Petersham.
Two Glazed Frames with Impressions of Engravings.

SECOND GROUP.—Education and Instruction,
Apparatus and Process of the Liberal Arts.

CLASS 6.—Education of Children, Primary Instruction, Instruction of Adults.

71. DEPARTMENT OF PUBLIC INSTRUCTION.

Plans and Models: Model of Ultimo Public School. First Class, 4 departments; Model of Crown-street Public School. First Class, 4 departments; Model of St. Leonards Public School. Second Class, 2 departments; Model of Five Dock Public School. Third Class, 1 department.

18 Photographs of Public School Buildings: Burwood, 3 departments; Petersham, 2 departments; Bathurst, 4 departments; Cleveland-street, 4 departments; Ultimo, 4 departments; Newtown, 3 departments; Fort-street, 4 departments; Balmain, 4 departments; Parramatta, 2 departments; Newcastle, 4 departments; Darlington, 2 departments; Balmain W., 2 departments; Mudgee, 4 departments; Waverley, 2 departments; Yass, 2 departments; St. Leonards, 2 departments; Canterbury, 1 department; Woollahra, 2 departments.

1. Map showing the distribution of Schools in New South Wales.

18 Maps as follows (Collins' Series): Eastern Hemisphere, Western Hemisphere, Africa, South America, Holy Land, Scotland, Ireland, Europe, England and Wales, Australasia, North America, The British Isles, Africa, New South Wales, Asia, New Zealand, British Islands, Orographical Africa.

Collins' Educational Diagrams, as undermentioned: Geological, Geographical, Chemical, Astronomical, Botanical, Zoological, Ethnological, Hydrostatics, Hydraulics, Properties of Matter, Mechanical Powers; Geometrical, Botanical Map Mountain Chains, Climatological, River Systems, Manufacture of Iron, Manufacture of Gas, Manufacture of Glass, Condensing Engine.

CLASS 6—continued.

- Collins' Illustrations of Animal Kingdom : Eagle, Horse, Lion, Cow.
- 14 Lithographs of Australian Animals as undermentioned : Kangaroo (2), Flying Fox, Native Cat, Common Opossums, Sooty Opossums, Ring-tailed Opossum, Sea Leopard, Platypus, Wombat, Native Bear, Australian Water Rats, Tasmanian Tiger, Australian Hedgehog.
- 18 Reading Sheets, Australian Primer.
- Drawing Copies, 1 set of each of the undermentioned :
- Collins' Elementary Drawing Books, Nos. 1 to 8.
- Collins' Elementary Drawing Books, with additional blank leaves for Exercising.
- Collins' National Drawing-books, Nos. A to 38.
- Collins' Advanced Drawing-books, Nos. 1 to 24.
- Collins' Practical Geometry Copy Books, Nos. 1 to 8.
- Collins' Examples in Advanced Freehand, Nos. 1 to 6.
- Collins' Advanced Freehand, Ornamental Design, 1.
- Collins' Freehand Drawing Cards, 1 set.
- Collins' Elementary Drawing Cards, 1 set.
- Collins' Handbook of Linear Perspective.
- Collins' Handbooks of Technical Drawing and Design, Parts 1 and 2.
- Collins' Handbooks of Practical Plane Geometry.
- Collins' Practical Geometry, Grades 1 and 2.
- Collins' Geometrical Test Papers, Grades 1 and 2.
- Collins' Perspective Test Papers, Grade 2.
- Collins' Geometrical Examination Papers, 2nd Grade.
- Collins' Freehand List Papers, 1st and 2nd Grades of Papers.
- Collins' Freehand Examination, 1st and 2nd Grades of Papers.
- Music : Fisher's Elementary and Advanced School Song Books.
- Collins' School Songs, Tonic Sol Fa, and Old Notations, Secular Songs, Music in Common Things, Parts I. to IV.
- Registers, Admission, Class Roll, Daily Report, Observation Books, Visitors, Fee Account, Punishment Books, Register of Admission and Progress.
- 2 copies of Public Instruction Act and Regulations.
- 1 copy of Standard of Attainments.
- Reading Books : 1 copy of each. Scripture Lessons, O.T., Nos. 1 and 2 ; New Testament, Nos. 1 and 2. First, Second, Sequel.
- No. 1 Sequel, No. 2, Third, Fourth Supplement to Fourth Books.
- J.N.B.—Australian Reading Books : Primer Part 1, Primer Part 2, Primer Part 3.
- Australian Reading Books, Nos. 1, 2, and 3.
- Boys' Reading Book, No. 5.
- Girls' Reading Book, No. 5.
- General Apparatus :
- Specimens of Framed Slates, 8 x 6, 10 x 7, 12 x 8.
- School Pens, Slate Pencils, Slate Pencil Holders.
- Pen Holders, Cochrane's Ink and Ink Powders.
- White Chalk (gross in box), Ball Frame.
- Blackboard, Easel, Ink Wells (glass and porcelain).

CLASS 6—continued.

PUBLIC SCHOOLS, NEW SOUTH WALES—PUPILS' WORK.

Sub-class I.—Mapping.

Burwood (Public) :

- | | | | | |
|------------------------|---------------|---|------------------------------|-----------|
| 1. E. H. Cowdery | aged 16 years | } | The World in
hemispheres. | |
| 2. Ann Caird | 14 „ ... | | | Ireland. |
| 3. John Williams..... | 14 „ ... | | | Scotland. |

Jamberoo :

- | | | |
|---------------------------|----------|------------------|
| 4. Phillip E. Bailey..... | 15 „ ... | New South Wales. |
| 5. Archibald P. Bailey... | 16 „ ... | Victoria. |

Paddington :

- | | | | |
|------------------------|------|---|---------------------------|
| 6. W. R. Coombes | 12 „ | } | England and
Australia. |
| | | | |

Ryde (Public) :

- | | | | |
|-------------------------|------|---|-----------------------|
| 7. James H. Foulcher... | 13 „ | } | England and
Wales. |
| | | | |

St. Leonards (R.C.) :

- | | | | |
|------------------------|------|-----|----------|
| 8. H. W. Whealey | 15 „ | ... | Ireland. |
|------------------------|------|-----|----------|

Wickham (Public) :

- | | | | |
|--------------------------|------|-----|--------------|
| 9. John Bate | 13 „ | ... | New Zealand. |
| 10. Edwin Frewin..... | 14 „ | ... | England. |
| 11. George Cadell | 12 „ | ... | Victoria. |
| 12. Joseph Farnham | 12 „ | ... | Italy. |

Sub-class II.—Writing, plain and ornamental.

Canadian Lead (Public) :

- | | | | |
|------------------------|------|-----|--------|
| 1. T. Smith | 14 „ | ... | Plain. |
| 2. Edward Smith..... | 15 „ | ... | „ |
| 3. John Mitchell | 14 „ | ... | „ |

Cassilis (Public) :

- | | | | |
|-------------------------|------|-----|--------------------------|
| 4. Maria S. Noble | 13 „ | ... | Ornamental. |
| 5. Charles H. Marks ... | 12 „ | } | Plain and
ornamental. |
| | | | |

Fort-street (Public) :

- | | | | |
|--------------------------|------|-----|-------------|
| 6. Jno. Sydney Williams | 15 „ | ... | Ornamental. |
| 7. George Hardwicke ... | 15 „ | ... | „ |
| 8. Charles Kopsch | 13 „ | ... | „ |
| 9. Ebenezer Gostelow ... | 13 „ | ... | „ |
| 10. Annie M'Intosh | 15 „ | ... | „ |
| 11. Alice Barton | 15 „ | ... | „ |
| 12. Cissy Poolman | 16 „ | ... | „ |
| 13. Lucy Cromack..... | 15 „ | ... | „ |
| 14. Minnie Ludowici ... | 15 „ | ... | „ |

Glebe (Public) :

- | | | | |
|-------------------------|------|-----|---|
| 15. Charles Taylor..... | 16 „ | ... | „ |
| 16. Celia Doll | 14 „ | ... | „ |

Gulgong (Public) :

- | | | | |
|------------------------|------|-----|--------|
| 17. Arthur Mills | 15 „ | ... | Plain. |
|------------------------|------|-----|--------|

Sub-class II—continued.**Kiama (Public) :**

18. Louisa Waldron	aged 15 years...	Plain.
19. Amy Waldron.....	" 13 " ... "	"
20. Rachael Whittingham	" 14 " ... "	"
21. Fanny Hunt	" 13 " ... "	"
22. Ada Fuller	" 13 " ... "	"
23. Mary Colley.....	" 13 " ... "	"
24. Mary M'Lelland	" 17 " ... "	"
25. George Somerville ...	" 15 " ... "	"
26. Arthur Somerville ...	" 13 " ... "	"
27. William Fuller	" 15 " ... "	"
28. Thomas Fuller.....	" 14 " ... "	"
29. John Cousins	" 11 " ... "	"
30. William B. Connell...	" 17 " ... "	"

Raymond Terrace (Public) :

31. Thomas Garrett	" 19 " ... "	"
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Rockley (Public) :

32. Audley Brownlow ...	" 11 " ... "	"
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Ryde (Public) :

33. Florence Bailey	" 15 " ...	Ornamental.
34. James H. Foulcher...	" 13 " ...	"

Wickham (Public) :

35. Arthur Hackworthy..	" 13 " ...	"
36. Phillip Wayne.....	" 16 " ...	"

Yass (Public) :

37. Edward Brierly	" 15 " ...	"
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Sub-class III.—Drawing.**Broughton Creek (Public) :**

1. Thomas Mawle ...	" 14 " ...	Pencil.
2. John Mathers ...	" 14 " ...	"

Darlinghurst (C.E.) :

3. William Wilson ...	" 15 " ...	Scroll.
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Fort-street (Public) :

Ebenezer Gostelow	" 13 " ...	Pencil.
5. Annie Potter	" 15 " ...	"
6. Ada Wakfer	" 16 " ...	"
7. Jane Agnew	" 16 " ...	"
8. Adelaide Allen	" 15 " ...	"
9. Fanny Shields	" 15 " ...	"
10. Edith Wells	" 16 " ...	"

Kiama (Public) :

11. Emma A. Chin	" 15 " ...	"
12. Henry Holden	" 12 " ...	"

Mount Kiera (Public) :

13. Annie L. Craufield ..	" 15 " ...	"
14. Letitia J. Robson ...	" 15 " ...	"
15. John Williams	" 16 " ...	"
16. Charles O. Bright ...	" 12 " ...	"

Sub-class III—continued.

Rockley (Public):

17. Edith J. Jobson ... aged 11 years ... Pencil.
 18. R. F. Hefferman ... ,, 13 ,, ... Crayon.

Ryde (Public):

19. John Angove ,, 15 ,, ... ,,
 20. William Foulcher ... ,, 11 ,, ... ,,
 21. Oakley Small ,, 14 ,, ... ,,
 22. Arthur Manning ... ,, 10 ,, ... ,,
 23. Florence Bailey ... ,, 15 ,, ... ,,
 24. Harold Hunt... .. ,, 13 ,, ... Pencil.
 25. Hamilton Fraser ... ,, 12 ,, ... ,,
 26. James H. Foulcher ... ,, 13 ,, ... ,,
 27. William Angove ... ,, 13 ,, ... ,,
 28. Arthur Tuckwell ... ,, 15 ,, ... ,,
 29. Lizzie Goulding ... ,, 15 ,, ... ,,
 30. Lizzie Gascoigne ... ,, 14 ,, ... ,,

South Creek (Public):

31. Henry Thomas ,, 17 ,, ... ,, "Summer."
 32. Walter Marsden ... ,, 16 ,, ... ,, "Winter."

Wickham School:

33. John Bate ,, 13 ,, ... ,,

William Town (Public):

34. Horatio Blackwood .. ,, 15 ,, ... Musk Ox.
 35. Jacob Mortimer ... ,, 11 ,, ... Flower.
 36. James Blackwood ... ,, 12 ,, ... Fruit.
 37. David Shearman ... ,, 12 ,, ... Flowers.

Windsor (Public):

38. William Carroll ... ,, 14 ,, ... Landscape.
 39. Minnie Linsley ... ,, 16 ,, ... Head.
 40. James Lane ,, 13 ,, ... ,,
 41. Sarah Mortley ,, 15 ,, ... Landscape.
 42. Adolphus Berckleman .. ,, 13 ,, ... Head.
 43. Rosanna Anderson .. ,, 13 ,, ... Fruit.
 44. Archie Walker ,, 13 ,, ... Landscape.
 45. Clara Lane ,, 14 ,, ... ,,
 46. Alice Holmes ,, 13 ,, ... Fruit.

Yass (Public):

47. Edward Brierley ... ,, 15 ,, ... ,,
 48. Robert Beverley ... ,, 14 ,, ... ,,

Sub-class IV.—Plain Needlework.

Balmain (West):

1. Blanche Waterman .. ,, 13 ,, ... Chemise.
 2. Maud Carmont ,, 12 ,, ... ,,
 3. Mary Roberts ,, 10 ,, ... ,,
 4. Maud O'Brien ,, 11 ,, ... ,,
 5. Louisa Dowling ,, 11 ,, ... ,,
 6. Ellen Greenwood ,, 14 ,, ... Pair drawers.
 7. Ellen Wiltrie ,, 13 ,, ... ,,
 8. Rebecca Nicholson ... ,, 13 ,, ... Shirt.
 9. Sarah Watson ,, 13 ,, ... Woollen jacket.

Sub-class IV—continued.

Beneree (Public) :

10. Alice Gosper aged 13 years ... Pair drawers.
 11. Maud Gosper " 10 " ... Pinafore.

Broughton Vale (Public) :

12. Alice Tindall " 15 " ... Chemise.
 13. Mary J. Smyth " 13 " ... "
 14. Matilda Smyth " 12 " ... "
 15. Victoria Reid..... " 15 " ... Bodice.
 16. Mary Ann Boyd ... " 15 " ... Chemise.
 17. S. A. Bailey " 13 " ... Drawers.
 18. C. J. Boyd " 11 " ... Pinafore.
 19. Margaret Smith..... " 9 " ... Pillow-case.
 20. N. A. M'Govern ... " 9 " ... Pinafore.

Canadian Lead :

21. Ettie Snelson..... " 15 " ... Boy's shirt.
 22. M. Fowler " 13 " ... Man's "
 23. A. Benschel " 5 " ... Girl's chemise.

Cassilis (Public) :

24. Henrietta Brazzett .. " 13 " ... Plain Needlework.
 25. Theresa Parker " 13 " ... "
 26. Mary J. Everett..... " 10 " ... "
 27. Amelia J. Pickett ... " 9 " ... "

Croom Park (Public) :

28. Mary Newell ... " 13½ " ... Shirt.
 29. Sarah Newell " 12 " ... "
 30. Alice Wade..... " 11 " ... Baby's dress.

Fort-street (Public) :

31. Jessie Dalrymple..... " 13 " ... Chemise.
 32. Tilly Lessing " 14 " ... Doll's suit.
 33. Esther Cripps " 12 " ... Bodice.
 34. Emily Young " 7 " ... Chemise.
 35. Annie Murray..... " 11 " ... Dress.
 36. Cissy Poolman " 16 " ... "
 37. Dolly Poolman " 14 " ... "
 38. Clara Lessing " 12 " ... Doll's dress.
 39. Octavia Fariola " 15 " ... Shirt.
 40. Annie Herlihy " 13 " ... Robe.
 41. Florrie Merriman ... " 9 " ... Dress.
 42. Annie Croker " 15 " ... Night-dress.
 43. Various Pupils " ... Button-holes.

Glebe (Public) :

44. Ada Wells " 14 " ... Child's dress.
 45. Adelaide Hulbert ... " 14 " ... Child's flannel.
 46. Florence Mitchell ... " 14 " ... Chemise.

Kiama (Public) :

47. Fanny Hunt " 12 " ... Night-dress.
 48. Mary Phillips " 12 " ... "
 49. Bella Walker " 9 " ... "
 50. Amy Waldron " 12 " ... White shirt.

Sub-class IV—continued.

Kiama (Public)—continued.

51. Sabina Ettinghausen	aged 12 years...	White shirt.
52. Christina Phillips	... 13 ,, ...	Petticoat.
53. Carrie Whittingham..	,, 8 ,, ...	,,
54. Sarah Arnold	,, 12 ,, ...	Chemise.
55. Louisa Waldron	,, 15 ,, ...	,,
56. Rachel Whittingham	,, 14 ,, ...	,,

Hinton (Public) :

57. Agnes Partridge	,, 13 ,, ...	,,
58. Sarah Cook	,, 14 ,, ...	Petticoat.
59. Clara Saxby.....	,, 5 ,, ...	,,
60. Bessie Read.....	,, 11 ,, ...	Night-dress.

Mogo (Public) :

61. Emily Cames	,, 12 ,,	{ Infant's night-shirt.
62. Sarah Burke	,, 9 ,,	

Mount Keira (Public) :

63. Emma Robson	,, 13 ,, ...	Night-dress.
64. Elizabeth Shipp	,, 12 ,, ...	,,
65. Martha Piper	,, 13 ,, ...	Drawers.
66. Elizabeth Edwards...	,, 12 ,, ...	,,
67. Zilpah Piper	,, 12 ,, ...	,,

Nerang (Public) :

68. Alice Wren	,, 15 ,, ...	Child's apron.
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Oakhampton (Public) :

69. Mary Ann Ellis	,, 12 ,, ...	Drawers.
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Penrith (Public) :

70. Mary Elliott	,, 14 ,, ...	Night-dress.
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Rockley (Public) :

71. Agnes Goldsby	,, 16 ,, ...	Chemise.
72. Edith Jobson	,, 11 ,, ...	Night-dress.
73. Annie Comrie	,, 8 ,, ...	Chemise.
74. Etta Brownlow	,, 8 ,, ...	Child's drawers.

Ryde (Public) :

75. Elizabeth Goulding...	,, 15 ,, ...	Night-dress.
76. Maud Goulding	,, 13 ,, ...	Pinafore.
77. Eva Heard	,, 9 ,, ...	Sampler.
78. Lucy Hicks.....	,, 9 ,, ...	Chemise.
79. E. Goulding	,, 15 ,, ...	Doll's suit.

Tarlo Gap (Provisional) :

80. Florence Harkus ...	,, 12 ,, ...	Plain needlework.
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Violet Hill (Public) :

81. Matilda Blakers	,, 10 ,,	{ Infant's night-gown.
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Upper Wagra (Public) :

82. Margaret J. Bell ...	,, 9 ,, ...	White shirt.
83. Helen Masson.....	,, 9 ,, ...	Chemise.

Sub-class IV—continued.

Wickham (Public) :

84. Ettie Gulliver	aged 12 years...	Plain needlework.
85. Janet Cameron	" 14 " ...	"
86. Margaret Rorison ...	" 14 " ...	"
87. Lizzie Cameron	" 12 " ...	"
88. Maggie Cameron.....	" 12 " ...	"
89. Eliza Martin	" 15 " ...	"
90. Emma Martin	" 13 " ...	"
91. Julia Martin	" 11 " ...	"
92. Jessie Wilkins.....	" 13 " ...	"

Windsor (Public) :

93. Fannie Tout	" 15 " ...	Shirt.
94. Lavinia Teale	" 16 " ...	"
95. Clara Lane	" 14 " ...	Night-dress.
96. Sarah Mortley.....	" 14 " ...	Chemise.
97. Maggie Dick	" 12 " ...	Pinafore.
98. Annie Anderson.....	" 14 " ...	"
99. Jane Maisey	" 11 " ...	Chemise.

Yarramundi (Public) :

100. Ada Farlow	" 14 " ...	Night-dress.
101. Sarah Mortimer	" 13 " ...	Stay bodice.
102. Beatrice Shields	" 7 " ...	Girl's drawers.

Yass (Public) :

103. Emily Howard	" 13 " ...	Plain needlework.
104. Amelia Howard	" 12 " ...	"
105. Eva Sampson	" 9 " ...	"
106. Adeline Brierly	" 10 " ...	"

Sub-class V.—Fancy Needlework.

Broughton Vale (Public) :

1. Alice Tindall	" 15 " ...	Cushion.
2. Victoria Reid	" 15 " ...	Antimacassar.

Fort-street (Public) :

3. Maggie Herlihy	" 7 " ...	"
4. Lizzie Giles	" 15 " ...	Book-mark.
5. Jessie Landers.....	" 15 " ...	Embossed apron.
6. Annie Martin	" 16 " ...	Raised woolwork.
7. Charlotte Arnold ...	" 16 " ...	Bead slippers.
8. Brenda Saunders.....	" 13 " ...	Book-mark.
9. Beatrice Coroles	" 11 " ...	Handkerchief.
10. Emily Haggerty	" 13 " ...	Baby's robe.
11. Mary Booth	" 15 " ...	Embossed apron.
12. Lizzie Morrison	" 14 " ...	Handkerchief.
13. Theresa M'Auley ...	" 14 " ...	Antimacassar.
14. Lucy Cook	" 13 " ...	Wool jacket.
15. Alice Keates	" 11 " ...	{ Seed bracelet and necklace.
16. Ellen Robertson	" 14 " ...	Raised cushion.
17. Netta Milham	" 14 " ...	Handkerchief.
18. Maud Lee	" 11 " ...	Dressed doll.

Sub-class V—continued.

Fort-street (Public)—continued.

19. Emily Kippax	aged 12 years	{	Seed bracelet and necklace.
20. Marion Hoseman ...	„ 14 „	...	Framed woolwork.
21. Jessie Bailey	„ 10 „	...	Cushion.
22. M. Jane Crawford ...	„ 15 „	...	„
23. The School .....	.....		3 frames.
24. Various Pupils .....	.....		Button-holes.
25. Esther F. Cripps ...	„ 11 „	...	Wool cushion.
Glebe (Public):			
26. Australia Carter ...	„ 15 „	...	Apron.
27. Ellen Williams	„ 14 „	...	„
Kiama (Public):			
28. Mary M'Lelland.....	„ 15 „	...	Wool cushion.
29. Rachel Whittingham.	„ 14 „	...	„
Kiama (Public):			
30. Christina Phillips ...	„ 13 „	{	Shade of wool flowers.
31. Amy Waldron.....	„ 12 „	...	Pincushion.
32. Louisa Waldron	„ 15 „	...	Needle-book.
Hinton (Public):			
33. Mary Stewart	„ 14 „	...	Woollen hood.
34. Ann Simmons	„ 15 „	...	Woollen petticoat
35. Sarah Cook	„ 14 „	...	Baby's dress.
Mount Keira (Public):			
36. Annie L. Cranfield ...	„ 15 „	...	Woolwork cushion
37. Cecilia Yates	„ 13 „	...	Knitted stockings.
Nyranng (Public):			
38. Edith C. Sharp	„ 13 „	...	Antimacassar.
39. Annie Wren	„ 13 „	...	Lace.
Oakhampton (Public):			
40. Mary Ann Ellis	„ 12 „	...	Apron.
41. Isabella Ellis	„ 10 „	{	Pair of antimacassars and darned net.
42. Clarissa Robertson ...	„ 11 „	...	Apron.
Palmer's Island (Public):			
43. Esther F. Howard ...	„ 11 „	...	Fancy needlework.
44. Sophia O'Connor ...	„ 9 „	...	„
Penrith (Public):			
45. Emma Upton	„ 13 „	{	Crochet child's jacket.
Ryde (Public):			
46. Edith Heard	„ 14 „	...	Beaded slippers.
47. Elizabeth Goulding...	„ 15 „	{	Antimacassar and crewel work.
48. Elizabeth Gascoigne	„ 14 „	{	Silk cape, embroidered.
49. Florence Bailey	„ 15 „	{	Darned antimacassar.
50. Jane Gascoigne	„ 11 „	{	Hat plaited and made.

Sub-class V—continued.

Ryde (Public)—continued.

51. Mary Japp	aged 10 years...	Wool mat.
52. Lily Dunn	13 "	{ Doll's hood and lace.
53. Ida Hicks	13 "	Wool jacket.
54. E. Goulding.....	15 "	Baby's doll's suit.
55. Lily Bailey	12 "	Point lace cushion.

Wabang (Public) :

56. Gertrude Davison ...	10 "	Pair of bracelets.
57. Agnes Howard	13 "	Cushion cover.
58. Mary Davison	12 "	Bird.
59. Sarah Howard.....	8 "	Lady's belt.

Wickham (Public) :

60. Ettie Gulliver	12 "	Framed work.
61. Emma Lane.....	14 "	"
62. Emma Lauer	13 "	Cushion.
63. Eliza Martin	15 "	Stockings.
64. Ada Berry	13 "	{ Fancy needle-work.
65. Janet Cameron	14 "	"
66. Mary Farnham	14 "	Cushion.

Windsor (Public) :

67. Three Fourth Class {	13, 14, and {	Raised cushion.
pupils	15 years	
68. Clara Turnbull.....	15 "	"
69. Minnie Linsley	14 "	Plush cushion.
70. Emma Johnson	14 "	{ Tent-stitch pin-cushion.
71. Sarah Mortley.....	15 "	Knitted muff.
72. Ada Wall	11 "	Crochet petticoat.
73. Clara Lane	14 "	Knitted mats.
74. Kate Linsley	13 "	Book-marker.
75. Maggie Dick	11 "	Antimacassar.
76. Agnes Redshaw	14 "	Darned net.
77. Lavinia Teale	16 "	{ Stocking and table darning.

Yarramundi (Public) :

78. Ada Farlow.....	14 "	Berlin wool shawl.
79. Edith Farlow	12 "	Shuttle wool shawl

Yass (Public) :

80. Minnie Dodds	13 "	Fancy needlework.
81. Elizabeth Thompson	14 "	"
82. Emily Howard.....	13 "	"
83. Muriel Dodds	11 "	"
84. Elizabeth Thompson	14 "	"

72. N. S. W. INSTITUTE FOR DEAF, DUMB, AND BLIND.

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Musical Compositions of Lady Amateur.
78. GADEN, ELIZA BARTON, Hampton Villa, Balmain.
Armorial Album.
79. GARDNER, JAMES, Young.
Specimens of Coloured Printing.
80. KING, P. G., Esq., Peel River Company, Tamworth.
Letter-book of Governor King, containing letter to Duke of Portland, reporting Lieutenant Murray's discovery of Port Phillip.
81. RICHARDS, THOMAS, Government Printer, Sydney.

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2	3	"	Red Russia, " "
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2	6	"	Russia, double under bands.
2	3	"	Full Calf, single Russia bands and corners.
1	10	Royal	White Vellum and double Russia bands.
1	8	"	" " "
2	9	"	Full Calf, single Russia bands and corners.
2	5	"	Full Green Vellum.
2	9	Medium	White Vellum, single Russia bands & corners.
1	7	"	Full Calf, " "
1	6½	"	" " " "
1	9	"	" " " "
2	6	"	Full Calf, double Russia bands.
2	14	Demy	Green Vellum, "
2	6½	Foolscap	Full White Vellum.
2	4	"	Full Green Vellum.
3	2¼	"	White Vellum, single green Morocco bands and corners.
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2	"	Matrimonial Causes Acts	" "
2	"	Equity and Lunacy Acts	" "
2	Demy 8vo.	Lands Reserves	" "
2	"	Australian Magistrate—Wilkinson	" "
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1 " Index.

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CLASS 9—continued.

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1 " " " back planed, ready for mounting.

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St. Andrew's Cathedral.
The Incline, Joadja Creek.
—The Nepean Bridge.
Five engravings from photographs on wood.
Woodburytype—
Gelatine Mould from photograph of old line engraving of Captain Cook (reduced size).
Impression in lead, taken from Gelatine Mould.
Photographs—
The Choragic Monument of Lysicrates: From sandstone model, at "Clarens," Potts' Point, Seat of Sir James Martin, Chief Justice of New South Wales.
Sydney, from North Shore, opposite Flagstaff Hill.
" " " Dawes Point.

CLASS 12—continued.

98. RICHARDS, THOMAS—continued.

Photographs—continued.

Mount Wilson, G.W.R.—

Forest, with *Zamias*.

Looking into Valley.

Nepean River Bridge, Penrith, G.W.R.—

Right-hand side—Close view.

Left-hand side—Close

Distant

Mount Victoria, G.W.R.—

The Pass—Bend in Cutting.

,, Road to Hartley.

,, Near the Summit.

,, Picturesque Cutting.

,, Rugged Cliff.

,, Gigantic Perpendicular Cliffs.

,, Picturesque Cliff and Ravine.

,, Rugged Mountain Side.

Kunimbla Pass—Along face of Precipice.

Yass River Bridge, G.S.R.

Farmer's Creek Viaduct, G.W.R.

Middle River

Wollondilly River Viaduct, G.S.R.

Boxer's Creek

Mulwarree Creek, near Goulburn, G.S.R.

,, ,, —Train passing.

Singleton Bridge, G.N.R.—

View showing structure of Bridge.

View along River.

Picton Viaduct, G.S.R.—

Train with Excursionists.

View along Creek.

Picton Tunnel, G.S.R.

Macquarie River Bridge, Bathurst, G.W.R.

Mr. Du Faur's Cottage, Mount Wilson, G.W.R.

Lithgow Valley, G.W.R.—

Cottage, &c.

Excursionists.

Bathurst Station, G.W.R.

Goulburn Station, G.S.R.

Penrith Station, G.W.R.

Wallerawang Station, G.W.R.

Mount Victoria Station, G.W.R.

The Zigzag, Lithgow Valley, G.W.R.—

General View.

Local View.

Smith's Paddock, Penrith, G.W.R.

Saddle-back Cutting, near Bargo Lagoons, G.S.R.—

Bridge over line.

View along line.

Govett's Leap, Mount Victoria, G.W.R.

Fitzroy Iron Works, Nattai, G.S.R.

CLASS 12—continued.

98. RICHARDS, THOMAS—continued.

Photographs—continued.

One-tree Hill, Mount Victoria, G.W.R.
Newcastle—

Wharf and Railway.

Great Northern Railway.

Macquarie Light-house, Outer South Head, Sydney

Seal Rocks Light-house.

Valley of the Grose, G.W.R.—

Cliffs on right.

Cliffs on left, and in back-ground.

Forest Scenery and the White Rock.

Precipitous Cliff on left.

Pool with Cliff in rear.

Creek, with large Boulders.

Brook, with peculiar looking Mountain in rear.

Deep Ravine, Mountain in distance.

Cascades and Precipitous Cliff.

Still Water, Rocks, Excursionists resting, Bold Mountain-top.

Pool, Huge Boulders, Square Cliff.

Garden Palace, from Outer Domain.

Government House, Sydney—Front and Vestibule.

Outer Domain, Sydney—Southern Gates, looking towards St.

Mary's Cathedral.

Colonial Secretary's and Public Works Departments, Bridge-
street, Sydney.

Mortuary, Sydney Necropolis, Rookwood.

Aisle.

Platforms.

Exterior view.

View from exterior.

Sydney Observatory.

School of Arts, Pitt-street, Sydney.

University of Sydney.

Statue of Governor Bourke, Sydney Domain.

General Post Office, Sydney.

Australian Museum, Sydney.

George-street, Sydney—looking South from Jamieson-street.

George-street Markets, Sydney.

Argyle Cut, Sydney.

La Pérouse Monument, Botany Bay.

Sydney Abattoirs—Gates.

Grafton Wharf, Sydney—

Northern Jetties.

Southern Jetties.

Statue of His Royal Highness Prince Albert, Hyde Park, Sydney.

Town Hall, Sydney.

Kiama, Southern Coast, N.S.W.—

Basin.

Breakwater—Inner end.

Do. Outer end.

Coast Scene.

CLASS 12—continued.

98. RICHARDS, THOMAS—continued.

Photographs—continued.

Emu Plains.

Botanic Gardens, Sydney—

Rustic Summer-house, octagonal, thatched.

Shady walk, looking towards Garden Palace.

Lawn, thatched Summer-house, and Garden Palace.

Inner Gate, Avenue, and Garden Palace.

Museum and Lecture Hall.

Zamias, &c.

Bed of Palms and other Endogens.

Lawn, Garden Palace in distance.

Farm Cove.

Large trees, Domain Terrace in distance.

Grand entrance to Inner Domain.

Avenue, Tower of Garden Palace in distance.

Garden Palace, Sydney—

Panoramic View from Government House.

View from Government House.

Macquarie's Chair and Garden Island from Government House.

Garden Palace, Sydney. Series of Pictures showing progress of construction—

Skeleton of Nave—10 May, 1879.

View along one of the Aisles—1 June, 1879.

Northern Front—26 June, 1879.

Building completed, except Towers and Dome—8 July, 1879.

Skeleton of Dome—14 July, 1879.

Dome with Scaffolding—View from Fort-street—15 July, 1879.

As seen across Farm Cove from Macquarie's Chair—Completed.

Domain, Sydney—Avenue rear of Mint.

Carbon Enlargements—Transparencies—

The Devil's Coach-house, Fish River Caves.

The Incline, Joadja Creek.

Government House, Sydney.

Carlotta Arch, Fish River Caves.

Interior of Lucas's Cave, Fish River Caves.

Carbon Enlargements—

Sydney in 1788—Taken from picture.

Do. 1848—do.

Mountain Home in Coaching Days.

Botanic Gardens—Studies—

Palmaeae.

Filices.

Re-productions—

Sydney in 1803, from a print.

Callan Park Lunatic Asylum, from drawing.

General Post Office, Sydney,

The Garden Palace,

”

CLASS 12—continued.

98. RICHARDS, THOMAS—continued.

Combination Pictures, illustrative of some of the Photographic and Photo-mechanical Operations conducted at the Government Printing Office, Sydney:—

- Phototype Prints, untouched—12 miscellaneous views.
- Some of the Edible Fishes of New South Wales.
- Woodbury Permanent Prints—11 miscellaneous views.
- Carbon Enlargements by Single Transfer—4 views—
Botanic Gardens and Joadja Creek.
- Carbon Prints by Double Transfer—15 views—Joadja Creek.
- ” Single Transfer—4 miscellaneous views.
- Specimen produced by Twenty different Photographic processes—

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The Pantheon—Interior.

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Harbour of Port Jackson—

From St. Leonards, opposite Circular Quay.

Do. do. Flagstaff Hill.

Carbon Enlargements, coloured by hand:—

Knapsack Gully Viaduct, G.W.R.

“Austermere,” the residence of the Hon. J. Lackey, Minister for Public Works, near Moss Vale, G.S.R.

Top of Fitzroy Falls, Maryla, head of Shoalhaven River, G.S.R.

Gorge, head of Shoalhaven River, near Maryla, G.S.R.

Fitzroy Falls, near Mittagong, G.S.R.—

Front View.

Full View.

Botanic Gardens, Sydney—

Fern Island.

Farm Cove, looking towards Government House.

Banana Tree, old porch.

Palm Tree.

Conservatory.

Palms, &c.

The Pond.

“Faulconbridge,” G.W.R.—Mountain Residence of Sir Henry Parkes.

The Incline, Joadja Creek, G.S.R.

Valley of the Grose, G.W.R.—

Cliffs on left.

From Govett's Leap.

CLASS 12—continued.

98. RICHARDS, THOMAS—continued.

Carbon Enlargements, coloured by hand—continued.

- Broken Bay, mouth of the Hawkesbury—
 Looking towards Pittwater.
 Launching boat.
 Bridge over Nepean River, G.W.R.
 Nepean River, near Penrith, G.W.R.
 Seal Rocks Light-house.
 Lithgow Valley, G.W.R.
 The Great Zigzag, Lithgow Valley, G.W.R.
 Kunimbla Valley, G.W.R.—
 The Gorge.
 Bald Rock.
 Circular Wharf, Darling Harbour.
 The Garden Palace, from Domain.
 Vale of Clwydd Township, G.W.R.
 Castle German—Vale of Clwydd, G.W.R.
 Kiama, Southern Coast, N.S.W.—
 Harbour.
 Coast Scene.
 Farm Cove, Port Jackson—View from Sydney Domain.
 Fairy Dell Falls, Mount Victoria, G.W.R.
 Govett's Leap Falls, near Blackheath, G.W.R.
 Town of Picton, G.S.R.
 Bridge near Richmond, Richmond Line.
 Hassan's Walls, near Hartley, G.W.R.
 Evans's Crown, near Tarana, G.W.R.
 Old Bridge, Lapstone Hill, G.W. Road.
 Richmond Bridge.
 King's School, Parramatta, from the Park.
 Wiseman's Ferry, Hawkesbury River.
 View near Weatherboard Falls, G.W.R.
 Town of Parramatta.
 The Pier, Manly Beach, Port Jackson.
 Weatherboard Falls, G.W.R.
 Parramatta Park.
 Windsor Bridge.

Panoramic Tinted Sketches (Water-colour). By Mr. John Rae, Under Secretary for Public Works, N.S.W. :—

- Newcastle in 1849.
 Wollongong, looking North, 1852.
 Wollongong, looking South, 1852.
 Terry's Meadows, Illawarra District, 1852.
 View from Light-house, 1856.
 Valley of the Murray, from Wallerawang, 1857.
 Mountains around
 „ 1857.

CLASS 12—continued.

99. RÜSTFELDT, E., 488 George-street, Sydney.
Photographs on Glass.
100. THE NEW SOUTH WALES COMMISSION.
(1) Views of Objects of Interest in and around Sydney, by C. Bayliss, George-street.
(2) Phototypes or Permanent Photographs, in Printer's Ink, of Fish River Caves (taken by Electric Light), Katoomba, Kunimbla, Weatherboard Falls, and other objects of interest in New South Wales Scenery, by Hart and Roux, Newtown.
(3) Lucas, John, Esq., M.P., Camperdown.
Coloured Photographs of N.S.W. Scenery.

CLASS 14.—Medicine, Hygiene, and Public Relief.

101. BOTTRELL, E. H., 197 Castlereagh-street.
Electro-galvanic Machine and Battery.
102. CHAIM, J., 3 Enmore Road, Newtown.
Artificial Teeth.
103. GUYATT, G., 301 George-street.
Various Surgical Instruments and Appliances.
104. SPENCER, JOHN, 44 Margaret-street.
Mechanical Dentistry in Gold and Vulcanite.

CLASS 16.—Maps and Geological and Cosmographical Apparatus.

105. ADAMS, P. F., Surveyor General.
Maps of New South Wales showing (1) Distribution of Land,
(2) Mineral and Agricultural Resources, (3) Maps of Counties Georgiana, Dampier, Camden, (4) Survey of Port Jackson.
106. BUTTERFIELD, G., Marrickville.
Astronomical Planispheres, Models, Diagrams, Pictures.
107. MINES, DEPARTMENT OF.
(a) Geological Sketch Map of New South Wales, from the Rev. W. B. Clarke's Map, 16 miles to the inch.
(b) Geological Sketch Map of New South Wales, from the Rev. W. B. Clarke's Map, 8 miles to the inch.
(c) Map showing part of the Tambaroora.
(d) Geological Maps of Districts of Bowenfels and Wallerawang.
(e) Publications of the Department of Mines.
(f) Professor de Köninck, Recherches, &c.
(g) C. Hakar, Feismantel—Geological Survey of India. Illustrations of the Fossil Flora of Eastern Australia.
108. HUNT, G. H., Ryde Public School, Parramatta.
Maps.
109. SEARCHFIELD, E., 43 Collins-street, Surry Hills.
Model of Port Jackson Harbour.

CLASS 17.—Cheap and Fancy Furniture.

110. FORSTER, J., & SONS, 84 Harrington-street.
Brass and Iron Bedsteads.
111. HASARTS, LOUIS, 81 Goulburn-street.
Ebonised Gilt Side-board.

CLASS 17—continued.

112. **HOLTERMANN, B. O.**, 674 George-street.
Carved Furniture.
113. **HUDSON, BROS.**, Botany Road, Redfern.
Joinery and Cabinet-work.
114. **JONES, W., & SON**, Ross-street, Glebe.
Pine-wood Book-case, dark oak mounting.
115. **MILLSON, A.**, 121½ Liverpool-street.
Furniture.
116. **WEARNE, THOS.**, 386 Sussex-street.
Fire-proof Safes.

CLASS 18.—Upholsterers' and Decorators' Work.

117. **DOUBLEDAY, Mrs. MARY**, Napier-street, Paddington.
Wax Imitations of Parian Marble.
118. **GREENHALGH, JOHN**, 11 Beaufort-street.
Wood Revolving Shutters.
119. **KEAN, J. A.**, 242 Castlereagh-street.
Table-top, imitation of inlaid wood and stone.
120. **LAWSON, JAMES**, 261 George-street.
Drawing-room Furniture.
121. **MILLSON, A.**, 121½ Liverpool-street.
Decorative Furniture.
122. **ROWE, J., & SONS**, 282 Pitt-street, Sydney.
Venetian and Wire Blinds.
123. **WINTER, LEONARD**, Newtown Road.
Ornamentation Fancy Goods in Plaster of Paris.

CLASS 19.—Crystal, Glass, and Stained Glass.

124. **ASHWIN & FALCONER**, 314 Pitt-street.
A circular-headed Stained Glass Window.
125. **CORNISH, J. C.**, Illawarra Road, Marrickville.
Bent Glass and Show Case.
126. **LYON, COTTIER, & Co.**, 179 Liverpool-street.
Specimens of Stained Glass Windows.

CLASS 20.—Pottery.

127. **BALDOCK BROS.**, London Pottery, Camperdown.
Pottery Ware.
128. **DAVIS, J.**, Campbell-street, Camperdown.
Terra Cotta Work.

CLASS 21.—Carpets, Tapestry, and other Stuffs for Furniture.

129. **ALDERSON & SONS**, 101 York-street.
Coloured Moroccos, and Roans bright and hard-grained.
Coloured Morocco, enamelled hides, bright and hard-grained.
130. **READ, J. C.**, Principal Gaoler, Darlinghurst.
Matting, Hammocks, Net-work.

CLASS 23.—Cutlery.

131. KERR, E., 508 George-street.
Improved W. & P. Sheep Shears, Tool-sharpeners, Carbonised
Steel Cutters, Tin-openers, Oyster Knives.

CLASS 24.—Goldsmiths' and Silversmiths' Work.

132. BARTLETT, SAMUEL, 42 Hunter-street.
Rings, Ear-rings and Studs, of N.S.W. Gold.
133. JONES, EVAN, 11 Hunter-street.
Gold and Silver Plate, &c.
134. JOUBERT, JULES.
Tea and Coffee Service presented to exhibitor in 1868.
135. LLOYD, H. G., Parramatta S. N. Co., King-street.
Silver Goblet presented to Lieut. William Williams, 21st Light
Dragoons.

CLASS 25.—Bronzes, and various Art Castings and Repoussé Work.

136. SMITH, R. BURDETT, Esq., M.P., Macquarie-street.
Model of Statue of Captain Cook, presented to the Exhibitor by
the Colony in recognition of his efforts in causing the erection
of the Statue from which the Model is taken.
137. HOUSE COMMITTEE OF SYDNEY INFIRMARY.
Brass Plate found at foundation of Infirmary.

CLASS 26.—Clocks and Watches.

138. SMITH, J. M., 17 Hunter-street.
Watch and Clock Wheels ; Bevelled Wheels.

CLASS 27.—Apparatus and Processes for Heating and Lighting.

139. MARSHALL, A. A., & Co., 8 Macquarie-place.
Gas-cocks.
140. PENSON, J. A., 279 Pitt-street.
Two Kerosene Sun-lights, one Kerosene Lamp.

CLASS 29.—Leather Work, Fancy Articles, and Basket-work.

141. ALDERSON & SONS, 101 York-street.
Enamelled and Morocco Gladstone Bags, Morocco Satchels,
Leather Pouches, Portfolio Cases.
142. ALEXANDER, Mrs., 48 Margaret-street.
Flowers made from Seeds and Lobster-shell.
143. HUNT, Mrs. G. H., Ryde Public School, Parramatta.
Seed-work, Shells, &c.
144. STRATTON, E., Tamworth.
Two Miniature Chairs, carved in wood.

FOURTH GROUP.—Textile Fabrics, Clothing and Accessories.

CLASS 30.—Cotton Thread and Fabrics.

145. HUMBERSTONE, LAURA, 217 Elizabeth-street.
Cushion embroidered with Crewell-work.
146. JENKINS, Mrs., Pymont.
Knitted Quilt.

CLASS 31.—Thread and Fabrics of Flax, Hemp, &c.

147. FORSYTH, R., & Co., 339 Kent-street.
Six coils of Manilla Hemp Rope.

CLASS 33.—Woollen Yarn and Fabrics.

148. HUMBERSTONE, LAURA, 217 Elizabeth-street.
Wool-work.
149. MINNIS, HELEN, St. Peter's-street, Woolloomooloo.
Antimacassar worked in Coloured Wools.

CLASS 34.—Silk and Silk Fabrics.

150. AFFLECK, THOS., Dean-street, Albury.
Reeled Silk and Cocoons in form of Cleopatra's Needle.

CLASS 36.—Lace, Net, Embroidery, and Trimmings.

151. CALVERT, MAY M., Woodlands, Marrickville.
Braces of silk, worked.
152. HAVILAND, LUCY M., 1 Enmore-terrace, Redfern.
Collar and Cuffs (tattng) of No. 100 machine cotton.
153. HUMBERSTONE, LAURA, 317 Elizabeth-street.
Lace Apron, Collar, Handkerchief, Button-hole piece.
154. HUNT, G. H., Ryde Public School, Parramatta.
Fancy-work, Embroidery, etc.
155. HUNT, Mrs. G. H., Ryde Public School, Parramatta.
Fancy-work, Embroidery, &c.

CLASS 37.—Hosiery, Under-clothing, Accessories of Clothing.

156. ALDERSON & SONS, 101 York-street.
Patent Leather Leggings, Patent Spring and Buckle.
157. HUNT, Mrs. G. H., Ryde Public School, Parramatta.
Knitted Stockings and Gloves.
158. MAGRATH, PATRICK, Yass.
Knitted Woollen Gloves.

CLASS 38.—Clothing for both sexes.

159. ALDERSON & SONS, 101 York-street.
Colonial-made Boots and Shoes; Goat, Kangaroo, Kid,
Enamelled, and Patent Leathers.

CLASS 38—continued.

160. GILLESPIE, C., Goulburn.
Ladies', Men's, and Children's Boots and Shoes ; Lawn Tennis
made Boots.
161. TAYLOR, E., & Co., 22 York-street.
Boots and Shoes.
162. WEST, ALEX., 44 Cleveland-street, Darlington.
Copper Toe-tips for Children's Boots.

CLASS 39.—Jewellery and Precious Stones.

163. ALONSO, SALVADOR, Dowling-street.
Process of manufacturing Imitation Jewellery ; Jewellery so
manufactured.
164. ALTMAN, L. J., 277 Pitt-street.
Fancy made Silver Trinkets.
165. MOONEN, LEO, Lambert-street, Camperdown.
Colonial Gold, Enamel, and other Jewellery.

CLASS 41.—Travelling Apparatus and Camp Equipage.

166. ALDERSON & SONS, 101 York-street.
Telescope Trunks, Railway Portmanteaus of various kinds—
Solid and Patent Leather ; Valises of Brown and Patent
Leather.

CLASS 42.—Toys.

167. ALTMAN, L. J., 277 Pitt-street.
"Digitine" for Athletes ; Cricketing and Lawn Tennis goods.
168. KERR, E., 508 George-street.
Mechanical and Scientific Toys.
169. LASSETTER, F., & Co., 417 George-street.
Roller Skates, comprising "Belgrave," "Champion," "Plimpton,"
"Plimpton Improved," fitted with wood, bone, and brass wheels ;
Indian Clubs ; Skittles of Colonial Wood.

**FIFTH GROUP.—Raw and Manufactured
Products.**

**CLASS 43.—Products of the cultivation of Forests, and of the Tradesappertaining
thereto.**

170. CLARENCE RIVER GROUP.—T. PAGE, Grafton.
Fifty specimens of Timber grown in the District — Iron-bark,
Scrub Box, Stringy-bark, Rose-wood, White-wood, Swamp
Oak, Grey Iron-bark, Forest Mahogany, Bastard Myall,
White Cedar, Cork-tree, the Oak, &c.
171. CRAWFORD, A. R., Moona Plains, Walcha.
Gums and Resins.

CLASS 43—continued.

172. MINES, DEPARTMENT OF.

- (1) Collection of samples of Woods of New South Wales.
- (2) Davis, Thos., Terrigal Saw-mills, Brisbane Water.
Turpentine Wood, portion of Wharf structure after 8 years immersion.
- (3) Myers, F., North Shore.
Gum of the Grass-tree (*Xanthorrhæa*) and Varnish made therefrom,
- (4) Lucas, John, Esq., M.P., Camperdown.
Samples of durable Timber of New South Wales.

173. FAGAN, W., 65 Riley-street, Woolloomooloo.

Graining imitations of Woods and Marbles of various descriptions.

174. FIELD, H. H., 105 Clarence-street.

Collection of Mounted Ferns.

175. MAGRATH, PATRICK, Yass.

Specimens of Timber.

176. MILTON, H. M., 4 York-terrace, Balmain.

Cork, in various stages from raw to manufactured.

CLASS 44.—Products of Hunting, Shooting, Fishing, and Spontaneous Products. Machines and Instruments connected therewith.

177. AUSTRALIAN MUSEUM.—E. P. RAMSAY, Curator.

- (1) Collection of Australian Birds, Paradise Birds, Bower Birds, Cat Birds, and Thrushes.
- (2) New South Wales Lyre Birds, with young, nest and eggs.
- (3) Collection of Food Fishes of Port Jackson and adjacent coast.

178. BRAY, J. S., 263 George-street.

150 specimens of Birds.

CLASS 45.—Agricultural Products not used for Food.

179. CAMPBELL, D. H., Cunningham Plains.

Sheep Burnett, *Poterium sanguisorba*

180. CHARD, W. H., & Co., Macquarie-place.

Samples of Wood.

181. CLARENCE RIVER GROUP.—T. PAGE, Grafton.

Cigars from leaf grown in the District. Cotton grown in the District from New Zealand Flax. Tobacco Leaf prepared for manufacture.

182. KING, P. G., Esq., Peel River Company, Tamworth.

Wool.

183. SAMUEL, Hon. SAUL, C.M.G., 3 Spring-street.

Glue made from Sheep's Felts and pieces of Ox Hides.

CLASS 46.—Chemical and Pharmaceutical Products.

184. ALTMAN, L. J., 277 Pitt-street.

Cement for Glass and China.

185. BARRATT & Co., Buckingham-street.

Aerated Waters, Cordials, &c., Balsam of Aniseed.

CLASS 46—continued.

186. BRIERLY, G., & Co., Botany.
Gelatine and Glue.
187. DAVIES, W., Goulburn.
Dr. Waugh's Baking Powder.
188. GIBSON, G. W., 27 Foveaux-street, Surry Hills.
Odontalgic Essence.
189. GREGAN & Co., 497 George-street.
Pure India-rubber Stamps, Seals, Signatures, and Crests.
190. HOLTERMANN, B. O., 674 George-street.
Furniture Polish, Holtermann's Life Drops.
191. HUDSON BROS., Botany Road, Redfern.
Non-poisonous Paint.
192. ICKE, CONRAD, Wickham, Newcastle.
Pure Soldering Liquid.
193. KERR, E., 508 George-street.
Cement for Veneers, Cabinet-work, and Household Purposes.
194. MULCAHY, J. & J., Regent-street, Redfern.
Toilet and other Soap. Candles.
195. ORCHARD, ALFRED, 145 Cleveland-street.
Exhibition Cement and Marking Ink.
196. PEATE, LAWRENCE, George-street, Bathurst.
Baking Powder.
197. POTTIE, JOHN, 215 Elizabeth-street.
Patent Medicines.
198. SAUNDERSON, M., 55 Point-street, Pyrmont.
Bonanza Cleansing Cream.
199. SCHWEPPE, JACOB, & Co., 62, Margaret-street.
Mineral Waters. Non-competitive.
200. STARKEY, JOHN, 156 Phillip-street.
Aerated Waters.
201. WATSON & YOUNG, Albury.
Aerated Waters.

CLASS 47.—Chemical Processes for Bleaching, Dyeing, Printing, and Dressing.

202. HOLTERMANN, B. O., 674 George-street.
Leather-dressing.

CLASS 48.—Leather and Skins.

203. ALDERSON & SONS, 101 York-street.
Sole, Wax, Kip, Harness, Stirrup, Mill-belt, Lacing, and other
Leathers.
204. EWINGTON, E. R., 108 Phillip-street, Waterloo.
Sausage skins, Rennets (Calf's) for Cheese-makers.
205. FORSYTH, J., & SONS, 17 George-street, West.
Leather of various kinds, Kips, Tweed.
206. WATSON, G. C., Mitchell's Road, Alexandria.
Patent and Enamelled Leathers.

SIXTH GROUP.—Machinery, Apparatus and Processes used in the Mechanical Industries.

CLASS 49.—Agricultural Implements and Processes used in the Cultivation of Fields and Forests.

207. DRYSDALE & ROBERTS, 397 George-street.
Automatic Pump.
208. FORSYTH, JOHN, Ryde Bone Mills.
Bone-dust, and Bone and Animal Manure.
209. MANNERS, JOHN, Taree, Manning River.
One Double-wheeled Plough. One Corn-sheller.
210. WOLSELY, T. G., Eureka, Walgett.
Earth-scoop.
211. WRIGHT, JOHN, 377 Sussex-street.
(1) Two-horse Plough, (2) One-horse Plough, (3) Heavy Land Two-wheel Plough, (4) Expanding Horse-hoe or Scarifier, with seven steel feet and seven wheels, (5) Set of Whipple Trees, (6) Set of Zigzag Harrows with draft bar.

CLASS 50.—Apparatus and Processes used in Agricultural Works, and in Works for the Preparation of Food.

212. BRYERLEY, G., & Co., Botany.
Gelatine used in Preparation of Food.
213. JOHNSTON, W. J., 120 Gipps-street, Surry Hills.
Two Colonial Ovens.
214. LEWIS, CHARLES, 173 Phillip-street.
Patent Steam Cooking Apparatus.
215. SMITH & HAMILTON, Sussex-street.
Soda-water, Machinery, and Fountain.
216. WARREN, W., Eden, Twofold Bay.
Oscillating Cylinder Churn, without a dash.

CLASS 52.—Machines and Apparatus in general.

217. ALDERSON & SONS, 101 York-street.
Machine Belts, Hose Leather, Fire-buckets, solid leather and riveted.
218. FOSTER, S., & SONS, 84 Harrington-street.
Mackenzie's Patent Differential Compound Steam-engine.
219. HACK, H. J. C., 74 Bay-street, Glebe.
Electric Machine for doing away with Quicksilver and Acid.
220. KNIBBS, J. H., Municipal Stores, Market Wharf.
Leather Mill Belting, Fire-engine Hose, Laces, Fastenings, &c.
221. MARSHALL, A. A., & Co., 8 Macquarie-place.
Couplings, Brass Castings, Patent Window-fastenings.
222. MORT'S DOCK COMPANY.
12 h.p. nominal, non-condensing, compound Launch Engines.
Shaft of s.s. "Maitland."
223. SMITH & HAMILTON, Sussex-street.
Gas Machinery, Plumbers' and Engineers' Work.
224. WARREN, W., Eden, Twofold Bay.
Compressor Washing Machine.

CLASS 53.—Machine Tools.

225. DRYSDALE & ROBERTS, 397 George-street.
Togle Riveter, Horizontal Engine, Drilling Machine, Shearing
Machine, Swing Cut-off Saw.
226. LASSETTER, F. & Co., 417 George-street.
Pyramid or Trophy of Grindstones.
227. MILHAM, R. & SONS, Brickfield Hill, George-street.
Saws and Tools, Plasterers' Trowels, Joint Rules, Chaff and
Machine Knives.

CLASS 57.—Apparatus and Processes used in the Manufacture of Furniture, and
Objects for Dwellings.

228. MILLSON, A., 121½ Liverpool-street.
Turnery for Builders.
229. TALL, G., 268 Pitt-street.
Locks, Saws, and Plasterers' Tools.

CLASS 58.—Apparatus and Processes used in Paper-making, Dyeing, and
Printing.

230. BAILEY CHAS., 512 George-street.
The Bailey Model Printing Press.
231. WILLIAMS & MURRAY, Collingwood Paper Mills, Liverpool.
Various Papers in Reams and Reels.

CLASS 59.—Machines, Instruments, and Processes used in Various Works.

232. BARRATT & Co., Buckingham-street.
Patent Stoppers for Bottles.
233. JONES, EVAN, 11 Hunter-street.
Stamping Press for Medals.
234. STEVENS, JAS., Darling Point.
Machine newly designed and made for Bottling Aerated Waters.

CLASS 60.—Carriages and Wheelwrights' Work

235. ANGUS, W. T., 101 Castlereagh-street.
Two "Angus" Buggies, first and second class..
236. DRYSDALE & ROBERTS, 397 George-street.
Buggy Hood.
237. FITZGERALD & COLLINS, 209 Castlereagh-street.
Sociable Cubunder Buggy, Hampshire Buggy, Patent Safety
238. HAINING & SCHIMMEL, 207 Castlereagh-street.
"Livingstone," or C Spring Buggy ; 2 Cab Wheels.
239. KEARY BROS., 252 Pitt-street, Sydney.
Buggy.
240. MARSHALL, 147 Palmer-street.
Battlesden Car.
241. RISTOUL, R., 147 Palmer-street.
Two-wheeled Car, in varnished wood.

CLASS 61.—Harness and Saddlery.

242. ALDERSON & SONS, 101 York-street.
Carriage and Buggy Harness, Collars, Saddles, Bridles, &c.
243. DADD, E., 117 Darlinghurst Road.
Horseshoes of various kinds.
244. M'EACHARN, J. T., Albury.
Horseshoes.

CLASS 62.—Railway Apparatus.

245. COMMISSIONER FOR RAILWAYS.
(1) Gjedsted's Tramway Rail, and chair, designed for heavy steam traffic in streets ; (2), one set of "G. J. Evans' Patent self-acting Tramway Points," suitable for horse and steam traffic ; (3) Model of Lithgow Valley Railway or Zigzag.
246. HUDSON BROS., Botany Road, Redfern.
Sleeping-car, Tram-car.
247. ICKE, CONRAD, Wickham, Newcastle.
Locomotive Side Valves, Phosphor Bronze Bearings, one pair.
248. WEARNE, THOS., 386, Sussex-street.
Tram-car, Patent Chilled Wheels and Axles.

CLASS 63.—Telegraphic Apparatus and Processes.

249. Telegraphic, Philosophical, and Scientific Instruments and Torpedo Apparatus, exhibited by the SUPERINTENDENT OF TELEGRAPHS, Sydney, N. S. Wales.

Telegraphic Apparatus :

Sir Charles Wheatstone's original 5-needle Telegraph.

Highton's Single-needle Electric Telegraph.

Henley's Single-needle Magnetic Telegraph.

Henley's Double-needle Magnetic Telegraph.

Collection of Morse Telegraphic Apparatus from the earliest period to the present time.

Sir Charles Wheatstone's Automatic System, comprising Transmitter, Receiver, Key, Galvanometer, Shunt, and Perforator, 2 sets

Automatic Translator for the above, comprising Relays, Galvanometers, Switches, Sounder, Keys, Receiver, &c.

Sir Charles Wheatstone's Alphabetical Instrument (latest pattern).

Siemen's Cylinder Transmitter and Morse Receiver.

Siemen's Alphabetical Instrument.

G. M. Phelps' Type Printers.

Gold and Stock Type Printers.

Gray's Type Printers.

Milliken's Automatic Single Current Repeater.

Cowper's Writing Telegraph.

Collection of Commutators or Switches and Lightning Arresters, made and used in the New South Wales Department.

Sir William Thompson's Differential Mirror Galvanometer and Scale.

Sir William Thompson's Mirror Galvanometer (simple).

Sir William Thompson's Quadrant Electrometer and Replenisher.

Gold Leaf Electroscope.

Siemen's Universal Galvanometer.

Weber Differential, Bifilar Suspension Mirror Galvanometer.

Wheatstone's Bridge set of Resistance Coils in Ohm Units.

Combined Galvanometer and Pair.

Telescope and Divided Scale for reading Reflected Index.

Preeces Railway Block System.

Dynamo Machine, Ladd's pattern.

Electro Magnetic Pumps, Engines, &c.

Miscellaneous Apparatus :

Powerful Induction Coil, giving 14-inch spark in air, by Rhumkorff, of Paris.

Ebonite Plate with Zinc Filings, illustrating Lightning Discharge.

Gassiot's Cascade.

Delarive's Electric Egg Experiment.

Collection of Vacuum Tubes, Simple and Compound, including some of Crooke's Radiation Experiments, Aluminium and Fluorescent Media.

Induction Coils (2), made by G. A. Kopsch, Mechanician to the Department.

CLASS 63—continued.**249. SUPERINTENDENT OF TELEGRAPHS—continued.**

Miscellaneous Apparatus—continued.

Nobili and Mellonis Cube Thermopile.

Mellonis Thermopile and Screens for Radiant Heat Experiments.

Volta's First Pile.

Delakive's Floating Battery.

Apparatus for the Decomposition of Water.

Ampère and Ritchie's Apparatus, showing the reciprocal action of Magnets and Currents.

Oersted's Magnetic Needle.

Coil, illustrating Electro Magnetic and Magneto Electric induction.

Solenoid.

Jamin's Laminated Permanent Magnet.

Permanent Magnet and Revolving Wheel, descriptive of polar attraction.

One pair each of Daniels's, Grove's, Bunsen's, Callan's, Meidinger's, Leclanches's, Grenet's, and Fuller's Elements.

Torpedo Apparatus :

Shutter Apparatus for Firing Electro Contact Mines.

Arcs for Firing Mines by Observation.

Table of Apparatus for testing Torpedo Cables and Mines.

Buoy with Circuit Closer in position for mooring.

Circuit Closers detached from Buoy.

Junction Box with Disconnecter attached.

Disconnecter.

Torpedo Case, 250 lbs. charge.

Fuzes.

Siemen's Dynamo Machine.

Siemen's Lamp.

Holophoke with Fresnel Catadioptric Lenzo.

Parabolic Field Reflector.

Lime Light Signalling Lamps.

Hand Signalling Lamps.

Leclanches Battery for Firing Mines.

250. SMITH, J. M., 17 Hunter-street.

Scape or Pallet Wheels for Telegraph Instruments.

CLASS 64.—Apparatus and Processes of Civil Engineering, Public Works, and Architecture.**251. GARDNER, JAS., Young.**

Patent Keyless Lock for Safes.

252. MARSHALL, A. A., 8 Macquarie-place.

Water Cocks.

253. PALMER, HERBERT, Railway Department.

Model of Centre Span of Railway Bridge over River Macquarie, Bathurst.

CLASS 64—continued.

254. **PARROT, J. S.**, 57 Pitt-street.
Plans, Section, and Elevation of proposed High Level Girder Bridge to connect Sydney with North Shore.

CLASS 65.—Apparatus and Processes for Navigation and Life-saving.

255. **BUCKINGHAM, W.**, 90 Forbes-street, Woolloomooloo.
Model of Ten-ton Yacht; scale, 1 inch to the foot.
256. **KINNERMANN, E.**, Little Stephen-street, Balmain.
Sailing Boat.
257. **MARSHALL, A. A., & Co.**, 8 Macquarie-place.
Port Light for Ships. Diving Gear.
258. **MORT'S DOCK COMPANY.**
Model of "Governor Blackall," "Ajax," "Thetis," and other vessels built by the Company.
259. **O'DWYER, E.**, 601 Bourke-street, Sydney.
Model of an Invention for Self-adjusting Feathering Floats of Paddles of Steam-ships.
260. **STEPHENSON, M. & SON**, 19 Princes-street.
Oars, Sails, and Steering Gear.

SEVENTH GROUP.—Alimentary Products.

CLASS 67.—Cereals, Farinaceous Products, and Products derived from them.

261. **BROWN, J. D.**, care of Wells & Smith, Bros., 699, George-street.
Wheat.
262. **CLARENCE RIVER GROUP.—T. PAGE**, Grafton.
Maize grown in District, nine specimens, viz., Large Yellow, New Zealand, Small Maize, Earliest, Tuscaroora, Hogan, Large Hawkesbury, Golden Drop, White Soft. Maize in husk, 12 cobs, Maize Stalks with cob (12). Maize Meal from common Maize. Arrowroot. For Cattle Food—Millet, New Egyptian; Broom Millet, Sorghum.

CLASS 67—continued.

263. COLE, W. & SONS, Fullerton Farm, Tomago.
Manufactured Arrowroot.
264. CONNELL, JAS., Down Hill, Yass.
English and Cape Barley, Wheat, Oats, Rye.
265. DAVIES, G., for Hawkesbury District.
Maize Trophy—the Maize grown by J. J. Dunster, J. J. Gosper,
J. Onus, T. Gather, junr., J. Geehen, B. Conlon, of the
Hawkesbury District.
Wheat and other Cereals.
266. FAINT, G., Spring Valley, Armidale.
White Wheat, Red Wheat, Mammoth Rye, Oats one bushel;
50 lbs. Flour, 50 lbs. Rye Flour.
267. LAWRIE, A. T., Rawdon Vale.
Arrowroot.
268. MANNING, JAMES, Bega.
Farm Produce.
269. MUNN'S MAIZENA COMPANY, Merimbula.
Maizena.
270. WADE, JOHN & Co., 7 King-street
Corn-flour and Starch.

CLASS 69.—Fatty Substances used as Food. Milk and Eggs.

271. CANDELO BUTTER COMPANY.—W. F. HARRIS, 2 King-street.
Butter in Tins and Jars, preserved to keep in Tropical Climates.
272. KIAMA & GERINGERY MILK CONDENSING, BUTTER &
CHEESE COMPANY (Limited).
Condensed Milk.
273. MANNING, JAMES, Bega.
Farm Produce.

CLASS 70.—Meat and Fish.

274. MANNING, JAMES, Bega.
Farm Produce.

CLASS 71.—Vegetables and Fruits.

275. BURDEKIN, SYDNEY, Macquarie-street.
Potatoes.
276. CLARENCE RIVER GROUP.—T. PAGE, Grafton.
(1.) Specimens of Sugar-cane grown in the District—Merro, Rappoe, Yellow and Green, Salingore (2), Light Purple, Violet, Moore's Purple China, Ribbon, Oak Purple, Grey Fijian, Black Java, Jeroboam, Rose Bamboo, Queensland Bamboo.
(2.) Potatoes grown in the District—Snowflake, Alpha, Early Rose, Ruby Long, Peerless, Pink Eyes, Sweet Potatoes, Yams.
(3.) Pumpkins grown in the District—Common Cattle, Six Weeks' Cattle, American Pears, Grammas (3), Table Pumpkins (17), Custard Marrows (2), Vegetable Marrows (3), Preserving Melons (2).
(4.) Preserves from Fruit of the District—Apricot, Plum, Cape Gooseberry, Orange Marmalade, Peaches, Loquats, Oranges.
(5.) Pickles—Peaches, Gherkins, Cauliflower, Chilies, Mixed, Onions, Cucumbers, French Beans.
277. DAVIES, G., for Hawkesbury District.
Pumpkins.
278. GIRAUD, L., 1 Demestre-place, George-street.
Preserved Fruits.
279. SCOTT, W., Corrowong Creek, Murrumburrah.
Fruit.

CLASS 72.—Condiments and Stimulants, Sugar and Confectionery.

280. CLARENCE RIVER GROUP.—T. PAGE, Grafton.
(1.) Sugar, 1st quality, open pan boiling. Sugar, 2nd quality, open pan boiling.
(2.) Jams and Jellies—Tomata, Melon, Rosella, Guava, Rosella.
281. COLONIAL SUGAR REFINING COMPANY.
Sugar.
282. GIRAUD, L., 1 Demestre-place, George-street.
English and French Confectionery.
283. MONK, D. J., 275 Sussex-street.
Pure Malt and Wine Vinegar, free from adulteration or acid.
284. STARKEY, JOHN, 156 Phillip-street.
Cordials.

DIVISION I.—Natural Wines,

Blended and not Blended.

CLASS 73.—Fermented Drinks.

Vignerons.	Locality.	No.	Date of Vintage.	Name of Grape or Grapes from which the Wine was made.	Name of Wine.	Colour.	Character, whether light or full-bodied.	Strength in Proof Spirit (if known).	Age of Vines.	Nature of Soil, and every other information, such as Aspect, Elevation, &c. Number of Acres under cultivation of each kind.	How cultivated.	Selling price per gallon at the Vineyard, in bulk and bottle.
285. Bouffier, F.	Hunter River	1	Mar., 1876	Pineau	Pineau	Amber or white.	Light, dry	22	Years. 7	Yellow clay, with light sandy surface; lies on the slope of a little rise. From 10 to 15 acres under cultivation	The ordinary way	25s. per doz., 8s. per gal.
"	"	2	Mar., 1878	Madeira	Madeira	White.	"	About 21	"	Sandy; gravel bottom. 6 acres under cultivation	"	21s. " 6s. "
"	"	3	Mar., 1876	Hermitage	Hermitage	Red	Full-bodied	23	" 8	Sandy. 10 acres under cultivation	"	15s. " 5s. "
"	"	4	1878	"	Claret	"	Light	21	" 5	Sandy soil. 4 acres under cultivation	"	12s. " 4s. "
286. Brecht, Carl	Rosemount, Denman	"	1877	"	"	"	Full-bodied	25	" 9	Black sand loam	Plough and hoe	7s. per gal.
"	"	"	1878	Pineau	Pineau	White.	Light	24.5	"	"	"	6s.
"	"	"	1877	Hermitage	Hermitage	Red	Full	27.7	"	"	"	7s. 6d. per gal.
"	"	"	1877	Reisling	Reisling	White.	"	25	"	"	"	6s.
287. Buchholtz, Fredk.	Mudgee	"	1876	Hermitage	Hermitage	Red	Full-bodied	"	10	Red; slate bottom. Easterly aspect. Elevated	Plough and trenched	Bulk 18/ per gal.; bottle, 20/
"	"	"	1875	Muscatel	Muscatel	"	fruity	"	12	"	"	"
"	"	"	1876	Verdeilho	Verdeilho	White.	"	"	10	"	"	" 13/ " 15/
"	"	"	1878	Reisling	Reisling	"	Full-bodied	"	13	"	"	" 8/ " 10/
288. Carmichael Bros.	Williams River	1	1875	Madeira	Porphyry	"	Light	20-329	From 9 to 30	Alluvial, clay subsoil, N.E. and S.E. aspect, 7 acres Madeira, 14 acres Reisling, 3 acres Black Hermitage	Plough between rows, hoe around the stocks	10s.
"	"	2	1876	"	"	"	"	20-854	"	"	"	"
"	"	3	"	Reisling	"	"	"	17-349	"	"	"	6s.
"	"	4	1877	Reisling & Madeira.	"	"	"	22-256	"	"	"	"
289. Davies, A. E., & Co.	Mount Huntley Vineyards, Lochinvar, Hunter River District	"	"	Shiraz	Shiraz	"	"	Strength not known	15 to 20	Rich black red limestone and low sandy. Aspect S.E. and N.E. 35 acres of vines	With plough, shim, and hoe	3s. 6d. per gal. 20s. per doz.
"	"	"	1876	Shepherd's Reisling	S. Reisling	"	"	"	"	"	"	3s.
"	"	"	1877	German Reisling	G. Reisling	"	Full-bodied	"	"	"	"	4s. per gal.
"	"	"	"	Madeira	"	"	"	"	"	"	"	"
"	"	"	1879	Pineau Blanc	Pineau	"	"	"	"	"	"	"
"	"	"	1876	Shiraz, G. Reisling, and Tolle Blanc.	Blend	"	"	"	"	"	"	3s.
"	"	"	"	Hermitage	Hermitage	Red	Light	"	"	"	"	20s. per doz.
"	"	"	1879	"	"	"	Full-bodied	"	"	"	"	6s. per gal.
"	"	"	"	Petit Virdot	P. Virdot	"	"	"	"	"	"	7s.
"	"	"	"	Gros Virdot	G. Virdot	"	"	"	"	"	"	4s.
"	"	"	"	Hermitage	Hermitage	"	"	"	"	"	"	"
290. Doyle, Jas. F.	Kaludah	1	1875	"	Kaludah	"	Light	"	30	Rich loam sand	Plough and scarifier	21s. per doz.
"	"	2	1876	"	"	"	"	"	17	Chocolate soil	"	"
"	"	3	1877	"	"	"	"	"	"	"	"	"
"	"	1	1876	Verdeilho & Shiraz.	"	White	"	"	"	Chocolate soil, with western aspect	"	"
"	"	2	"	"	"	"	"	"	30	Rich loam sand	"	"
"	"	3	1877	Verdeilho	"	"	"	"	17	Chocolate soil, with limestone subsoil	"	"
291. Drinan, J. J.	The Hunter	"	1880	Black Hermitage	Hermitage	Red	"	"	6	Chocolate. High, sloping S.W. 3 acres	Ploughed twice a year	3s. per gal. in bulk, 12s. per doz.
292. Fallon, James T.	Murray Valley and Albury	1	1872	Tokay Grape	Tokay	White.	Light	25	10 to 18	Chocolate soil, with limestone or cement subsoil, intermixed with quartz	Plough trenched, about 20 inches deep	Bulk, 7/ per gal.; bottle, 21/ per case.
"	"	2	1868	"	"	"	"	"	"	"	"	The 1868 wines, 30/ per case.
"	"	3	1872	Reisling Grape	Reisling	"	Full-bodied	26	"	"	"	"
"	"	4	1868	"	"	"	Light	"	"	"	"	"
"	"	5	"	Shiraz Grape	Shiraz	Red	Full-bodied	30	"	"	"	"
"	"	6	"	Hermitage Grape	Hermitage	"	"	27	"	"	"	"
"	"	7	"	Burgundy Grape	Burgundy	"	Medium	26	"	"	"	"
"	"	8	1875	Tokay and Reisling	Champagne	White.	Dry	20	"	"	"	55/ per case; bulk, 10/; case, 30/ wholesale.
"	"	9	1868	Shiraz and Carbinet	Port	Red	Fruity	32	"	"	"	4/ per gal.
293. Fenn, J. J.	Port Macquarie	"	1879	Isabella	Isabella	"	Full	"	9	Chocolate, ironstone, East and South; 100 ft. above sea level. About 3 1/2 acres	Ploughed yearly about May; horse-hoed about 6 times yearly.	"
294. Gow, John	Mulgrave, near Windsor	"	1878	"	Tokay	"	Full-bodied	"	12	Loamy and heavy land	"	10/ per doz.
"	"	"	"	"	Grenache	Straw.	"	"	"	"	"	12/ "
"	"	"	"	"	Traminer	Red	Light	"	"	"	"	10/ "
295. Greer, W. E., & Co.	Albury	1	1873	Shiraz	Shiraz	Red	Full-bodied	30	"	Loamy soil	"	"
"	"	2	1875	"	"	"	"	29	"	"	"	8/ "
"	"	3	1874	Burgundy	Burgundy	"	"	28	"	"	"	10/ "
"	"	4	"	Carbinet	Carbinet	"	"	27	"	"	"	"
"	"	5	1875	Verdeilho & Malbec	Malaga	White.	"	29	"	"	"	8/ "
"	"	6	"	Muscatel	Muscatel	"	"	29	"	"	"	"
"	"	7	"	Verdeilho	Verdeilho	"	"	29	"	"	"	"
"	"	8	"	Aucarot	Aucarot	"	"	30	"	"	"	10s. per gal.
"	"	9	1876	Malbec	Malbec	Red	"	29	"	"	"	8s. per gal.
"	"	10	"	Reisling	Reisling	White	"	"	"	"	"	"
"	"	11	"	Muscat & W. Shiraz	Muscat	"	"	"	"	"	"	"
"	"	12	1877	Tokay	Tokay	"	"	30	"	"	"	"
"	"	13	1876	Carbinet	Carbinet	Red	"	23	"	"	"	"
"	"	14	"	Shiraz	Shiraz	"	"	29	"	"	"	"
296. Hill, John	Hannahton, Whittingham, near Singleton	"	1879	Virdot	Virdot	"	Light	"	12	Red loam on hilly ground	Plough, harrow, scarifier, and hoe.	In bulk from 2/6 per gal.
"	"	"	"	Claret	Claret	"	"	"	"	"	"	"
"	"	"	"	Reisling	Reisling	White	"	"	"	"	"	"

DIVISION I.—Natural Wines,

Blended and not Blended.

CLASS 73—continued.

Vignerons.	Locality.	No.	Date of Vintage.	Name of Grape or Grapes from which the Wine was made.	Name of Wine.	Colour.	Character, whether light or full-bodied.	Strength in Proof Spirit (if known).	Age of Vines.	Nature of Soil, and every other information, such as Aspect, Elevation, &c. Number of Acres under cultivation of each kind.	How cultivated.	Selling price per gallon at the Vineyard, in bulk and bottle.
296. Hill, John	Hannahton, Whittingham, near Singleton	1	1880	Reisling	Reisling	White	Full-bodied sweet	.....	Years. 12	.....	Plough, harrow, scarifier and hoe.	.....
"	"	2	"	R. Hermitage	Hermitage	Red	"	.....	"	.....	"	.....
297. Jack, David	Inverell	1	1878	Pineau noir	Pineau	"	Full-bodied	Not known.	10	Black soil	By ploughing	7s. 3/4 gal.
"	"	2	"	Hermitage	Hermitage	"	"	.....	6	Red soil	"	"
"	"	3	"	"	"	"	"	.....	"	"	"	"
"	"	4	"	Shiraz	Shiraz	White	"	.....	10	Black soil	"	"
"	"	5	1876	"	"	"	"	.....	6	"	"	"
"	"	6	1878	Malbeck or Claret	Malbeck or Claret	Red	"	.....	6	Red soil	"	"
"	"	7	1876	Hermitage	Hermitage	"	"	.....	10	Black soil	"	8s. 3/4 gal.
"	"	8	"	Madeira	Madeira	White	"	.....	"	"	"	"
"	"	9	1878	"	"	"	"	.....	"	"	"	"
"	"	10	1877	"	"	"	"	.....	"	"	"	"
"	"	11	1879	Shiraz	Shiraz	"	"	.....	"	"	"	7s. 3/4 gal.
"	"	12	"	Madeira	Madeira	"	"	.....	"	"	"	"
"	"	13	"	Hermitage	Hermitage	"	"	.....	"	"	"	"
"	"	14	"	Red Hermitage	Kirkton	Red	"	.....	"	"	"	"
298. Kelman, Jas.	Kirkton Vineyards, Hunter River	1	1876	Red Hermitage	Kirkton	"	Medium	.....	15 to 40	Sandy loam. Aspect, south-easterly. Gentle undulations	By horses with plough, harrows, &c., &c.	21s. 3/4 doz. qts.
"	"	2	1875-6	"	"	"	Claret	.....	"	"	"	"
"	"	3	1877	"	"	"	Full	.....	"	"	"	4s. 6d., 15s.
"	"	4	1878	"	"	"	Claret	.....	"	"	"	7s., 30s.
"	"	5	1876	"	"	"	Full	.....	"	"	"	4s. 6d., 15s.
"	"	6	1878	"	"	"	Claret	.....	"	"	"	"
"	"	7	"	"	"	"	"	.....	"	"	"	"
"	"	8	"	"	"	"	"	.....	"	"	"	"
"	"	9	1879	"	"	"	"	.....	10	Limestone ridges, 500 ft. above the sea. Aspect, easterly	"	3s. 6d., 12s.
"	"	10	"	"	"	"	"	.....	"	"	"	"
"	"	11	"	"	"	"	"	.....	"	"	"	"
"	"	12	1872	Verdeilho and Blanquette	"	White	Medium	.....	15 to 40	Sandy loam. Aspect, south-easterly. Gentle undulations.	"	30s. 3/4 doz. qts.
"	"	13	1873	Blanquette	"	"	Hock	.....	"	"	"	21s.
"	"	14	1875	Verdeilho	"	"	Medium	.....	"	"	"	30s.
"	"	15	1876	Shiraz & Blanquette	"	"	Hock	.....	"	"	"	21s.
"	"	16	"	Verdeilho	"	"	Medium	.....	"	"	"	7s. 3/4 gal., 21s. 3/4 doz. qts.
"	"	17	"	W. Hermitage	"	"	Light	.....	"	"	"	4s. 6d., 15s.
"	"	18	"	Reisling	"	"	"	.....	"	"	"	"
"	"	19	"	Blend	"	"	"	.....	"	"	"	"
"	"	20	1877	W. Hermitage	"	"	Medium	.....	"	"	"	7s., 21s.
"	"	21	"	Verdeilho and W. Hermitage	"	"	"	.....	"	"	"	"
"	"	22	1879	Reisling	"	"	Light	.....	"	"	"	3s. 6d., 12s.
"	"	23	"	Verdeilho	"	"	"	.....	"	"	"	4s. 6d., 15s.
"	"	24	1877	Reisling	"	"	"	.....	"	"	"	"
"	"	25	1878	Verdeilho	"	"	"	.....	"	"	"	7s., 21s.
"	"	26	"	W. Hermitage	"	"	"	.....	"	"	"	4s. 6d., 15s.
"	"	27	"	Pineau and Reisling	"	"	"	.....	"	"	"	"
299. Klaus, Valentine	Grafton, Clarence River	1	1877	Reisling	Reisling	"	Full-bodied	.....	7	Black soil. 2 1/2 acres	Hand	6s.
"	"	2	"	Burgundy	Burgundy	Red	"	.....	"	"	"	"
300. Macarthur, J. & W.	Camden Park	1	1876	Reisling	Reisling	White	Light	.....	"	"	"	"
"	"	2	"	Varron	Red Camden Park	Red	"	.....	"	"	"	"
301. Meyer, S. A.	Corowa, River Murray, Hume District.	1	1877	Shiraz and Malbec	"	"	"	23.4	18	Red clay. 27 acres	Horse labour	4/6 gallon in bulk at the vineyard.
"	"	2	"	Acarot and Tokay	"	White	"	23.2	"	"	"	"
302. Munro, Alex.	Bebeah, near Singleton	1	"	Verdeilho	Verdeilho	"	Full-bodied	.....	11	Rich loamy	With plough, scarifier, harrow, and hoe	18/3 doz. qts., 6/6 gal.
"	"	2	1876	Shiraz	Shiraz	"	"	.....	17	"	"	"
"	"	3	"	Pineau and Reisling	"	"	"	.....	"	"	"	"
"	"	4	"	Pineau	"	"	Light	.....	"	"	"	15/ "
"	"	5	1878	Reisling	"	"	Full-bodied	.....	"	"	"	18/ "
"	"	6	"	"	"	"	Light	.....	"	"	"	6/ "
"	"	7	"	"	"	"	"	.....	"	"	"	6/ "
"	"	8	1877	Pineau	"	"	Full-bodied	.....	12	"	"	"
"	"	9	1878	"	"	"	Light	.....	11	Rich loam. Area, each kind—Verdeilho 4 acres, Shiraz 12 acres, Reisling 6 acres, Pineau 8 acres, White Hermitage 2 acres	"	15/ "
"	"	10	"	Verdeilho	"	"	Full	.....	17	Northerly aspect. Total acreage in cultivation, 64 acres	"	18/ "
"	"	11	1879	Shiraz	"	"	Light	.....	"	"	"	5/ "
"	"	12	"	"	"	"	"	.....	"	"	"	"
"	"	13	"	Verdeilho	"	"	"	.....	"	"	"	"
"	"	14	"	Reisling	"	"	"	.....	"	"	"	"
"	"	15	1880	White Hermitage	"	"	"	.....	"	"	"	25/ "
"	"	16	"	Reisling	"	"	Full, sweet	.....	"	"	"	18/ "
"	"	17	1877	White Hermitage	"	"	Full-bodied	.....	"	"	"	6/6 "
"	"	18	"	Hermitage	"	Red	"	.....	"	"	"	"
"	"	19	1876	Burgundy	"	"	"	.....	"	"	"	"
"	"	20	1877	Hermitage	"	"	Light	.....	"	Loamy. Aspect northerly. Area of each kind—Hermitage 12 acres, Lambruscat 6 acres, Verdot 5 acres, Burgundy 4 acres, Malbec 3 acres	"	15/ "
"	"	21	"	"Claret"	Hermitage and Lambruscat.	"	"	.....	17 and 14	"	"	5/ "
"	"	22	1878	Viridot	Viridot	"	"	.....	14	"	"	25/ "
"	"	23	"	Hermitage	"	"	"	.....	17	"	"	15/ "

DIVISION I.—Natural Wines,

CLASS 73—continued.

Vignerons.	Locality.	No.	Date of Vintage.	Name of Grape or Grapes from which the Wine was made.	Name of Wine.	Colour.	Character, whether light or full-bodied.
302. Munro, Alex.	Bebeah, near Singleton	23	1877	Malbec .....	.....	Red ..	Light
"	"	24	1880	Hermitage .....	.....	" ..	Full-bodied
"	"	25	"	Lambruscat .....	.....	" ..	" .. ..
303. Powell, E.	Richmond .....	..	1873	Grenache, Reising, and a few Black Hamburgs.	Sherry	White ..	"
304. Stephen, G. H. ..	Hunter River .....	..	1877	Hermitage	Ivanhoe Hermitage.	Red ..	Dry medium
" .. ..	" .. ..	..	1878	Shepherd's Reising and White Shiraz.	Ivanhoe Reising	White ..	"
305. Vile, Bros.	Maitland, Hunter River	1	1876	Hermitage	Hermitage	Red ..	Full-bodied
"	"	2	"	Lambruscat	Lambruscat	" ..	"
"	"	3	1877	Hermitage	Hermitage	" ..	"
"	"	4	1878	"	"	" ..	"
"	"	5	"	Lambruscat	Lambruscat	" ..	"
"	"	6	"	Burgundy	Burgundy	" ..	"
"	"	7	"	Virdot	Virdot	" ..	"
"	"	8	1879	Hermitage	Hermitage	" ..	"
"	"	9	"	Burgundy	Burgundy	" ..	"
"	"	10	"	Lambruscat	Lambruscat	" ..	Light

CLASS 73—continued.

Vignerons.	Locality.	No.	Date of Vintage.	Name of Grape or Grapes from which the Wine was made.	Quantity of Spirit added (if any).	Name of Wine.	Colour.	Character, whether light, full-bodied, or Liqueur.
306. Macarthur, J. & W.	Camden Park .....	..	1876	Muscatel	Nil	Muscat	Red ..	Sweet
" .. ..	" .. ..	..	1877	"	"	"	" ..	"
307. Munro, Alex. ..	Bebeah, near Singleton ..	26	1876	Reising	2%	Reising	White	Full, sweet ..
"	"	27	1877	Muscat, &c.	3%	Muscat	" ..	"
"	"	28	1878	Muscat, Isabella, &c.	"	"	" ..	"
"	"	29	1879	Madeira	"	Madeira	" ..	"
"	"	30	1876	Miru grapes	"	Port	Red ..	"
"	"	31	1878	"	"	"	" ..	"
"	"	32	1877	Hermitage	"	"	" ..	"
308. Schofield, Jos., sen.	Windsor Road, near Windsor.	..	1878	Black Hamburg	Nil	Black Hamburg	" ..	Full-bodied ..

309. CLARENCE RIVER GROUP.—J. PAGE, Grafton.
White Reising, Red Burgundy. 1877 Vintage.

Blended and not Blended.

Strength in Proof Spirit (if known).	Age of Vines.	Nature of Soil, and every other information, such as Aspect, Elevation, &c. Number of Acres under cultivation of each kind.	How cultivated.	Selling price per gallon at the Vineyard, in bulk and bottle.
.....	Years.	Loamy. Aspect northerly. Area of each kind—	With plough, scarifier, harrow, and hoe	15/ doz. qts., 5/ gal.
.....	14	Hermitage 12 acres, Lambruscat 6 acres, Virdot 5 acres, Burgundy 4 acres, Malbec 3 acres	"	18/ " 6/6 "
.....	17	"	"	18/ " 6/ "
.....	14	On the bank of the River Hawkesbury. 2 acres.	Plough, hoe, & scarifier.	£1 doz., 7/ gal. by hogshead.
Unknown	30	"	"	"
about 24'	12	Red calcareous soil. 5 acres	Ploughing, scarifying, and hoeing	10s. gal., 25s. doz.
about 21'	"	" 4 acres	"	6s. " 21s. "
.....	10	Red chocolate, 30 feet above high water. 14 acres	Plough and scarifier ...	Bulk 5/ ,, bottle £1 doz.
.....	"	6 acres	"	"
.....	"	"	"	4s. bulk.
.....	"	"	"	"
.....	7	4 acres	"	"
.....	"	3 acres	"	"
.....	6	4 acres	"	3s.
.....	10	14 acres	"	Undecided.
.....	7	3 acres	"	"
.....	"	4 acres	"	"

Fortified and Liqueur.

Strength.	Age of Vines.	Nature of Soil, and every other information, such as Aspect, Elevation, &c. Number of Acres under cultivation of each kind.	How cultivated.	Selling price per gallon at the Vineyard, in bulk and bottle.
.....	Years.	.....	.....	.....
.....
.....	17	Loamy. Aspect northerly, &c.	Plough, harrow, scarifier, and hoe	25/ doz. qts., 10/ gal.
.....	10	"	"	"
.....	"	"	"	"
.....	"	"	"	"
.....	11	"	"	"
.....	17	"	"	"
.....	"	"	"	"
.....	"	"	"	"
.....	10	Red, gravelly, slightly elevated. 2 acres	.....	Not for sale.
.....	"	"	"	6s.

310. FORSAITH, Mrs. E. M., Parramatta.
Rich Orange Wine.

NINTH GROUP.—Horticulture.**CLASS 76.**—Flowers and Ornamental Plants.

311. THE N.S.W. COMMISSION.

Collection of Ferns indigenous to the Colony.

CLASS 78.—Fruit and Fruit Trees.

312. THE N.S.W. COMMISSION.

Orange Trees in various stages of growth.

TENTH GROUP.—Mining Industries, Machinery, and Products.**CLASS 81.**—Apparatus and Processes of the Art of Mining and Metallurgy.

DEPARTMENT OF MINES, Sydney.

- No. 320. Gold Trophy, bearing the following inscription :—"Pyramid representing in bulk the quantity of Gold raised in New South Wales. Quantity, 9,066,608 ounces ; value, £33,743,019."
- No. 321. Silver Trophy, bearing the following inscription :—"Pyramid representing in bulk the quantity of Silver raised in New South Wales. Quantity, 661,270 ounces ; value, £161,572."
- No. 322. Collection of Phototypes of the interior and exterior of the Binda or Fish River Caves, New South Wales. Taken by the Electric Light (by Messrs. Hart & Roux, Newtown).

PURIFIED COAL AND COKE COMPANY, Wallsend.

No. 323. Model of Coal Washing Machine.

H. HERRENSCHMIDT, East Kempsey.

No. 324. Model of Antimony Smelting Works.

CLASS 82.—Mining and Metallurgy.**TIN.**

The approximate area of the tin fields in New South Wales is 5,440,000 acres. According to the official report of Harrie Wood, Esq., Under Secretary for Mines, the value of the total production of the tin to the end of 1879 amounts to £3,144,237. The tin ore therefore ranks next in importance to gold and coal as a source of wealth to the Colony. The ore is at present chiefly obtained from alluvial deposits, but doubtless the lodes (of which several have been discovered) will ere long be worked, and the annual production will be thereby largely increased. The existence of tin in New South Wales was known for many years, but it was not until 1871 that any attempt was made to turn this mineral to account as a marketable commodity. The most extensive deposits of ore have been found in the northern portion of the Colony, but tin has also been discovered in other districts. The value of the tin obtained in 1872 was £47,703, in 1873 the value amounted to £334,436, and in 1879 to £372,349 ; the total value of the production to that date being £3,144,237. The ore has hitherto been obtained in the beds of water-courses, and it is separated from the soil by sluicing. In some localities extremely rich deposits of drift tin have been found in the beds of ancient streams, at a depth from 60 to 80 feet below the surface ; but it more frequently happens that the overlying soil is only a few feet in thickness. Valuable lodes or reefs have also been discovered, and in some places crushing machinery has been erected to extract the ore. The tin-bearing granites of New South Wales belong to the same geological era as those of Derwent and Cornwall. Many years will elapse before the ground now being worked will be exhausted, so that the tin fields open a wide scope for the employment of the labouring classes. Recent discoveries of comparatively deep deposits of stream tin prove how little our tin-bearing lands have been explored, and how richly they compensate the explorers. The tin ores exhibited in the New South Wales Court are very numerous, and show all the different forms in which this mineral has been found in the Colony.

CLASS 82—continued.

DEPARTMENT OF MINES, Sydney.

No. 325. Collection of Tin Ores from New South Wales :—

1. Lode Tin, Cope's Creek.
2. " Bolitho Mine, Cope's Creek.
3. " with Flour spar in quartz, Boundary Mine,
Cope's Creek.
4. " in quartz crystal, Albion Tin Mine, "
5. " Cope's Creek.
6. " Sutherland's Water, Cope's Creek.
7. " " "
8. " Cope's Creek.
9. " " "
10. " " "
11. " " "
12. " Butchart Mine, Cope's Creek.
13. " " "
14. " Elsmore Mine, New England.
15. " " "
16. " in clay slate, Tenterfield.
17. " Tenterfield.
18. " M'Donald's, The Glen
19. " Glen Innes.
20. " Butchart's Mine, The Gulf.
21. " Craigend, "
22. " " "
23. " with Beryl, Craigend, The Gulf
24. " Craigend, The Gulf.
25. " " "
26. " " "
27. Stanniferous Granite, with Beryl and Chalcedonic quartz,
Craigend, The Gulf.
28. Lode Tin, Mole Table Land.
29. " " "
30. " " "
31. " " "
32. " " "
33. " " "
34. " " "
35. " " "
36. " " "
37. " Flagstone Creek, Mole Table Land
38. " Dutchman's Reef, "
39. " Planet Tin Mine, "
40. " 25 miles east of "
41. " Mole Table Land.
42. " " "
43. " " "
44. " Vegetable Creek.
45. " Graveyard Creek, Vegetable Creek.
46. " Dividing Range, Mann. and Timbarra Rivers,
47. " Wylie Creek, New England.

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

No. 325.—Collection of Tin Ores—continued.

48.	Lode Tin, Clarence District (from Mr. D. Munro).	
49.	"	
50.	" Karoola Mine, near Inverell.	
51.	" Mole Table Land.	
51A.	Sulphide of Tin, Mole Table Land.	
52.	Stanniferous Cement, Vegetable Creek.	
53.	" O'Daly's Mine, Vegetable Creek.	
54.	" Rothschild's Mine,	"
55.	" Great Britain Mine,	"
56.	" O'Daley's Mine,	"
57.	" Arden's Mine,	"
58.	" Smith, Wayte, & Party,	"
59.	" Griffiths & Party,	"
60.	" Salmon & Party,	"
61.	" Wesley & Party,	"
62.	" Ezzy & Party,	"
62A.	" Britannia Mine,	"
63.	Stream Tin, O'Daly's Mine,	"
64.	" Vegetable Creek Tin Mine	"
65.	"	"
66.	" Great Britain Mine,"	"
67.	" Little Britain Mine,	"
68.	" Ancient Britain Mine,	"
69.	" Below Grampians,	"
70.	" Graveyard Creek,	"
71.	" Spears & Moore,	"
72.	" Grampians,	"
73.	" Little Wonder Mine,	"
74.	" Lady Emily Mine,	"
75.	" Rothschild's Mine,	"
76.	" Baalgammon Mine,	"
77.	" Gordon's Mine,	"
78.	" Tent Hill,	"
79.	" The Springs,	"
80.	" Kangaroo Flat,	"
81.	" Y. Water Holes,	"
82.	"	"
83.	" Deepsinker's Mine,	"
84.	" Tent Hill,	"
85.	" Hall Bro's. Mine,	"
86.	" Glen Creek Tin Mining Co.,	"
87.	" Strathbogie,	"
88.	" Glen Creek,	"
89.	" Salmon & Party,	"
90.	" Smith, Wayte, & Party,	"
91.	" Ezzy & Party,	"
92.	" Griffiths & Hammond,	"
93.	" The Gulf, New England.	"
94.	"	"

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

No. 325.—Collection of Tin Ores—continued.

95. Stream Tin, Rain's Gully, Gulf Creek, New England.
 96. " Herding Yard Creek, Tenterfield.
 97. " Wetherdin's Claim, Severn River.
 98. " Mann and Timbarra Ranges.
 99. " Victoria Tin Mine, Cope's Creek.
 100. " Long Gully, "
 101. " Pine Ridge Mine, "
 102. " Billin's Claim, "
 103. " "
 104. " Lady Emily Mine, "
 105. " Britannia Mine, "
 106. " Wearne's Mine, "
 107. " Pine Ridge, near Inverell.
 108. " Head of Pond's Creek, near Inverell.
 109. " Karula, "
 110. " Pride of the Ranges, "
 111. " Mole Table Land, "
 112. " Flagstone Creek, Mole Table-land.
 113. " Cow Swamp, "
 114. " Silent Grove Creek, "
 115. " Mole Table Land.
 116. " Nine-mile Creek, Mole Table-land.
 117. " "
 118. " Cameron's Lode, "
 119. " Clark's Chest, near Bundarra, New England.
 120. " Wylie Creek, "
 121. " New England, Queensland Border. "
 122. " Oban.
 123. " Great Dividing Range, Boundary Creek.
 124. " Highland Home.
 125. " Tumbarumba, Southern District.
 126. " (with gold) " "
 127. " Adaminaby, "
 128. Toad's-eye Tin, Grenfell, Western District.
 129. Stream Tin, Burra Burra, "
 130. Petrified Wood, with Stanniferous Cement, O'Daly's
 Mine, Vegetable Creek.
- No. 326. Refined Tin in ingots, bar and grain, from New South Wales.
 No. 327. Collection of Tin Ores, &c., from Tingah District, New South
 Wales.
- R. TOWNS & Co., Sydney.
- No. 328. Tin Lode Stuff, from "Silent Grove Mine," New England
 District. Width of lode 6 feet. The property of the Hon.
 Alexander Stuart, M.P.
- No. 329. Tin Lode Stuff, from "Cameron's Lode," New England
 District. Width of lode 4 feet. The property of the Hon.
 Alexander Stuart, M.P.
- No. 330. Tin Lode Stuff, from the "Dutchman's Lode," New England
 District. Width of lode 8 feet. The property of the Hon.
 Alexander Stuart, M.P.

CLASS 82—continued.

JAMES MATHEW BANKS, Royal Exchange, Sydney.

No. 331. Rich Tin Lode Stuff, from "Gulf Stream Mine," New England District. The property of Banks, Farquhar, and others.

J. H. BUTCHART, Sydney.

No. 332. Tin Ore from "The Gulf," New England.

COPPER.

There are several lodes of copper in the Colony, but some of the richest are at present beyond the reach of railway communication. Those which have been hitherto worked vary in thickness from 1 to 100 feet, and consist of ores which contain as high as 70 per cent. of metal. The copper is not unfrequently associated with gold, silver, and lead. The production of copper has increased in value from £1,400 in 1858, to £257,352 in 1879. The value of the total production of copper to the end of 1879 was £2,494,437. Numerous characteristic specimens and some large blocks of copper ore, also about 10 tons of metallic copper in ingots are exhibited. The approximate area of cupriferous country in New South Wales is 6,713 square miles.

DEPARTMENT OF MINES, Sydney.

No. 333. Collection of Copper Ores from New South Wales:—

131.	Sulphide of Copper,	Snowball Mine.
132.	"	Gordon Brook, Clarence River.
133.	"	"
134.	"	Charlton, near Rockley.
135.	"	Dundee, New England.
136.	"	Goodrich Mine.
137.	"	"
138.	"	Cootalantra Copper Mine, Manaro.
139.	"	Between Condobolin and Parkes.
140.	"	Armstrong Mine; assay, 32·70 per cent.
141.	"	Cow Flat.
142.	"	Frog's Hole, parish of Bala.
143.	"	Milburn Creek.
144.	"	"
145.	"	"
146.	"	"
147.	"	Wellingrove.
148.	"	Ophir.
149.	"	Oberon.
150.	"	Jones' Mount, Tuena.
151.	"	Jaqua Mine, Nerrimunga.
152.	"	Wiseman's Creek; assay, 11·30 per cent.
153.	"	Manaro.
154.	"	Belmore Mine, Manaro.
155.	"	Solferino.
156.	"	Hurley & Wearne's Mine, Wellington.
157.	"	Essington, near Rockley.
158.	"	Yarrangobilly, near Kiandra.
159.	"	Peelwood.
160.	"	"
161.	"	Wellbank; assay, 13·19 per cent.
162.	"	Cobar.

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

- No. 333. Collection of Copper Ores—continued.
- 162A. Sulphide of Copper, near Bingera.
163. " Molong.
164. " Narragal, county Gordon.
165. " Apsley.
166. " Oberon.
167. Carbonate of Copper, Armstrong Mine.
168. " " assay, 28 per cent.
169. " Goodrich Mine.
170. " "
171. " Belara. "
172. " "
173. " Lady Belmore Mine, Wood's Flat.
174. " Peelwood.
175. " "
176. " "
177. " Lucknow.
178. " Cobar.
179. " "
180. " "
181. " (auriferous) Mitchell's Creek (gold 4 ozs. 10
dwts. 9 grs. per ton).
" assay, 9.40 per cent.
182. " " "
183. " Three-mile Flat, Wellington.
184. " Snowball Mine, Gundagai.
185. " Cow Flat.
186. " "
187. " Frog's Hole, parish of Bala.
188. " Bobby Whitlow's, Bingera.
189. " Bingera.
190. " Wiseman's Creek.
191. " " assay, 16.72 per cent.
192. " "
193. " Copabella, Southern District.
194. " Wellbang, Wellington District.
195. " Gordon Brook, Clarence River.
196. " Junction of Cotta and Queanbeyan
Rivers.
197. " (auriferous) near Wellington.
198. " Wellingrove.
199. " Courtoundra Range, 60 miles
N.W. of Wilcannia.
200. " Milburn Creek.
201. " near Oberon.
202. " between Condobolin and Parkes.
203. Native Copper, Milburn Creek.
204. " Peelwood.
205. " Peabody Mine, county Asburnham.
206. " and Sulphide, Cobar.
207. " Hurley & Wearne's Mine, Wellington
District.

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

No. 333. Collection of Copper Ores—continued.

208. Native Copper, Wellington.
 209. „ Dunolly Mine, Cowra.
 210. „ between Coolac and Hillston.
 211. „ Red Oxide, and Carbonate of Copper,
 Wellington.
 212. Red Oxide of Copper (auriferous), Fitty's Reef, Mitchell's
 Creek.
 213. „ and Carbonate of Copper, Mount Hope, Lower
 Lachlan.
 214. „ „ Peelwood.
 215. „ and Carbonate, Peelwood.
 216. „ Milburn Creek.
 217. „ Cow Flat.
 218. „ and Sulphide and Carbonate, Courntoundra
 Range, N.W. of Wilcannia.
 219. „ and Carbonate, Apsley.
 220. „ and Sulphide, Courntoundra Range, N.W. of
 Wilcannia.
 221. „ Cobar.
 222. „ and Native Copper, Cobar.
 223. „ Belara.
 224. „ „ assay, 39 per cent.
 225. „ and Carbonate, Bobby Whitlow's Mine,
 Bingera.
 226. „ and Native Copper, Thompson's Creek Mine.
 227. „ and Carbonate, Armstrong Mine.
 228. „ „ Hurley and Wearne's Mine,
 Wellington.
 229. „ „ Wiseman's Creek.
 230. „ Gordon Brook, Clarence River.
 231. „ and Carbonate, Coombing Park, near Carcoar.
 232. „ „ South Wiseman's Creek.
 233. „ „ Frog's Hole, parish of Bala.
 234. Black Oxide of Copper and Sulphide, Milburn Creek.
 235. „ and Grey Sulphide, Milburn Creek; assay,
 25 per cent.
 236. „ Belara Mine; assay, 40 per cent.
 237. „ and Sulphide, Apsley; assay, 18·72 per cent.
 238. „ and Carbonate, Courntoundra Range.
 239. „ Bobby Whitlow's Mine, Bingera.
 240. „ and Sulphide, Peelwood.
 241. „ „ South Wiseman's Creek.
 242. „ „ Junction of Cotta and Quean-
 beyan Rivers.
 243. „ Gordon Brook, Clarence River.
 244. Gossan, Belara.
 245. „ Essington Mine, near Rockley.
 246. „ Belmore Mine, Manaro.
 247. Sulphate of Copper, Milburn Creek.

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

- No. 333. Collection of Copper Ores—continued.
 248. Native Copper, near Oberon.
 249. Carbonate of Copper, „
 250. Peacock Ore, „
 251. Carbonate and Red Oxide, No. 5 Copper Hill, W. Bogan.
 252. „ „ „ „
 252A. Carbonate of Copper, Mount Hope Copper Mine.
 252B. „ „ „ „
 No. 334. Copper Ores from Messrs. Deer Brothers' Frogmore Copper Mine, New South Wales.
 No. 335. Copper in Ingots.

ARGYLE M'CALLUM, Good Hope, Yass.

- No. 336. Copper Ore and Galena.

W. H. MACKENZIE, Exchange Corner, Sydney.

- No. 337. Specimens of Crystallized Blue Carbonate of Copper—"Azurite.

GREAT COBAR COPPER MINING COMPANY, Sydney,

GEORGE HARDIE, Manager, Sydney.

- No. 338. Copper Ores from Great Cobar Copper Mine.

JOHN HURLEY, M.P., & JOHN SHEPHERD, M.P., 289 George-street, Sydney.

- No. 339. Auriferous and Argentiferous Sulphides of Iron, Copper, and Lead, from "Sunny Corner Mine," Mitchell's Creek.

JOHN ZEAKES.

- No. 339A. Copper Ores, Wellington.

IRON.

Important deposits of iron ore are found in close proximity to coal and limestone in several parts of the Colony. Furnaces, rolling-mills, &c., have recently been erected at Eskbank, Lithgow Valley, for the conversion of pig iron into malleable iron; and it is expected that the demand for iron in the Colony will be supplied by metal locally produced. *Hæmatite*, magnetic, chrome, and other iron ores are shown in the mineral collection. The ore found at Mittagong, in the Southern District, contains about 66 per cent. of iron. Speaking of the deposits of iron ore at Wallerawang, Professor Liversidge says—"They contain two varieties of iron—magnetite, or the magnetic oxide of iron, and the brown hæmatite or goethite—the hydrated oxide; then in addition to these there are the deposits of the so-called clay bands which are interstratified with the coal measures. These clay bands are not what are usually known as clay iron ores in England. They are brown hæmatites, var. limonite, while the English clay iron ores are impure carbonates of iron, which seldom contain much more than 30 per cent. of metallic iron, against some 50 per cent. contained by the hæmatites. A highly ferruginous garnet accompanies the veins of magnetite; this garnet is very rich in iron, and it will probably be found advantageous to smelt it with the other ores, not only on account of the large percentage of metal which it contains, but also on account of the increased fluidity it would impart to the slag." The approximate area of iron ore deposits is 1,400 square miles. The value of the iron raised to end of December, 1879, amounts to £54,151. The Eskbank Iron Works Company exhibit a trophy of samples of the various descriptions of iron produced at their works.

DEPARTMENT OF MINES, Sydney.

- No. 340. Collection of Iron Ores from New South Wales :—
 253. Magnetite, 10 miles from Cowra, Grenfell Road.
 254. „ Devonian Beds, Mount Lambie.
 255. „ Solferino.

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

No. 340. Collection of Iron Ores—continued.

256. Magnetic and Specular Iron, Grass Tree Creek.
 257. „ Winter's Mine, Wallerawang; assay, 40·89
 258. „ Burra Burra, Parkes District. per cent.
 259. „ Solferino.
 260. „ Wellington.
 261. „ Wallerawang; assay, 37·84 to 51·2 per cent.
 262. „ Mitchell's Creek, Wellington.
 263. „ 5 mile west of Binalong.
 264. Specular Iron Ore, Boro.
 265. Specular and Brown Oxide of Iron, parish of Ponsonby,
 near Bathurst.
 266. Specular Iron Ore, between Mylora and Brookham, Yass
 District.
 267. Micaceous & Magnetic Iron Ore, Warrawang, near Mount
 268. Specular Iron Ore, O'Connell's Plains. Lambie.
 269. „ Mount Lambie.
 270. „ New England.
 271. „ and Magnetic Iron Ore, near Mount
 272. Hæmatite, near Appin. Lambie.
 273. Specular Iron Ore, near Binalong.
 274. Brown Hæmatite, Berrima.
 275. „ Back Creek, near Blayney.
 276. „ (Goethite), near Cooyal, Mudgee Dis-
 277. „ near Hay. trict.
 278. „ 8 miles from Jarvis Bay.
 279. „ from Coal Measures, Lithgow Valley;
 assay, 46 per cent. Metallic Iron.
 280. „ Mount Keira, Southern District.
 281. „ (Goethite), Gulgong District.
 282. „ Wallerawang.
 283. „ Burra Burra, Parkes District.
 284. „ Croaker's Coal Seam, Wallerawang.
 285. „ Wallerawang.
 286. „ Narrandera.
 287. „ (Goethite), Wallerawang; assay, 38·84
 to 51·2 per cent.
 288. „ Lithgow Valley Iron Co.
 289. „ Lachlan River, 50 miles W. of Forbes.
 290. „ Narrellan Creek Co., Monteagle.
 291. „ Jamberoo.
 292. „ Mittagong.
 293. „ Upper Coal Measures, Wallerawang.
 294. „ Jamberoo.
 295. „ Winter's Mine, Wallerawang.
 296. „ Scone.
 297. „ (Concretion), Wollombi Road, near
 West Maitland.
 298. Ironstone Nodule in Coal Seam, Wallerawang.
 299. Brown Hæmatite, below Hawkesbury Rock, Broughton
 Vale.

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

No. 340. Collection of Iron Ores—continued.

300. Stalactitic Iron Ore, Lithgow.

301. Garnet Rock Iron Ore, Devonian Beds, Wallerawang ;
assay, 21.05 per cent.

302. " near Wallerawang.

303. Ferruginous Garnet Rock, New England.

304. Carbonate of Iron, near Picton.

305. Chrome Iron, Upper Bingera.

306. Titanic Iron, Rocky River.

HENRY FRANCIS, 201, Cumberland-street, Sydney.

No. 341. Collection of Iron Ores and Paint Ochres, Fire-clay, Sandstone, &c.

BROWNE & BROWNE, City Iron Works, Pyrmont.

No. 342. Trophy of Bar and Angle Iron, Tea and Bridge Nails, Samples, &c.

J. J. O. ATKINSON, Oldbury, near Berrima.

No. 343. Block of Iron Ore.

J. FOUNTAIN, Brisbane Water.

No. 344. Iron Ore and Fire-clay, Paint Oxide, and Sandstone.

ESKBANK IRONWORKS COMPANY, Lithgow.

No. 345. Coal, Coke, Iron Ores, Limestone, Fire-bricks, Pig Iron, Bar Iron, Rails and Stampers made from Eskbank Pig Iron.

GEORGE HAYTON.

No. 345A. Iron Ore, Newbridge.

COAL.

The approximate area of the carboniferous strata is estimated at 23,950 square miles. The principal coal beds exist along the coast to the north and south of Sydney. The mines first opened are situated in the immediate vicinity of Newcastle, and it is from there that the Colony obtains its largest supply. In many districts the coal crops out on the face of the hills, and can be cheaply got by driving tunnels. The coal-shipping facilities at Newcastle are by straits, steam, and hydraulic cranes. Full descriptions of the various coal-seams worked in New South Wales have been given by Mr. John Mackenzie, F.G.S., Government Examiner of Coal Fields, in the Annual Reports of the Department of Mines. Writing of the upper coal measures in the Western District, the Government Geologist (Mr. C. S. Wilkinson, L.S., F.G.S.) says: "They are 480 feet thick, resting conformably on the marine beds of the lower coal measures, and overlaid by more than 500 feet of Hawkesbury sandstone. Eleven seams of coal have been counted in them; the lowest, which is 10 feet thick, lies about 25 feet above the marine beds, and is the same seam worked by the Bowenfels, Esbank, Lithgow Valley, and Vale of Clwydd Collieries. This seam of coal crops out on the surface on the railway line near Bowenfels. It dips at a low angle of 3 to 5 degrees to the north-east, and is therefore easily worked; and as it passes under the vast extent of mountain ranges to the north and east, it will be inexhaustible for generations to come." The production of coal has increased very rapidly of late years. In 1833, 328 tons were raised, and in 1879, 1,583,381 tons, the value of the last-named year's production being £950,878. Several seams of cannel coal have been found, and the coal from two of them is retorted for the manufacture of kerosene oil. Their thickness varies from 2 to 5 feet. The Hartley shale yields 160 gallons of crude oil, or 18,000 cubic feet of gas per ton, with an illuminating power equal to forty candles. The total production of coal to December 31st, 1876, was 20,640,075 tons, of the value of £11,036,722, and of petroleum oil shale 194,189 tons, of the value of £495,574. Sections of the coal seams worked in the Northern, Western, Southern, and Hunter River Coal Fields are exhibited, and also samples from several of the seams of petroleum oil coal.

CLASS 82—continued.

DEPARTMENT OF MINES, Sydney.

No. 346. Specimens of Coal from New South Wales :—

307.	Bituminous Coal,	Fitzroy, near Jellore, seam 20 feet.
308.	„	Shark Creek, Clarence River, seam 1 ft. 6 in.
309.	„	Woodford Colliery, seam 6 feet.
310.	„	„ „ 8 feet.
311.	„	Goose Colliery, Newcastle District.
312.	„	Co-operative Colliery, near Newcastle.
313.	„	Ferndale Colliery,
314.	„	Newcastle Coal M. Co.'s Colliery.
315.	„	A.A. Co.'s Colliery, Stroud, seam 10 ft.
316.	„	„ average seam 10 ft.
317.	„	Duckenfield Colliery, near Newcastle.
318.	„	Cajola Creek, near Ulladulla.
319.	„	Jamberoo.
320.	„	Newcastle-Wallsend Colliery, average seam 9 feet.
321.	„	Minmi Colliery, seam 5 feet 8 inches.
322.	„	Battai Colliery, near East Maitland, seam 7 feet.
323.	„	Dudley Colliery, Redhead, near New- castle.
324.	„	Berrima, seam 14 feet.
325.	„	A.A. Co.'s property, Lake Macquarie, seam 27 feet.
326.	„	New Lambton Colliery, near Newcastle, average seam 9 feet.
327.	„	Mount Kembla, Wollongong.
328.	„	Waratah Colliery, average seam 10 ft.
329.	„	Lambton Colliery, Newcastle, average seam 10 feet.
330.	Semi-bituminous Coal,	near Berrima.
331.	„	Mount Sugarloaf Mine, New- castle, seam 18 feet.
332.	„	Bulli.
333.	„	Piper's Flat, Wallerawang.
334.	„	Bulli.
335.	„	Osborne-Wallsend Colliery, Wollongong, seam 7 to 9 feet.
336.	„	Coal Cliff, seam 5 feet 6 inches.
337.	„	Mount Pleasant, Wollongong, seam 7 to 9 feet.
338.	Splint Coal,	Bowenfels Coal Mining Co., Lithgow Valley, average seam 10 feet 6 inches.
339.	„	Macquarie Mine, Wingen.
340.	„	New Wallsend Colliery, Catherine Hill Bay, seam 14 feet.
341.	„	Lithgow Valley Colliery, seam 10 feet.
342.	„	Greta.
343.	„	Buckley's Coal Mine, Wallerawang, seam 5 ft.

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

No. 346. Specimens of Coal—continued.

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| 344. | Splint Coal, | Vale of Clwydd, Lithgow Valley, seam 10 feet 6 inches. |
| 345. | „ | Bowenfels Coal Mining Co., Lithgow Valley, seam 10 feet 6 inches. |
| 346. | „ | Nash's Mine, Mount Wingen, average seam 6 feet. |
| 347. | „ | Eskbank Colliery, Lithgow Valley, seam 10 feet 6 inches. |
| 348. | „ | Brown and Lamb's Mine, Lake Macquarie, seam 4 feet. |
| 349. | Anthracite Coal, | Redhead, Clarence River, seam 6 feet. |
| 350. | „ | Gibraltar Creek, Mittagong. |
| 351. | „ | Fitzroy Iron Co.'s Mine, seam 7 feet. |
| 352. | Bituminous Coal and Petroleum Oil Cannel Coal, | Berrima. |
| 353. | Splint Coal | „ „ Anvil Creek. |
| 354. | Petroleum Oil Cannel Coal, | Joadja Creek, Berrima. |
| 355. | „ | „ „ |
| 356. | „ | „ „ Mount Kembla. |
| 357. | „ | „ „ |
| 358. | „ | „ „ America Creek, Wollongong, seam 1 foot 6 inches. |
| 359. | „ | „ „ Hartley, yield 18,000 cubic ft. of gas per ton, or 160 gallons crude oil, seam 3 ft. 2 in. |
| 360. | „ | „ „ Mount Victoria. |
| 361. | „ | „ „ Mount Megalow, county Cook. |
| 362. | „ | „ „ Lake Macquarie. |
| 363. | „ | „ „ Megalow Pulpit Hill. |
| 364. | „ | „ „ Sugarloaf, near Hartley. |
| 365. | „ | „ „ Joadja Creek, seam 1 ft. 6 in. |
| 366. | „ | „ „ Bathgate, Wallerawang, yield 17,500 cub. ft. of gas per ton. |
| 367. | „ | „ „ Blackheath (from the outcrop). |
| 368. | „ | „ „ Greta, seam 1 foot. |
| 369. | „ | „ „ Burragorang. |
| 370. | „ | „ „ Joadja Creek, seam 1 ft. 6 in. |
| 371. | „ | „ „ Hartley. |
| 372. | „ | „ „ Newcastle Shale Co.'s Mine, Murrurundi, yield 17,500 cubic feet gas per ton. |

No. 347. Large Blocks of Coal:—

1. Bituminous Coal, A.A. Co.'s Colliery, near Newcastle. The coal seam is from 13 feet 7 inches to 10 feet 6 inches in thickness, is free from faults, lies very regular, and has an average dip of 1 in 20 to 1 in 30 feet to the south-east.
2. Bituminous Coal, Co-operative Colliery, the property of W. Laidley, Esq., situated about 7 miles from Newcastle Harbour. The coal seam is from 10 feet to 8 feet 6 inches in thickness, is very free from faults, lies very regular, and has an average of 1 in 30 in a southerly direction.

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

No. 347. Large Blocks of Coal—continued.

3. Bituminous Coal, Ferndale Colliery, Messrs. Bingle, White, & Co., situated within 3 miles of the Newcastle Harbour. The coal seam varies from 15 feet 3 inches to 8 feet in thickness, lies very regular, and has a slight dip to the south and south-east.
4. Bituminous Coal, Newcastle and Wallsend Co.'s Collieries, situated about 7 and 9 miles from Newcastle Harbour. The coal seam varies from about 9 feet 4 inches to 8 feet 6 inches in thickness, is very free from faults, lies very regular, and has an average dip of about 1 in 40 in a southerly direction.
5. Bituminous Coal, New Lambton Colliery, Messrs. Brown & Dibbs, situated about 5 miles from Newcastle Harbour. The coal seam is about 9 feet 9 inches in thickness, lies very regular, is very free from faults, and has an average dip of about 1 in 30 in a southerly direction.
6. Bituminous Coal, Waratah Co.'s Colliery, about 4 miles from Newcastle Harbour. The coal seam is about 10 feet in thickness, is very free from faults, lies very regular, and has an average dip of about 1 in 30 to the south.
7. Splint Coal, Greta Colliery, belonging to E. Vickery, Esq., about 32 miles by rail from Newcastle Harbour. This seam varies from 14 feet 6 inches to 26 feet in thickness, lies very regular, is very free from faults, and dips about 1 in 9 to the west.
8. Semi-bituminous Coal, Bulli Colliery, at Bulli, near Wollongong. The coal seam is about 8 feet in thickness of clean coal without any bands, has an excellent rock roof and floor, and dips about 1 in 30 to the north-west.
9. Semi-bituminous Coal, Osborne Wallsend Colliery, belonging to Captain Osborne, situated about 3 miles from the Wollongong Harbour. The coal seam is about 7 feet 6 inches in thickness of clean coal without bands, has an excellent rock roof and floor, and dips about 1 in 30 to the west and north-west.
10. Semi-bituminous Coal, Mount Pleasant Colliery, situated about 3 miles from the Wollongong Harbour. The coal seam is about 7 feet 6 inches in thickness of clean coal without any bands, has an excellent rock roof and floor, and dips about 1 in 30 to the west and north-west.
11. Anthracite and Bituminous Coal, from the outcrop of the 9 to 10 feet seams of coal opened out on Sir Henry Parkes and others property at Broger's Creek, near Shoalhaven and Jamberoo, near the Kiama Harbour.
12. Splint Coal, Lithgow Valley Colliery, at Lithgow, 96 miles by the Great Western Railway from Sydney. The coal seam is about 10 feet 6 inches in thickness, lies very regular, is very free from faults, and has an average dip of about 1 in 20 in an easterly direction.

CLASS 82—continued.**DEPARTMENT OF MINES—continued.****No. 347. Large Blocks of Coal—continued.**

13. Splint Coal, Eskbank Colliery, at Lithgow Valley, 96 miles by the Great Western Railway from Sydney. The coal seam is about 10 feet 6 inches in thickness, lies very regular, is very free from faults, and has an average dip of 1 in 20 in an easterly direction.
14. Bituminous Coal, Newcastle Coal-mining Co.'s Colliery situated about $2\frac{1}{2}$ miles from Newcastle Harbour. The coal seam is about 10 feet 6 inches in thickness, is very free from faults, lies very regular, and dips about 1 in 30 to the south-east.
15. Bituminous Coal, from Percy Owen, Esq.'s property at Broker's Nose, about 4 miles from the Wollongong Harbour. The coal seam is about 7 feet 6 inches in thickness, has an excellent roof and floor, and dips west to north-west.
16. Bituminous Coal, from Tarratt's property, Lake Macquarie. Seam 9 feet of workable coal.
17. Splint Coal, from Anvil Creek Colliery. The coal seam is about 14 feet 6 inches in thickness, and dips to the west at 1 in 9.
18. Splint Coal, from Vale of Clwydd Colliery. The coal seam is about 10 ft. 7 in. thick, and dips to the east at 1 in 20

NEWCASTLE COAL-MINING COMPANY.

- No. 348. Pillar of Coal, cut out of the coal seam worked by the Newcastle Coal-mining Company at a depth of 303 feet at the Glebe, situated about $2\frac{1}{2}$ miles by rail from the Newcastle Harbour, in the county of Northumberland, New South Wales. This coal seam is about 10 feet 6 inches in thickness, is very free from faults, lies very regular, has a rock floor and hard shale roof, and has an average dip of 1 in 20 to 1 in 30 to the south-east. It is a free burning bituminous coal, suitable for household, steam, smelting, gas, coking, and blacksmith purposes, and has a specific gravity of about 1.29. The Company have 1,400 acres of land leased from E. C. Merewether, Esq., and have sunk two shafts to this coal seam, and have erected two 20-horse power engines for pumping and winding purposes. They raised 70,826 tons of coal, valued at £42,694 16s. 3d., in 1879, and employed on an average 271 men and boys each day the Colliery was at work. Mr. Ross, junior, is the Colliery Manager, and Mr. Keightley the Company's General Manager at Newcastle.

NEWCASTLE-WALLSEND COAL COMPANY.

- No. 349. Pillar of Coal, with the roof and floor attached thereto, cut out of the coal seam worked from a shaft and adit by the Newcastle-Wallsend Coal Company, at Wallsend, situated about 9 and 7 miles respectively by rail from the Newcastle Harbour, in the county of Northumberland, New South Wales. The coal seam at these Collieries varies from 9 feet 4 inches to 8 feet 6 inches in thickness, is very free from faults,

CLASS 82—continued.**NEWCASTLE-WALLSEND COAL COMPANY—continued.**

lies very regular, has a rock floor and hard shale roof, and dips about 1 in 40 in a southerly direction. It is a free burning bituminous coal, suitable for household, steam, smelting, gas, coking, and blacksmith purposes, and has a specific gravity of about 1.29. This Company work the coal from an adit and shaft 185 feet in depth, and have a 60-horse power engine for winding purposes, two underground traction engines of 40 and 30 horse power. They raised 162,000 tons of coal, valued at £106,575, in 1879, and employed on an average 635 men and boys each day the colliery was at work. Mr. J. Y. Neilson is the Colliery Manager, and Mr. Binney the Company's General Secretary and Manager in Sydney.

WARATAH COAL COMPANY.

- No. 350. Pillar of Coal, with the floor attached thereto, cut out of the coal seam worked from an adit, by the Waratah Company at Waratah, situated about 4 miles by rail from the Newcastle Harbour, in the county of Northumberland, New South Wales. The coal seam at this Colliery averages about 10 feet in thickness, 9 feet 1 inch of which is generally mined; it is very free from faults, lies very regular, has a rock floor and hard shale roof, and has an average dip of about 1 in 30 to the south. It is a free burning bituminous coal, suitable for household, steam, smelting, gas, coking, and blacksmith purposes, and has a specific gravity of about 1.29. The Company have a shipping place of their own at Port Waratah, about $2\frac{1}{2}$ miles from the Newcastle Harbour. They raised 90,924 tons of coal from this and another coal seam they are working at Raspberry Gully, valued at £77,003 11s., in 1879, and employed on an average 278 men and boys each day the colliery was at work. Mr. Ramsay is the Colliery Manager, and the Company's office is in Bridge-street, Sydney.

NEW LAMBTON COLLIERY COMPANY.

- No. 351. Pillar of Coal, cut out of the coal seam worked at the New Lambton Colliery, by Messrs. Brown & Dibbs, at a depth of 100 feet from the surface, and situated about 5 miles by rail from the Newcastle Harbour, in the county of Northumberland, New South Wales. The coal seam at this Colliery varies from 9 feet 9 inches to 8 feet 1 inch in thickness, is very free from faults, lies very regular, has a rock floor and hard shale roof, and dips at the rate of about 1 in 30 in a southerly direction. It is a free burning bituminous coal, suitable for household, steam, smelting, gas, coking, and blacksmith purposes, and has a specific gravity of about 1.29. The owners of this Colliery have two engines of 20 and 16-horse power, one of which raises the coal up the shaft, and the other is an underground engine used for hauling the coal to the bottom of the shaft. They raised 89,942 tons of coal, valued at £57,712 18s., in 1879, and employed on an average 252 men and boys each day the Colliery was at work. Mr. Marshall is the Colliery Manager, and Edward Combes, Esq., C.M.G., M.P., Receiver and General Manager.

CLASS 82—continued.**ILLAWARRA COAL COMPANY.**

- No. 352. Pillar of Coal, cut out of the coal seam worked from adits at the Illawarra Coal Company's Colliery, near Wollongong, in the county of Camden, situated about 3 miles by tramway from the Wollongong Harbour. The coal seam averages about 7 feet 6 inches in thickness of clean coal, without any bands in it; it has an excellent rock roof and floor, and dips about 1 in 30 to the west and north-west. It is a semi-bituminous coal, suitable for steam, household, smelting, coking, and blacksmith purposes, and has a specific gravity of about 1.35. It is the No. 1 or uppermost coal seam in the Wollongong District, and outcrops at a height of 600 feet above the sea in the high ranges fronting the Wollongong Harbour, where adits are driven into it, and an incline and horse tramway of about 3 miles in length conveys the coal from the mine to the Harbour at Wollongong. They raised 62,520 tons of coal, valued at £26,694, in 1879, and employed on an average 182 men and boys each day the Colliery was at work. Mr. Lahiff is the Colliery Manager, and the Company's office is in Bridge-street, Sydney.

OSBORNE-WALLSEND COLLIERY COMPANY.

- No. 353. Pillar of Coal, cut out of the coal seam worked from an adit at the Osborne-Wallsend Colliery, near Wollongong, in the county of Camden, situated about 2½ miles by tramway from the Wollongong Harbour, New South Wales. The coal seam averages about 7 feet 6 inches in thickness of clean coal without any bands in it; it has an excellent rock roof and floor, and dips about 1 inch in 30 to the west and north-west. It is a semi-bituminous coal suitable for steam, household, smelting, coking, and blacksmith purposes, and has a specific gravity of about 1.35. It is the No. 1 or uppermost coal seam in the Wollongong District, and outcrops at a height of 600 feet above the sea in the high ranges fronting the Wollongong Harbour, where adits are driven into it, and an incline and locomotive engine tramway of about 2½ miles in length conveys the coal from the mine to the Harbour at Wollongong. This Colliery raised 48,444 tons of coal, valued at £21,800, in 1879, and employed on an average 160 men and boys each day the Colliery was at work. Mr. Green is the Colliery Manager, and F. P. McCabe, Esquire, the General Manager.

GRETA COLLIERY COMPANY.

- No. 353A. Block of Coal, 4 feet 6 inches in height, from the seam of coal 15 feet in thickness worked at the Greta Colliery, County of Northumberland.

VALE OF CLWYDD COAL COMPANY (Limited), 331 George-street, Sydney.

- No. 354. Coal from Vale of Clwydd, Lithgow, Western District.

CLASS 82—continued.

J. B. NORTH, 105 Pitt-street, Sydney.

No. 355. Section of Coal from Katoomba.

No. 356. Boghead or Petroleum Oil Cannel Coal, from Dr. W. F. Mackenzie's and Charles Kelso Moore's, Esquires, property, at The Sugar Loaf, Mount Victoria, 76 miles by the Great Western Railway from Sydney. Top and bottom Cannel, from the outcrop of the seam.

No. 357. Boghead or Petroleum Oil Cannel Coal, from Dr. W. F. Mackenzie's, and Charles Kelso Moore's, Esquires, property, at Bathgate, near Wallerawang, 110 miles by the Great Western Railway from Sydney. Top and bottom Cannel, from the outcrop of the seam.

NEW SOUTH WALES SHALE & OIL COMPANY (Limited),
3 Hunter-street, Sydney.

No. 358. Australian Boghead Mineral or Torbanite.

THE AUSTRALIAN KEROSENE OIL MINERAL COMPANY
(Limited), 3 Gresham-street, Sydney.

No. 359. Australian Boghead Mineral.

PURIFIED COAL AND COKE COMPANY, Wallsend.

No. 360. { Small Coal and Coke.
Coke made from the Co-operative Colliery Coal, near Newcastle, belonging to W. Laidley, Esq.

GOLD.

The weight of gold obtained to the end of 1879 was 8,956,951 ounces, of the value of £33,335,800. Except in some few localities, quartz veins have not been worked to a great depth, and the auriferous resources of the Colony have scarcely been touched. Alluvial lands have in some instances been worked to a depth of 200 feet, and there are the strongest indications of deep leads in various parts where no attempt has been made to work them. Gold-mining, as hitherto carried on, has been principally confined to the working of river beds, and shallow alluvial claims. Extensive areas of country are known to be auriferous, and it is believed that there will be ample scope for the remunerative employment of a large population in both alluvial and quartz-mining. The poor success which has often attended the working of quartz veins is largely attributable to ill-judged speculation, inexperience, and the absence of proper ore-separating and other mining appliances. The late Rev. W. B. Clarke, referring to the Western District, says that he "passed over many miles of country in which the rocks that belong to a golden area yet remain in their original condition, and will so remain until some fortunate adventurer stumbles by accident on a tangible encouragement." Mr. E. F. Pittman, and Mr. Lamont Young, Government Geological Surveyors, in their reports recently furnished to the Minister for Mines, also indicate promising localities for the gold prospector in the Northern, Western, and Southern Districts of the Colony. Rich specimens of auriferous quartz from the various gold fields, and an obelisk, representing in bulk the total production of gold in New South Wales, are shown in the Exhibition.

The approximate area included within the proclaimed gold fields is 35,500 square miles; but from the geological formation of the country, it is believed that the area in which payable gold deposits will be found will be greater than that now stated. The returns from the alluvial mines show that the average yield in 1879 from the wash-dirt was 3 dwts. 3·34 grs. of gold per ton; and from the quartz mines the average yield of the crushings gave 1 oz. 5 dwts. 7·81 grs. per ton. From some of the reefs at Hill End, crushings gave at the rate of from 30 to 2,100 ounces of gold per ton; specimens of gold in quartz from this locality are exhibited. It is known that much gold passes away in the tailings, and is lost in consequence of the imperfect appliances at present employed for the treatment of auriferous pyrites.

CLASS 82—continued.

DEPARTMENT OF MINES, Sydney.

- No. 361. Collection of Auriferous Specimens from New South Wales:—
- | | |
|------|---|
| 373. | Auriferous Quartz, Annett & Camp, Victoria Reef, Adelong; 800 ft. level. Yield 5 to 6 ozs. of gold per ton. |
| 374. | „ Annett & Camp's claim. Yield 1 to 6 ozs. per ton. |
| 375. | „ Duke of Connaught Gold-mining Co., Adelong; depth 130 ft. Yield 3 ozs. per ton. |
| 376. | „ Chas. Randall and party, Old Hill, Adelong; depth 90 ft. Yield 2½ ozs. per ton. |
| 377. | „ Barbour and party, Gibraltar Hill, Adelong; depth 120 ft. Yield 1 oz. per ton. |
| 378. | „ Hodge and party, Donkey Hill, Adelong; depth 160 ft. Yield 3 ozs. per ton. |
| 379. | „ J. Hodgson and party, North Caladonia, Adelong; depth 250 ft. Yield 25 dwts. per ton. |
| 380. | „ Anderson's claim, Adelong; depth 80 ft. Yield 2 oz. per ton. |
| 381. | „ Burgoyne & Hides, Wondalga, 3 miles E. of Adelong; depth 70 ft. Yield 9 dwts. per ton. |
| 382. | „ Williams and party, Nos. 1 & 2, Tarrabandera. |
| 383. | „ Annett's Mine Adelong. |
| 384. | „ Adelong United Mine, Adelong. |
| 385. | „ Fletcher's Reef, Victoria Extended; depth 240 ft., vein 1 ft. Yield 2½ ozs. per ton. |
| 386. | „ (with blende and pyrites), Currajong Reef, Adelong. |
| 387. | „ North Williams' Reef, Adelong. |
| 388. | „ Old Hill Reef, Adelong; depth 38 ft., vein 1 ft. Yield 2 ozs. per ton. |
| 389. | „ North Williams' Claim, Adelong; depth 240 ft. Yield 4 ozs. per ton. |
| 390. | „ East Currajong Reef, Adelong. |
| 391. | „ North Williams' Reef, Adelong. |
| 392. | „ Victoria Reef, Adelong; depth 600 ft. Yield 5 ozs. per ton. |
| 393. | „ Fletcher's Reef, Adelong. |
| 394. | „ Spring Creek, near Braidwood. |
| 395. | „ United Miners, Snob's Reef, Major's Creek. |
| 396. | Auriferous Pyritous Granite, Dargue's Reef, Spring Creek, Major's Creek. |
| 397. | „ Mica Vein, Hawkins' Hill. |

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

No. 361. Collection of Auriferous Specimens—continued.

298. Pyrites and Galena, Field's Claim, Major's Creek.
 399. Auriferous Quartz, with sulphurets of Iron, Lead, and Zinc, Snob's Reef, Major's Creek.
 400. „ Pyrites, Field's Claim, Major's Creek.
 401. „ „ Enterprise Co., „
 402. „ Quartz, Quong Tait's Claim, Lady Belmore Line of Reef, Braidwood.
 403. „ Kangaroo Reef, Nerrimunga.
 404. „ Prospector's Claim, Manton's Reef, Nerrimunga.
 405. „ Spar Reef, Nerrimunga.
 406. „ Eureka Claim, „
 407. „ William the First's Reef, Nerrimunga.
 408. „ Star Reef, Solferino
 409. „ Lombardy Reef, Solferino; depth 100 ft.
 410. „ and Calcite, Garibaldi Reef, Solferino.
 411. „ No. 1. North Lion Reef, „
 412. „ Leard & Bacon's Lease, „
 413. „ Southern Cross Reef, „
 414. „ Lombardy Reef, „
 415. „ Between Grafton and New England.
 416. „ Gilmandyke, near Trunkey; depth 50 ft. Yield 10 ozs. per ton.
 417. „ Pride of Clarence Reef, depth 206 ft.
 418. „ Wilson's Claim, Pine Ridge, Trunkey.
 419. „ Eddington Line, Trunkey.
 420. „ Pembroke Reef, „
 421. „ Trunkey Creek Quartz-mining Co., Trunkey.
 422. „ Arthur's Line of Reef. Trunkey; depth 70 ft.
 423. „ Pioneer Line of Reef, Trunkey; depth 240 ft.
 424. „ Wilson's Line of Reef, King of the West Co., Trunkey.
 425. „ Lloyd's Block, Back Creek, Trunkey.
 426. „ Hell's Hole, Trunkey.
 427. Gold in cleavage planes of clay slate, Cowarbee, Murrumbidgee District.
 428. Auriferous Quartz, with galena, Sebastopol Reef, Junee.
 429. „ Brown oxide of Iron, Alfred Town, near Wagga.
 430. Auriferous Quartz, Eurongilly.
 431. „ Junee Reef.
 432. „ Consols Reef, Grenfell.
 433. „ Ada Reef, Barmedman.
 434. „ (reef in greenstone), near Grenfell.
 435. „ („ porphyrite), „
 436. „ with blende and galena, Consols Reef, Grenfell.

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

No. 361. Collection of Auriferous Specimens—continued.

437.	Auriferous Quartz,	Paravacini Reef, Wattle Flat.
438.	„	Lac-ma-lac, near Tumut.
439.	„	near Bungonia.
440.	„	Mac's Reef, Gundaroo.
441.	„	Victory Reef, Grenfell.
442.	„	Maitland Reef, Wood's Flat ; depth 140 ft.
443.	„	Parramatta Reef, Gulgong.
444.	„	Old Gulgong Reef, „ depth 100 ft.
445.	„	Welcome Reef, „ „ 130 ft.
446.	„	Gulgong „ „ 80 ft.
447.	„	Crudine Creek, „ 30 ft.
448.	Gold in Calcite,	Crow Mountains, Barraba.
449.	Auriferous Quartz,	Easter Gift Reef, Crow Mountains, Barraba.
450.	„	Crow Mountains, Barraba.
451.	„	Edward's Reef, Mookerawa.
452.	„	Hill End.
453.	„	Barmedman.
454.	„	Bowling Alley Point, Peel River.
455.	„	Prince William Reef, Golden Gully, Stony Creek.
456.	„	Dayspring Gold-mining Co., Lachlan district.
457.	„	Strickland's Reef, near Forbes.
458.	„	„ „
459.	„	Bonnie Dundee Reef, Parkes.
460.	„	Golden Star Reef, Walcha, New England.
461.	„	„ „
462.	„	„ „
463.	„	„ „
464.	„	„ „
465.	„	Cargo. „
466.	„	„ „
467.	Auriferous Pyrites,	„ „
468.	Gold in Copper Ore,	Kaiser Mine, Mitchell's Creek.
469.	Auriferous Quarts,	„ „
470.	„	Mitchell's Reef, near Wellington.
471.	„	Lambert and Davis' Claim, Oberon.
472.	„	Blackman's Reef, „
473.	„	Fagan Beatach's Reef, „
474.	„	„ „
475.	„	Hansen and Party's Reef „
476.	„	South Suck's-all Reef, „
477.	Gold in Pyritous Cement (Pliocene),	Kiandra.
478.	Gold in Serpentine,	Jones' Creek, Gundagai.
479.	Auriferous Cement (Carboniferous age),	Clough's Valley, Tallawang.

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

No. 361. Collection of Auriferous Specimens—continued.

480. Auriferous Ferruginous Quartz Drift, Wapping Butcher
Lead, Forbes.
481. „ Washdirt, Blatchford's Claim, Araluen.
482. „ „ Crown Sluicing Company, Araluen.
483. „ Pyrites in Drift, Home Rule.
484. „ Cement (Pliocene Drift), Gulgong.
485. „ Quartz, Prospector's Claim (MacDonald and
Party), Millburn Creek.
486. „ „ „ „
487. „ Pyritous Conglomerate, Kiandra.
- 487A. „ Quartz from "Bonnie Dundee Reef," Parkes.
- 487B. Gold from Forbes.
- 487C. „ Trunkey.

No. 362. Auriferous Quartz from "Old Nail Can Reef," near Albury ;
from 70 ft. level ; reef, 12 ft. wide, and yields from 1½ to 2
ozs. of gold per ton.

W. H. SUTTON, Alloway Bank, Bathurst.

No. 363. Gold in Quartz, being part of the "Kerr Hundredweight"
piece of gold found at Ophir, N.S.W., in 1851, by an aboriginal
shepherd.

J. K. HUME, Cooma House, Yass.

No. 364. Auriferous Quartz from Dalton Reefs.

M. ISAACSOHN, Nundle.

No. 365. Collection of Gold, Minerals, and Fossils.

H. L. BEYERS, M.P., Sydney.

No. 366. Gold in Quartz, from Beyers' and Holterman's Claim, Hill
End.

DEPARTMENT OF MINES, Sydney.

No. 366A. 3 Tons of Auriferous Quartz, Adelong ; average yield, 3 ozs.
per ton.

No. 366B. Auriferous Quartz, Major's Creek.

No. 367. Collection of Rock Specimens from New South Wales :—

488. Felspar, Cooyal.
489. Felspar Porphyry, Bellubula Caves.
490. Zeolites in Basalt, 3 miles west of Gulgong.
491. Basalt, between Sofala and Hill End.
492. „ Government Quarries, Prospect.
493. „ Overlying Caledonian Lead, Gulgong.
494. Decomposed Basalt, Pymont Quarries.
495. Basalt, Pipeclay Creek, near Mudgee.
496. Augitic Basalt, containing Glassy Felspar.
497. Basalt Dyke in Slate, Wiseman's Creek.
498. Basalt, containing Olivine, Oberon.
499. Basalt, Orange.
500. Decomposed Basalt, Bondi.
501. Corundum in Basalt, Bald Hill, Hill End.
502. Olivine in Basalt, „ „

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

No. 367. Collection of Rock Specimens—continued.

503. Older Basalt, containing crystals of Chabasite, Hill End.
504. " " " "
506. Diorite, Greystanes, Prospect. " "
507. " Gobang, near Parkes.
508. " (with Iron Pyrites), Four-mile Creek.
509. " Burrandong Hill.
510. " Young.
511. " Two-mile Flat, near Gulgong.
512. " Wattle Flat, Sofala Road.
513. " Rats' Castle, Biragambil.
514. " Adelong.
515. " Dunn's Plains.
516. " Red Hill, Gulgong.
517. " Burrangong Creek, near Young.
518. " Gulgong.
519. " Bowling Alley Point, Peel River.
520. " Coombing Park.
521. " Mitchell's Reef.
522. Porphyry, intruding Carboniferous beds, Kiama.
523. Felspar Porphyry, Bellubula Caves.
524. Porphyry, Grenfell.
525. " Mt. Etty.
526. " Burra Burra, Parkes District.
527. " Cowra.
528. " Homeward Bound Reef, Grenfell.
529. " Wellington.
530. " Mount Lambie.
531. " Carcoar.
532. " Peel River.
533. " near Saddle-back.
534. " Dyke, Mount Lambie.
535. " Broughton Vale.
536. " Wood's Flat.
537. " Jamberoo.
538. " Cargo Reefs.
539. Serpentine, Irene, Campbell's River.
540. " Nundle.
541. " Gundagai.
542. " Jugiong.
543. " near Barraba.
544. Calcite and Quartz in Greenstone, Bushman, Parkes.
545. Black Calcite imbedded in trap, Wollongong.
546. Crystals of Quartz imbedded in Felspar, Home Rule.
547. Amygdaloidal Trap, Jamberoo.
548. Trap Dyke in Carboniferous Conglomerate, Kiama.
549. Porphyritic Granite, Black Lead, Gulgong.
550. Granite, Uralla.
551. " Cowra.
552. " Cunningham's Plains.

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

No. 367. Collection of Rock Specimens—continued.

553. Granite, Caledonian Lead, Forbes.
 554. „ Junction of Cumbermurrumbidgee River and Jugiong Creek.
 555. Metamorphic Granite, Adelong.
 556. Granite, between Monteagle and Harden.
 557. Hornblendic Granite, Oberon.
 558. „ „ Gully Swamp.
 559. Granite, Harden.
 560. „ Walleroo Diggings.
 561. „ Mann's Creek, Tumberumba.
 562. „ Wiseman's Creek.
 563. „ Reedy Creek, Gulgong.
 564. Schorl in Granite, Wombat, near Young.
 565. Hornblendic Granite, Young.
 566. Granite, Grenfell.
 567. Graphic Granite containing Schorl, Young.
 568. Granite Veins, intruding Devonian Beds, Mount Lambie.
 569. Granite, North Williams' Claim, Adelong.
 570. „ near Bowenfells.
 571. „ Wagga.
 572. „ (containing Copper Pyrites and Galena) Hartley.
 573. Altered Silurian Schist, Cow Flat.
 574. Silurian Schist, Grenfell.
 575. Altered Schist, Home Rule.
 576. Mica Schist, Cootamundra.
 577. Silurian Schist, Dayspring, Parkes.
 578. Mica Schist, Wagga.
 579. Silurian Schist, Mudgee.
 580. „ Forbes.
 581. Altered Silurian Schist, Wiseman's Creek.
 582. Talcose Schist (Silurian), „
 583. Garnetiferous Schist, Washpool Creek, Solferino.
 584. Altered Silurian Conglomerate, Monkey Hill.
 585. Altered Silurian Sandstone, Murrumbateman.
 586. Hornstone (Upper Silurian), Parkes.
 587. Altered Silurian Conglomerate, Hill End.
 588. Silurian Rock, showing weathering, Fish River.
 589. Altered Silurian Sandstone, Blenheim parish.
 590. Altered Devonian Beds, Mount Lambie.
 591. Altered Conglomerate (Devonian), Barrington Diggings.
 592. Carboniferous Conglomerate, Kiama.
 593. Chert (Upper Coal Measures), Broughton's Creek.
 594. Fireclay Shale (Upper Coal Measures), Eskbank.
 595. Pebble Conglomerate (Hawkesbury Series), Bondi.
 596. Tertiary Conglomerate, Two-mile Flat, Cudgong River.
 597. Tertiary Cement, Gulgong.
 598. Columnar Sandstone (Hawkesbury Series), Botany.
 599. Sandstone, Sydney.
 600. Slickenside, Coombing, near Carcoar.

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

- No. 367. Collection of Rock Specimens—continued.
- 601. Clay Slate, Gully Swamp.
 - 602. Trachyte, Mittagong.
 - 603. Slate, O'Connell.
 - 604. Older Basalt, Tingha.
 - 605. " "
 - 606. Basalt containing Zeolites, near Mudgee.
 - 607. Limestone, Wallerawang.
 - 608. Granite, Home Rule.
 - 609. Hawkesbury Sandstone, Nepean Towers.
 - 610. Chalcedonic Quartz, Armidale District.
- No. 368. Samples of Strata passed through by the Diamond Rock Drill, and taken from various levels, to a depth of 2,170 ft., on the Sutherland Estate, near Sydney.
- No. 369. Infusorial Earth from Barraba, New South Wales.
- No. 370. Per-oxide of Manganese, from 34 miles south from Goulburn (collected by Mr. A. Armstrong, Sydney). Assay : 77.2 per cent. available per-oxide of Manganese.
- No. 371. Collection of various Minerals from New South Wales—
- 651. Spherosiderite, Newstead.
 - 652. Epidote Rock, Goree, near Mudgee.
 - 653. Pyroxene, Lucknow.
 - 654. Herschelite in Basalt, Inverell.
 - 655. Titaniferous Iron, Rocky River.
 - 656. Epidote, in Garnet Rock, Duckmaloi.
 - 657. Tourmaline, Oura, Wagga.
 - 658. Binoxide of Manganese, Kaiser G.M. Co., Mitchell's Ck.
 - 659. Asbestos, Wiseman's Creek.
 - 660. " Mount Lawson.
 - 661. " and Serpentine, Mount Lawson.
 - 662. " near Trunkey.
 - 663. " Carrangera.
 - 664. " Briar Park, near Rockley.
 - 665. " Sewell's Creek, Rockley.
 - 666. " Jones's Creek, near Gundagai.
 - 667. " " "
 - 668. " " "
 - 669. " " "
 - 670. Quartz Crystal, in Ironstone, Camden.
 - 671. Opal in Decomposed Basalt, near Trunkey.
 - 672. Salt, from Salt Lake, 20 miles N.W. of Wilcannia.
 - 673. Alum and Magnesian Salts, Cullen Bullen Caves.
 - 674. Tale, Trunkey.
 - 675. Quartz, Pseudomorph, Lunatic.
 - 676. Tertiary Ferruginous Clay, near Gulgong.
 - 677. Red Ochre, prepared from Tertiary Ferruginous Clay,
near Gulgong.
 - 678. Calcite, Bromby, near Mudgee.
 - 679. Stalactite, Bellubula Caves.
 - 680. " "

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

No. 371. Collection of various Minerals—continued.

681. Root encrusted with Sandy Mail, Middle Harbour.
 682. " " " "
 683. Calcite, Fish River 'Caves. " "
 684. Stalactite, " "
 685. Wood Opal, Home Rule.
 686. " " "
 687. " near " Wellington.
 688. Petrified Wood, Cudgegong River.
 689. " Gulgong.
 690. " Happy Valley, Gulgong.
 691. Opal, near Cowra.
 692. Aragonite, Liverpool Plains.
 693. Decomposed Slate stained with Iron, Cobar.
 694. Obsidian "Bombs," Reedy Flat, Upper Adelong.
 695. Arseniate of Lead, Gulgong.
 696. Quartz with Zinc Blende, Gulgong.
 697. Pumice Stone, Botany Coast.
 698. Arsenic, Lunatic.
 699. Mispickel, " "
 700. Molybdenite, Goodrich Copper Mine.
 701. Honestone, Bungonia.
 702. Bismuth, New England.
 703. Selenite, near Grey Range, N.W. part of the Colony.
 704. Mica.
 705. Cinnabar, Cudgegong.
 706. " " "
 707. Calcite, Pipeclay Creek, near Mudgee.
 708. Quartz Crystal, Sidmouth Valley.
 709. Calcite and Quartz Crystals with Bitumen, from Fault in
 Coal Seam, Wallsend.
 710. Fluor Spar in Devonian Beds, Mount Lambie.
 711. Agate, Namoi River.
 712. " " "
 713. " near Gulgong.
 714. " Singleton.
 715. Rock Crystal, Cooyal.
 716. Magnesite, Gulgong.
 717. Schorl from Tin-bearing Granite, Cope's Creek.
 718. Quartz Crystal in Felspar, Cooyal.
 719. Carnelian in Quartz Porphyry, Nymboi River, Clarence
 River.
 720. Smoky Quartz, Havilah, near Mudgee.
 721. Pseudomorph of Chalcedony after Quartz, Elsmore, New
 England District.
 722. Calcite, Williams and Barrington Districts.
 723. Quartz Crystal, Wellbang, near Wellington.
 724. Opal, O'Connell, near Bathurst.
 725. Amethystine Quartz, near Bathurst.
 726. Nodules of Quartz in Silurian Shales, Billabong Creek.

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

No. 371. Collection of various Minerals—continued.

- 727. Actinolite, Trunkey.
- 728. Jasper from Veins in Tertiary Basalt, Newstead, New England.
- 729. Chalcedonic Stalactite, Namoi River.
- 730. Water-stone, Home Rule.
- 731. Garnets in Wollastonite, Duckmaloi.
- 732. Garnets, Sidmouth Valley.
- 733. Agate, Duguid's Property.
- 734. Garnets, Duckmaloi.
- 735. Calc Spar, Talbragar River.
- 736. Epidote in Garnet Rock, Duckmaloi.
- 737. Kaolin, Gulgong.
- 738. Infusorial Earth containing "Melosiræ," Barraba.
- 739. Limestone Nodule, Temora Lead.
- 740. Per-oxide of Manganese, 34 miles South of Goulburn ; assay, 77.2 per cent., available per-oxide of Manganese.
- 741. Quartz Crystal, Glenlyon.
- 742. " "
- 743. Aerolite, Bingera. "
- 744. Chondrodite, near Gulgong.
- 745. Barytes, Nangunna, near Albury.
- 746. Fireclay Shale, Lithgow Valley.
- 747. Petrified Wood, Solferino.
- 748. Hone Stone, Bega.
- 749. " "
- 749A. Sulphide of Bismuth, Glen Innes.

GEM-STONES.

No special search has been made for Gem-stones in New South Wales, and those hitherto found are the result of the casual discoveries of the gold-miner.

DEPARTMENT OF MINES, Sydney.

No. 372. Collection of New South Wales Gem-stones.

- 1. Emerald, from Kiandra.
- 2. Zircon, from Abercrombie.
- 3. Oriental Topaz, from N.S.W.
- 4. Sapphire (4), from N.S.W.
- 5. Cairngorm, from New England.
- 6. Cat's-eye, from N.S.W.
- 7. Moonstone, from N.S.W.
- 8. Olivine, from New England.
- 9. Amethyst, from Dubbo.
- 10. Quartz (cut), from N.S.W.
- 11. Quartz, smoky, from N.S.W.
- 12. Opal, from near Trunkey.
- 13. Rubies, from Mudgee.
- 14. Oriental Topaz, from Mudgee.
- 15. Diamonds (15), from N.S.W.
- 16. Diamond, from Burrendong.

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

No. 372. Collection of N.S.W. Gem-stones—continued.

17. Opal (rough), from N.S.W.
18. Topaz (rough), from Gulgong.
19. Agates (22), from Mt. Pool, Gray Range.
20. Zircons, from N.S.W.
21. Sapphires (rough), from N.S.W.
22. Tourmaline Crystals, from N.S.W.
23. Emeralds (rough), from N.S.W.
24. Garnets (rough), from N.S.W.
25. Carnelian, from Bingera.
26. Diamond Drift, from Bingera.

PROFESSOR A. LIVERSIDGE, University of Sydney.

- No. 373.
1. Green Sapphire or Oriental Emerald, Bingera, N.S.W.
 2. " " " " " "
 3. Sapphire (royal blue), Bingera, N.S.W.
 4. " " " " " "
 5. " (pale blue), Inverell, "
 6. " (small specimens), "
 7. " or Oriental Emerald, Cudgegong, N.S.W.
 8. Topaz (colourless), Inverell, N.S.W.
 9. " " " " " "
 10. Opal (small), N.S.W.
 11. " (flawed), "
 12. Zircon, Mudgee, N.S.W.
 13. " " " "
 14. " " " "
 15. Cat's-eye, Western District, N.S.W.
 16. Pearl, Queensland.
 17. " (irregular), Queensland.
 18. Pearls (6, irregular), "

BUILDING STONES.

Almost every variety of Building Stone may be obtained in New South Wales. In and around the city of Sydney there are numerous quarries in the sandstone of the Hawkesbury formation, which is one of the upper members of the Carboniferous group. This sandstone, which for colour and texture can hardly be surpassed for building purposes, is the stone most commonly used in the construction of the public and private buildings in Sydney. Extensive deposits of marble, of Silurian and Devonian ages, occur in several places in the Colony. The black variety from the Marulan, and the white from the Cow Flat Marble Quarries, have been used in flooring the Great Hall of the Sydney University. The marble near Wallerawang is thus described by Mr. C. S. Wilkinson, I.S., F.G.S., Government Geologist, on his geological survey map of the Wallerawang and Bowenfels District:—

CLASS 82—continued.

“Thick beds of coralline limestone of very pure quality. It forms a compact marble of various tints, white, cream, and dove-coloured, and sometimes with pink markings. It dresses well, takes an excellent polish, and may be obtained in blocks of almost any required size and quantity. Situated as it is, only 7 miles from the Wallerawang Railway Station, it will be available for the Iron-smelting Works in the district, and will afford a source of large supply for the Sydney market. The limestone consists almost entirely of corals—*Favosites gothlandica*, *Favosites polymorpha*, *Lithostrotion*, and others, and mollusks as yet undetermined.”

The dark purple and red marbles from the Macleay and Tamworth Districts are very handsome when polished, and suitable for ornamental purposes.

Granite occurs in great abundance, and in every variety of texture and colour ; it is used in Sydney for building and decorative purposes.

Fine samples of sandstone flagging are exhibited from the Wagga and Burrowa Districts.

DEPARTMENT OF MINES, Sydney.

No. 374. Collection of Building Stones from New South Wales :—

750.	Marble,	Marulan.
751.	”	near Cowra.
752.	”	Wallerawang.
753.	”	Marulan.
754.	”	near Wallerawang.
755.	”	Abercrombie Caves.
756.	”	Port Stephens.
757.	”	Murrumbateman.
758.	”	Railway Cutting, near Yass.
759.	”	near Forbes.
760.	”	Bookham, county Harden.
761.	”	Wallerawang.
762.	”	Tarabandera, near Tumut.
763.	”	Marulan.
764.	”	Bookham, county Harden.
765.	”	parish Carrawabbity, county Ashburnham.
766.	”	Marulan.
767.	”	Tarrago Creek.
768.	”	Manning River.
769.	”	Wallerawang.
770.	”	Marulan.
771.	”	Bookham, county Harden.
772.	”	Murrumbateman.
773.	”	near Wellington.
774.	”	Tarrago Creek.
775.	”	Havilah, near Mudgee.
776.	”	Rockley.
777.	”	Wallerawang.
778.	”	Cow Flat.
779.	”	near Wellington.
780.	”	Wallerawang.
781.	”	Yass.
782.	”	Bathurst.
783.	”	Marsden, county Monteaagle.
784.	”	Silverdale, near Bowning.

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

No. 374. Collection of Building Stones—continued.

785. Marble, near Wellington.

786. „ near Tamworth.

787. „ „

788. Limestone (polished by Wallabies passing over it), Fish

789. Polished Serpentine, Manning River. River Caves.

790. Marble, Blayney.

791. „ „

ALEXANDER COCKRANE, Kempsey, Macleay River.

No. 375. Marble.

G. COCKRANE, North Willoughby.

No. 376. Bricks and Earthenware Clay.

W. R. GIBBS, Newtown, Wagga.

No. 377. Flagging.

R. SAUNDERS, Ultimo.

No. 378. 12 Blocks of Freestone.

JOHN YOUNG, Contractor, Sydney.

No. 379. Samples of Sandstone from the Exhibitor's quarries, Sydney.

R. SAUNDERS, Ultimo.

No. 380. 12 Blocks of Freestone.

THOMAS BROWN, Bishop's Bridge, West Maitland.

No. 381. Specimens of Sandstone (dressed) from Ravensfield Quarries.

DAVID JOSEPH O'NEILL, Burrowa, N. S. Wales.

No. 382. Eureka Flagging of natural level surfaces ; uniformity of thickness throughout each slab ; cream colour ; all thickness in quarry and obtainable up to 50 superficial feet, admitted by building trade to be hardest stone flagging in use.

No. 383. Collection of Building Stones exhibited by Jas. Barnet, Esq., Colonial Architect, including samples of sandstone from Forbes, Barrenjuey, Wilcannia, and Rylestone ; Granite from near Albury and Montague Island ; Marble from Mudgee. Model of Light-house at Barrenjuey in sandstone, of which the Light-house is constructed.

SILVER, LEAD, ANTIMONY, AND BISMUTH.

Samples of Antimony Ore from various localities, and half a ton of Star Antimony of fine quality are exhibited. The value of the antimony raised to December 31st, 1879, amounts to £10,178. Hitherto but little attention has been devoted to the development of the antimony lodes ; but it is believed that this branch of mining will become of considerable importance, as some extensive lodes have recently been opened in the Macleay and Armidale districts. The value of the silver raised in 1879 amounted to £18,071, the total value of the production to that date being £143,501 ; of this, the greater portion is from the Boorook Mines, near Tenterfield, where rich lodes have been discovered. Galena, sulphuret of lead, is of common occurrence throughout the mining districts of New South Wales, but the lodes hitherto discovered have not been profitably worked. A lode of bismuth ore is being worked in the Glen Innes District, and the occurrence of ores of this metal has been proved in other parts of the Colony.

CLASS 82—continued.

DEPARTMENT OF MINES, Sydney.

No. 384. Collection of Silver, Lead, and Antimony Ores from New South Wales :—

Samples of Silver Ores from the Boorook Silver Mines, New South Wales,
Collected by the Boorook International Exhibition Committee.

No.	Reef.	Depth.	Width.	Owner.
1	Golden Age	surface..	.....	Carmichael & Co.
2	"	20 ft.	6 ft.	"
3	"	25 ft.	5 to 6 ft.	"
4	"	30 ft.	"	"
5	"	35 ft.	"	"
6	Curran's Reef	surface	2 ft.	Boorook Gold and Silver Mining Company
7	"	20 ft.	18 in.	"
8	"	45 ft.	12 in.	"
9	" (foot wall)....	"	"	"
10	" (hanging wall)	"	"	"
11	Murray's River	surface	15 in.	J. W. Hall & Co.
12	Lord Loftus	"	12 in.	"
13	Grand Junction, No. 1.....	"	10 in.	Brown & Co.
14	"	15 ft.	1 ft.	"
15	"	30 ft.	2 ft. 3 in.	"
16	" (west wall)	surface	"	"
17	"	30 ft.	"	"
18	" (east wall)	surface	"	"
19	"	30 ft.	"	"
20	Golden Age, No. 1 North....	surface	12 in.	G. Westhoven & Co.
21	"	70 ft.	2½ ft.	"
22	"	74 ft.	4 ft.	"
23	" (foot wall)	surface	"	"
24	" (hanging wall)	"	"	"
25	" (foot wall)	70 ft.	"	"
26	" (hanging wall)	"	"	"
27	East Golden Age	20 ft.	20 in.	Davis & Co.
28	100 ft. east of No. 27	"	6 in.	"
29	East Golden Age	"	"	"
30	"	"	"	"
31	Leviathan	surface	3 ft.	Boorook Gold and Silver Mining Company
32	"	10 ft.	3½ ft.	"
33	"	19 ft.	4 ft.	"
34	" (west wall)	"	"	"
35	" (east wall)	"	"	"
36	Golden Age, north end of claim.	surface	3 ft.	Horton & Co.
37	"	10 ft.	3 ft.	"
38	"	20 ft.	3½ ft.	"
39	"	30 ft.	4 ft.	"
40	"	40 ft.	"	"
41	"	50 ft.	4½ ft.	"
42	"	60 ft.	5 ft.	"
43	"	70 ft.	"	"
44	" (centre of claim)	"	"	"
45	"	"	2 ft.	"
46	" (west wall)....	"	"	"
47	" (east wall)....	"	"	"
48	" south end of claim	50 ft.	4½ ft.	"
49	"	"	"	"
50	" (east wall)....	"	"	"
51	"	60 ft.	"	"
52	Clifton Reef	surface	3 ft.	Carr & Co.
53	" (east wall)....	"	"	"
54	Oriental Reef	"	"	Hawkins & Co.
55	Alderman Reef	"	"	Horton & Co.
56	Golden Age Prospecting Claim, north end.	70 ft. ....	.....	"
57	" Grand Junction casing of reef..	20 to 30 ft.	18 in.	Ferguson & Co.
58	" (east wall)	"	"	"
59	"	"	"	"
60	" (west wall)....	"	"	"
61	Mysterious Prospecting Claim.	surface	2 ft.	Yates & Co.
62	Mysterious, No. 62, W.	"	"	"
63	" No. 63, W.	"	4 ft.	"
64	" adjoining No. 64, W.	"	10 ft.	"
65	" adjoining No. 65, W., eas tern face of lode.	"	2 ft.	"

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

No. 384. Collection of Silver, &c.—continued.

No.	Reef.	Depth.	Width.	Owner.
66	Mysterious (east wall).....	surface	2 ft.	Yates & Co.
67	" (west wall)	"	"	"
68	Golden Age P. C.	70 ft.	5 ft.	Horton & Co.
69	Addison P. C.	20 ft.	"	"
70	" (east wall)	"	"	"
71	" No. 2, N.	"	6 ft.	"
72	" P. C.	"	"	"
73	Golden Age (burned stone)..	various..	"	"
74	Golden Crown Prospecting Claim.	40 ft.	1 to 2 ft.	Boorook Gold and Silver Mining Company
75	"	30 ft.	2 ft.	"
76	"	15 ft.	18 in.	"
77	"	40 ft.	23 in.	"
78	" casing of reef ..	"	"	"
79	Golden Crown P. C.	surface	"	"
80	North Pole Prospecting Claim	"	"	Williams & Co.
81	Cornstock P. C.	25 to 30 ft.	2 ft.	Johnson & Co.
82	Addison, No. 2, N.	15 ft.	6 ft.	Horton & Co.
83	" No. 1, N.	20 to 45 ft.	10 ft.	Flannery & Co.
84	Mariners' Reef	surface	"	Murray & Co.
85	"	40 to 60 ft.	6 ft.	"
86	Woolshed P. C.	52 ft.	2½ ft.	J. E. Ellis & Co.
87	John Moffat P. C.	"	"	Boorook Gold and Silver Mining Company
88	" No. 1, N.	47 ft.	3 ft.	A Lindale.
89	" P. C.	33 ft.	"	Boorook Gold and Silver Mining Company
90	Tenterfield	12 ft.	2 ft.	"
91	Samples of Silver Ores from Messrs. Hall, Bros., Nil Desperandum Reef, Boorook.			

611. Galena, Good Hope Mine, near Yass.
612. " Mylora, near Yass.
613. " Sebastopol Reef, Junee.
614. " Garibaldi Reef, near Young.
615. " Murrumburrah.
616. " Eurongilly.
617. " Winterton Mine, Mitchell's Creek.
618. " Mitchell's Creek.
619. " Ravenswood.
620. " Penguin Creek.
621. " Merimbula.
622. " Ravenswood.
623. " Burragorang.
624. " Moruya.
625. " Glen Innes.
626. " Mitchell's Reef, Wellington.
627. Cerussite, Peelwood.
628. " "
629. Galena, Field's Claim, Major's Creek.
630. " near Bathurst.
631. Sulphuret of Antimony, "Never Flinch Mine," Macleay District.
632. " "
633. " "Lady Mary Claim," "
634. " Toorooka Mine, "
635. " Thomas' Mine, "
636. " Toorooka Mine, "
637. " W. W. Bolt's Mine, "
638. " Dangar's Falls, near Armidale.

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

- No. 384. Collection of Silver, &c.—continued.
- | | |
|------|--------------------------------------|
| 639. | Sulphuret of Antimony, Nundle. |
| 640. | „ Gineroi, N.E. of Bingera. |
| 641. | „ New England. |
| 642. | „ Caragula, Macleay River. |
| 643. | „ Gara, near Armidale. |
| 644. | „ Sharpening Stone Creek, near Yass. |
| 645. | „ Porter and Burns, near Nundle. |
| 646. | „ Gundagai. |
| 647. | „ near Wallerawang. |
| 648. | „ Washpool Creek, near Solferino. |
| 649. | „ Lunatic. |
| 650. | „ Peelwood. |
- No. 385. Star Antimony, Sulphuret of Antimony, &c., from the following Mines, Macleay River District :—Thomas' Mine ; Lane and Party, "Never Flinch Mine;" Shaw and Party, "Lady Mary Claim;" W. W. Bolt's Mine ; J. A. Wilson, Frederickton ; Messrs. Rudder and Thornton's "Toorooka Mine."
- H. HERRENSCHMIDT, East Kempsey.
- No. 386. Native Oxide and Sulphide of Antimony ; Crude Antimony ; Antimony Regulus produced by double decomposition ; Star Antimony or French Metal ; Artificial Oxide of Antimony ; different alloys in which Antimony is used.
- No. 387. Different Paints and Chemicals produced from Antimony Ores.

COOK, BROTHERS, Harris-street, Ultimo.

- No. 388. Antimony Ore, Star Antimony, &c.

R. A. BARBER, Yass.

- No. 389. Galena.

E. RUDDER, Junr., Oaklands, Macleay River.

- No. 390. Collection of Lead and Silver Ores and Marble from Macleay River District :—
- | | |
|-----|--|
| 1. | Marble, Dandingalong. |
| 2. | Calcite, Sebastopol (from Caves in Limestone). |
| 3. | „ „ „ |
| 4. | Silver Ore, Warrell Creek (surface stone). |
| 5. | „ Euroka Creek. |
| 6. | „ Warrell Creek. |
| 7. | „ „ E. Rudder's Mineral Selection. |
| 8. | „ Euroka Creek, (surface stone). |
| 9. | „ Warrell Creek. |
| 10. | „ „ (surface stone). |
| 11. | „ Euroka Claim, „ |
| 12. | „ Warrell Creek, Vein No. 6, 2 ft. from surface. |
| 13. | „ „ „ No. 2, 8 ft. „ |
| 14. | „ „ „ No. 4, (surface stone). |
| 15. | „ „ „ No. 2, 4 ft. from surface. |
| 16. | „ „ „ No. 1, 15 ft. „ |
| 17. | „ „ „ No. 3, 5 ft. „ |

CLASS 82—continued.

E. RUDDER, Junr.—continued.

No. 390. Collection of Lead, &c.—continued.

18. Sample of Rock in which the veins occur at Warrell's Creek.

19. Oxide of Iron and Baryta, Euroka Creek, 12 ft. from surface.

R. TOWNS & Co., Sydney.

No. 391. Bismuth Lode Stuff, from the "Bruce Mine," New England District. The ore being washed by tin dish. Width of lode, 18 inches. The property of the Hon. Alexander Stuart, M.P.

AUSTRALIAN ASBESTOS COMPANY, Gundagai.

No. 392. Asbestos and its connections; Asbestos in the crude, and in its various prepared states.

HENRY COPELAND, M.P., Newtown.

No. 393. Quartz Crystals, from Peel River.

JOHN LUCAS, M.P., Camperdown.

No. 394. Stalactites, from Binda or Fish River Caves.

E. W. RUDDER, senior, East Kempsey, Macleay River.

No. 395. Collection of pigments made from minerals obtained from Macleay River District; also two specimens of Polishing Powders; one specimen of Hone Stone; 5 specimens minerals.

Hon. SAUL SAMUEL, C.M.G., M.L.C., Sydney.

No. 396. Vesicular Basalt, containing opal from Rocky Bridge Creek, Abercrombie.

CONRAD IEKE, Throsby-street, Wickham, Newcastle.

No. 397. Nickel Ore from New Caledonia. An ingot of Nickel extracted from the ore by a new process by the exhibitor. An ingot of German Silver produced from same Nickel by the exhibitor. Two ingots of white metal, produced and invented by exhibitor.

PATRICK MAGRATH, Yass.

No. 398. Samples of Soils.

DEPARTMENT OF MINES, Sydney.

No. 399. Collection of the Characteristic Fossils illustrative of the principal Sedimentary Formations of New South Wales; selected chiefly from the collection of the late Rev. W. B. Clarke, M.A., F.R.S. Arranged by C. S. Wilkinson, L.S., F.G.S., Government Geological Surveyor:—

SILURIAN.

Division, *Thallogene*.1. Spirophyton (?) cauda } Duntroon.
phasiani }Division, *Protozoa*; class, *Rhizopoda*; order, *Spongida*.2. Stromatopora striatella ... Bell River.
3. Receptaculites Clarkei ... Yarradong.

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

SILURIAN—continued.

Division, *Coelenterata*; class, *Actinozoa*; order, *Rugosa*.

- | | | | |
|-----|--|-----|------------------|
| 4. | <i>Strombodes diffluens</i> | ... | Berudba River. |
| 5. | <i>Ptychophyllum petallatum</i> | | Dangelong. |
| 6. | <i>Omphyma Murchisoni</i> | ... | Burradong. |
| 7. | <i>Cyathophyllum helionthoides</i> | | Yass Plains. |
| 8. | <i>articulatum</i> | | Burrawang |
| 9. | <i>Cystiphyllum Siluriense</i> | ... | " |
| 10. | <i>Rhyzophyllum inter-</i> | } | Rock Flat Creek. |
| | <i>punctatum</i> (plate 1,
fig. 14) | | |

Order, *Tubulosa*.

- | | | | |
|-----|-----------------------------|-----|-------------|
| 11. | <i>Aulopora fasciculata</i> | ... | Bell River. |
|-----|-----------------------------|-----|-------------|

Class, *Echinodermata*; order, *Asteroidea*.

- | | | | |
|------|----------------------|-----|----------|
| 11A. | <i>Palæaster</i> ... | ... | Bombala. |
|------|----------------------|-----|----------|

Order, *Tabulata*.

- | | | | |
|-----|---------------------------------|-----|------------------|
| 12. | <i>Syringopora serpens</i> | ... | Deleget River. |
| 13. | <i>Monticulipora Bowerbanki</i> | | Rock Flat Creek. |
| 11. | <i>pulchella</i> | ... | Bell River. |
| 14. | <i>Alveolites repens</i> | ... | Yarralumla. |
| 15. | " " | ... | Yarradong. |
| 16. | <i>rapa</i> | ... | Burradong. |
| 17. | <i>septosa</i> ... | ... | Limestone Creek. |
| 18. | <i>Striatopora Australica</i> | | Yarralumla. |
| 19. | <i>Favosites fibrosa</i> | ... | Broombee. |
| 20. | <i>Gothlandica</i> | ... | Yass. |
| 21. | <i>multiopora</i> | ... | Burrawang. |
| 22. | <i>cristata</i> | ... | " |
| 23. | <i>aspera</i> | ... | Boree. |
| 24. | <i>Forbesi</i> | ... | Burrawang. |
| 25. | <i>Heliolites interstincta</i> | ... | Broombee. |
| 26. | <i>Murchisoni</i> | ... | Burrawang. |
| 27. | <i>megostoma</i> | ... | " |
| 28. | <i>Propora tabulata</i> | ... | Bell River. |
| 29. | <i>Plasmopora petaliformis</i> | ... | " |
| 30. | <i>Halysites escharoides</i> | ... | Near Wellington. |

Division, *Molluscoidea*; class, *Brachiopoda*.

- | | | | |
|-----|-------------------------------|-----|------------------|
| 31. | <i>Chonetes striatella</i> | ... | Quedong. |
| 32. | <i>Leptæna quinquicostata</i> | ... | Yarralumla. |
| 33. | <i>Strophomena pecten</i> | ... | " |
| 34. | <i>rhomböidalis</i> | | Rock Flat Creek. |
| 35. | <i>furniculata</i> | ... | Bell River. |
| 36. | <i>pecten</i> | ... | Dangelong. |
| 37. | <i>Strophomena fibrosa</i> | ... | Cudgegong. |
| 38. | <i>Pentamerus oblongus</i> | ... | Yarralumla. |
| 39. | <i>Knightii</i> | ... | " |
| 40. | <i>Atrypa hemisphaerica</i> | ... | Yarralumla. |

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

SILURIAN—continued.

Division, *Molluscoidea* ; class, *Brachiopoda*.

- | | | | |
|-----|-------------------------------|-----|------------------------|
| 41. | <i>Atrypa reticularis</i> ... | ... | Duntroon. |
| 32. | <i>Retiza Salteri</i> | ... | Yarralumla. |
| 42. | <i>Spirifer crispus</i> | ... | Dangelong. |
| 43. | <i>Meristella tumida</i> ... | ... | Slaughter-house Creek. |
| 44. | <i>Orthis canaliculata</i> | ... | Bell River. |

Division, *Mollusca* ; class, *Lamellibranchiata*.

- | | | | |
|-----|------------------------|-----|-------------|
| 40. | <i>Pterinea pumila</i> | ... | Yarralumla. |
| 45. | „ <i>ampliata</i> | ... | Dangelong. |

Class, *Gasteropoda* ; order, *Prosobranchiata*.

- | | | | |
|-----|----------------------------|-----|------------------|
| 46. | <i>Euomphalus</i> | ... | ... |
| 47. | „ <i>Clarkei</i> | ... | Yass. |
| 48. | „ <i>pleurophorus</i> .. | ... | Limestone Creek. |
| 49. | „ <i>solaroides</i> | ... | Rock Flat Creek. |
| 50. | <i>Bellerophon Jukesii</i> | ... | „ |

Class, *Pteropoda* ; section, *Thecosomata*.

- | | | | |
|-----|---------------------------|-----|------------------|
| 51. | <i>Conularia Sowerbyi</i> | ... | Rock Flat Creek. |
|-----|---------------------------|-----|------------------|

Class, *Cephalopoda* ; order, *Tetrabranchiata*.

- | | | | |
|-----|------------------------|-----|------------------|
| 52. | <i>Orthoceras ibex</i> | ... | Rock Flat Creek. |
|-----|------------------------|-----|------------------|

Class, *Crustacea* ; order, *Ostracoda*.

- | | | | |
|-----|-------------------------|-----|-------------|
| 54. | <i>Entomis pelagica</i> | ... | Yarralumla. |
|-----|-------------------------|-----|-------------|

Class, *Crustacea* ; order, *Trilobite*.

- | | | | |
|-----|------------------------------------|-----|---------------------------|
| 55. | <i>Illenus Wahlenbergi</i> | ... | Boree Cavern. |
| 56. | <i>Staurocephalus Clarkei</i> | ... | Rock Flat Creek. |
| 57. | <i>Cheirurus insignis</i> ... | ... | Yarralumla. |
| 14. | <i>Encrinurus</i> or <i>Cromus</i> | ... | „ |
| 58. | „ <i>Barrandei</i> | ... | „ |
| 59. | „ <i>punctatus</i> | ... | Yass. |
| 45. | „ | ... | Dangelong. |
| 60. | „ <i>Barrandei</i> | ... | Yarralumla. |
| 33. | <i>Cromus Bohemicus</i> | ... | „ |
| 61. | „ <i>Murchisoni</i> | ... | Duntroon. |
| 62. | <i>Calymene Blumenbachii</i> | ... | Yarralumla. |
| 58. | <i>Proetus Stokesii</i> | ... | „ |
| 63. | <i>Bronteus goniopeltis</i> | ... | Rock Flat Creek. |
| 64. | „ <i>Partschii</i> | ... | Boree Cavern. |
| 65. | <i>Harpes ungula</i> | ... | „ |
| 66. | <i>Lichas nr palmata</i> . | ... | Rock Flat Creek. |
| 67. | <i>Phacops caudatus</i> | ... | Yass. |
| 68. | „ | ... | „ |
| 69. | <i>Phacops longicandatus</i> | ... | Silverdale, near Bowning. |
| 70. | „ | ... | „ |
| 71. | „ <i>fecundus</i> ... | ... | Yass. |
| 72. | „ | ... | „ |

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

DEVONIAN.

Division, *Protozoa* ; Class, *Rhizopoda* ; Order, *Spongida*.73. *Archæocyathus Clarkei* ... Yarradong.Division, *Coelenterata* ; Class, *Actinozoa* ; Order, *Rugosa*.74. *Phillipsastrea Verneulii* ... Cope's Gully.75. *Cyathophyllum obtorum* ... Quedong.76. " *vermiculare* ... near Yass.77. " *helianthoides* ... Quedong.

78. " " ... Yass.

79. " *Damnoniense* ... Yarralumla.80. " nr *Cœspetosum* ... Monaro.81. " *ceratites* ... Murrumbidgee.82. *Campophyllum flexuosum* ... Quedong.83. *Amplexus Selwyni* ... "84. " *Clarkei* ... Yarradong.85. *Coenites expansus* ... "86. *Billingsia alveolaris* ... "87. *Syringopora fuscicularis* ... "88. " *cœspetosa* ... "89. *Alveolites obscurus* ... "90. *Favosites* ... Yass Plains.91. " *reticulata* ... near Yass.92. " *basaltica* ... near Broombee.93. " *reticulata* ... Monara.94. " *fibrosa* ... Quedong.95. " *alveolaris* ... Calamine.96. " *Goldfussi* ... Yarradong.97. *Heliolites porosa* ... Monara.98. *Chonophyllum* ... Limestone Creek.Division, *Molluscoidea* ; Class, *Bryozoa*.99. *Chetetes lycoperdon* ... Yarradong.Division, *Molluscoidea* ; Class, *Brachiopoda*.100. *Chonetes Hardrensis* ... Yarradong.101. " *coronata* ... Hampden Hall, Kempsey.102. *Orthis interlineata* ... Yarradong.103. " *striatella* ... Allyn River.104. *Leptœna interstitialis* ... Murrumbidgee River.

105. " " ... Allyn River.

106. *Pentamerus pumilis* ... Yarradong.107. *Rhynchonella pleurodon* ... Mt. Lambie107. " *pugnus* ... "105. " *pleurodon* ... Allyn River.105. " *cuboides* ... "108. *Atrypa desquamata* ... Yarradong.109. " *reticularis* ... "110. " *plicatella* ... "111. *Spirifer nudus* ... "112. " *latisinuatus* ... "

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

DEVONIAN—continued.

Division, *Molluscoidea* ; Class, *Brachiopoda*.

113.	<i>Spirifer</i>	<i>Yassensis</i>	...	"
106.	"	<i>nr Paillettei</i>	...	"
100.	"	<i>glickamus</i>	...	"
114.	"	<i>cabedanus</i>	...	"
115.	"	<i>multiplicatus</i>	...	"
110.	"	<i>cristatus</i>	...	"
116.	"	<i>disjunctus</i>...	...	"
117.	"	"	...	Bungonia.
118.	"	<i>Yassensis</i> ...	...	Yarradong.
119.	<i>Discina</i>	<i>Allegania</i> ...	...	"
120.	<i>Strophomena</i>	<i>nobilis</i>	...	"
121.	"	<i>subaquicostata</i>...	...	"

Division, *Mollusca* ; Class, *Lamellibranchiata*.

122.	<i>Tellinomya</i>	<i>Clarkei</i>	...	Yarradong.
123.	<i>Pterinea</i>	<i>laminosa</i>	...	"
124.	<i>Conocardium</i>	<i>Sowerbyi</i>	...	"
125.	<i>Paracyclas</i>	<i>eliptica</i>	...	"

Class, *Gasteropoda*.

113.	<i>Dentalium</i>	<i>antiquum</i>	...	Yarradong.
126.	"	<i>tenuissimum</i>	...	"
119.	<i>Murchisonia</i>	<i>subangulata</i>	...	"
127.	"	<i>granifera</i>	...	"
128.	"	<i>turris</i>	...	"
129.	<i>Pleurotomaria</i>	<i>subconica</i>	...	"
130.	<i>Euomphalus</i>	<i>Bigsbyi</i>	...	"
132.	"	<i>nodulosus</i>	...	"
104.	<i>Loxonema</i>	<i>antiquum</i>	...	"
133.	"	<i>Anglicum</i>	...	"
134.	"	<i>antiquum</i>	...	"
135.	<i>Niso</i>	<i>Darwinii</i>	...	"
136.	<i>Loxonema</i>	<i>deperditum</i>	...	near Yass.
137.	<i>Naticopsis</i>	<i>cirrifformis</i>	...	"

Class, *Cephalopoda* ; Order, *Tetrabranchiata*.

138.	<i>Goniatites</i>	<i>Woodsii</i>	...	Yarralumla.
139.	<i>Cyrtoceras</i>	<i>textile</i>	...	Yarradong.
140.	<i>Orthoceras</i>	<i>subdimidiatum</i>	"
141.	"	<i>lineare</i>	...	"

Plantae.

142.	<i>Lepidodendron</i>	<i>nothum</i>	...
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CLASS 82—continued.

DEPARTMENT OF MINES—continued.

CARBONIFEROUS.

(Including Lepidodendron Series and Lower and Upper Marine Series.)

Planta.

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|-------------------------------------|-----|-----|-----------------|
| 143. <i>Bornia radiata</i> | ... | ... | Williams River. |
| 144. <i>Rhacopteris (otopteris)</i> | } | ... | Port Stephens. |
| „ <i>Lepidodendron nothum</i> | | | |
| 145. <i>Rhacopteris</i> | ... | ... | Stroud. |
| 146. <i>Sphenopteris</i> | ... | ... | „ |

Class, *Polypi*; Order, *Zoantharia*; Section, *Rugosa*.

- | | | |
|--------------------------------------|-----|--------------------------|
| 147. <i>Axophyllum Thomsoni</i> | ... | Jarvis Bay. |
| 148. <i>Lithostrotion irregulare</i> | ... | Wollongong. |
| 149. „ <i>basaltiforme</i> | .. | Limestone Creek. |
| 150. „ „ | ... | 34 miles from Newcastle. |
| 151. <i>Cyathophyllum inversum</i> | ... | Colo Colo. |
| 152. <i>Lophophyllum corniculum</i> | .. | „ |
| 153. <i>Amplexus arundinaceus</i> | ... | „ |
| 154. <i>Zaphrentis robusta</i> | ... | Burrageood. |
| 155. „ <i>cainodon</i> | ... | „ |

Order, *Tubulosa*.

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|-------------------------------------|-----|-------------|
| 156. <i>Cladochonus tenuicollis</i> | ... | Burrageood. |
|-------------------------------------|-----|-------------|

Section, *Tabulata*.

- | | | |
|------------------------------------|-----|-------------------------|
| 157. <i>Syringopora reticulata</i> | ... | Muree, Raymond Terrace. |
| 158. „ <i>ramulosa</i> | ... | Burrageood. |
| 159. <i>Favosites ovata</i> | ... | „ |

Class, *Echinodermata*; Order, *Crinoidea*.

- | | | |
|------------------------------------|-----|-------------------------------|
| 160. <i>Platycrinus laevis</i> | ... | Glen William. |
| 161. <i>Cyathocrinus Konincki</i> | ... | Shoalhaven River. |
| 162. „ „ | } | Woolamboola, near Jarvis Bay. |
| 163. Stems of <i>Poteroocrinus</i> |  | } | Black Head. |
| „ „ <i>Actinocrinus</i> | | |

Class, *Bryozoa*; Order, *Cyclostomata*.

- | | | |
|---------------------------------------|-----|-----------------------------------|
| 164. <i>Fenestella Morrisii</i> | ... | Burrageood. |
| 165. <i>Protoretopena ampla</i> (with | } | Twenty-mile Cutting, Stony Creek. |
| <i>Productus brachythcerus</i>) | | |
| 166. <i>Polypora papillata</i> ... | ... | Williams River. |
| 167. „ „ | ... | Buchan, Gloucester River. |

Class, *Brachiopoda*.

- | | | |
|----------------------------|-----|-------------------|
| 168. <i>Productus cora</i> | ... | Tilleyghary Hill. |
| 169I. „ <i>fimbriatus</i> | ... | Williams River. |
| 170. „ | ... | Marangaroo. |
| 171I. „ <i>fimbriatus</i> | } | Williams River. |
| „ II. „ <i>scabriculus</i> | | |

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

CARBONIFEROUS—continued.

Class, *Brachiopoda*.

172.	<i>Productus</i>	<i>fimbriatus</i>	...	near Tilleyghary.
173.	"	<i>brachythoerus</i>	...	between Muree & Morpeth.
174.	"	<i>Clarkei</i>	...	Branxton.
175.	"	<i>punctatus</i>	...	Buchan, Gloucester River.
176.	"	<i>fragilis</i>	...	Burrageood.
177.	"	<i>semireticulatus</i>	..	Glen William.
178.	"	<i>aculeatus</i>	...	Burrageood.
179.	"	<i>brachythoerus</i>	...	Stony Creek.
180.	"	<i>semireticulatus</i>	..	Glen William.
181.	<i>Chonetes</i>	<i>Laguessiana</i>	...	Burrageood.
182.	"	<i>papilionacea</i>	...	Wollongong.
183.	<i>Strophomena</i>	<i>analoga</i>	...	Colo Colo.
184.	"	"	...	Burrageood.
185.	<i>Orthotetes</i>	<i>crenistria</i>	...	between Karuah & Dungog.
186.	<i>Orthis</i>	<i>Michelini</i>	...	Buchan, Gloucester River.
187.	"	<i>resupinata</i>	...	Colo Colo.
188.	"	<i>Michelini</i>	...	"
189.	<i>Rhynchonella</i>	<i>pleurodon</i>	...	Burrageood.
190.	"	"	...	"
191.	"	<i>inversa</i>	...	Muree.
192.	<i>Athyris</i>	<i>ambigua</i>	...	Burrageood.
193.	"	"	...	Colo Colo.
194.	<i>Spirifer</i>	<i>convolutus</i>	...	Ellalong.
195.	"	<i>glaber</i>	...	"
196.	"	"	...	Nowra.
197.	"	<i>Tasmaniensis</i>	...	Wingen.
198.	"	<i>exsuperans</i>	...	Glen William.
199.	"	<i>bisulcatus</i>	...	Burrageood.
200.	"	"	...	Williams River.
201.	"	<i>lineatus</i>	...	Colo Colo.
202.	"	"	...	between Karuah & Dungog.
203.	"	<i>duodecimcostatus</i>	...	Ellalong.
204.	"	<i>convolutus</i>	...	"
205.	"	"	...	"
206.	"	<i>pinquis</i>	...	Glen William.
207.	"	<i>Strzeleckii</i>	...	Thirty-four-mile Cutting, near Maitland.
208.	"	<i>Darwinii</i>	...	between Maitland & Muree.
209.	"	<i>subradiatus</i>	...	Stony Creek.
210.	"	<i>vespertilio</i>	...	Burrageood.
211.	"	<i>latus</i>	...	Colo Colo.
212.	"	<i>crebristria</i>	...	Burrageood.
213.	"	<i>pinquis</i>	...	"
214.	<i>Spiriferina</i>	<i>cristata</i>	...	Colo Colo.
215.	<i>Spirifer</i>	<i>oviformis</i>	...	"
216.	<i>Terebratulula</i>	<i>sacculus</i>	...	Jarvis Bay.
217.	"	"	...	Muree.
218.	"	"	...	Jarvis Bay.

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

CARBONIFEROUS—continued.

Class, *Brachiopoda*.

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|------|----------------------------|-----|-----------------|
| 219. | <i>Atrypa planosulcata</i> | ... | Burrageod. |
| 220. | „ | „ | „ |
| 221. | <i>Hemitrypa hibernia</i> | ... | Williams River. |

Division, *Mollusca* ; Class, *Lamellibranchiata*.

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|------|---------------------------------|--------------------|------------------------------------|
| 222. | <i>Scaldia depressa</i> | ... | Gloucester River. |
| 223. | <i>Sanguinolites Mitchellii</i> | ... | Ellalong. |
| 224. | „ | <i>undulatus</i> | Burrageod. |
| 225. | „ | <i>Etheridgii</i> | Mount Victoria. |
| 226. | „ | <i>curvatus</i> | Gimbella Mountains. |
| 227. | <i>Cardiomorpha striatella</i> | ... | Ichthodorus Range. |
| 228. | „ | <i>griphoides</i> | Stony Creek. |
| 229. | <i>Edmondia intermedia</i> | { | Between Muree and
Morpeth. |
| 230. | „ | <i>nobilissima</i> | „ |
| 231. | <i>Cardinia exilis</i> | ... | Wollongong. |
| 232. | <i>Pachydomus gigas</i> | ... | Mount Vincent. |
| 233. | „ | <i>pusillus</i> | Wollongong. |
| 234. | „ | <i>Danai</i> | Jarvis Bay. |
| 235. | „ | <i>cyprina</i> | Wollongong. |
| 236. | <i>Mæonia</i> | ... | „ |
| 237. | „ | <i>Konincki</i> | Calamine. |
| 238. | <i>Palæarca costellata</i> | ... | Burrageod. |
| 239. | <i>Aviculopecten granosus</i> | ... | „ |
| 240. | „ | <i>cingendus</i> | {
Between Karuah and
Dungog. |
| 241. | „ | <i>ptychotis</i> | Burrageod. |
| 242. | „ | <i>Hardyi</i> | „ |
| 243. | „ | <i>tessellatus</i> | „ |
| 244. | <i>Pterinea macroptera</i> | ... | Mount Wingen. |
| 245. | <i>Modiola crassissima</i> | ... | Muree |
| 246. | <i>Avicula sublumlata</i> | ... | „ |

Class, *Pteropoda*.

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|------|-------------------------------|----------------------|---------------------------|
| 247. | <i>Conularia tenuistriata</i> | ... | Muree. |
| 248. | „ | <i>quadrisulcata</i> | Buchan, Gloucester River. |
| 169. | „ | „ | William River. |

Class, *Gasteropoda* ; Order, *Prosobranchiata*.

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|------|---------------------------------|-------------------|-----------------------|
| 249. | <i>Platyceras tenella</i> | ... | Colo Colo. |
| 250. | „ | <i>trilobatum</i> | Burrageod. |
| 251. | „ | „ | „ |
| 252. | „ | <i>altum</i> | Pallal, Gwydir River. |
| 253. | „ | <i>augustum</i> | Burrageod. |
| 254. | <i>Pleurotomaria Morrisiana</i> | ... | Black Head. |
| 255. | <i>Euomphalus oculus</i> | ... | Branxton. |
| 256. | „ | <i>minimus</i> | Burrageod. |
| 257. | <i>Macrocheilus filosus</i> | ... | Ichthodorus Range. |

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

CARBONIFEROUS—continued.

Class, *Gasteropoda* ; Order, *Prosobranchiata*.

258. *Macrocheilus acutus* ... Burrageood.
 259. *Loxonema elongata* (?) ... Ichthyodorulite Range.
 260. „ *rugifera* ... Burrageood.
 361. „ *difficilis* ... Ichthyodorulite Range.

Class, *Cephalopoda* ; Order, *Tetrabranchiata*.

262. *Goniatites micromphalus* { Between Muree and
 Morpeth.
 263. *Orthoceras striatum* ... Wollongong.
 264. *Cameroeras Phillipsii* ... „
 265. *Nautilus subsulcatus* ... Ichthyodorulite Range.

Class, *Crustacea* ; Order, *Astracoda* ; Section, *Eutomotracea*.

266. *Polyclope simplex* }
 „ *Entomis Jonesii* } Piamby Creek.

Order, *Trilobita*.

267. *Phillipsia* ... Burrageood.
 153. *Griffithides Eichwaldi* ... Colo Colo.

CARBONIFEROUS.

(Lower Marine Series.)

Class, *Echinodermata* ; Order, *Asteroida*.

268. Star Fish ... Ravensfield.

Class, *Brachiopoda*.

269. *Productus Flemingii* ... Harpur's Hill.
 270. *Spirifer glaber* ... „
 271. „ *subradiatus* ... „
 272. „ *duodecimcostatus*... Stroud.
 273. „ *Darwinii* ... West of Stony Creek.

Division, *Mollusca* ; Class, *Lamellibranchiata*.

274. *Avicula intumescens* ... Harpur's Hill.
 „ „ *decepiens* ... „
 „ *Tellinomya* (?) ... „
 275. *Aviculopecten Illawarrensis* ... „
 276. „ ... Ravensfield.
 277. „ *limæformis* ... „
 278. „ *profundus* { Railway Cutting 27 miles
 from Newcastle.
 279. *Mœonia carinata* ... Harpur's Hill.
 280. *Pachydomus lævis*... Lochinvar.
 281. „ *globosus* ... „
 282. *Cardinia exilis* ... Harper's Hill.

Class, *Pteropoda*.

283. *Conularia lævigata* ... Harpur's Hill.

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

CARBONIFEROUS—continued.

Class, *Gasteropoda* ; Order, *Prosobranchiata*.

274. *Pleurotomaria naticoides* ... Harpur's Hill.
 „ *Loxonema* „
 284. *Platyceras* „
 285. *Pleurotomaria* „
 286. „ „

Class, *Cephalopoda* ; Order, *Tetrabranchiata*.

274. *Goniatites strictus* Harpur's Hill.
 287. „ *micromphalus* Ravensfield.

PLANTÆ.

(Lower Coal Measures.)

288. *Glossopteris* Greta Pit.
 289. „ „
 290. „ „
 291. *Noeggerathia* „

CARBONIFEROUS.

(Upper Marine Series, above *Glossopteris* Beds.)Class, *Polypi* ; Order, *Zoantharia* ; Section, *Rugosa*.

292. *Zaphrentis Gregoryana* { between Maitland and
 Stony Creek.

Class, *Echinodermata* ; Order, *Asteroidæ*.

293. *Palceaster Clarkei* Stony Creek.

Division, *Molluscoidea* ; Class, *Brachiopoda*.

294. *Productus brachythoerus* Stony Creek.
 295. *Spirifer convolutus* Anvil Creek.
 296. „ „ { between Greta and
 Branxton.
 297. „ *Strzeleckii* Branxton.
 298. „ „ „
 299. „ „ { between Maitland and
 Stony Creek.
 300. „ *Darwinii* Stony Creek.
 301. „ „ { between Maitland and
 Stony Creek.
 302. „ „ near Branxton.
 303. „ „ { between Maitland and
 Stony Creek.
 304. „ „ „
 305. „ *Tasmaniensis* { between Greta and
 Branxton.
 306. „ *bisulcatus* near Branxton.
 307. „ *glaber* ... { between Maitland and
 Stony Creek.
 308. „ *sp.* ... { between Greta and
 Branxton.
 309. „ *vespertilio* „

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

CARBONIFEROUS—continued.

Class, *Lamellibranchiata*.

- | | | | |
|------|---|-----|---------------------------------------|
| 310. | <i>Pterinea macroptera</i> | { | between Maitland and
Stoney Creek. |
| 311. | <i>Aphanaia gigantea</i> | ... | Branxton. |
| 312. | <i>Aphanaia Mitchellii</i> | ... | " |
| 313. | <i>Aviculopecten Illa-</i>
<i>warrensis</i> | { | between Greta and
Branxton. |
| 314. | <i>Aviculopecten sub-quin-</i>
<i>que-lineatus</i> | } | Maitland. |
| 315. | " <i>granosus</i> | ... | Duguid's Hill. |

Class, *Pteropoda*.

316. *Conularia inornata* ... near Maitland.

Class, *Gasteropoda* ; Order, *Prosobranchiata*.

317. *Euomphalus oculus* ... Branxton.
" *Murchisonia trifilata* ... "

Class, *Cephalopoda* ; Order, *Tetrabranchiata*.

318. *Orthoceras Clarkei*... ... Stony Creek.

PERMIAN.

(Upper Coal Measures.)

319. *Glossopteris*, Newcastle.
320. " "
321. " "
322. " Wallerawang.
323. " Newcastle.
324. " "
325. " "
326. " "
327. " Crown Ridge, near Wallerawang.
328. *Vertebraria Australis*, Bowenfells.
329. " " Pulpit Hill.
330. " " Newcastle.
331. " " "
332. " " Base of Crown Ridge, Bowenfells.
333. " " Bowenfells.
334. *Sphenopteris*, Newcastle.
335. " "
336. " "
337. " "
338. *Echinostrobus*, Bowenfells.
339. " "
340. " "
341. *Phyllothea Hookeri*, Newcastle.
342. " " "
343. " " "
344. " " "
345. *Caulopteris Adamsi* "

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

HAWKESBURY SERIES.

346. *Cleithrolepis granulatus*, Woolloomooloo.
 348. *Gleichenites odontopteroides* (*Thinnfeldia*), Mt. Pid-
 dington.
 349. Shale with plant impressions " Sydney.
 350. " " " " "
 351. " " " " "
 352. " " " " Mt. Victoria.
 353. " " " (Phyllothea, &c.), Sydney.
 354. " " " " "
 355. Annelid Markings, near Woodford.
 356. *Cleithrolepis granulatus*, Blue Mountains. (Lent by T.
 Brown, Esq., J.P., Eskbank.)
 357. Coal, Hawkesbury Series, Sydney.

WIANAMATTA and CLARENCE SERIES.

358. *Palaeoniscus*, &c. (with plant impressions) Gibb Tunnel.
 359. " " "
 360. " " "
 361. " " "
 362. " " "
 363. " " Parramatta.
 364. *Macrotæniopteris* *Wianamatta*, "
 365. " " Gibb Tunnel.
 366. *Sphenopteris* (?), Breakfast Creek.
 367. Ripple Marks in Sandstone, Parramatta.
 368. *Entomostraca*, Waterloo, Sydney.
 369. *Tæniopteris Daintreei*, Clarence Series, Grafton.
 370. " " "
 371. " " "
 372. " " "
 373. *Cleithrolepis granulatus*, Campbelltown.

MIOCENE.

374. *Nautilus*, Malla Cliff, Murray River.
 375. *Voluta*, " "
 376.
 377. Fossil Plants, Dalton.
 378. " "
 379. " "
 380. " "
 381. " "
 382. " "
 383. " "
 384. " "
 385. " "
 386. " "
 387. " "
 388. " "
 389. " "

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

MIOCENE—continued.

390. Fossil Plants, Dalton.
 391. " "
 392. " "
 393. " "
 394. " "
 395. " "
 396. " "

PLIOCENE.

397. Phymatocaryon bivalve, Gulgong.
 398. " Mackayi, "
 399. " angulare "
 400. Penteune Clarkei, "
 401. " "
 402. Eisothecaryon semiseptatum, "
 403. Plesiocapparis leptocelyphis, "
 404. " "
 405. Rhytidocaryon Wilkinsonii, "
 406. Spondylostrobos Smythii, Home Rule.
 407. " " "
 408. Unio, Home Rule. " "
 409. Leaves, Namoi River.
 410. " "
 411. " "
 412. " near Mudgee.
 413. " "
 414. Fossil Wood, Black Lead, Gulgong.

PAST PLIOCENE AND RECENT.

415. Bones in Stalagmite, Bellubula Caves.
 416. " "
 417. " "
 418. Molars of Diprotodon, Castlereagh River.
 419. Incisors of Stenthurus.
 420. Molars of Diprotodon, Castlereagh River.
 421. " "
 422. Portion of front incisor of Diprotodon, near Merriwa.
 423. Molar of Diprotodon Australis, 6 miles from Glen Innes.
 424. " "
 425. " "
 426. " "
 427. Part of front incisor of Diprotodon Australis, Castlereagh
 River.
 428. " " 12 miles from
 Merriwa.
 429. Portion of lower jaw of Diprotodon, Scrubby Range
 Station, Lachlan River.
 430. " " "
 431. " scapula of " "

CLASS 82—continued.

DEPARTMENT OF MINES—continued.

PAST PLIOCENE AND RECENT—continued

432. Portion of scapula of Diprotodon, Scrubby Range Station,
Lachlan River.
433. " humerus " "
434. " " " "
435. Diprotodon (anterior portion of Upper Jaw, showing
remains of upper incisors), Scrubby Range
Station, Lachlan River.
436. " (portion of ulna) " "
437. " (portion of femur) " "
438. " " " "
439. " " " "
440. Bettongia, Wellington Caves.
441. Stenthorus " "
442. Thylacoleo " "
443. Phascolomys latifrons, Wellington Caves.
444. " " "
445. Sarcophilus ursinus (left lower jaw), Wellington Caves.
446. " (fragments of left lower jaw), Wel-
lington Caves.
447. Macropus Titan, 6 miles from Glen Innes.
448. " " "
449. Phascolomys, Fish River Caves.
450. " " "
451. Bones of Marsupials " "
452. " " "
453. " " "
454. " " "
455. " " "
456. " " "
457. " " "
458. Aboriginal Stone Hatchets, New South Wales.
459. " " "
460. " " "
461. " " "
462. " " "
463. " " "
464. " " "
465. " " "
466. " " "

APPENDIX A.

FIRST GROUP.—Works of Art.**CLASS 3.**—Sculpture and Die-sinking.

400. SALKILLD J., care of Mr. Bland, Grose-street, Camperdown.
Sculptures in stone: (1) Return of the Dove; (2) Tired with Pleasure.

THIRD GROUP.—Furniture and Accessories.**CLASS 20.**—Pottery.

401. STEVENS & KYLE, Albury.
100 Red pressed Bricks.
100 White pressed Bricks.
100 Slop-made Bricks.
50 White pressed sun-dried unburnt Bricks.
50 Red pressed sun-dried unburnt Bricks.
50 Slop sun-dried unburnt Bricks.

FIFTH GROUP.—Raw and Manufactured Products.**CLASS 43.**—Products of the cultivation of Forests, and of the Trades appertaining thereto.

402. WALKER & HALLIDAY, Messrs., Melbourne.
Piece of a large tree taken out of one of the cylinders of bridge constructed over River Murray by Exhibitors, between Moama and Echuca; cut out at a depth of 45 feet.

SIXTH GROUP.—Machinery, Apparatus, and Processes used in the Mechanical Industries.**CLASS 52.**—Machines and Apparatus in general.

403. PITKETHLY R., 210, Bourke-street.
Windmill.

SEVENTH GROUP.—Alimentary Products.**CLASS 73.**—Fermented Drinks.

404. LINDSAY H. L., Hay.
Beers, Cordials, &c.
405. MILNE Messrs. Y. M. & Co., Maitland Brewery, West Maitland.
Beers.

APPENDIX B.

CATALOGUE of Woods indigenous to the Colony, exhibited by Charles Moore, Esq.,
Director of the Botanic Gardens, Sydney.

- No. 1.—LEGUMINOSÆ. *Acacia binervata* (D.C.). Wattle. Height, 40 to 50 feet. Diameter, 1 to 1½ foot. General throughout the Colony.
- No. 2. LEGUMINOSÆ. *Acacia binervata* (Willd.). Wattle. Height, 20 to 30 feet. Diameter, 9 to 12 inches. Middle and Southern Districts.
- No. 3.—LEGUMINOSÆ. *Acacia doratoxylon* (A. Cunn.). Kurrawang. Height, 50 to 60 feet. Diameter 1½ to 2 feet. Murrumbidgee and Western Districts.
- No. 4.—LEGUMINOSÆ. *Acacia doratoxylon* (A. Cunn.). Currawang. Height, 40 to 50 feet. Diameter, 18 to 20 inches. Western Districts.
- No. 5.—LEGUMINOSÆ. *Acacia falcata* (Willd.). Sally. Height, 40 to 50 feet. Diameter, 1½ to 2 feet. Middle and Southern Districts.
- No. 6.—LEGUMINOSÆ. *Acacia homalophylla* (A. Cunn.). Bastard Myall. Height, 50 to 60 feet. Diameter, 1 to 2 feet. Western and Northern Districts.
- No. 7.—LEGUMINOSÆ (Sieb.). *Acacia lunata*. Height, 20 to 30 feet. Diameter, 1 to 1½ foot. Sydney and adjoining Districts.
- No. 8.—LEGUMINOSÆ. *Acacia melanoxylon* (R. Br.). Blackwood or Hickory. Height, 50 to 60 feet. Diameter, 1½ to 2 feet. Adelong and adjoining districts.
- No. 9.—LEGUMINOSÆ. *Acacia melanoxylon* (R. Br.). Black Sally. Height, 50 to 60 feet. Diameter, 1½ to 2 feet. Wingecarribee and Southern districts.
- No. 10.—LEGUMINOSÆ. *Acacia pendula* (A. Cunn.). Myall. Height, 40 to 50 feet. Diameter, 1½ to 2 feet. Western districts.
- No. 11.—LEGUMINOSÆ. *Acacia pendula* (A. Cunn.). Balar or Myall. Height, 30 to 50 feet. Diameter, 1½ to 2 feet. Western districts.
- No. 12.—LEGUMINOSÆ. *Acacia salicina* (Linde.). Kooba. Height, 40 to 50 feet. Diameter, 1½ to 2 feet. Murrumbidgee District.
- No. 13.—LEGUMINOSÆ. *Acacia* sp.? Yarran. Height, 30 to 40 feet. Diameter, 1½ to 2 feet. Murrumbidgee District.
- No. 14.—LEGUMINOSÆ. *Acacia* sp.? Hickory. Height, 40 to 50 feet. Diameter, 1½ to 2 feet. Northern Brush Forests.
- No. 15.—LEGUMINOSÆ. *Acacia* sp.? *Lignum vitæ*. Height, 40 to 50 feet. Diameter, 18 to 20 inches. Macleay River District.
- No. 16.—LEGUMINOSÆ. *Acacia* sp.? Sally Wattle. Height, 50 to 60 feet. Diameter, 2 to 3 feet. Brush Forests, Northern Districts.
- No. 17.—LEGUMINOSÆ. *Acacia* sp.? Hickory. Height, 50 to 60 feet. Diameter, 1½ to 2 feet. Nambucca.
- No. 18.—LEGUMINOSÆ. *Acacia* sp.? Native Cherry. Height, 50 to 60 feet. Diameter, 1½ to 2 feet. Northern Brush Forests generally.
- No. 19.—LEGUMINOSÆ. *Acacia* sp.? Boree. Height, 30 to 40 feet. Diameter, 1½ to 2 feet. Western Districts.
- No. 20.—SAPOTACEÆ. *Achras Australis* (R. Br.). Black Apple or Plum. Height, 60 to 70 feet. Diameter, 2 to 2½ feet. Macleay River and Brush Forests generally.
- No. 21.—SAPOTACEÆ. *Achras Australis* (R. Br.). Tchumbayer or Black Apple. Height, 60 to 70 feet. Diameter, 2 to 2½ feet. Brush Forests generally.
- No. 22.—RUTACEÆ. *Acronychia Bauerii* (Schott.). Brush Ash. Height, 50 to 60 feet. Diameter, 2 to 2½ feet. Brush Forests, Southern Districts.
- No. 23.—RUTACEÆ. *Acronychia lævis*. (Forst.) Height, 40 to 50 feet. Diameter, 12 to 15 inches. Wingecarribee.
- No. 24.—RUTACEÆ. *Acronychia* sp.? Yellow Wood. Height, 50 to 60 feet. Diameter, 2 to 2½ feet. South Coast.
- No. 25.—LEGUMINOSÆ. *Albizzia Hendersonii*. (F.M.) Nuggum Nuggum. Height, 60 to 80 feet. Diameter, 2 to 3 feet. Northern Brush Forests.
- No. 26.—RHAMNACEÆ. *Alphitonia excelsa*. (Reissek). Leather-jacket. Height, 60 to 80 feet. Diameter, 2 to 2½ feet. Brush Forests generally.
- No. 27.—RHAMNACEÆ. *Alphitonia excelsa*. (Reissek). Culgera-Culgera. Height, 80 to 90 feet. Diameter, 2 to 3 feet. Richmond River.
- No. 28.—RHAMNACEÆ. *Alphitonia excelsa*. (Reissek). Humbug. Height, 60 to 70 feet. Diameter, 2 to 2½ feet. Ulladulla and South Coast.
- No. 29.—MYRTACEÆ. *Angophora intermedia*. (D. C.) Apple-tree. Height, 80 to 90 feet. Diameter, 2½ to 3 feet. South Coast Districts.

APPENDIX B.—continued.

- No. 30.—MYRTACEÆ. *Angophora subvelutina*. (F. Muell.) Apple-tree. Height, 80 to 90 feet. Diameter, 4 to 5 feet. Common throughout the Colony.
- No. 31.—URTICACEÆ. *Aphananthe Philippinensis*. (Planch.) Mail. Height, 80 to 90 feet. Diameter, 15 to 18 inches. Clarence and Richmond Districts.
- No. 32.—CONIFERÆ. *Araucaria Cunninghamii*. (Ait.) Colonial Pine. Height, 170 to 180 feet. Diameter, 2 to 3 feet. Clarence and Northern Districts.
- No. 33.—MONIMIACEÆ. *Atherosperma micrantha*. Tchoocum-Tchoocum. Height, 90 to 100 feet. Diameter, 1½ to 2 feet. Clarence and Richmond Districts.
- No. 34.—MONIMIACEÆ. *Atherosperma moschata*. Yellow Satin Wood. Height, 60 to 80 feet. Diameter, 1½ to 2 feet. Clarence and Richmond Rivers.
- No. 35.—VERBENACEÆ. *Avicennia officinalis*. (Linn.) Mangrove. Height, 40 to 50 feet. Diameter, 2 to 2½ feet. Richmond and other Northern Districts.
- No. 36.—VERBENACEÆ. *Avicennia officinalis*. (Zar.) Small Mangrove. Height, 20 to 30 feet. Diameter, 9 to 15 inches. General in swampy ground and salt marshes.
- No. 37.—EUPHORBIACEÆ. *Baloghia lucida*. (Endl.) Dooragan or Brush Bloodwood. Height, 70 to 80 feet. Diameter, 2 to 2½ feet. Clarence and Richmond Rivers.
- No. 38.—PROTEACEÆ. *Banksia integrifolia*. (Linn.) Honeysuckle. Height, 40 to 60 feet. Diameter, 2 to 3 feet. Grown in Botanic Gardens.
- No. 39.—PROTEACEÆ. *Banksia serrata*. (Linn.) Honeysuckle. Height, 20 to 40 feet. Diameter, 1 to 1½ foot. Middle and Southern Districts.
- No. 40.—STERCULIACEÆ. *Brachychiton populineum*. (R. Br.) Currajong. Height, 30 to 50 feet. Diameter, 1 to 1½ foot. Murrumbidgee and Western Districts.
- No. 41.—EUPHORBIACEÆ. *Bradleya Australis*. Bradleya. Height, 40 to 60 feet. Diameter, 1½ to 2 feet. Grown in Botanic Gardens.
- No. 42.—EUPHORBIACEÆ. *Bradleya* sp.? Chowway. Height, 70 to 80 feet. Diameter, 2 to 3 feet. Richmond River and other Northern Districts.
- No. 43.—EUPHORBIACEÆ. *Bridelia exaltata*. (F. Muell.) Biggera-Biggera. Height, 70 to 80 feet. Diameter, 2 to 3 feet. Richmond and Clarence Districts.
- No. 44.—MYRTACEÆ. *Callistemon saligna*. (D. C.) River Tea-tree. Height, 50 to 50 feet. Diameter, 2 to 3 feet. Chiefly in Swampy Districts.
- No. 45.—VERBENACEÆ. *Callicarpa* sp.? Height, 80 to 90 feet. Diameter, 1 to 1½ foot. Clarence and Richmond Rivers.
- No. 46.—SAXIFRAGEÆ. *Callicoma serratifolia*. (Andr.) Black Wattle. Height, 50 to 60 feet. Diameter, 1 to 1½ foot. Port Hacking and Southern Districts.
- No. 47.—SAXIFRAGEÆ. *Callicoma serratifolia*. (Andr.) Black Wattle. Height, 50 to 80 feet. Diameter, 1 to 1½ foot. Camden Haven.
- No. 48.—CAPPARIDEE. *Capparis* sp.? Tchubbum-Tchubbum. Height, 50 to 60 feet. Diameter, 9 to 12 inches. Clarence and Richmond Districts.
- No. 49.—EBENACEÆ. *Cargillia Australis*. (R. Br.) Black Plum. Height, 60 to 70 feet. Diameter, 1 to 2 feet. Brush Forests, Coast Districts.
- No. 50.—EBENACEÆ. *Cargillia pentamera*. (F. Muell.) Chowan or Black Myrtle. Height, 80 to 90 feet. Diameter, 1½ to 2 feet. Clarence and Richmond Rivers.
- No. 51.—EBENACEÆ. *Cargillia* sp.? Plum Tree. Height, 50 to 70 feet. Diameter, 1½ to 2 feet. Ulladulla and South Coast.
- No. 52.—LEGUMINOSÆ. *Castanospermum Australe*. (A. Cunn.) Chestnut or Bean-tree. Height, 100 to 130 feet. Diameter, 4 to 5 feet. Jungle Forests, Northern Districts.
- No. 53.—CASUARINEÆ. *Casuarina equisetifolia*. (Forst.) Swamp Oak. Height 50 to 60 feet. Diameter, 2 to 3 feet. Macleay and Northern Districts.
- No. 54.—CASUARINEÆ. *Casuarina equisetifolia*. (Forst.) Bull Oak. Height, 50 to 60 feet. Diameter, 1½ to 2 feet. Murrumbidgee and South-western Districts.
- No. 55.—CASUARINEÆ. *Casuarina quadrivalvis*. (Labill.) River Oak. Height, 80 to 100 feet. Diameter, 3 to 4 feet. Usually on river banks.
- No. 56.—CASUARINEÆ. *Casuarina suberosa*. (O. H. & Dietr.) Black Oak. Height, 40 to 50 feet. Diameter, 1½ to 2 feet. Port Hacking and Southern Districts.
- No. 57.—CASUARINEÆ. *Casuarina suberosa*. (O. H. & Dietr.) She Oak. Height, 50 to 60 feet. Diameter, 2 to 2½ feet. General throughout the Coast Range.

APPENDIX B.—continued.

- No. 58.—CASUARINÆ. *Casuarina tenuissima*. (Sieb.) Forest Oak. Height, 60 to 80 feet. Diameter, 2 to 3 feet. General throughout the Colony.
- No. 59.—CASUARINÆ. *Casuarina torulosa*. (Ait.) Non-fruiting Forest Oak. Height, 50 to 60 feet. Diameter, 1½ to 2 feet. Myall and adjacent Districts.
- No. 60.—CASUARINÆ. *Casuarina* sp.? Forest Oak. Height, 60 to 80 feet. Diameter, 1½ to 2 feet. General throughout the Colony.
- No. 61.—CASUARINA sp.? She Oak. Height, 50 to 60 feet. Diameter, 1½ to 2 feet. Grown in Sydney Botanic Gardens.
- No. 62.—MELLIACEÆ. *Cedrela Australis*. (F. Muell.) Red Cedar. Height, 100 to 150 feet. Diameter, 4 to 8 and 12 feet. Northern Coast Range.
- No. 63.—MELLIACEÆ. *Cedrela Australis*. Red Cedar. Height, 100 to 150 feet. Diameter, 4 to 8 and 12 feet. Clarence and Northern Districts.
- No. 64.—SAXIFRAGÆ. *Ceratopetalum apetalum*. (D. Don.) Leather-jacket. Height, 80 to 100 feet. Diameter, 2 to 3 feet. Middle and South Coast Districts.
- No. 65.—SAXIFRAGÆ. *Ceratopetalum gummiferum*. (Sm.) Christmas Bush. Height, 20 to 30 feet. Diameter, 1 to 1½ foot. Middle and Southern Districts.
- No. 66.—SAXIFRAGÆ. *Ceratopetalum gummiferum*. (Sm.) Christmas Bush. Height, 30 to 40 feet. Diameter, 12 to 15 inches. Port Hacking.
- No. 67.—EUPHORBIAEÆ. *Croton phebalioides*. (F. Muell.) Warrel. Height, 70 to 75 feet. Diameter, 12 to 15 inches. Clarence and Richmond Rivers.
- No. 68.—LAURINÆ. *Cryptocarya obovata*. (R. Br.) Sycamore. Height, 60 to 80 feet. Diameter, 2 to 3 feet. Southern Districts.
- No. 69.—LAURINÆ. *Cryptocarya* sp.? Newcum or Stavewood. Height, 50 to 60 feet. Diameter, 1 to 2 feet. Clarence and Richmond Rivers.
- No. 70.—LAURINÆ. *Cryptocarya* sp.? Bullogum or Sycamore. Height, 90 to 110 feet. Diameter, 2 to 2½ feet. Clarence and Richmond Rivers.
- No. 71.—SAPINDACEÆ. *Cupania anodonta*. (F. Muell.) Cumgun. Height, 70 to 80 feet. Diameter, 3 to 4 feet. Richmond and other Northern Brush Forests.
- No. 72.—SAPINDACEÆ. *Cupania pseudorhus*. (A. Rich.) Boonderoo. Height, 90 to 100 feet. Diameter, 1½ to 2 feet. Clarence and Richmond Rivers.
- No. 73.—SAPINDACEÆ. *Cupania* sp.? Chindera. Height, 110 to 120 feet. Diameter, 15 to 18 inches. Clarence River.
- No. 74.—SAPINDACEÆ. *Cupania* sp.? Tara. Height, 20 to 30 feet. Diameter, 10 to 12 inches. Clarence River.
- No. 75.—SAPINDACEÆ. *Cupania* sp.? Durrant. Height, 80 to 100 feet. Diameter, 3 to 4 feet. Richmond and Clarence Rivers.
- No. 76.—SAPINDACEÆ. *Cupania* sp.? Height, 70 to 80 feet. Diameter, 14 to 16 inches. Clarence River District.
- No. 77.—RUTACEÆ. *Cyminosma oblongifolia*. (A. Cunn.) Tough Beech. Height, 30 to 40 feet. Diameter, 9 to 12 inches. Port Hacking.
- No. 78.—SAPINDACEÆ. *Diploglottis Cunninghamii*. (Hook.) Toonoun or Native Tamarind. Height, 60 to 70 feet. Diameter, 2 to 3 feet. Clarence and Richmond Rivers.
- No. 79.—MONIMIACEÆ. *Doryphora Sassafras*. (Endl.) Sassafras. Height, 60 to 80 feet. Diameter, 2 to 3 feet. Middle and Southern Districts.
- No. 80.—MONIMIACEÆ. *Doryphora Sassafras*. (Endl.) Boobin or Sassafras. Height, 60 to 80 feet. Diameter, 2 to 3 feet. Northern Brush Forests.
- No. 81.—SCROPHULARINÆ. *Duboisia Myoporoides*. (R. Br.) Cork-tree. Height, 30 to 40 feet. Diameter, 6 to 12 inches. Kiama District.
- No. 82.—MELLIACEÆ. *Dysoxylon Fraserianum*. (Benth.) Bulberum or Rosewood. Height, 80 to 120 feet. Diameter, 3 to 5 feet. Northern Brush Forests generally.
- No. 83.—MELLIACEÆ. *Dysoxylon Muellerii*. (Benth.) Kidyi-Kidyi or Pencil Wood. Height, 90 to 100 feet. Diameter, 2½ to 3 feet. Richmond River.
- No. 84.—MELLIACEÆ. *Dysoxylon* sp.? Munden or Light Rosewood. Height, 60 to 70 feet. Diameter, 2 to 3 feet. Richmond River and Northern Districts.
- No. 85.—MELLIACEÆ. *Dysoxylon* sp.? Var. Rosewood. Height, 80 to 90 feet. Diameter, 2 to 2½ feet. Nambuccra.
- No. 86.—MELLIACEÆ. *Dysoxylon* sp.? Var. Ash. Height, 60 to 70 feet. Diameter, 2 to 3 feet. Camden Haven and Macleay District.
- No. 87.—TILIACEÆ. *Echinocarpus Australis*. (Benth.) Kerabin. Height, 90 to 100 feet. Diameter, 2 to 3 feet. Clarence and Richmond Rivers.
- No. 88.—TILIACEÆ. *Eleocharis grandis*. (F. Muell.) Cullangum or Blue Fig. Height, 100 to 120 feet. Diameter, 3 to 4 feet. Clarence and Richmond Rivers.

APPENDIX B.—continued.

- No. 89.—TILIACEÆ. *Elæocarpus holopetalus*. (F. Muell.) Prickly Fig. Height, 50 to 60 feet. Diameter, 1 to 1½ foot. Wingecarribee and adjoining District.
- No. 90.—TILIACEÆ. *Elæocarpus cyaneus*. (Ait.) White Boree. Height, 30 to 40 feet. Diameter, 1 to 1½ foot. Port Hacking and Southern Districts.
- No. 91.—TILIACEÆ. *Elæocarpus longifolius*. (C. Moore.) Mountain Ash. Height, 60 to 70 feet. Diameter, 2 to 3 feet. Southern Districts.
- No. 92.—TILIACEÆ. *Elæocarpus longifolius*. (C. Moore.) Military-Military. Height, 80 to 100 feet. Diameter, 3 to 4 feet. Richmond River and Northern Districts.
- No. 93.—TILIACEÆ. *Elæocarpus obovatus*. (G. Don.) Cheereen. Height, 80 to 90 feet. Diameter, 2 to 2½ feet. Richmond River.
- No. 94.—CELASTRINACEÆ. *Elæodendron Australe*. (Vent.) Height, 40 to 50 feet. Diameter, 12 to 15 inches. Port Hacking.
- No. 95.—CELASTRINACEÆ. *Elæodendron Australe*. (Vent.) Blue Ash. Height, 50 to 60 feet. Diameter, 1 to 2 feet. Port Hacking and Southern Districts.
- No. 96.—MYOPORINACEÆ. *Eremophila* sp.? Western Rosewood. Height, 40 to 50 feet. Diameter, 18 to 24 inches. Western Districts.
- No. 97.—LEGUMINOSÆ. *Erythrina* sp.? Weelamon Wood. Height, 50 feet. Diameter, 12 inches. Brush Forests, Northern Districts.
- No. 98.—MYRTACEÆ. *Eucalyptus amygdalina*. (Labill.) Messmate. Height, 150 to 200 feet. Diameter, 4 to 6 feet. Southern Districts generally.
- No. 99.—MYRTACEÆ. *Eucalyptus bicolor*. (A. Cunn.) Smooth Ironbark. Height, 80 to 90 feet. Diameter, 3 to 4 feet. Within the Coast Range.
- No. 100.—MYRTACEÆ. *Eucalyptus botryoides*. (Sm.) Bangalloy. Height, 60 to 80 feet. Diameter, 2 to 3 feet. Middle and Northern Districts.
- No. 101.—MYRTACEÆ. *Eucalyptus corymbosa*. (Sm.) Bloodwood. Height, 80 to 100 feet. Diameter, 4 to 6 feet. General within the Coast Range.
- No. 102.—MYRTACEÆ. *Eucalyptus crebra*. (F. Muell.) White Ironbark. Height, 80 to 100 feet. Diameter, 3 to 4 feet. Coast Districts generally.
- No. 103.—MYRTACEÆ. *Eucalyptus eximia*. (Schon.) Bloodwood. Height, 80 to 100 feet. Diameter, 4 to 5 feet. Within the Coast Range generally.
- No. 104.—MYRTACEÆ. *Eucalyptus longifolia*. (F. Muell.) Woolly-Butt. Height, 100 to 120 feet. Diameter, 4 to 5 feet. General in Middle and Southern Districts.
- No. 105.—MYRTACEÆ. *Eucalyptus maculata*. (Hook.) Spotted Gum. Height, 100 to 120 feet. Diameter, 4 to 5 feet. Within the Coast Range.
- No. 106.—MYRTACEÆ. *Eucalyptus meliodora*. (A. Cunn.) Yellow Box. Height, 60 to 80 feet. Diameter, 2 to 3 feet. Murrumbidgee and Western Districts.
- No. 107.—MYRTACEÆ. *Eucalyptus microcorys*. (F. Muell.) Tallow-wood. Height, 100 to 120 feet. Diameter, 6 to 8 feet. Myall District, Bulahdelah.
- No. 108.—MYRTACEÆ. *Eucalyptus microcorys*. (F. Muell.) Tallow-wood. Height, 130 to 140 feet. Diameter, 3 to 4 feet. Northern Districts.
- No. 109.—MYRTACEÆ. *Eucalyptus paniculata*. (Sm.) Rough Ironbark. Height, 120 to 150 feet. Diameter, 2 to 3 feet. General throughout the Colony.
- No. 110.—MYRTACEÆ. *Eucalyptus pilularis*. (D. C.) Black Butt. Height, 80 to 100 feet. Diameter, 4 to 5 feet. General within the Coast Range.
- No. 111.—MYRTACEÆ. *Eucalyptus punctata*. (D. C.) Grey Gum. Height, 100 to 140 feet. Diameter, 4 to 5 feet. Within the Coast Range.
- No. 112.—MYRTACEÆ. *Eucalyptus polyanthemus*. (Schau.) Box. Height, 60 to 70 feet. Diameter, 2 to 3 feet. Adelong District.
- No. 113.—MYRTACEÆ. *Eucalyptus obliqua*. (L. Herit.) Stringybark. Height, 100 to 150 feet. Diameter, 4 to 6 feet. General throughout the Colony.
- No. 114.—MYRTACEÆ. *Eucalyptus obliqua*. (L. Herit.) Stringybark. Height, 100 to 150 feet. Diameter, 6 to 8 feet. General throughout the Colony.
- No. 115.—MYRTACEÆ. *Eucalyptus resinifera*. (Sm.) Mahogany. Height, 80 to 100 feet. Diameter, 3 to 4 feet. Middle Districts.
- No. 116.—MYRTACEÆ. *Eucalyptus resinifera*. (Sm.) Red Mahogany. Height, 90 to 100 feet. Diameter, 3 to 3½ feet. Clarence and Richmond Districts.
- No. 117.—MYRTACEÆ. *Eucalyptus robusta*. (Sm.) Swamp Mahogany. Height, 70 to 80 feet. Diameter, 3 to 4 feet. General within the Coast Range.
- No. 118.—MYRTACEÆ.—*Eucalyptus robusta*. (Sm.) Swamp Mahogany. Height, 70 to 80 feet. Diameter, 3 to 4 feet. General within the Coast Range.

APPENDIX B.—continued.

- No. 119.—MYRTACEÆ. *Eucalyptus rostrata*. (Schlecht.) Red Gum. Height, 60 to 80 feet. Diameter, 3 to 6 feet. Middle Districts within the Coast Range.
- No. 120.—MYRTACEÆ. *Eucalyptus rostrata*. (Schlecht.) Flooded Gum. Height, 80 to 100 feet. Diameter, 3 to 4 feet. Richmond River and other. Northern Districts.
- No. 121.—MYRTACEÆ. *Eucalyptus saligna*. (Sm.) Flooded Gum. Height, 80 to 100 feet. Diameter, 3 to 4 feet. General throughout the Colony.
- No. 122.—MYRTACEÆ. *Eucalyptus saligna*. (Sm.) Grey Box or Grey Gum. Height, 70 to 80 feet. Diameter, 2 to 4 feet. Northern Districts.
- No. 123.—MYRTACEÆ. *Eucalyptus Seberii*. (F. M.) Native Ash. Height, 60 to 70 feet. Diameter, 2 to 2½ feet. Port Hacking and Southern Districts.
- No. 124.—MYRTACEÆ. *Eucalyptus sideroxylon*. (A. Cunn.) Ironbark. Height, 100 to 150 feet. Diameter, 3 to 5 feet. General in Midland Coast Districts.
- No. 125. MYRTACEÆ. *Eucalyptus tereticornis* (Sm.) Blue or Grey Gum. Height, 100 to 160 feet. Diameter, 4 to 5 feet. General throughout the Colony.
- No. 126. MYRTACEÆ. *Eucalyptus tereticornis* (Sm.) Slaty Gum. Height 90 to 100 feet. Diameter, 3 to 4 feet. The Hunter and more Northern Districts.
- No. 127. MYRTACEÆ. *Eucalyptus* sp.? Peppermint. Height, 80 to 100 feet. Diameter, 4 to 5 feet. General within the Coast Range.
- No. 128. MYRTACEÆ. *Eucalytus* sp.? Peppermint. Height, 90 to 100 feet. Diameter, 3 to 4 feet. General throughout the Colony.
- No. 129. MYRTACEÆ. *Eucalyptus* sp.? White Gum. Height, 60 to 80 feet. Diameter, 3 to 4 feet. Southern Districts.
- No. 130. MYRTACEÆ. *Eucalyptus* sp.? Box. Height, 70 to 80 feet. Diameter, 3 to 4 feet. Shoalhaven and adjoining District.
- No. 131. MYRTACEÆ. *Eucalyptus* sp.? Forest spotted Gum. Height, 60 to 80 feet. Diameter, 2 to 8 feet. Dry Ridges, Ulladulla and adjacent District.
- No. 132. MYRTACEÆ. *Eucalyptus* sp.? Gully spotted Gum. Height, 80 to 100 feet. Diameter, 3 to 4 feet. Ulladulla, gullies and low ground.
- No. 133. MYRTACEÆ. *Eucalyptus* sp.? White Box. Height, 80 to 100 feet. Diameter, 3 to 4 feet. Open forests in the interior.
- No. 134. MYRTACEÆ. *Eucalyptus* sp.? Flooded Gum. Height, 90 to 100 feet. Diameter, 2½ to 3 feet. Macleay District.
- No. 135. MYRTACEÆ. *Eucalyptus* sp.? White Ironbark. Height, 80 to 100 feet. Diameter, 2 to 8 feet. Richmond River and other Northern Districts.
- No. 136. MYRTACEÆ. *Eucalyptus* sp.? Grey or White Gum. Height, 50 to 60 feet. Diameter, 2 to 2½ feet. Botanic Gardens, Sydney.
- No. 137. MYRTACEÆ. *Eucalyptus* sp.? Burrina. Height, 60 to 80 feet. Diameter, 2 to 2½ feet. Richmond District.
- No. 138. SAXIFRAGEÆ. *Eucryphia Moorei*. (F. Muell.) *Eucryphia* or White Sally. Height, 50 to 60 feet. Diameter, 2 to 3 feet. Wingecarribee and Coast Range.
- No. 139. MYRTACEÆ. *Eugenia acmenioides* (Cunn.) *Lignum vitæ*. Height, 40 to 50 feet. Diameter, 1½ to 2 feet. Macleay District.
- No. 140. MYRTACEÆ. *Eugenia Myrtifolia*. (Sims.) Myrtle. Height, 50 to 60 feet. Diameter, 1 to 2 feet. Brush Forests, Southern Districts.
- No. 141.—MYRTACEÆ. *Eugenia myrtifolia*. (Sims). Brush Cherry. Height, 40 to 50 feet. Diameter, 1 to 1½ foot. Southern Brush Forest generally.
- No. 142.—MYRTACEÆ. *Eugenia myrtifolia*. (Sims). Brush Cherry. Height, 40 to 50 feet. Diameter, 1½ to 2 feet.
- No. 143.—MYRTACEÆ. *Eugenia Smithii*. (Poir.) Lilly Pilly. Height, 30 to 40 feet. Diameter, 1½ to 2 feet. General throughout the Coast District.
- No. 144.—MYRTACEÆ. *Eugenia* sp.? Myrtle. Height, 30 to 40 feet. Diameter, 12 to 15 inches. Shoalhaven and Eastern Districts.
- No. 145.—MYRTACEÆ. *Eugenia* sp.? Butterwood. Height, 70 to 80 feet. Diameter, 3 to 4 feet. Richmond River and other Northern Districts.
- No. 146.—MYRTACEÆ. *Eugenia* sp.? Kinneycul. Height, 80 to 90 feet. Diameter, 2 to 3 feet. Clarence and Richmond Rivers.
- No. 147.—ANONACEÆ. *Eupomatia laurina*. (R. Br.) Height, 35 to 40 feet. Diameter, 6 to 8 inches. National Park, Port Hacking.
- No. 148.—RUTACEÆ. *Evodia* sp.? Mountain Ash. Height, 70 to 80 feet. Diameter, 2 to 3 feet. Camden Haven.

APPENDIX B.—continued.

- No. 149.—SANTALACEÆ. *Exocarpus cupressiformis*. (Labill.) Cherry-tree. Height, 50 to 60 feet. Diameter, 1½ to 2 feet. Brush Forests generally.
- No. 150.—CORYLACEÆ. *Fagus Carronii*. (C. Moore.) True Beech. Height, 80 to 100 feet. Diameter, 3 to 4 feet. Black Forest, Dividing Range, Armidale District.
- No. 151.—URTICACEÆ. *Ficus opposita*. (Miq.) Height, 50 to 60 feet. Diameter, 10 to 12 inches. Richmond River.
- No. 152.—URTICACEÆ. *Ficus rubiginosa*. (Desf.) Port Jackson Fig-tree. Height, 60 to 80 feet. Diameter, 2 to 4 feet. Illawarra and Southern Districts.
- No. 153.—PALMACEÆ. *Calamus Australis*. (Mart.) Brush Lawyer. 100 to 200 feet in length by one inch diameter. Northern District.
- No. 154.—CEDRELACEÆ. *Flindersia Bennettiana*. (F. Muell.) Bulbera. Height, 100 to 120 feet. Diameter, 3 to 4 feet. Clarence and Richmond Rivers.
- No. 155.—CEDRELACEÆ. *Flindersia Bennettiana*. (F. Muell.) Bogum-Bogum. Height, 100 to 150 feet. Diameter, 3 to 4 feet. Richmond and Tweed Rivers District.
- No. 156.—CEDRELACEÆ. *Flindersia Oxleyana*. (F. Muell.) Yeh, or Long Jack. Height, 80 to 100 feet. Diameter, 3 to 4 feet. Clarence and Richmond Rivers.
- No. 157.—CEDRELACEÆ. *Flindersia Schottiana*. (F. Muell.) Flindosy Beech. Height, 70 to 80 feet. Diameter, 2 to 3 feet. Camden Haven and Macleay Districts.
- No. 158.—CEDRELACEÆ. *Flindersia* sp.? Cudgery, or Native Ash. Height, 80 to 100 feet. Diameter, 2 to 4 feet. General in Northern Districts.
- No. 159.—CONIFERÆ. *Frenela columellaris*. (F. Muell.) Coorong-Coorong, Cypress Pine. Height, 110 to 120 feet. Diameter, 2½ to 3 feet. Richmond and Clarence Rivers.
- No. 160.—CONIFERÆ. *Frenela cupressiformis*. (Vent.) Light Pine. Height, 50 to 60 feet. Diameter, 2 to 2½ feet. Western Districts.
- No. 161.—CONIFERÆ. *Frenela glauca*. (Mirb.) Blue Pine. Height, 50 to 60 feet. Diameter, 2 to 2½ feet. Western and Southern Districts.
- No. 162.—CONIFERÆ. *Frenela rhomboidea*. (Endl.) Cypress Pine. Height, 40 to 50 feet. Diameter, 2 to 2½ feet. Middle and Southern Coast District.
- No. 163.—CONIFERÆ. *Frenela rhomboidea*. (Endl.) Cypress Pine. Height, 55 to 60 feet. Diameter, 18 to 20 inches. County of Macquarie.
- No. 164.—CONIFERÆ. *Frenela robusta*. (Cunn.) Murrumbidgee Pine. Height, 40 to 50 feet. Diameter, 18 to 20 inches. Macleay River.
- No. 165.—RUTACEÆ. *Geigeria parviflora*. (Lind.) Dogwood. Height, 20 to 30 feet. Diameter, 1 to 1½ feet. General in Southern and Western Districts.
- No. 166.—SAXIFRAGACEÆ. *Geissois Benthamiana*. Chum-Chum. Height, 70 to 80 feet. Diameter, 12 to 15 inches. Richmond River.
- No. 167.—VERBENACEÆ. *Gmelina Leichhardtii*. (F. M.) Binburra. Height, 100 to 120 feet. Diameter, 4 to 5 feet. Clarence and Richmond Rivers.
- No. 168.—VERBENACEÆ. *Gmelina Leichhardtii*. (F. M.) Beech. Height, 70 to 80 feet. Diameter, 2 to 3 feet. Middle and Northern Districts.
- No. 169.—VERBENACEÆ. *Gmelina* sp.? Beech, or Humbug. Height, 60 to 80 feet. Diameter, 2 to 2½ feet. Southern Districts.
- No. 170.—PROTEACEÆ. *Grevillea robusta*. (Cunn.) Silky Oak. Height, 70 to 80 feet. Diameter, 3 to 4 feet. From Botanic Gardens. General within Coast Range.
- No. 171.—*Halfordia drupifera*. (Muell.) Boogogin. Height, 90 to 100 feet. Diameter, 20 to 24 inches. Richmond River.
- No. 172.—SAPINDACEÆ. *Harpulia pendula*. Mogum-Mogum. (Planch.) Height, 60 to 70 feet. Diameter, 3 to 3½ feet. Clarence and Richmond District.
- No. 173.—SAPINDACEÆ. *Harpulia pendula*. (Planch.) Tulip Wood. Height, 70 to 80 feet. Diameter, 3 to 4 feet. Richmond River and Northern Coast District.
- No. 174.—SAPINDACEÆ. *Harpulia pendula*. (Planch.) Mogum-Mogum. Yellow Tulip Wood. Height, 70 to 80 feet. Diameter, 3 to 4 feet. Richmond River and other Northern Brush Forests.
- No. 175.—PROTEACEÆ. *Helicia glabrifolia*. (F. Muell.) Bommera-Bommera. Height, 120 to 130 feet. Diameter, 12 to 16 inches. Clarence and Richmond Districts.
- No. 176.—PROTEACEÆ. *Helicia præalta*. (F. Muell.) Small-leaved Nut-tree. Height, 80 to 100 feet. Diameter, 12 to 15 inches. Clarence and Richmond Districts.

APPENDIX B.—continued.

- No. 177.—PROTEACEÆ. *Helicia prealta*. (F. Muell.) Long-leaved Nut-tree. Height, 50 to 60 feet. Diameter, 12 to 15 inches. Northern Districts.
- No. 178.—SAPINDACEÆ. *Heterodendron oleifolia*. (Desf.) Jiggo. Height, 40 to 50 feet. Diameter, 1 to 1½ foot. Murrumbidgee District.
- No. 179.—MALVACEÆ. *Hibiscus Patersonii*. (D. C.) White Wood. Height, 40 to 50 feet. Diameter, 1½ to 2 feet. Brush Forests, Northern Districts.
- No. 180.—RUBIACEÆ. *Hodgkinsonia* sp. ? Cobbinum. Height, 80 to 100 feet. Diameter, 3 to 4 feet. Clarence and Richmond River Districts.
- No. 181.—PITTOCORACEÆ. *Hymenospermum flavum*. (F. M.) Wolluhm-Wolluhm. Height, 70 to 80 feet. Diameter, 1 to 2 feet. Clarence and Richmond River Districts.
- No. 182.—LAURINACEÆ. *Laurus camphora*. (W.) Camphor-tree. Growth of 20 years. Grown in Sydney Botanic Gardens.
- No. 183.—PALMACEÆ. *Livistonia Australis*. (Mart.) Cabbage-tree. Height, 100 to 130 feet. Diameter, 1 to 1½ foot. Illawarra and Southern Districts.
- No. 184.—PROTEACEÆ. *Macadamia ternifolia*. (F. Muell.) Kindal Kindal, Native Nut. Height, 30 to 50 feet. Diameter, 1 to 2 feet. Northern Brush Forests.
- No. 185.—EUPHORBIACEÆ. *Mallotus discolor*. (F. Muell.) Bungaby. Height, 70 to 80 feet. Diameter, 2 to 3 feet. Richmond and other Northern Districts.
- No. 186.—EUPHORBIACEÆ. *Mallotus Philippinensis*. (M. A.) Height, 70 to 80 feet. Diameter, 9 to 12 inches. Clarence and Richmond.
- No. 187.—MYRTACEÆ. *Melaleuca linearifolia*. (Sm.) Tea-tree. Height, 40 to 50 feet. Diameter, 1½ to 2 feet. General in Southern and Western Districts.
- No. 188.—MYRTACEÆ. *Melaleuca styphelioides*. (Sm.) Prickly-leaved Tea-tree. Height, 40 to 50 feet. Diameter, 1½ to 2 feet. General throughout the Colony.
- No. 189.—MYRTACEÆ. *Melaleuca viridiflora*. (Gartn.) Scrub Tea-tree. Height, 50 to 60 feet. Diameter, 2 to 2½ feet. Richmond River and other Northern Districts.
- No. 190.—MELIACEÆ. *Melia Australasica*. (A. Juss.) White Cedar. Height, 60 to 70 feet. Diameter, 3 to 4 feet. General within the Coast Range.
- No. 191.—MELIACEÆ. *Melia composita*. (Wild.) Dygal, White Cedar. Height, 70 to 80 feet. Diameter, 3 to 4 feet. Within the Coast Range.
- No. 192.—MELASTONACEÆ. *Memeceylon cerassiforme*. (Benth.) Iron-wood or Levy. Height, 50 to 60 feet. Diameter, 2 to 2½ feet. Manning and Macleay Districts.
- No. 193.—MYOPORINACEÆ. *Myoporum tenuifolium*. (Br.) Scrub Timber. Height, 30 to 40 feet. Diameter, 15 to 18 inches. Camden Haven.
- No. 194.—MYRTACEÆ. *Myrtus Becklerii*. (F. Muell.) Kaaran. Height, 70 to 80 feet. Diameter, 2 to 3 feet. Richmond and Clarence River Districts.
- No. 195.—MYRTACEÆ. *Myrtus* sp. ? Blackheart Myrtle. Height, 50 to 60 feet. Diameter, 2 to 2½ feet. Camden Haven and other Northern Brush Forests.
- No. 196.—MYRTACEÆ. *Myrtus* sp. ? Jimboway. Height, 70 to 80 feet. Diameter, 18 to 20 inches. Clarence and Richmond Rivers.
- No. 197.—MYRTACEÆ. *Myrtus* sp. ? Tulwong. Height, 60 to 70 feet. Diameter, 2 to 3 feet. Northern Districts.
- No. 198.—MYRSINACEÆ. *Myrsine variabilis*. (R. Br.) Height, 45 to 50 feet. Diameter, 12 to 15 inches. Gara, Port Hacking.
- No. 199.—SAPINDACEÆ. *Nephelium divaricatum*. (F. Muell.) Crogera. Height, 70 to 80 feet. Diameter, 2 to 3 feet. Richmond and Clarence Rivers.
- No. 200.—SAPINDACEÆ. *Nephelium hemiglaucum*. (F. Muell.) Tyal-dyal. Height, 70 to 80 feet. Diameter, 2 to 3 feet. Richmond River and adjoining Districts.
- No. 201.—SAPINDACEÆ. *Nephelium leiocarpum*. (F. Muell.) Height, 70 to 80 feet. Diameter, 2 to 3 feet. Camden Haven.
- No. 202.—SAPINDACEÆ. *Nephelium semiglaucum*. Wild Quince. Height, 30 to 40 feet. Diameter, 1 to 2 feet. Port Hacking.
- No. 203.—JASMINACEÆ. *Notolea longifolia*. (Vent.) Coobagun. Height, 60 to 70 feet. Diameter, 10 to 12 inches. Richmond District.
- No. 204.—JASMINACEÆ. *Notolea longifolia*. (Vent.) Axe-breaker. Height, 30 to 40 feet. Diameter, 9 to 12 inches. Wingecarriebe.
- No. 205.—JASMINACEÆ. *Olea paniculata*. (R. Br.) Marvey or Marblewood. Height, 70 to 80 feet. Diameter, 2 to 3 feet. Brush Forests, Northern Districts generally.

APPENDIX B.—continued.

- No. 206.—ARALIACEÆ. *Panax elegans*. (F. Muell.) Tchoonberee. Height, 90 to 100 feet. Diameter, 20 to 24 inches. Clarence and Richmond Districts.
- No. 207.—RUTACEÆ. *Pentaceros Australis*. (Hook.) Wobbul-Wobbul. Height, 30 to 40 feet. Diameter, 9 to 12 inches. Clarence and Richmond Rivers.
- No. 208.—EUPHORBIACEÆ. *Phyllanthus Ferdinandii*. (Mu. Arg.) Chowway. Height, 50 to 60 feet. Diameter, 26 to 28 inches. Richmond River.
- No. 209.—PITTSOPORACEÆ. *Pittosporum rhombifolium*. (A. Cunn.) Height, 70 to 80 feet. Diameter, 12 to 15 inches. Northern Districts.
- No. 210.—PITTSOPORACEÆ. *Pittosporum undulatum*. (Vent.) Bastard Orange. Height, 30 to 40 feet. Diameter, 12 to 18 inches. South and Middle Districts.
- No. 211.—CONIFERÆ. *Podocarpus elata*. (R. Br.) White Deal. Height, 80 to 100 feet. Diameter, 2½ to 3½ feet. Brush Forests, Northern Districts.
- No. 212.—CONIFERÆ. *Podocarpus elata*. (R. Br.) Goongum or Native Deal. Height, 100 to 120 feet. Diameter, 2 to 3 feet. Frequent within the Coast Range.
- No. 213.—SAXIFRAGACEÆ. *Polyosma Cunninghamii*. (Benn.) Wine-berry. Height, 30 to 40 feet. Diameter, 1 to 1½ foot. Wingecarribee and Southern Districts.
- No. 214.—SAXIFRAGACEÆ. *Quintinia Sieberii*. (D. C.) Possum or Opossum-tree. Height, 70 to 80 feet. Diameter, 2 to 2½ feet. Wingecarribee and surrounding District.
- No. 215.—MYRTACEÆ. *Rhodamnia argentea*. (Benth.) Nuggle-Nuggle. Height, 80 to 100 feet. Diameter, 3 to 4 feet. Clarence and Richmond Districts.
- No. 216.—MYRTACEÆ. *Rhodamnia trinervia*. (Blume.) Brush Turpentine. Height, 60 to 70 feet. Diameter, 2 to 2½ feet. Illawarra and adjoining Districts.
- No. 217.—RUTACEÆ. *Rhus rhodantha*. (F. Muell.) Yellow Cedar. Height, 70 to 80 feet. Diameter, 2 to 3 feet. Northern Districts.
- No. 218.—SAXIFRAGACEÆ. *Schizomeria ovata*. (D. Don.) Lightwood. Height, 50 to 60 feet. Diameter, 1 to 2 feet. Port Hacking and Southern Districts.
- No. 219. SAXIFRAGACEÆ. *Schizomeria ovata*. (D. Don.) White Cherry. Height, 50 to 60 feet. Diameter, 2 to 2½ feet. Manning and Camden Haven Districts.
- No. 220. CELASTRACEÆ. *Siphonodon Australis*. (Benth.) Currayelbum. Height, 60 to 70 feet. Diameter, 15 to 18 inches. Clarence and Richmond Districts.
- No. 221. TILIACEÆ. *Sloanea Australis*. (F. Muell.) Yaarum. Height, 80 to 100 feet. Diameter, 4 to 5 feet. Clarence District.
- No. 222. TILIACEÆ. *Sloanea Australis*. (F. Muell.) Maiden's Blush. Height, 70 to 80 feet. Diameter, 2 to 3 feet. Macleay River.
- No. 223. TILIACEÆ. *Sloanea Woosii*. Scrub Pencil Cedar. Height, 50 to 60 feet. Diameter, 1½ to 2 feet. Macleay and other Northern Districts.
- No. 224. PROTEACEÆ. *Stenocarpus salignus*. (R. Br.) Beef-wood. Height, 80 to 100 feet. Diameter, 2 to 3 feet. Middle and Southern Districts.
- No. 225. PROTEACEÆ. *Stenocarpus sinuatus*. (Endl.) Yil-Yil or Tulip-tree. Height, 80 to 90 feet. Diameter, 1 to 2 feet. Clarence and Richmond Rivers.
- No. 226. STERCULIACEÆ. *Sterculia discolor*. (F. Muell.) Stunga. Height, 80 to 90 feet. Diameter, 2 to 2½ feet. Clarence and Richmond.
- No. 227. STERCULIACEÆ. *Sterculia quadrifida*. (R. Br.) Calool. Height, 70 to 80 feet. Diameter, 2 to 3 feet. Northern Brush Forests generally.
- No. 228. EBENACEÆ. *Symplocos* sp.? Merongnavaun. Height, 70 to 80 feet. Diameter, 2 to 3 feet. Richmond and other Northern Districts.
- No. 229. MYRTACEÆ. *Syncarpia albens*. (A. Cunn.) Turpentine. Height, 100 to 150 feet. Diameter, 4 to 6 feet. General within the Coast Range.
- No. 230. MELIACEÆ. *Synoum glandulosum*. (A. Juss.) Southern Rosewood. Height, 50 to 60 feet. Diameter, 1½ to 2 feet. Southern Districts.
- No. 231. MELIACEÆ. *Synoum glandulosum*. (A. Juss.) Camden Haven Rosewood. Height, 60 to 70 feet. Diameter, 3 to 4 feet. Brush Forests, Camden Haven.
- No. 232.
- No. 233. STERCULIACEÆ. *Tarrietia actinodendron*. (F. Muell.) Ironwood. Height, 80 to 100 feet. Diameter, 3 to 4 feet. Northern Districts.
- No. 234. STERCULIACEÆ. *Tarrietia argyrodendron*. (Benth.) Boyung or Stavewood. Height, 100 to 110 feet. Diameter, 2 to 3 feet. Clarence District.
- No. 235. STERCULIACEÆ. *Tarrietia Carronii*. (C. Moore.) Red Boyung. Height, 100 to 150 feet. Diameter, 2 to 3½ feet. Brush Forests generally.

APPENDIX B.—continued.

- No. 236.—STERCULIACEÆ. *Tarrietia Carronii*. (C. Moore.) Stavewood. Height, 60 to 70 feet. Diameter, 2 to 2½ feet. Bulahdelah and adjoining District.
- No. 237.—STERCULIACEÆ. *Tarrietia* sp.? Ironwood. Height, 40 to 50 feet. Diameter, 15 to 18 inches. Nambucca and Port Macquarie.
- No. 238.—LAURINEÆ. *Tetranthera* sp.? Gulgi. Height, 90 to 120 feet. Diameter, 2 to 2½ feet. Clarence and Richmond Districts.
- No. 239.—LAURINEÆ. *Tetranthera* sp.? Woggan-Woggan. Height, 70 to 80 feet. Diameter, 2 to 3 feet. Clarence and Richmond Districts.
- No. 240.—MYRTACEÆ. *Tristania conferta*. (R. Br.) Brush Box. Height, 80 to 100 feet. Diameter, 4 to 5 feet. Within the Coast Range.
- No. 241.—MYRTACEÆ. *Tristania conferta*. (R. Br.) Geray or Bastard Box. Height, 100 to 110 feet. Diameter, 3½ to 4 feet. Clarence and Northern Districts.
- No. 242.—MYRTACEÆ. *Tristania laurina*. (R. Br.) Water Gum. Height, 90 to 120 feet. Diameter, 2 to 3 feet. Coast Districts generally.
- No. 243.—MYRTACEÆ. *Tristania nerifolia*. (R. Br.) Water Myrtle. Height, 30 to 40 feet. Diameter, 1½ to 2 feet. South Coast District.
- No. 244.—EPACRIDÆ. *Trochocarpa Laurina*. (R. Br.) Brush Myrtle. Height, 40 to 50 feet. Diameter, 1 to 1½ foot. Port Hacking and South Coast.
- No. 245.—OLACINEÆ. *Villaresia Moorei*. (F. Muell.) Southern Maple. Height, 50 to 60 feet. Diameter, 1½ to 2 feet. Brush Forests, Middle and Southern Districts.
- No. 246.—OLACINEÆ. *Villaresia Moorei*. (F. Muell.) Belbil. Height, 60 to 70 feet. Diameter, 2 to 3 feet. Richmond and Northern Districts.
- No. 247.—SAXIFRAGACEÆ. *Weinmannia paniculata*. (F. Muell.) Corkwood. Height, 50 to 60 feet. Diameter, 1 to 2 feet. Brush Forests generally.
- No. 248.—SAXIFRAGACEÆ. *Weinmannia* sp.? Murrayree. Height, 60 to 80 feet. Diameter, 1½ to 2 feet. Northern Brush Forests.
- No. 249.—PROTEACEÆ. *Xylomelum pyriforme*. (Knight.) Native Pear. Height, 30 to 40 feet. Diameter, 1 to 1½ foot. Middle and Southern Districts.
- No. 250.—Genus? *Hellamon-wood*. Height, 60 100 feet. Diameter, 2 to 2½ feet. Clarence District.
- No. 251.—Genus? *Goonyum-Goonyum*. Height, 110 to 120 feet. Diameter, 2 to 3 feet. Clarence and Richmond.
- No. 252.—Genus? *Cudgeen or Sour Cherry*. Height, 70 to 80 feet. Diameter, 2 to 2½ feet. Richmond River and other Northern Brush Forests.
- No. 253.—Genus? *Boogigeree*. Height, 80 to 90 feet. Diameter, 2 to 2½ feet. Clarence and Richmond Rivers.
- No. 254.—Genus? *Chyree*. Height, 70 to 80 feet. Diameter, 2 to 2½ feet. Richmond River and Northern Brush Forests.
- No. 255.—Genus? *Tchoongera*. Height, 80 to 100 feet. Diameter, 3 to 4 feet. Richmond and Clarence Rivers.
- No. 256.—Genus? *Goolum-Goolohn*. Height, 40 to 50 feet. Diameter, 1½ to 2 feet. Richmond and Clarence Rivers.
- No. 257.—Genus? *Chundial*. Height, 80 to 90 feet. Diameter, 2 to 3 feet. Northern Brush Forests generally.
- No. 258.—Genus? *Bumburra*. Height, 80 to 90 feet. Diameter, 2 to 3 feet. Clarence and Richmond Rivers.
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- No. 260.—Genus? *Gig-gi*. Height, 80 to 90 feet. Diameter, 15 to 18 inches. Clarence River.
- No. 261.—Genus? *Tarkoo*. Height, 60 to 70 feet. Diameter, 2 to 2½ feet. Camden Haven.
- No. 262.—Genus? *Yellow Ironwood*. Height, 60 to 70 feet. Diameter, 1½ to 2 feet. Camden Haven.
- No. 263.—Genus? *Bastard Beech*. Height, 70 to 80 feet. Diameter, 3 to 4 feet. Northern Brush Forests.
- No. 264.—Genus? *Cork-bark-tree*. Height, 40 to 50 feet. Diameter, 1½ to 2 feet. Ulladulla and Southern Districts.
- No. 265.—Genus? *Southern Ash*. Height, 60 to 80 feet. Diameter, 2 to 3 feet. Ulladulla and Southern Districts.
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- No. 267.—EBENACEÆ. *Cargillia* sp.? Clarence District.

APPENDIX B.—continued.

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 No. 271.—MYRTACEÆ. *Eucalyptus* sp.? Spotted Gum. From Mr. Guy, Bate-
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 No. 272.—MYRTACEÆ. *Eucalyptus* sp.? Woolly Butt. From Mr. Guy, Bate-
 man's Bay.
 No. 273.—MYRTACEÆ. Swamp Gum. From Braidwood.
 No. 274.—Bastard Sandalwood. From K. H. Bennett, Esq., Saltbush Country,
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 No. 275.—Sandalwood. From Kenric Harold Bennett, Esq., Saltbush Country,
 Lachlan and Darling Rivers.
 No. 276.—Leopard-wood. From Kenric H. Bennett, Esq., Saltbush Country,
 Lachlan and Darling Rivers.
 No. 277.—Stink-tree. *Nambuccra*.

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MELBOURNE INTERNATIONAL EXHIBITION.

Tuesday, November 16th, 1880.

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EXHIBITION CELLARS

FRENCH BARS.

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THE ALSATIAN BAND

—] DIRECTOR, H. KILLIAN [—

WILL PLAY FROM 2-30 P.M.:-

Programme

- | | |
|--|-------------|
| 1. Grand March from "Faust" | Gounod |
| 2. Selection--"William Tell" | Rossini |
| 3. Valse—"On the Beautiful Blue Danube" | Strauss |
| 4. Polka—"Bonne Bouche" | Waldteufel |
| 5. Aria—"Lucia di Lammermoor" | Donizetti |
| 6. Valse—"Blue Alsatians" | Lamothé |
| 7. Selection—"La Traviata" | Verdi |
| 8. Galop—"Mit Lust und Liebe" | par "Faust" |
| 9. "La Marsellaise" | |

"RULE BRITANNIA."

