

JOURNAL

OF THE

Limerick Field Club.

VOLUME III., No. 10.

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LIMERICK FIELD CLUB.

OFFICERS FOR SESSION 1905-1906.

President:

J. F'G. WINDLE, ASSOC. M. INST. C.E.

Vice-Presidents:

H. V. MORONY, B.E.

P. J. LYNCH, M.R.I.A.I.

Committee:

Mrs. Gibson.

W. A. FOGERTY, M.D.

J. S. GAFFNEY, B.A.

B. Barrington.

E. H. Bennis.

REV. J. H. THOMAS, B.A.

W. M BEAUCHAMP.

Hon. Treasurer:

JOSEPH STEWART, L.P.S.

Hon. Secretaries:

Miss Alice Doyle.

GEORGE FOGERTY, R.N.

Journal Committee:

REV. JAMES DOWD, B.A.; P. J. LYNCH, M.R.I.A.I.; GEORGE FOGERTY, R.N.

Your Committee in presenting the Thirteenth Annual Report of the Club is glad to be able to follow the example of the Committee of last year and inform you that the Club is still in a flourishing condition. But it is far more gratifying to be able to tell you that instead of a decrease in membership—which was one of the regrets of last year's report—your membership this year shows an increase of 8, the present membership being 125 as against 117 last year. This is only as it should be, for you can congratulate yourselves that, unostentatious though its work may be, your Club is collecting and recording information which will be of value to future members, as it is of interest to the present. At the same time your Committee would again wish to

impress on individual members the necessity of taking an interest in endeavouring to induce their friends to join, in most cases it only means bringing to their notice the objects of the Club, not to speak of its advantages.

It is a matter for regret that we have lost, through his departure from the city, Mr. Phillips, one of our keenest and most intelligent Botanists, who during his short time in Limerick did much to add to our knowledge of the plants of the district.

The programme of the Winter Session was fully carried out, with one exception, and the attendance of members being well above the average showed how much the lecturers and subjects chosen were appreciated.

The programme was as follows:-

1904, November 3rd.—Annual General Meeting, which was as usual well attended, there being 60 members present. Many objects of interest were shown, including microscopes and slides, and the meeting concluded with a fine display of Lantern Slides from Photographs taken by members of the Club.

November 15th.—Mr. R. Lloyd Præger, B.A., B.E., Field Club Union Lecturer, addressed a large audience on the Sligo Conference, describing in detail the places visited and the work done by the various Sections, his remarks being illustrated by many fine lantern pictures. Attendance 60.

December 16th.—"Microscopic Animal and Vegetable Life." Under this title the Rev. J. H. Thomas, B.A., delivered a most instructive lecture, illustrating his remarks by lantern pictures, and subsequently demonstrating Microscopic life by specimens collected by himself round about Limerick, which included Rotifera, &c. Attendance 50.

1905, January 17th.—"Photographic Night." Lantern Slides were exhibited by Mr. Sams, Mr. O'Meehan, Mr. Barrington, Dr. G. Fogerty, and Mr. Stewart, and a fine series of 60 slides obtained from the Editor of the "Amateur Photographer" were shown. Some prints, the work of members, were on view. Attendance 30.

January 31st.—This evening was set aside for "Short Papers" and "Exhibits." A short paper was read on "An Irish Specimen of

Dopplerite," found in the County Antrim, and the specimen, kindly sent by Miss Knowles, was exhibited.

Miss Alice Doyle read a very interesting paper on "Design,'s illustrating her remarks by sketches and lantern slides.

A Botanical Paper from Mr. R. D. O'Brien on Leucojum Aestivum and its habitat round Limerick was next read.

Subsequently the additions to the Limerick Flora were exhibited by Mr. Phillips, and some rare plants from the West of the County by Miss O'Brien and Miss Knowles. Attendance 30.

February 21st.—"Rocks and Rock Structures," by Mr. Henry J. Seymour, B.A., F.G.S., of H.M. Geological Survey of Ireland, proved very interesting. The lecturer described the different compositions and classification of rocks and the circumstances and conditions under which they were formed, illustrating his remarks by a fine series of lantern slides. Attendance 50.

March 14th.—"Forests, Wild and Cultivated." A Lecture delivered by Mr. Augustine Henry, M.A., F.L.S., &c., was of a most interesting and instructive nature; the lecturer pointing out the advances which had been made in Forestry in France and Germany of late years, and how much it has been neglected in this country where the conditions of soil and climate were most suitable for the raising of a high class of timber, not to speak of the many hundreds of acres of otherwise useless land which might be made profitable. The lantern slides illustrating this lecture were an exceptionally fine lot, and showed what can be done when the subject of Forestry is treated in a scientific way. Attendance 56.

March 28th.—"Rambles in Desmond and Thomond with a Photographer," by Mr. P. J. Lynch, M.R.I.A.I., was treated by the author in his usual able and interesting manner, and was much appreciated by a large attendance of members. Subsequently many lantern slides were shown of places in the County Limerick and Clare mentioned in the lecture.

The Secretary reported, with a regret which was shared by all present, that Dr. Boeddicker would be unable to deliver his lecture on April 11th owing to stress of work at the Birr observatory. The lecture will however be given during the coming session. Attendance 65.

This concluded the winter programme.

SUMMER EXCURSIONS.—The Summer Excursions this year were three in number, and were only fairly well attended; this however may be accounted for to some extent by the demands made on many of your members by the preparations for, and taking part in, the large bazaar organized in aid of Barrington's Hospital.

The first excursion, to Adare, on 8th June, was run in conjunction with the visit of the Technical Congress, and the members of the Club who attended were entertained to tea by Rev. Canon and Mrs. O'Brien. The day was all that could be desired and the fine old ruins in the demesne looked at their best.

The second excursion, on 20th July, was to the Glen of Aherlow and Ballinacourty. The day was a fine one and the party left by the 11 a.m. train for Bansha, where cars were in waiting for the drive through the Glen. On arrival at Ballinacourty they were received by Mr. Massy Dawson who treated them with great kindness, and conducted them through the beautiful scenery of the neighbourhood. They were subsequently entertained to tea, and returned over the mountain road to Tipperary, and from thence to Limerick by the 8.50 p.m. train.

The third and concluding excursion took place on 10th August to Rathkeale and Knockfierna. Favoured with a fine day to start with the party left Limerick by the 10.20 a.m. train, and were met on arrival at Rathkeale Station by Rev. R. McClean, Mr. F. C. Hartigan, B.E., and Dr. Hayes, local members of the Club. All then drove to Ballingarry and on to the south slope of Knockfierna where luncheon was partaken of by the roadside. The district is interesting both botanically and geologically, and the view to be obtained of the surrounding country very fine indeed. From here it was intended to make the ascent of the mountain, but just then the clouds began to gather and the rain came down, so it was decided that the lady members of the party skould drive on to a farmhouse while three venturesome men determined to go up. The rain did not cease, and they had a wet walk, arriving later at the Rectory in a sad condition, but the kind host (Rev. R. McClean) did everything in his power to make amends for the weather, and after a good tea the party forgot their troubles. The return journey to Limerick was made by the 8.53 p.m. train.

The CLUB JOURNAL was published in August, and a copy sent to each member. It is quite up to the standard of previous numbers, both as to the matter it contains and the manner in which it has been turned out, and has been favourably reviewed. The cost to the Club has been £20 12s. od., exclusive of postage, but your Committee sees no reason to regret the expenditure.

Finance. It is always a matter of satisfaction to a Committee at the end of its year of office to be able to report that the finances of the Club or institution which has been intrusted to its charge are in a satisfactory condition, and this your Committee has much pleasure in doing, notwithstanding the smallness of the subscription and the heavy outlay on the Journal in proportion to the Club's income. The credit balance is small, but still it is a credit balance, and your Committee once more wishes to urge on the existing members the advantage it would be if each one tried to introduce at least one new member during the present Session, and also to keep the advantages of the Club before their friends.

O'CURRY MEMORIAL. In the Annual Report for last year your Committee expressed regret at the poor response made to an appeal for subscriptions to above by the general membership. In the current issue of the Journal a list of subscribers is published, which though small in number is generous in amount. Your Committee would again appeal to the members who have not already subscribed for a subscription, no matter how small, to enable them to have the memorial erected.

OBITUARY. It is with deep regret that your Committee has to report the death during the year of two members of the Club, viz.:—Mr. George James Hewson, M.A., of Adare, and Mrs. Goggin, St. Stephen's Villa, Limerick.

An obituary notice of Mr. Hewson appeared in the last issue of the Club Journal.

Mrs. Goggin had been a member of the Club since 1895, she always took a keen interest in its objects, and was a regular attendant at its meetings, as well as being an enthusiastic collector and exhibitor of many specimens of Antiquarian and Scientific interest from time to time. As one of the earnest unassuming workers of the Club her loss will be sincerely felt.

PRESIDENT'S ADDRESS.

The President delivered his address as follows:—An outgoing President is generally expected to make his farewell address to the assembly over which he has had the honour to preside during the past year. Such an address, while conveying an expression of the President's grateful appreciation of the distinction bestowed on him by his Club, is often merely a resumé of the work done during the session, with special reference it may be to any new or important discoveries either by members of the Club itself or in the scientific world related thereto, the roll of membership, the financial aspect, etc., are all duly commented upon and glorified or deplored as circumstances permit. All such statements may safely be left in the hands of your Secretary and Treasurer without reiteration by your President, whose address this evening will be a very interesting and instructive paper.

I shall accordingly limit my remarks in a very brief and general way to "Field Club work and what it includes." Field Club work includes—among other ulterior objects—the observation and scientific investigation of all questions relative to the world of nature in the animal, vegetable, or mineral kingdoms, and of all matter, organic or inorganic, archaic or recent. It deals with the records of the misty past when investigating the architecture of some ruined monastery, some long-deserted cloister or some historic fortress swiftly crumbling to decay, too often assisted by the hand of man as well as by the ravages of time. The cromleac on the hillside, or the dolman composed of huge rough stones, all reveal an interesting history to the archæologist.

To the geologist "the testimony of the rocks" affords undeniable evidence of the antiquity of the world. Imagination carries him back to that time when "chaos" ruled supreme, when whirling masses of fiery vapour represented the material universe of to-day; later, when "order" evolved from chaos a condition of things represented by a molten liquid world; then, after the lapse of long untold years, he sees that same world, solidified and cooled it is true, slowly adapting itself to conditions favourable for the appearance of life. Ages still roll by before life appears, at first humble and lowly, but by degrees higher and higher

types succeed—both animal and vegetable—as befits the doctrine of evolution.

Then, too, was laid the foundation of all our national prosperity, when a still moist and tropical temperature—meet forcing-house for a luxuriant vegetation—called into existence those tall tree ferns, giant club mosses, calamites (the equivalent of the modern horse-tails of our swamps), coniferæ, and other plants which combine to form the coalfields of to-day. This, too, was the period when strange and varied forms of animal life appear, such as the Trilobites of the Cambrian and Silurian (a lineal descendent of which is represented by the common or garden woodlouse of the present time), the Saurians of the Lias, the Iguanodon of the Oolitic. Innumerable strange species of shell, insect, and other life arose, flourished and disappeared, each successive period possessing types peculiarly its own, and their remains securely guarded within their rocky tombs for millions and millions of years, enable the student of geology to assign to each its proper place in the scale of creation, and geologically speaking, to measure its antiquity. Every stone in the fields, every natural accumulation of clay and gravel, every open quarry, contains within itself an interesting history. Geology is not the abstruse or difficult science that so many imagine, frequent inspection and examination of properly named specimens soon enable the student to acquire by observation, right ideas of the aspect, character and composition of rocks, repeated comparison of the fractured surface, will soon enable him to distinguish between sedimentary and igneous, between mechanical and crystaline texture, and the fossil remains, where present, will enable him to arrange the relative position of each, in geological time and place.

Mineralogy, unlike geology, is rather too difficult a subject for the average Field Club member, as it requires an intimate knowledge of other sciences in order to be properly able to investigate the structures and chemical composition of minerals, yet an elementary knowledge of the subject is of importance to the study of geology, enabling the geologist to recognise many of the constituents that form the rocks, and to discriminate between these minerals that form the useful class, and such as are—commercially at least—valueless. In determining the species to which minerals belong, certain characteristics such as form sp. gravity,

appearance of fractured surface, cleavage planes, lustre, hardness. colour, or chemical reaction, must be studied, as it is easy to confound very dissimilar specimens with one another, especially true crystals, with pseudomorphous minerals, or those having the same form but differing in chemical composition. How often in our excursions on a Field Club day, or even in our solitary constitutional rambles, do we not miss the opportunity (for want of that elementary knowledge) of an interesting search in some vein running along the face of a cliff or in an old gravel pit, or in some fracture or hollow in the rugged rocks of the hillside, wherever hollow spaces present themselves there search for minerals of the crystalline class. These hollows will often be found filled with fragments of adjoining rock embedded in a matrix formed from mineral matter in a state of solution, and among minerals occurring in beds may be mentioned coal, small seams of impure coal being visible in certain places in the old red sandstone of our own district as well as various metallic ores.

Zoology is another branch of work that comes within the province of a Field Club, and like mineralogy, has an important bearing on geological questions. The minute foraminifera of the ocean laying the foundation of future continents in globigerinal mud at the bottom of the seas, have contributed to much of already formed land in our coral islands in tropical waters. Living specimens may often be found adhering to seaweeds, polyps, polyzoa, etc., the latter forming masses in the shape of moss-like tufts encrusting stones or seaweed. The hydrozoa inhabiting our shores may be found by searching the tidal pools, where they will be easily recognised by their branches expanded in the water, on the under side of stones, and under rocky ledges or beneath hanging seaweed.

Time does not permit us to dwell on this subject which is exceedingly varied, and no zoological member of the Club need return from an excursion without having, at all events, made the acquaintanceship of some slow moving annelid, some festive arichnida, or some of the beautiful and delicate lepidoptera. A knowledge of securing and preserving the various specimens is most essential to the practical zoologist, for many an otherwise fine collection has been injured through want of attention in this respect. Special care should also be taken in labelling

specimens and recording particulars concerning their habitat, species, where found, surroundings, etc.

Botany is a science which appeals to many members of our Club, but which, unfortunately, your President knows little or nothing about. A true knowledge of it can only be obtained by diligent collection, observation, and preservation of specimens, but collection and observation will be of little avail without preservation, where the object is not alone to attain botanical knowledge, but frequently to convert that knowledge to commercial purposes for "the use and convenience of man."

Once more thanking the members of the Field Club for the honour conferred on me during the past year. I am sure you will join with me in tendering a hearty welcome to my successor for the ensuing session, 1905-1906.

RULES.

- I. That the Club shall be called "THE LIMERICK FIELD CLUB."
- II.—That the objects of the Club shall be—The Study of Natural History, Photography, History and Archæology, especially of the district.
- III.—That the Officers of the Club shall be elected annually, and consist of a President, two Vice-Presidents, a Treasurer, a Secretary, and a Committee of Seven Members. Three to form a *quorum*. Minutes of regular meetings, and records of all Committee meetings shall be duly kept.
- IV.—That special sections may be formed with the approval of an Annual Meeting from amongst the members of the Club, for the particular study of one or more of the objects named in Rule II., each of such sections having a Secretary with a seat ex-officio on the Committee of the Club.
- V.—That the names and addresses of candidates for membership shall be given in writing to the Secretary for consideration by the Committee, which shall, through the Secretary, inform the applicant of its decision. Before election to membership the Annual Subscription for the current year must be paid.
- VI.—That the Annual Subscription shall be Five Shillings, payable in advance, and shall become due on the first day of October in each year. The Journal will not be supplied to members whose subscription is in arrear.
- VII.—That arrangements shall be made for Meetings and Excursions from time to time by the Committee, of which due notice shall be given to all members by the Secretary.
- VIII.—That the Annual Meeting shall be held in the month of October to receive Report of Committee for past year, to elect Officers and Committee for ensuing year, and to transact such other business as may come before it. The voting for Officers and Committee shall be by ballot, the nominations having been made at the preceding ordinary meeting of the Club.
- IX.—No alteration shall be made in these Rules except by an Annual Meeting, and then only on notice of the proposed change having been given in writing at least twenty-one days previously to the Secretary. Necessary Bye Laws may be made by the Committee, which is also empowered to act on behalf of the Club in all matters pertaining to its welfare during the *interim* between general meetings.
- BYE-LAW.—Where two of a family are members of the Club they shall have the privilege of bringing a third member of the family to all Meetings and Excursions.

THE LIMERICK FIELD CLUB.

LIST OF MEMBERS, WITH YEAR OF ADMISSION.

Abbott, Rev. T. F., B.D., Clarina.	1899	Eakins, A. J., 1 Moyola Terrace. Evans, Miss, 43 Henry Street.	189 2 1896
Baker, Miss C., Ashbourne House.	1897	,, 15	,-
Baker, P. J., C.E., 19 The Crescent.	1896	Fitt, Alma, Maryville, Corbally.	1905
Ball, J. H., Rathbane Cottage.	1901		
Ball, J. H., Kathballe Cottage.	-	Fitt, Mrs. C. H., Maryville, Corbally.	1893
Ballingal, R. R., Adare.	1904	Fogerty, Cecil, Henry Street.	1905
Barrington, B., 91 George Street.	1896	Fogerty, Mr. G. J., R.N., Hon. Sec.,	
Barrington, Miss, Clonkeen, Barring	ton's	67 George Street.	1895
Bridge.	1897	Fogerty, H., Henry Street.	1905
Barry, J. G., D.L., Sandville, Ballyn	eety.	Fogerty, Wm. A., M.A., M.D., 67 G	
Durry, J	1896	Street.	1892
Barry, Miss, Provincial Bank.	1905	Frost, Dr. Edward, J.P., Beechlawn,	
Beauchamp, W. M., 24 Mallow St.	1893		
Beauchamp, W. M., 24 Manabin's		Newmarket-on-Fergus	1898
Begley, Rev. J., C.C., St. Munchin's.	1905	Frost, James, J. P., M.R.I.A., George	
Bennett, B., Alexandra Terrace.	1905		1897
	1892		
Bennis, Mrs. E., 23 Ascot Terrace.	1901	Gaffney, Jas. S., B.A., 97 George St.	1897
Bentley, Rev. W. E., M.A., Abbeyf	eale.	Gaffney, Mrs.	1899
	1901	Garde, Vivian, Provincial Bank.	
Boeddicker, Dr. O., Birr Castle	,	Gibson, R., Mulgrave Cottage.	1892
Observatory.	1901	Gibson, Mrs. R.,	1892
	1897	Goodbody, J. Ellis, Thornville	-
Brophy, N. A., Lansdowne Terrace.			1904
Browning, Major T., R.A.M.C.	1903	Goggin, Rev. B., Kinsale.	1906
Bunbury, Miss, The Palace, Limerick.	1892	Graham, P. F., M.D., George St.	1898
		Griffiths, H. M., County View Ter.	1899
Class Charles M.A. Rutland St	TOOF		
Close, Charles, M.A., Rutland St.	1905	Hall, J. P., 62 George Street	1898
Cochrane, Robert, F.S.A., M.R.I.A.,		Hamilton, Peter, North Strand	1902
7 Highfield Road, Rathgar.	1901	Hamilton, Col. T. H., 6 Barrington	•
Cusack, P., Evelyn Lodge, Ballinacurr		Street	1905
	1897	Hanna, W. F., George Street	1898
Coffey, George, B.A.I., M.R.I.A., Du	blin.	Hare, G. F., L.D.S., Pery Square	1896
(hon. mem.)	1902		
,	-	Harris, H. B., Spanish Point, Co.	
	-0	Clare.	1905
	1899	Hartigan, F. C., B.E., Rathkeale	1904
DeCourcy, R., B.E., Cecil Street.	1905	Haughton, Miss L, Protestant Aid H	
Dillon, Hon. R. E., Clonbrock, Ahaser	ragh,		1892
Co. Galway-(hon. mem.)	1898	Hayes, Henry, Mulgrave Street.	1900
Dodds, Joseph, LL.D., 4 Cloghrenna	ın	- Hayes, Thomas, C.I.	1897
Terrace	1902	Hayes, Thomas, M.D., Brownville, 1	
Dodds, Mrs., B.A., 4 Cloghrennan	-)	keale.	1896
	1902	Heddel, Sister Moodie, 23 Barrington	
Terrace		rieddel, bister moodie, 23 barringto	
Dowd, Rev. Jas., B.A., Swanson Ter	race.	Hausting Trabba Tours (7	1901
- m	1897	- Heretier, L'Abbe, Tervoe. (hon.mem.)	
Dowling, Jerome, Thomas Street.	1905	Hewson, J. J., Hollywood, Adare.	1905
Downey, C., New Wellington Ter.	1901	Hewson, Mrs. Massy, George Street.	1901
Doyle, Miss Alice, Hon. Sec., 56		Hewson, R. F. Hollywood, Adare,	1899
George Street.	1897	Hibbert, R. F., J.P., Wood Park, Sc	ariff.
Doyle, Miss L., 56 George Street.	1901		1897
, , —, J	-		

LIST OF MEMBERS-CONTINUED.

Horan, John, C.E., Pery Square. Hughes, A., Victoria Terrace. Hughes, Mrs., Victoria Terrace. Hunt, R. W., 83 George Street. Irwin, Kendal, Mallow Street. 1897 1902 1902 1905	O'Donnell, Patrick E., Solicitor, Glentworth Street. 1899 O'Kelly, P. B. (hon. mem.) Glenarra House, Ballyvaughan. 1902 O'Meehan, P., L.D.S., Mallow St. 1896 Orpen, Rev. H. A., B.A., Adare. 1900
Johnson, Mrs., Villiers' School. 1898 Keane, Marcus, J.P., Beechpark, Ennis.	Palmer, Miss, 91 George Street. Pearse, Dr. P. S. 1901 Pfaffe, Mrs., Albert Lodge. Power, Rev. John, P.P., Kilteely. 1901
Kennedy, J., 16 Hartstonge Street 1905 Lane, T. Moore, Provincial Bank. 1905 Lee, Arthur, North Strand. 1905 Lee, Rev. T., P.P., Croom. 1897 Lynch, Major Wilson, Belvoir, Sixmile-bridge. 1897 Lynch, P. J., M.R.I.A.I., 8 Mallow Street. 1897	Quajd, J. J., 82 George Street. 1905 Roche, Robert, Wellesley Lodge. 1901 Roche, Mrs., Wellesley Lodge. 1902 Rowntree, H., Provincial Bank. 1905 Ryan, George, C.E., Moyola Terrace. 1897 Ryan, Mrs., Moyola Terrace. 1898
Macnamara, Dr. George U., Bankyle House, Corofin. 1897 Matheson, Sister C., 26 Barrington Street. 1904 Mercer, Miss, High School. 1892 Mescal, D., St. Lenan's, Rodenhurst Road, Clapham, London. 1905	Sams, H. L., Osmington Terrace. 1896 Scanlan, J. H., 57 George Street. 1905 Scott, George, Curraghgour. 1896 Sheehy, Brian E. F., C.E., 50 George St. 1898 Stewart, Joseph, M.P.S.I., Hon. Treas., 44 George Street. 1892
Mennell, B. É., 4 Catherine Place. Morony, H. V., B. E., Crescent View. Morony, Mrs. Murray, Archibald, Portland. Murray, Bruce, Portland. Muspratt, Mrs. F., 44 Henry Street. McClean, Rev. R., LL. D., Rathkeale. McCoy, Matthew D., 21 Barrington Street. Murphy, D. L., 1 Jessamine Villas.	Taylor, Rev. T., M.A., Kilnasoolagh. 1901 Thomas, Rev. J. H., B.A., Aghadoe. 1904 Thorp, Walter, F.C.S., 57 George Street. 1895 Toppin, John, Willmount. 1893 Toppin, P. R., Junr., Willmount Twiss, W. H., Provincial Bank, Clonmel. 1900 Vincent, Miss, 31 Catherine Street. 1905
Neale, Francis, Dublin. (hon. mem.) 1892 Noakes, H. S., R.E. Office, Pery Square. 1898	Wallace, Mrs., Barrington Street. 1898 Wallace, Joseph, Bellevue. 1903 Webb, William, Hill View. 1902
Noakes, Mrs. " " 1898 O'Brien, Captain F. H. S., R.N., Cratloe Woods. 1896 O'Brien, Very Rev. Dean, Corbally. 0'Brien, R. D., C.E., Parteenalax. 0'Brien, W. A., 22 Thomas Street. 0'Brien, R. Vere, Ballyalla, Ennis. 0'Connell, Miss. 4 Wickham Street. 1900	Webb, Mrs. Hill View. 1902 Welply, W. N., Rosendale, Corbally. 1905 Walsh, P. J., Rose Cottage. 1905 Westropp, Thomas J., M.A., M.R.I.A., Dublin. 1897 Windle, J. F'G., C.E., President, Tipperary. 1897 Woodhouse, Miss, 35 George Street. 1892 Wright, Professor E. Percival, M.A., M.D., Trinity College, Dublin. 1901

