

## ERNEST HENRY WILSON.

ERNEST HENRY WILSON has been such a shining ornament in Botany and Horticulture for the past quarter of a century, that it was only fitting he should be elected to the distinguished position of President of our Guild and his portrait occupy the page of honour.

Wilson was born at Chipping Campden in Gloucestershire in 1876. Some years later his parents removed to Solihull in Warwickshire, where he entered the nurseries of Messrs. Hewitt. In 1892 he was recommended to the then Curator of the Birmingham Botanical Gardens—Mr. W. B. Latham, an old Kewite—as a very promising journeyman. The gardens at this period were noted for their rich and varied collections of plants, particularly of stove and greenhouse ferns.

In those days, hours of work were long; but Saturday afternoons gave an hour's extra freedom, and then frequent botanising trips were arranged, when Wilson displayed those magnificent powers of observation and discernment which have contributed to make him the greatest plant collector of modern times. Birmingham, with its Technical School, offered facilities for the study of botany. Wilson made such use of them that he won a Queen's prize in this subject at the Examination held by the Board of Education.

In January 1897, Wilson came to Kew, and it was not long before his sterling qualities were recognised, both by his work in the garden and in the lecture room. Commencing in the herbaceous ground, a few months later he was transferred to the "Seed Pit" where he spent the rest of his time in Kew. In most of the lecture courses he came out top, and also won the Hooker prize at the "Mutual" for a masterly essay on Coniferae.

His love of botany as a science led Wilson to think of becoming a teacher of that subject; so he left Kew and became a student at the Royal College of Science, South Kensington. But he soon discovered his real vocation, and when Messrs. J. Veitch & Sons asked the Director to recommend a suitable man to send out to Central China to collect living plants and their seeds the choice fell on Wilson, and how well he succeeded on this first trip (1899-1902) was shown by Veitch's asking him to make a second trip (1903-05) to another part of China, which was even more successful. Wilson's fame as a plant collector had by then become world-wide, and 1907-9 found him again visiting China for Harvard University and several subscribers; he made a second trip in 1910-11. The results of his labours are shown in *Plantae Wilsonianae*, which contains descriptions of no fewer than 2,716 species and 640 varieties of plants; many of these were new to science.

Wilson next made two journeys to Japan. In 1914, he explored the Southern Island Yakushima, with its *Cryptomeria* forests, to the sand dunes of Saghalien. In 1917, he went to Korea, Formosa, and other outlying parts of this wonderful Empire. In May 1922, when he presided at the Annual Dinner of the Guild, Wilson had just returned from the latest of his journeys, having visited, on behalf of the Arnold Arboretum, Australia, New Zealand, Tasmania, Java, Singapore, the Federated Malay Straits, the greater part of India, East Africa, Rhodesia, South Africa, and Natal.

Despite his wanderings, Wilson has found time for a vast amount of literary work, and has recorded much first-hand knowledge. His work has received recognition from numerous learned societies, including the V.M.H. from the R.H.S., and the M.A. from the Harvard University, the controlling body of the Arnold Arboretum, of which he is now the Assistant Director.

W. H.

## CAPITAL ACCOUNT.

LIABILITIES.			ASSETS.				
	£	s.	d.		£	s.	d.
Thomson Bequest .....	92	8	6	£300 New South Wales 3½ per cent. Stock .....	300	0	0
To 312 Life Subscribers of £1 at two-thirds rate .....	208	0	0	£25 5 per cent. (1929-1947) War Loan Stock .....	25	0	0
To 133 Life Subscribers of £2 at two-thirds rate as per Rule 7 .....	177	6	8	813 Journals in stock at 1/- 234 Journals in stock at 2/6 .....	40	13	0
Balance of Assets .....	9	11	9	Deposits in Post Office Savings Bank .....	63	11	5
				Balance in hand .....	1	12	6
				Advertisements due .....	27	5	0
	<u>£487</u>	<u>6</u>	<u>11</u>		<u>£487</u>	<u>6</u>	<u>11</u>

## BENEVOLENT FUND.

RECEIPTS.			EXPENDITURE.				
	£	s.	d.		£	s.	d.
Balance from 1920-21 .....	13	7	10	Grant to Mr. R. Lewis Castle	5	0	0
Donations .....	3	12	6	Balance in hand .....	12	6	10
Interest on Deposits in Post Office Savings Bank .....	0	6	6				
	<u>£17</u>	<u>6</u>	<u>10</u>		<u>£17</u>	<u>6</u>	<u>10</u>

## WAR MEMORIAL.

RECEIPTS.			EXPENDITURE.				
	£	s.	d.		£	s.	d.
Balance from 1920-21 .....	169	0	4	War Memorial .....	124	0	0
Donations 1921-22 .....	2	10	6	Sir R. Lorrimer's Fee .....	18	10	0
				Postages and Receipts .....	0	0	4
				Balance in Post Office Savings Bank .....	29	0	6
	<u>£171</u>	<u>10</u>	<u>10</u>		<u>£171</u>	<u>10</u>	<u>10</u>

## DINNER ACCOUNT, 1921.

RECEIPTS.			EXPENDITURE.				
	£	s.	d.		£	s.	d.
116 Subscribers at 9/- .....	52	4	0	137 Dinners at 8/6 .....	58	4	6
10 do. at 17/6 .....	8	15	0	Printing .....	1	12	6
To Balance from Guild Funds	0	13	9	Head Waiter .....	0	12	6
				Telegram and Postages .....	1	3	3
	<u>£61</u>	<u>12</u>	<u>9</u>		<u>£61</u>	<u>12</u>	<u>9</u>

Compared with Vouchers, Bank Book, Stock Receipts, etc., and found correct—

J. COUTTS, *Treasurer.*

ARTHUR OSBORN, *Secretary.*

A. C. BARTLETT, } *Auditors.*  
S. A. SKAN, }

May 15, 1922.

## ANNUAL GENERAL MEETING.

THE Annual General Meeting of the Guild was held at the Imperial Hotel, Russell Square, W.C. 1, on May 24, 1922, at 6.30 p.m. The Chairman of Committee, Mr. CHARLES H. CURTIS, occupied the Chair, and was supported by a large gathering of members.

The Minutes of the Annual General Meeting held at the Holborn Restaurant on May 25, 1921, having been printed and circulated to all members in the *Journal*, Mr. JOHN WEATHERS moved that they should be taken as read. This was seconded by Mr. W. DALLIMORE, and carried unanimously.

Copies of the Annual Report and Balance Sheet were distributed among those present. The Annual Report was read by the Secretary, and the Treasurer dealt with the most important items in the Balance Sheet.

In moving the adoption of the Report the CHAIRMAN said it contained one or two items of more than ordinary interest to members. They would expect him to refer to the retirement of Sir DAVID PRAIN from the Directorship of the Gardens, a post he had filled with distinction for some 16 or 17 years. Sir DAVID was always ready to help their Guild and its members in any way he could. It gave him (the CHAIRMAN) great pleasure to move that the Secretary write to Sir DAVID thanking him for his assistance and support of the Guild, and especially with their War Memorial. They hoped both Sir DAVID and Lady PRAIN would be spared for many years to enjoy a well-earned rest and have good health in their new home at Putney. In the appointment of Dr. HILL as the new Director of Kew he felt their Guild was assured of continued official support. All present knew Dr. HILL took a keen interest in the work of the Guild, but probably few outside the Committee knew what a pillar of support they had in the new Director during the trying period of the War.

Mr. W. HALES said that they would all be pleased to see the Balance Sheet in connection with their War Memorial and to see that there was a balance to the good of £29. They would have to decide that evening what they should do with this money. He was pleased to see the Treasurer had received a sum of £9 14s. as arrears of Annual Subscriptions from members.

Mr. J. WEATHERS asked the present value of their £300 New South Wales Stock. The interest of 3½ per cent. was very low in view of the present value of money. He asked whether it would not be possible to invest it elsewhere to better advantage. The CHAIRMAN said they could not at the moment state its value, but the Treasurer would ascertain and publish it in the *Journal*. Its present value was certainly under £300, and as the investment had only a few more years to run and then was redeemable at par, he felt it would be a great mistake to do anything at the present time.

Mr. LAMB commented on their large stock of old *Journals*. He suggested the Editor should draw attention in the next *Journal* to the value and interesting reading in these books which should appeal particularly to their younger members.

In rising to second the adoption of the Report and Balance Sheet, Mr. C. CUNDY, the retiring President, also spoke of the value and interest of the *Journal*.

The Committee were elected as follows:—Mr. A. D. COTTON in place of Mr. L. A. BOODLE, and Mr. W. LESLIE in place of Mr. D. TANNOCK.

There were four nominations for the two vacancies caused by the retirement of Messrs. W. HALES and H. SPOONER. A show of hands resulted as follows:—Messrs. C. H. CURTIS (30), F. G. COUSINS (18), A. C. BARTLETT (12), A. C. HARTLESS (7). The CHAIRMAN declared the first two elected.

The re-election of Mr. J. COUTTS as Treasurer was proposed by Mr. DALLMORE and seconded by Mr. CUNDY, and the re-election of the Secretary, Mr. A. OSBORN, was proposed by Mr. CUNDY and seconded by Mr. GREGORY.

A lengthy, and at times animated, discussion took place with regard to the War Memorial balance of £29 0s. 6d. The CHAIRMAN said that when the various schemes for their War Memorial were under consideration; one, which received considerable backing, was the raising of a Fund to provide Scholarships for promising Kew students. The balance of £30 was small for such a purpose, but it might very well form the nucleus of such a Fund. Mr. W. HALES strongly supported an Educational Fund. Most of those present were already aware of his views on the improvement of the gardener's education. When the idea of a War Memorial was first started he was strongly in favour of founding a scholarship or something similar. He and other older Kewites out in the world now realised how valuable an academic training, combined with the practical training at Kew would be to them now. The students should be able to look to the Guild Committee for advice; the Committee might make a grant of money for the purchase of books, or assist in the payment of fees, if a student was studying for the B.Sc. degree for instance. Mr. J. COUTTS also spoke strongly in favour of such a scheme. To put the thing on a definite basis he should like to move that a fund of £1,000 should be raised for Educational purposes. To some this might sound a large sum, but for a body such as the Kew Guild, with nearly 1,000 members, it should be readily obtained. Mr. J. WEATHERS was very strongly in favour of handing the balance over to the Benevolent Fund. He was not in favour of a scientific training and the teaching of languages to a gardener. It was like burning a candle at both ends. The man who succeeded in gardening was the man who knew how to trench the ground and prune the trees, the man who took off his coat and did the work was the one to make a success of it.

Mr. H. COWLEY asked if the Committee had received any applications for assistance from the relatives of men killed in the War. This would be a very good purpose for the War Memorial Balance. The Secretary said he had not heard of distress or received any application for assistance in this direction.

Mr. C. CUNDY said he could not support the views of Mr. WEATHERS. He thought it would be a very good thing to help and encourage the studies of their younger members. Messrs. E. H. WILSON, Mr. H. J. DAVIES and others, made a few remarks, and the resolution that the War Memorial Balance of £29 0s. 6d. should form the nucleus of an Educational Scheme or be given to the Benevolent Fund, was then put to the meeting by the Chairman. A show of hands resulted in a tie 27 votes in favour of each scheme. The CHAIRMAN gave his casting vote in favour of the Educational Scheme.

The Chairman, Mr. C. H. CURTIS, promised to subscribe £5 a year for four years for the first £100, if four others would do the same. Messrs. E. H. WILSON and F. SILLITOE at once accepted the Chairman's suggestion, and Mr. C. CUNDY promised £1 a year for four years.

A vote of thanks to the Chairman, proposed by Mr. HALES and seconded by Mr. A. HOSKING, brought the meeting to a close.

The following were present:—

Wilson, E. H. ( <i>Chairman</i> ).	Glover, F.	Mason, E.
Abbott, J. M.	Glover, Mrs. F.	Miller, E.
Alcock, Mrs. N. L.	Godfrey, W. F.	Murray, J. G.
Andrews, G.	Godseff, L. G.	Newman, C. H.
Auton, W. J.	Green, Miss.	Osborn, A.
Baker, E.	Greenway, P. J.	Pirie, J.
Baker, S.	Gregory, J.	Prain, Sir David.
Barker, W. H.	Grinham, F. B.	Preston, F.
Bartlett, A. C.	Grinham, Mrs. F. B.	Proudlock, A. W.
Bartlett, Mrs. A. C.	Hales, W.	Raffill, C. P.
Bean, W. J.	Hales, Mrs. W.	Roberts, W.
Benton, A. W.	Halkerston, D.	Robertshaw, P.
Biggs, E. M.	Halkerston, Mrs. D.	Robertson, J. A.
Blackburn, A.	Harborne, B. W.	Robinson, G. W.
Blakesley, Miss.	Harrow, R. L.	Rowan, Miss. H.
Boodle, L. A.	Hartless, A. C.	Rudolf, Miss O.
Boodle, Mrs.	Harvey, H.	Sanders, H.
Briscoe, T. W.	Harwood, A.	Saville, D.
Brook, E.	Hayes, R. R.	Sayer, H. W.
Burrell, Miss L. C.	Hibbins, W. R.	Scott, W. C.
Buss, L.	Hill, Capt. A. W.	Semple, J. A.
Cavanagh, A. A.	Hillier, G.	Sillitoe, F.
Christie, J. E.	Hillier, J. M.	Spooner, H.
Chollet, P.	Hockley, W. A.	Sprague, T. A.
Clarke, T. E.	Holland, J. H.	Squibbs, F. L.
Coates, Mrs. D. B.	Holland, Mrs. J. H.	Stapf, O.
Collin, H.	Hopkins, A. J.	Sudell, E.
Collins, W.	Hosking, A.	Sudell, E.
Conn, P. W.	Howell, W.	Taylor, W.
Cotton, A. D.	Hubbard, C.	Toms, K. E.
Cousins, F. G.	Hutchings, Miss A.	Trevithick, W. E.
Coutts, J.	Hutchinson, J.	Tuck, W. H.
Coventry, F. C.	Hutchinson, Mrs. J.	Ussher C. B.
Coward, E.	Jones, C.	Waddell, Miss P.
Cowley, H.	Jones, J. D.	Wakefield, Miss E. M.
Curtis, C. H.	Joshua, Miss L.	Walden, F.
Curtis, Mrs. C. H.	Kennedy, W. A.	Wallace, J. C.
Cundy, C.	Kennedy, Miss.	Watson, J. W.
Dallimore, W.	King, H. G.	Watson, N. J.
Davidson, Miss H. W.	Lamb, G.	Weathers, J.
Davies, H. J.	Lavender, W. L.	Welsh, H. W.
Dawe, M. T.	Lawrence, W.	Whipps, A. C.
Dear, G.	Lines, Miss L. J.	Wilson, Mrs. E. H.
Drew, Miss D. E.	Lodge, J.	Wilson, Miss M.
Eavis, H.	Longmire, F. J.	Winn, W. N.
Ellis, Miss C. F.	Lynch, R. S.	Woodhouse, P. J. C.
Epps, Miss L.	Lynch, Mrs. R. S.	Wright, J. W.
Evans, F. J.	Mackenzie, S. J.	Young, T.
Farr, B. E.	Manning, W.	Young, W. H.
Fox, W.	Marks, J. T.	
Gill, B.	Marks, Mrs. J. T.	
Gill, R. E.	Marshall, A.	

OLD KEWITES AT HOME.—D. MacGregor (Shanghai), R. L. Proudlock (Jersey), T. W. Main (F. M. S.), F. G. Sayer (Uganda), Nellie Robshaw, Mrs. W. Smith (Canada), W. C. Fishlock (Gold Coast), F. B. Butler (Kenya), C. Howlett (S. Africa), W. J. M. Cunningham (Calabar), G. S. Crouch (Egypt), J. W. Brown (Egypt), Archibald Brookes (St. Vincent, B.W.I.), E. M. Biggs, R. S. Lynch, and A. B. Melles (France).

### THE DINNER.

THE Imperial Hotel, Russell Square, London, was the venue chosen by the Committee for the 1922 Dinner. The accommodation provided, and the Dinner, were generally voted an improvement, and it was decided to make arrangements to hold the Annual Meeting and Dinner there in 1923.

The President-elect, Mr. ERNEST H. WILSON, M.A., V.M.H., occupied the Chair and was supported by a company numbering 148, the largest attendance at a Guild Dinner to date.

Justice having been done to the repast, admirably served by the hotel staff, the CHAIRMAN gave the toast of "The King" which was duly honoured.

In rising to propose the toast of the evening, that of the "Kew Guild," the CHAIRMAN said how honoured he felt in being asked to preside over their gathering that evening. He was pleased to learn from the Secretary that the attendance constituted a record for the Dinner. He was now on his way back to America after an extended tour, the most important places he had visited being Australia, New Zealand, India, and Uganda. He had met many Kew men in distant parts of the Empire, doing their best, often under great difficulties. He realised more than ever before how true were the words of their former Director, Sir William Thiselton-Dyer, who said: "No body of men and women did more for the Empire than the members of the Kew Guild." The thoughts of very many Kewites scattered throughout the world were centred on their gathering that evening, wishing they also could be present to renew old friendships and meet the present Kewites. He was pleased to see a few overseas members with them—Mr. M. T. Dawe, Mr. and Mrs. D. Halkerston, Mr. F. J. Evans, Mr. F. Sillitoe, and Mr. C. B. Ussher. Time would not permit of his relating details of the Kewites he met during the tour. He spent Christmas with Mr. and Mrs. Snowden at Kampala. Another he might mention was Mr. C. E. F. Allen at Port Darwin. In conclusion he would ask them to drink to the prosperity of the Kew Guild; they were more than a Guild—Brotherhood was really a better word. He would couple with the toast the name of Mr. M. T. Dawe.

In responding to the toast, Mr. DAWE said he had travelled so much in recent years that he was rather out of touch with Guild matters, and he felt that the Secretary could easily have found someone better fitted to respond to the toast. In his travels abroad one thing he regretted to see was that University and Agricultural College men were getting many of the better-paid posts which should be filled by Kew men. The Kew training apparently did not fit men for these posts, and it should be altered. He suggested that it would be of considerable help to Kew men destined for India and the Colonies if it could be arranged for them to have a course of study at the West Indian Agricultural College, Trinidad. The lectures given when he was at Kew were perhaps of some use, but were far from adequate to fit Kew men for the work they were expected to undertake when they went out into the world.

Sir DAVID PRAIN, in proposing the toast of "Prosperity to Kew," said he felt it a privilege and pleasure to propose this toast. It was something like 35 years since he first came into touch with Kew. For 25 years he had been intimately connected with Kew, the last 16 years immersed in all sorts of work connected with the office of

Director. He could claim to know something about what Kew is and does. It was a particular pleasure for him to see present that evening three Kew men who were in India with him (Messrs. Kennedy, Hartless and Davies). He had listened with interest to the remarks of Mr. Dawe with which he whole-heartedly agreed, except his reference to the present courses of lectures at Kew. In recent years the scope of these had been considerably widened and improved. They might not be all one could wish, even now, but they were a great advance in the right direction. In coupling the name of the new Director, with the toast of "Prosperity to Kew," he felt, having worked with Dr. Hill for some 14 or 15 years, that the future prosperity of Kew was safe in his hands, and those working with him at Kew.

Dr. HILL, in reply, said it seemed very fitting that they should be gathered together on Empire Day, for Kew was essentially an Imperial Institution. He was very much touched with the many letters he had received from Kew men in all parts of the world during the last three months. He thanked Sir David for his very kind remarks and his ever-ready help and guidance, since he (Dr. Hill) was appointed Assistant Director in 1907. He thanked the members of the Guild for their good wishes for the prosperity of Kew. He felt it a great honour to be placed in charge of an important institution like Kew. On their programme he was deputed to propose the health of Mr. Wilson, their Chairman that evening, and the President-elect of their Guild. Mr. Wilson was only making a short stay in England before returning to resume his duties as Assistant Director of the Arnold Arboretum. There was no need for him to talk to them of Mr. Wilson's achievements as a traveller and plant collector. While congratulating Mr. Wilson, his numerous friends very much regretted it was only a brief visit. Their loss was America's gain.

Between the speeches, songs by Miss Norah Watson and Mr. T. W. Briscoe were greatly appreciated. Longer intervals than usual were arranged between the various items to give facilities for the renewal of old acquaintances and the making of new ones.

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## THE MUTUAL IMPROVEMENT SOCIETY.

Session 1921-22.

NINETEEN weekly meetings were held during the winter on Monday evenings from October to March.

Mr. J. COUTTS again acted as Chairman, this being his 10th session. Mr. T. W. TAYLOR was elected as Vice-Chairman, but owing to his long and serious illness was not able to attend any of the meetings.

Only eight papers were given by Sub-foremen and Student Gardeners. Six lectures, three of which were lantern lectures, being given by the Assistant Director (now Director) and Staff.

An old practice of having four meetings devoted to Question and Chapter Nights was revived.

The average attendance was 28.1, a slight decline compared with the previous session. The maximum attendance was 48 and the minimum 14.

The Hooker Memorial Prize, given by Sir D. Prain, was awarded to Mr. P. J. Greenway, and the Society's Prize to Mr. L. R. Buss.

*Syllabus.*

1921.	Subject.	Lecturer.
Oct. 17	A Visit to the Cameroons and Nigeria (L.I.) .	Capt. A. W. Hill, M.A., Sc.D., etc.
„ 24	“Buds on Roots and Buds on Stems” from Kerner and Oliver.	
„ 31	Question Night.	
Nov. 7	Succulent Plants .....	Mr. W. E. Trevithick.
„ 14	The Kew Arboretum .....	Mr. A. Osborn.
„ 21	“The Fall of the Leaf” from Kerner and Oliver.	
„ 28	The Flora of the Balkans (L.I.) .....	Mr. W. B. Turrill, M.Sc.
Dec. 5	Question Night.	
„ 12	Kew Gardeners (Past, Present, and Future)...	Mr. W. Dallimore.
„ 19	Chrysanthemums .....	Mr. D. Saville.
1922.		
Jan. 2	Apples and Pears .....	Mr. W. H. Barker.
„ 16	Bark Beetles .....	Dr. J. W. Munro.
„ 23	The Propagation of Trees and Shrubs .....	Mr. L. Buss.
„ 30	Rock Gardens and Alpine Plants .....	Mr. W. Thornton.
Feb. 6	Vines .....	Mr. C. E. Hubbard.
„ 13	A Visit to the West Indies (L.I.) .....	Miss E. M. Wakefield, M.A., B.Sc., F.L.S.
„ 20	Garden Pests .....	Mr. J. A. Robertson.
„ 27	Ericaceæ .....	Mr. K. E. Toms.
Mar. 6	Secretary's Report.	

P. J. G., *Hon. Secretary.*

CRICKET CLUB.—Although not so successful as we could have wished from a match-winning point of view, the season was very satisfactory. Twelve matches were played, of which three were won. The best performance of the season was against St. George's, West Kensington, when we won by 144 runs to 37. Messrs. Coates and Squibbs, respectively, headed the batting and bowling averages.

W. H. BARKER, *Hon Sec.*

FOOTBALL CLUB.—The season has, so far, been much more successful than that of recent years. To date, 20 matches have been played: 10 were won, 6 drawn and 4 lost. The Royal Gardens Club have scored 45 goals to 27 against. The position in the B Division of the Richmond and Twickenham League is third, and it is hoped to go even higher before the end of the season. This great improvement in Football is largely due to the untiring efforts of the Captain, Mr. Harold Welsh, who takes immense interest in the team and all work well together, with the result that there is a fine combination. Mr. H. Sayers is Vice-Captain; the Committee are Messrs. J. Pirie and R. Paton; Hon. Secretary, Mr. P. W. Conn. The Committee wish to record their appreciation of the support given the Club, especially at the matches, which the team has found very encouraging.

P. W. CONN.



**SWIMMING CLUB.**—A General Meeting of the Sports Club was held in the Lecture Room on April 7, 1922, when the resignation of the Hon. Sec. (Mr. H. Ruck) was regretfully accepted, and the following Officers and Committee were elected:—Mr. A. P. Bass (Capt.), Mr. R. A. Paton (Vice-Capt.), Messrs. W. H. Barker and P. W. Conn, and K. E. Toms (Hon. Sec.).

The Annual Championship Swimming Race was held on July 28 in the River Thames from the Richmond side of Brentford Gate to Kew Bridge; a distance of 1 mile. The conditions were excellent; the evening being one of the finest of the Summer, and the Race throughout was in very smooth water, with a strong ebb tide. The Club regretted the forced absence, owing to official duties, of the Director and other members of the Staff, who take a great interest in the event and are usually present. Mr. H. Ruck acted as Judge, Mr. W. T. Taylor as Umpire and Mr. J. Seeley as Starter and Timekeeper. Eight competitors started and all finished the course. Mr. K. E. Toms finished first, in 12 min.; Mr. J. Ruck, 12 min. 30 sec.; Mr. A. P. Bass, 13 min.; Mr. S. Baker, 14 min.; Mr. R. A. Paton, 14 min. 30 sec.; Mr. C. H. Newman, 15 min. 30 sec.; Mr. J. A. Semple, 16 min.; Mr. P. J. Greenway, 17 min. Although the exciting finish of the previous year was not repeated it was a successful event. The value of the prizes presented by the Club were as follows:—First 30s., second 20s., third 15s., and the first prize winner holds for one year the solid silver Championship Challenge Cup presented to the Club by the Director.

The prizes were presented by Dr. Hill at the opening meeting of the Mutual Improvement Society on Oct. 23, when, after complimenting the winners, he expressed regret at his inability to have seen the race.

On the whole the season has been the most successful since the War, 395 cheap swimming tickets, admitting members to Richmond Baths having been sold. At the Baths a course of ten swimming lessons were given by an expert Instructor from which several members derived much benefit.

K. E. TOMS, *Hon. Sec.*

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#### BRITISH BOTANY CLUB, 1922.

THE season of 1922 was a very good one for plant collectors. Unlike its predecessor it gave us no prolonged drought, and members of the Club were able to get some very fine specimens. Four half-day excursions and numerous evening rambles were made.

Eighteen excellent collections were sent in for examination and gained certificates; while two, those of Messrs. A. A. Cavanagh and D. Saville, were specially mentioned.

E. NELMES,  
*Hon. Secretary.*

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## THE LECTURES, 1922-23.

**Soils and Manures.** Lecturer, Mr. E. M. Crowther. 10 Lectures. Maximum marks, 100. Highest number: J. Pirie and W. E. Trevithick, 98; Miss Warner, 95; C. E. Hubbard, 94.

**Advanced Systematic Botany.** Lecturer, Mr. C. H. Wright, A.L.S. 25 Lectures. Maximum marks, 250. Highest number: B. Woodhouse, 220; Miss L. Burrell, 211; W. C. Scott, 210.

**General Botany.** Lecturer, Mr. T. A. Sprague, B.Sc., F.L.S. 36 Lectures. Maximum marks, 300. Highest number: W. H. Barker and Miss Warner, 292; P. J. Greenway, 290; A. Birkinshaw, 285.

**Geology and Soils.** Lecturer, Dr. H. H. Thomas, D.Sc. 16 Lectures. Maximum marks, 100. Highest number: A. Birkinshaw, W. A. Hockley, and H. L. Stenning, 80; W. H. Barker and F. L. Squibbs, 75; A. A. Cavanagh, C. Jones, F. W. Sayer, A. W. Taylor, S. J. Mackenzie, and J. W. Watson, 70.

**Elementary Systematic Botany.** Lecturer, Mr. W. B. Turrill, M.Sc. 12 Lectures. Maximum marks, 110. Highest number: W. Lawrence, 110; J. W. Watson, 108; F. L. Squibbs, 107.

**Economic Botany.** Lecturer, Mr. J. M. Hillier. 25 Lectures. Maximum marks, 150. Highest number: W. C. Scott and P. Woodhouse, 150; A. Birkinshaw, 148; G. W. Andrews and W. H. Barker, 146.

**British Botany.** 18 Collections sent in for examination and received certificates, while the excellent condition of the collections of the following were specially mentioned: A. A. Cavanagh, D. Saville.

**Plant Pathology (Fungi).** Lecturer, Mr. A. D. Cotton, F.L.S. 25 Lectures. Maximum marks, 250. Highest number: W. H. Barker, 239; P. J. Greenway, 230; J. Pirie, 229.

**Plant Pathology (Insect Pests).** Lecturer, Dr. J. W. Munro, D.Sc. 10 Lectures. Maximum marks, 100. Highest number: C. Jones, 94; A. Birkinshaw and E. H. Killick, 93; P. J. Greenway and W. H. Barker, 91.

**Physics and Chemistry.** Lecturer, Dr. P. Haas, D.Sc., Ph.D., F.C.S. 25 Lectures. Maximum marks, 100. Highest number: W. Lawrence, 95; G. Robinson, 93; F. Hawkins and W. Lamberton, 90.

MR. W. H. AGGETT, who left Kew in June 1888, has retired from the post of Garden Superintendent to the Bermondsey Borough Council which he has held for 30 years, and during that time has been largely instrumental in increasing the gardens and open spaces from three to nine, and has planted some 70 miles of street trees which have flourished exceedingly, making the borough famous throughout the country.

MR. W. H. JOHNS, lately Horticultural Instructor to the Cornwall County Council, has been appointed successor to Mr. Aggett.

## KEW NOTES.

THE number of visitors to the Gardens during 1922 was 1,143,758, a decrease of 92,550 compared with the previous year. The greatest monthly attendance was during May, the figures being 246,136 (1921, 244,212); the greatest single day record was 54,668, on Whit Monday, June 5, and the highest Sunday attendance was 35,205 on May 21. The lowest monthly record was December with 11,163, the lowest Sunday numbers 71, on December 31, and the lowest attendance for one day, 12 on January 27. Visitors on Sundays totalled 457,926 and on week-days 685,832; Bath chairs numbered 861, perambulators 7,653, cameras 11,497, exclusive of season tickets.

DURING the summer Sir George Holford, M.V.O., most generously gave Kew a large number of Orchids, valued at several thousands of pounds, to help replace those lost through the action of salt water during the drought of last year.

THE Herbarium of the late Mr. W. Hancock has been given to Kew by Miss Hancock. Mr. Hancock, who died in 1914, was for many years in the Imperial Maritime Service in China, and had a collection numbering about 10,000. At various times he sent specimens and plants to Kew from China, Formosa, Japan, Java, Sumatra, Central America, and the West Indies.

MR. G. D. PATTERSON, who has been Clerk of Works at Kew since 1911, has retired. At the time of going to press no successor has been appointed. Mr. J. E. Holman is in charge.

KEWITES IN THE *Gardeners' Chronicle*.—Each week the *Gardeners' Chronicle* publishes a portrait and an appreciation of some eminent botanist or horticulturist, and amongst those Kewites who have been thus honoured are: Mr. W. Auton, February 17, 1923; Mr. James Guttridge, November 11, 1922; Mr. Alexander S. Galt, January 13, 1923; Mr. W. W. Pettigrew, March 3, 1923; Mr. N. E. Brown, April 22, 1922; Dr. A. W. Hill, March 4, 1922; Sir David Prain, February 25, 1922; Mr. J. Fraser, upon his receiving the V.M.H., 1922.

ASSISTANT CURATORS AT KEW.—On the retirement of Mr. Watson and the appointment of Mr. Bean as Curator, the Ministry of Agriculture took advantage of the opportunity of making a belated improvement in the status of the permanent "foremen." So that now Messrs. W. Irving, A. Osborn, J. Coutts, T. W. Taylor, and C. P. Raffill, are raised to the dignity of Assistant Curators, and this will probably be a source of even deeper gratification to our other members than themselves.

THE Forrest collection of dried plants at Kew has been enriched by an almost complete set of nearly 6,000 specimens, collected by Mr. Forrest in Yunnan and S.E. Thibet, and labelled with his numbers.

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MR. F. J. BERRIDGE writes that he has been engaged at the L.C.C. Education Department, Botany Scheme, Avery Hill, since 1920, where he finds the work very congenial.

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MR. CHAS. H. CURTIS (President, 1916), Managing Editor of the *Gardeners' Chronicle*, was elected to a seat on the Directorate of the *Gardeners' Chronicle* Company at the last half-yearly meeting. For some time past he has been a member of the Brentford District Council, and on his recent re-election Mr. Curtis was elected Vice-Chairman.

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AT the Annual General Meeting of the Royal Horticultural Society 1922, Mr. J. Fraser was the recipient of the Victoria Medal of Honour in recognition of his long service to Botany and Horticulture. It is not always that the choice of the R.H.S. Council for this honour meets with general approval, but the selection of our esteemed old member was received with the greatest satisfaction. Mr. Fraser came to Kew from the R.H.S. Gardens at Chiswick, to take charge of the Rock Garden, in 1882; and after three years in the gardens he went to the Jodrell Laboratory with Sir John Lubbock, and two years later became Assistant-Editor of the *Gardening World*. As is well known to all Kewites, Mr. Fraser possesses an amazingly wide knowledge of many subjects and has written on them in very many publications. All Kewites will join in our congratulations and in the hopes that he will long enjoy his honours and work.

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MR. W. J. BEAN, who had already been awarded the Victoria Medal of Honour by the Council of the Royal Horticultural Society, was at the last Annual General Meeting of that Society further honoured with the Veitch Memorial Medal "for his work on trees and shrubs." This medal was instituted in 1873, in memory of Mr. James Veitch, who founded the famous Chelsea firm of nurserymen and seedsmen, and is the most prized of all medals awarded to horticulturists.

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KEW AND THE PRESS.—During the past year Kew has often figured in the London and Provincial Press, both lay and technical. The exhibits of specimens of the rarer trees and shrubs, mostly in full bloom, at various meetings of the Royal Horticultural Society, and of the three parent species of the modern Dahlias at the annual show of the National Dahlia Society, evoked most favourable notices, as well as great interest at the shows. Mention has also often been made of the innovation of placing near batches of garden plants in the

Greenhouse brief, type-written accounts of their origin. Countless notes and articles on subjects of interest at Kew have appeared in the Press—many accurate and informative, others amusing and confusing. The best that we have seen is the monthly articles in the *Star* newspaper. These are invariably well written and the plant names are correctly spelt.

The following is one of *Punch's* contributions:—

*Transformations.*—“It has long been felt that Kew Gardens have ceased to fulfil their recreative functions in a spirit attuned to the needs of the age. It is therefore a matter for general rejoicing that the project for reviving at Kew the glories of the Cremorne is shortly to be realised. But the new directorate have shown a wise magnanimity in inviting the co-operation of the leading representatives of horticulture throughout the kingdom. How cordially these overtures have been welcomed may be gathered from the splendidly representative list of names appearing on the new Council of Management. They include Lady Laura Stinus, Dame Carrie Opteris, Sir Solly Dago, Sir Sam Bucus, Sir Christopher Anthemum, and those fine old chieftains, The Macrocarpus and the O'Dontoglossum.”—*Nov. 28, 1922.*

#### KEW METEOROLOGICAL NOTES.

	Rainfall in inches.	Temperature.	
		Maximum.	Minimum.
1922.			
January .....	2.29	F. 57°	F. 22°
February .....	2.02	60	22
March .....	1.61	55	25
April .....	2.57	66	23
May .....	0.97	88	31
June .....	0.96	85	43
July .....	3.29	76	45
August .....	2.22	74	41
September .....	1.58	70	36
October .....	1.25	65	26
November .....	1.26	55	25
December .....	2.77	51	27
Total Rainfall for 1922 ..	22.79	—	—

#### WEDDING BELLS.

Miss K. Watson	to Mr. P. E. H. Chambers at Kew	Sept. 30, 1922.
	Church.	
Miss N. J. Watson	„ Mr. C. G. Roberts „ Kew	Sept. 30, 1922.
	Church.	
Mr. G. F. Illman	„ Miss Brook	
Mr. G. Corbett	„ Miss V. K. Rawlings „ Port	Dec. 11, 1922.
	Mathurias,	
	Rodrigues.	
Mr. F. S. Sillitoe	„ Miss Dorothy „ Bedford	Apr. 28, 1923.
	Fellowes	Park.

REPORT OF THE DEPUTATION OF THE KEW GUILD  
TO THE DIRECTOR, SEPTEMBER 8, 1922.

At the Annual General Meeting of the Kew Guild, held on May 25, 1922, a recommendation was made that the Guild should endeavour to raise amongst its members the sum of £1000 to be invested, and the interest used each year for the purpose of assisting one or more Kew Student Gardeners in the furtherance of their studies at Kew or elsewhere. The Committee was instructed to consider the proposal, and to ask the Director to receive a deputation to discuss the question, together with other matters concerning the interests of Kew trained men. Dr. Hill, the Director, kindly consented to receive the deputation and the meeting was convened for September 8.

The deputation consisted of Mr. A. C. Bartlett, Landscape Gardener and Secretary of the Kew Guild; Major T. F. Chipp, M.C., Assistant Director, Kew; Mr. A. D. Cotton, Keeper of the Herbarium, Kew; Mr. J. Coutts, Assistant Curator, Decorative Department, Kew; Mr. C. H. Curtis, Managing Editor, *The Gardeners' Chronicle*; Mr. W. Dallimore, Assistant, Museums, Kew; Mr. W. Hales, A.L.S., Curator, Physic Garden, Chelsea; Mr. W. W. Pettigrew, General Superintendent, Manchester Parks.

Dr. Hill, after welcoming the deputation, asked Mr. Curtis to explain the object of the visit.

Mr. Curtis apologised for the absence of Mr. Galt of Leeds University, who should have formed one of the deputation, but at the last moment had been prevented from attending. He then said that the feeling "once a Kew man always a Kew man" was strong amongst the best type of Kew gardeners; they were jealous of the reputation of Kew and Kew men, and although many of them left Kew many years ago they still maintained a lively interest in the institution and in the younger generations of Kew men. At the present time members of the Kew Guild were greatly concerned about the future prospects of Kew men, and, although the Kew Guild as a non-political body, could not interfere in matters of policy between groups of Kew men and their employers, it was felt that the members were quite justified, in view of their wide experience, in bringing forward matters connected with the future training of students.

The records of past Kewites were sufficient to prove that the best type of Kew men were a distinct success, but none realised more clearly than those who had been most successful, that modern requirements demanded men of generally higher educational attainments than in the past. They were greatly concerned at the keen competition that had arisen between Kew men and men trained in Universities and Agricultural Colleges for posts that had hitherto been filled from Kew, and they felt that the time was ripe for a reconsideration of the Kew system of training.

The great asset of Kew men in the past was their sound practical training, supplemented by a knowledge of the sciences underlying their work, and he emphasized the necessity for the continuance of that system of training. He, however, advocated a more careful selection of Student Gardeners, and insisted that a good standard of education should be attained before a boy entered upon his horticultural career. The best type of boy, however, could only be secured by holding out good prospects. At present Kew men appeared to be debarred from most of the better Colonial posts, and there had been numerous complaints from Kew men of many years' service in the Colonies of being superseded by young men direct from home colleges. The inadequacy of the Kew certificate was a deeply-felt grievance: it even failed to discriminate between men who had made full use of their opportunities and those who had failed to adequately profit by their term at Kew. In the past a proportion of Kew-trained men were able to take up good appointments in private establishments at home, but the present prospects of such appointments were very small. He thought that a system of training might be evolved whereby future Student Gardeners on leaving Kew could compete on more favourable terms than at present with graduates of Universities and Agricultural Colleges.

It was with the object of assisting men who wished to pursue their studies beyond the limitations of Kew that the proposal to raise the £1000 was made. That amount could not do much, but none knew better than some of those present what a boon £10 or even £5 would have been to them in their young days, when classes had to be attended and books purchased at the expense of necessary food and clothing. Mr. Coutts, the originator of the £1000 scheme, would, however, give his views on this point. He did not despair that by a more careful selection of men for Student Gardeners, the granting of a better certificate, and holding out better prospects for Kew-trained men, Kew men would regain the prestige they appeared to be losing. Mr. Pettigrew had already established a training scheme for young gardeners which he could doubtless describe.

Mr. Pettigrew then said that it was with the intention of placing his scheme of training for young gardeners before Kew people and trying to enlist their sympathies in the matter that he had agreed to become a member of the deputation. It was necessary for the success of the scheme that Kew should be sympathetic towards his, or rather the Manchester Corporation, scheme, as it was hoped that Kew would take their young men for further training after they had worked for four years in the parks at Manchester. The Manchester Parks Committee had adopted the training scheme in order that the right type of men should be available for public parks and other municipal posts.

The scheme consisted of taking four boys a year from secondary

schools, having them properly apprenticed, and teaching them the routine of garden work in the parks. Candidates for the posts must be well educated and they must be prepared to continue their education in the direction suggested by the Committee, at the various technical schools and colleges in the city. No boy would be taken under sixteen years of age. During their four years of apprentice and improver period they would be instructed in all kinds of work connected with a garden; this could be done by interchange between the different parks under the control of the Committee. Such work as the laying-out of bowling greens, tennis courts, football and cricket grounds, with which young gardeners rarely had to deal, would form part of the training.

On leaving Manchester it was hoped that the young men would be able to enter Kew and at the end of two years they would try, by the aid of bursaries, to enable them to go for one or two years into the business office of the Parks Committee of an important city or town. Surveying, plan drawing, correspondence, and book-keeping would be essential parts of the training, with, of course, botany and various other subjects. The whole scheme was laid out in a document he would leave with the Director at Kew. He thought that not only would such a training provide good men for municipal work at home but it would also be good training for men destined for the Colonies.

This was the first year, and the Manchester scheme had already been put into practice; there had been 40 applicants for the four posts; all had been interviewed, and the four chosen had been taken for their evident love of plants. Three of the four had matriculated.

Referring to Kew-trained men, Mr. Pettigrew stated that he never missed an opportunity of furthering their interests; he thought, however, that Kew men were handicapped by the nature of the "leaving certificate," and whilst he always tried to impress people with the superiority of Kew men over those who had not been trained at Kew, he never showed anyone a Kew certificate and he should be ashamed to show one were it asked for. He thought that a better leaving certificate was absolutely necessary if the best men were to be attracted to Kew. He would also suggest that surveying and plan drawing should be included in the Kew curriculum.

The Director pointed out that for a number of years arrangements had been in force whereby the Student Gardeners could attend lectures on surveying in Richmond, and that facilities were given for practical work being carried out in the Gardens. The men had only to express the wish to attend such lectures and their fees were paid for them. The same remarks applied to book-keeping, correspondence, and other classes the men might wish to attend at the various schools and polytechnics in the neighbourhood.

Mr. Pettigrew said he was very pleased to hear this and regretted that he had not been better informed on the point.



Mr. Dallimore expressed his pleasure in hearing of Mr. Pettigrew's Manchester scheme for training young gardeners. The details were very similar to a scheme of training he had outlined in a paper read before the Kew Mutual Improvement Society last autumn. He considered that Kew got into touch with her Student Gardeners too late in life; she ought to have them under her wing from the time they left school and give them such information as would lead them to pursue their studies in the right direction until they come to Kew. He thought that it would be no hardship, under present-day conditions, to insist upon Kew men having had a good secondary school education and having passed a good leaving examination. The prospects of Kew men would, however, have to be brighter than at present to attract the right kind of men. Kew insists, and many Kew men think very rightly, that the men who enter Kew as Student Gardeners must have spent at least four years at practical work. This is a regulation laid down by Government. Thus the Kew training differs from that of other establishments, where men are allowed to escape the practical side of the work and concentrate upon the technical or scientific side. At present men trained in the latter manner appear to be given preference for the more important posts at home and abroad, but he thought this unfair to men trained in the Government's own School of Horticulture. There had always been a percentage of brilliant men at Kew, others were a good average, and a minority were decidedly below what should be the Kew standard. He considered that the last named should not be kept at Kew. In the past such men have been allowed to stay their two years and leave with practically a similar certificate to the good men; at any rate they could not be distinguished by outsiders until it was too late. He knew of several such men who had taken posts in the Colonies which were too poorly paid to attract better men; they had been failures, and other men were judged by them. He considered that a great mistake had been made at Kew about 25 years ago by increasing the number of gardeners. Before that time there had been considerable competition between young men for vacancies at Kew; afterwards there were not sufficient applicants to fill vacancies, and there were not enough vacant posts to take all the men on leaving. The first difficulty was overcome by advertising, but the right type of Kew man was not easily secured by that means. He suggested: (1) a more careful selection of men for Kew; (2) a reduction in the number of Student Gardeners; (3) a better leaving certificate. He also suggested that it would be in the men's own interests to enter Kew nearer the maximum than the minimum age limit.

He did not think that certificates should be given altogether on the result of a paper examination. Kew men were subjected to an examination that lasted throughout their whole time at Kew; for

their work was under the constant supervision of their superior officers and the lecturers who could very well judge of the men's capabilities.

Mr. Coutts thought with other speakers that it would be necessary to offer wider prospects to Kew men if the best kind of men were to be secured. That was the reason why he had brought forward the suggestion that money should be provided to assist worthy young men. It was a misfortune that men capable and willing to study should have to give up for the want of a little money. There is ample evidence of the way in which Kew men have gone forward and risen to high positions in spite of great odds, and if we could lighten the burden of a few men it would be so much to the good. He expressed the hope that as the Guild was prepared to assist in the further training of selected men the Ministry of Agriculture and Fisheries would further its efforts in this direction by instituting scholarships. The deputation would be glad if the Director would approach the Ministry as to this. With regard to Colonial posts they hoped much from the new Agricultural College in Trinidad, but here again funds would be needed and he hoped Government assistance would be forthcoming for this purpose also.

Mr. Hales said he would like to see more Kew men entering for the Degree in Horticulture conferred by London University. He had heard a good deal about the necessity for a Kew Diploma, but he would like to see men working also for the Degree in Horticulture. He thought that boys who had passed the London Matriculation Examination before beginning work might pass their Intermediate Examination before coming to Kew, or whilst there, and be ready for the Final Examination by the time they left Kew. He knew that it would mean much hard work, but no harder than Kew men had undertaken in the past.

The Director pointed out that while Kew was not favourably inclined towards a general inside examination, there was no objection to men taking external examinations, and that men wishing to sit for the National Diploma in Horticulture were given half of the time required for the examination.

Several members of the deputation thought that men who had satisfactorily passed through Kew ought not to be expected to sit for the National Diploma in Horticulture issued by the Royal Horticultural Society, but that Kew should issue a Diploma to her students at least as valuable as the National Diploma in Horticulture.

Mr. Cotton said the weak point as to the Kew Certificates was that everyone got them; however poor a man's general education was, he got all his certificates unless he was an absolute slacker. He had heard them derided at the Ministry. Stricter selection would tend to remove this slur, but he agreed that something of the nature of a Diploma would be an improvement. As far as this part of the deputation's suggestions were concerned it should be possible to do

something on these lines without incurring much expense. He thought the other suggestions should be considered separately, since they would require financial aid.

Mr. Hales mentioned that the Ministry of Agriculture were offering scholarships for competition amongst the sons of farmers and thought that they might be asked to offer similar scholarships to selected Kew men.

The Director was sympathetic towards the idea of aid to worthy young men to enable them to pursue their studies in Horticulture, Botany, Mycology, or in the direction indicated by Mr. Pettigrew, but he thought that the necessary funds would be difficult to obtain at the present time.

Mr. Bartlett, in referring to the difficulties Kew men worked under, maintained that the failure of some men could be traced to the lack of social amenities, and he thought that the institution of a hostel, to take the place of the present lodging system, would have a beneficial influence upon character. The provision of a hostel had been put forward as a necessity by many generations of Kew men but nothing had materialised.

The Director informed the deputation that the Ministry had for some time been trying to provide hostel accommodation, but so far it had been impossible. He was quite sure that the Ministry would take advantage of any opportunity that might arise for the acquisition of suitable accommodation. He was aware of the hardships inflicted upon Student Gardeners by the lodging difficulty and the long distances some of them had to come to work, to lectures and to the library. He had visited some of the men when they had been sick and was very sorry to find that Kew men had to put up with such poor quarters.

Major Chipp thought that three main subjects called for consideration: (1) a more careful selection of Student Gardeners; (2) older men; (3) fewer Student Gardeners. Given these, he thought that other matters would right themselves.

The Director in thanking the deputation for their moderate views said that he thought the discussion had been a very useful one, and that he would be pleased to place the views of the members before the Ministry of Agriculture as soon as an opportunity occurred.

The meeting closed with a vote of thanks to Dr. Hill for so kindly receiving the deputation.

The Director informs the Guild that:—"With reference to the deputation of the Kew Guild that laid before me on September 8 certain proposals with regard to the Student Gardeners at Kew, I have been in communication with the Ministry of Agriculture, and am now able to give you the following information for communication to the deputation:—

1. A higher standard of education will be demanded in future of candidates applying for positions as Student Gardeners.

2. The number of Student Gardeners will be gradually reduced by seven.
3. The age limits for entrance will be advanced to 21 to 25.
4. A form of leaving certificate will be drawn up for each Student Gardener on leaving, on the lines suggested at the meeting.

I would also point out that Student Gardeners are eligible for the Ministry of Agriculture Scholarships if their parents' income does not exceed £150 per annum.

It may also be possible that those Student Gardeners resident in Surrey are eligible for scholarships at Wye granted by the Surrey County Council, but on this point I am not at present definitely informed."

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THE Student Gardeners themselves have fully realised the seriousness of the situation, and in spite of the fact, which is so well known to all Kewites, that Lectures require most of their leisure time have met informally many times to discuss their training and future prospects.

This led to a formal meeting which was well attended and a deputation, consisting of Messrs. Toms, Lawrence, Lamberton, Maw, Mitchie & Squibbs, with Messrs. Conn & F. Hawkins (Whitley Council delegates), was appointed to ask the Director to receive them and hear their views. As would have been expected they found the Director very sympathetic and were invited to a meeting at the Director's office on February 22, 1923, when the following most important alterations of conditions and concessions were made.

(1) Demonstrations of a practical nature to be given between 8.30 and 9.30 A.M. on weekdays, by Messrs. Coutts & Osborn to 1st year men and by Messrs. Taylor, Raffill, & Irving to 2nd year men.

(2) The Economic Botany Course to be reduced to 15 written and 5 practical lectures.

(3) A twelvemonth's extension to be given to not more than 50 per cent. of the 2nd year men whose work and conduct have been satisfactory. All Student Gardeners will have 3 months' notice of the decision on this point.

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B.Sc. DEGREE IN HORTICULTURE, LONDON UNIVERSITY.—Mr. W. B. Turrill, M.Sc., has most kindly written a paper which is of immense value to any of our members who might be considering the possibility of taking the B.Sc. Degree in Horticulture. The paper contains a full syllabus and the estimated cost of the courses and examinations. Unfortunately the exigencies of space and finance prevent its publication, but the Secretary would be happy to lend the paper to any member to care to apply to him.

### RETIREMENT OF MR. W. WATSON, A.L.S., V.M.H.

CLOSELY following on the retirement of Sir David Prain as Director, comes the retirement, on May 31, 1922, of Mr. W. Watson from the Curatorship of the Gardens; and this, with memories of the fact that he "organised the Kew Guild, was Honorary Secretary of it, and edited its *Journal* for some ten years," will be received with particular interest, especially by the older Old Kewites, who are thus forcibly reminded that *tempus fugit* remorselessly.

Mr. Watson entered Kew so long ago as 1879 when he was just about 21 years of age. In 1886 he was promoted Assistant Curator, and on July 1, 1901, when the late Mr. George Nicholson retired, he was appointed Curator, and during his long period at Kew his name became indissolubly linked with our Alma Mater and horticulture throughout the world.

To recount Mr. Watson's many activities, accomplishments and the honours which have been bestowed upon him would occupy many more pages of our *Journal* than the finances could afford. They are still fresh in the minds of so many of us and we are confident that such a course would be distasteful to him. But we know that of all the honours that have been his those which gave him the greatest satisfaction were his election as an "A.L.S.," and the dedication of Volume 130, 1904, of the *Botanical Magazine*, the last edited by Sir Joseph Hooker.

Those who come after and knew not "W. W.," but would learn more of him we refer to the world's horticultural, botanical, and scientific press of the period, and particularly to the *Gardeners' Chronicle* of July 15, 1922, which contains "An appreciation by Sir Frederick Moore."

As is now so well known Mr. W. J. Bean has been appointed Curator in succession to Mr. Watson, and this has given immense satisfaction to all Kewites.

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### THE ART OF CHAIRMANSHIP.

THE members of the Mutual Improvement Society feel the need for publicly expressing their thanks to their worthy and indsfatigable Chairman, Mr. J. Coutts, and also to Mr. W. Taylor, Vice-Chairman. For eleven years Mr. Coutts has very kindly given his time to support and help us with his sound judgment and wide knowledge, and in his keen personality we have an ideal Chairman. No doubt many Kewites in all parts of the world will join in this expression of our thanks and esteem.

All who have sat under Mr. Coutts, and those of us who now have that pleasure, can testify to his solid, sound, helpful, and instructive information upon all subjects appertaining to the science and practice of horticulture.

The moral courage which Mr. Coutts is capable of instilling into a first-timer must be experienced to be fully realized. His honest

criticism, his cool level-headedness, and the thousand and one other northern characteristics which he still retains are very pleasant, and all go to make him what he is, an ideal Chairman of an ideal Society; a position which we all hope to see him filling for a goodly number of years to come.—“THE MUTUAL.”

NOTES FROM THE AMANI RESEARCH INSTITUTE—  
TANGANYIKA TERRITORY.

THIS Institute, founded by the German Government in 1902, is situated in the East Usambara Hills, latitude 5·6 S., and longitude 38·38 E. By rail from Tanga, the nearest port, to Sigi, which lies at the foot of the hill, it is 42 miles, from which place the main buildings may be reached in 1½ hours. The average daily maximum temperature is 76·8° F., and the average daily minimum 61·1° F. The hottest month is February with an average temperature of 71·2° F., a daily maximum of 81·5° F., and minimum temperature of 63·7° F. The coldest months are July and August, with an average temperature of 64° F., an average maximum of 72° F., and minimum temperature of 57·7° F. The average yearly rainfall is about 80 inches. The meteorological station is 2734 feet above sea-level, and the main buildings are situated at an altitude of 3000 feet.

Amani escaped the actual ravages of the War, although it suffered from neglect and ill-usage; the buildings being used as an internment camp for the Germans after being taken over by the British forces. During the War also, Amani was not only able to prove itself self-supporting, but was in a position to prepare and send to the troops in the field many foodstuffs, spices, medicines, and liquors. A few of these were fresh and dried vegetables, cocoa, tea, tobacco, whiskey, pepper, cinnamon, cloves, quinine, soap, and candles.

The Institute is provided with good stone-built houses, a herbarium, laboratories, library, offices, Post Office, and workshops, while for the social side the Germans had their skittles and tennis to amuse themselves after business hours. The library contains many American and English books; but, of course, the majority are in German. The herbarium contains a good collection of specimens, together with samples of seeds, fibres, mats, etc. There are also collections of insect pests, reptiles, and many animals destructive to plant and animal life.

The Institute plantations, with which I am mostly concerned, are extensive, covering about 750 acres, and extend from the summit of Bomole, 3600 feet high, to the Sigi valley which is about 1300 feet above sea-level. There is also on the plains a large plantation belonging to the Institute, so that Amani has the great advantage of being able to carry out experiments at varying altitudes from sea-level to a height of 3600 feet.

The plantations contain good collections of economic plants, although the War, as in so many other places, caused loss and damage to many

through neglect. The work of restoring the Institute to its former state is hard and slow, as many who have had experience of allowing plantations in the tropics to run wild, even for one year, can testify.

A few of the more important economic plantations are:—Quinine, with plantations of *Cinchona Ledgeriana*, *C. succirubra*, *C. robusta*, and a hybrid, *C. Ledgeriana* × *C. succirubra*; *Erythroxylum Coca*, and its variety, *nova-granatense*; *Elæis guineensis*, *Cinnamomum Camphora*, *Cinnamomum zeylanicum*, *Piper nigrum*, *Cæsalpinia coriaria*; numerous species of eucalyptus, cedrela, coffee, tea, kapok, maize, and fruit collections. There is a large nursery, with a propagating house at Amani, also a small nursery at Sigi.

There are numerous species of bamboos, admired by all visitors, to say nothing of the many uses they are put to, such as plant receptacles, stakes, brushes, etc. The giant bamboo, *Gigantochloa aspera*, has flowered this year. Other ornamental plants, though not numerous, provide a good show of colour. These include *Codæums*, *Plumbagos*, *Strobilanthes Dyerianus*, *Sanchezia nobilis*, *Grevillea Banksii*, *Jacaranda ovalifolia*, and *Bougainvillea*; while the beds of Cannas, *Antirrhinums*, *Celosias*, *Dahlias*, and *Roses* flower most of the year through.

Most of the English vegetables do well, although fruits, such as Apples, Pears, and Plums require a colder and drier climate.

The flora of the Usambara Hills is magnificent. A few of the plants I have noticed are *Impatiens Holstii*, with its different shades of colour, *Pavetta*, *Pentas*, *Streptocarpus Holstii*, *Brilliantasia spicata*, *Whitfieldia longiflora*, *Tabernaemontana*, *Calvoa orientalis*, *Hæmanthus*, *Saintpaulia ionantha*, *Callopsis Volkensii* and *Gloriosa simplex*; while the Tree Fern (*Cyathea usambarensis*), *Marattia fraxinea*, and *Encephalartos Hildebrandtii*, provide such magnificent specimens as are only to be seen in their native haunts.

T. M. ROGERS, *Curator*, A. I.

#### AUTUMN SHADOWS.

Across the golden garden of my dreams,  
Set round by weathered wall,  
Dimming the sunshine of the flowers  
Sinister shadows fall.

Where once the flaming poppies proudly stood,  
Where glowed the crimson rose,  
Now pale and purple starworts light  
The Old Year to its close.

I only dreamt of halycon summer days  
And Springtime's valiant show,  
Yet, as I lay idly musing,  
Summer prepared to go.

Across Life's golden way that seemed to lead  
To sunlit Arcady,  
Time's stealthy shadow creeps, mourning  
Life's broken melody.

H. H. T.

## WHERE THEY ARE AND WHAT THEY ARE DOING.

MR. W. HALES has been made an External Member of the Board of Studies in Horticulture for the University of London.

MR. SAMUEL TURNER, who left Kew in August 1897, is now Secretary and Chief Superintendent to the Ashton-under-Lyne and Stalybridge Corporations.

MR. W. F. GULLICK, who left Kew in July, 1898, and will be remembered by contemporaries as an energetic Secretary of the "Mutual," was recently the subject of a supplementary portrait and appreciation in the *Nurserymen and Seedsmen*.

MR. D. TANNOCK, whose humorous speech at the Annual Dinner in 1921, when he was home on a well-deserved holiday, delighted so many of us, seems to have made good use of the time spent on the voyage here and back, for he almost immediately published, as one of the "New Zealand Practical Handbooks," an excellent volume on "Potato Growing in New Zealand."

MR. GEOFFREY CORBETT, in a letter to the Hon. Treasurer, writes that he has been at Rodriguez since August of last year and finds it much to his liking, though but little news of the outer world drifts through. He is busy on the preliminary work of making an experimental station and farm, where it is intended to carry out comparative trials and to instruct the natives in modern methods of cultivation. The chief crops grown on the island are maize, manioc, sweet potatoes, tobacco, ground-nuts, and haricot beans.

MR. JAMES THOMPSON, writing from Catasanqua, Penna, U.S.A., seems to have found work and remuneration most satisfactory, for he writes: "there is no place like the U.S.A. for gardeners and gardening. My only regret is that I did not come out here years ago." From the gardening point of view his particular fly in the ointment is the near proximity of "the largest cement works in the world," and, as these are only two miles distant, clouds of cement dust penetrate to the glasshouses to the detriment of his plants.

MR. R. BAND, who left Kew in 1908 for service with the West African Rubber Company, has, since the slump, been more connected with commercial life than agriculture in West Africa; but he stated while he was home last autumn that he still keeps in touch with matters agricultural through his connection with the Agricultural Commercial Society, which he was Hon. Secretary of 18 months. Mr. Band returned to the Coast in November and expected to have a deal of travelling, with his headquarters at Accra.



MR. F. W. SMITH writes : "After 26 years I have again returned to the South of France," and he kindly offers to write a brief account of his impressions. He suggests that "all worthy Kewites should be allowed to carry the letters R.G.K. after their names, and that Kew men should have their 'colours' which would be recognised all the world over." With regard to the latter he will be interested to learn that present Kewites have adopted sports colours, which we all trust will in due time blazon from pole to pole.

MR. R. O. WILLIAMS was appointed Superintendent of the Royal Botanical Gardens and Experimental Station, Trinidad. He hopes to come home during 1923, and in the meantime sends greetings to all old friends. The West Indies share the world-wide effects of the War, so he exhorts us all to "drink plenty of cocoa and use plenty of sugar with it," if we wish to help the West Indies. Good advice no doubt most would follow if only the American "cornerists" would permit, but present prices compel many in this country to reduce their sugar consumption.

DR. W. BOTTING HEMSLEY, one of our Vice-Presidents, wrote to the Hon. Treasurer on January 5, 1923 :—"On the occasion of entering my eightieth year, I send you a small contribution (£1 for myself and £1 in memory of my deceased son) for our Society." Dr. Hemsley entered Kew in 1860 and retired from the Keepership of the Herbarium in 1908. His son, the late Mr. Oliver T. Hemsley was trained at Kew, and, after a brief but brilliant career, died at Lahore in January 1906. We are sure all Kewites will join us in our appreciation of Dr. Hemsley's kind thought and in our birthday congratulations.

CHANGES IN UPPER INDIA.—Mr. A. Hardie has become Superintendent of the Lawrence Gardens, Lahore, and is succeeded at the Government Gardens there by Mr. E. A. Hughes from Delhi. In the United Provinces Mr. R. Badgery is now Superintendent of the Government Botanical Gardens, Saharanpur, and Mr. W. Head, from Allahabad, has succeeded him as Superintendent of the Taj and Government Gardens at Agra. Mr. A. E. P. Griessen has moved from Delhi to Saharanpur to take up the post of Departmental Director of Agriculture in charge of the United Provinces Gardens. Mr. W. R. Mustoe, from the Lawrence Gardens, Lahore, has gone to Delhi in succession to Mr. Griessen. All Kewites will join us in congratulating these members. We believe there have been various changes in Bengal and hope to receive notifications in due course.

MR. ALEXANDER HISLOP feels that a false impression might be conveyed by the paragraph in the previous issue of the *Journal*, and writes : "Although I am suffering from partial paralysis of one side

I am well able to get about and generally manage fairly well. I have some difficulty in speaking distinctly, but certainly did not have to relearn my vocabulary. That St. Faith's Mission took me as a 'kind of charity' is also incorrect. Whilst at the Mission I paid a sufficient amount for my board—for I have a small private income—and also took charge of the large garden of the Mission; so I do not think I was in receipt of any 'charity' there. In fact I think the Resident Officer has apparently somewhat allowed his professional instincts, which largely govern such institutions in their relations with the outside public, to lead him astray."

We are sure all Kewites will be glad to know that Mr. Hislop is so much better in health than was feared and will share our sincere hopes for an even greater improvement.

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MR. J. BURTT DAVY, formerly an Assistant in the Director's Office, who left Kew in September, 1892, spent a deal of time at the Herbarium, preparing, with the assistance of Mrs. Burtt Davy, a Flora of the Transvaal. He came to England from South Africa nearly two years ago, and hopes to be at the dinner. In February, 1893, Mr. Burtt Davy went to California, where he spent nearly ten years on the botanical staff of the University Agricultural Experiment Station. In 1902 he was appointed Assistant Curator of the Herbarium of the United States Department of Agriculture at Washington. From the year 1903 his work has been carried on in South Africa. For about ten years he was Agrostologist and Botanist to the Transvaal, later the Union of South Africa Department of Agriculture. He resigned this post in 1913 to engage in the breeding of seed maize. Mr. Burtt Davy has accomplished a considerable amount of useful work. In addition to numerous papers in journals and other publications he has produced a comprehensive volume on Maize. His projected Flora will supply a long felt want.

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MR. A. C. HARTLESS, who retired from the Superintendentship of the Government Gardens at Saharanpur, India, comparatively recently, has been entertaining members of "Gardeners' Mutual Improvement Societies" in and around Wimbledon, where he now resides, with a necessarily brief account of his "Thirty One Years Gardening in India."

Mr. Hartless left Kew in March 1889, and, sailing the following month, made his first acquaintance of tropical life and vegetation at Colombo; but Calcutta was his immediate destination. Soon after arrival he was appointed Assistant Manager of the Cinchona plantations at Darjeeling and spent 15 years in that district. From Darjeeling he went to the Bombay Presidency to take charge of the Government Gardens at Bombay, Poona, and Mahableswhar. The last-named place, with its 300 inches of rain falling during the 4 months' wet season, did not favour gardening, but by the use of annuals Mr. Hartless made the

gardens gay during a good part of the year. But Poona seems to have been more to his liking, and there the soil and climate enabled him to make immense improvements in the State Gardens. Among the many features he inaugurated was the making of a pergola of *Allamanda Hendersonii* over 100 yards long.

After a comparatively short stay in Bombay Mr. Hartless was promoted to the important post at Saharanpur, where the gardens cover some 165 acres, and here he continued the special use of annuals, growing, altogether over 200 varieties. At Saharanpur, as is only too often the case in the tropics, Mr. Hartless was faced with the difficulties of introducing new methods of cultivation. But with tact and patience he overcame them to a considerable extent. In a great measure the Superintendent at Saharanpur is the "Father of Horticulture" in the whole of the district. He has to train subordinate horticulturists, be prepared to answer all possible, and often impossible, questions on cultivation, and even, so he told his audiences, instruct the native mind in the newest method of obtaining rain when it is needed!

The English Superintendent of an Indian Botanic Garden is in great request as a Judge at Flower Shows, and is frequently called in by Native Rulers to advise them. Mr. Hartless recounted how, once, after a visit to the Begum of Bhopal, Her Highness insisted on sending him home in her own motor-car. All the long way the people in every township and villiage were under the impression that H.H. was in the car, so they turned out and made most respectful obeisances. So, although life in India may often be trying, it has its compensations.

#### KEW MEN IN AMERICA.

A MEETING of the Association of Kew Gardeners in America was held at Boston, Mass., on March 24, 1922. The members present included: Messrs. James McGregor, T. D. Hatfield, Robert Cameron, James Armstrong, H. M. Blanche, C. van der Voet, J. B. Reardon, P. Bally, and W. H. Judd. Amongst the ladies present were Mrs. Blanche, Mrs. Hatfield, and Mrs. Judd.

The Dinner was followed by a Social, at which Mrs. Blanche sang beautifully, and all joined in the chorus of "Go down to Kew in Lilac Time." Mr. McGregor entertained the company with some of his reminiscences. Mr. Hatfield told of his career from the early days at the Hull Botanic Gardens and later at Kew, when the Duchess of Teck, accompanied by our present Queen Mary, caught him and another Kewite bathing in the Victoria Regia House early one Sunday morning when they paid a surprise visit. He dwelt on the time when Charles Darwin gave him a note to take to the Herbarium, which note he treasured for some years till an autograph-collecting friend persuaded him to part with it. Mr. Cameron recalled memories of Kew men of

his time who, while not appearing of outstanding merits, became famous later in life—the names of some he regretted have not appeared in our *Journal*.

The Secretary was instructed to write to Mr. Watson, on the occasion of his retirement, expressing their appreciation of the great work he has done for horticulture and Kew, and assuring him of the good wishes of Kew men in America. He was also desired to write letters of condolence to the families of Messrs. E. J. Canning and F. Cave.

The Treasurers' Statement showed a balance in hand of \$29.93. It was agreed to hold another meeting next year, and the present terminated in the time-honoured style of singing "Auld Lang Syne."—Communicated by Mr. W. H. JUDD, *Secretary-Treasurer*.

A Convention of the National Association of Gardeners in America, of which Mr. Robert Cameron is President, was held at Boston, September 12 to 15, 1922, and drew several Kewites, including: Messrs. James Armstrong, Barton, J. Brown, H. E. Downes, and J. Ellis, when a pleasant evening was spent recounting days of long ago and hopes for the future.

Mr. W. H. Judd was re-elected President of the Boston Gardeners' and Florists' Club, an Association which obtained seventy new members last year.

#### KEWITES AND AUSTRALIA.

THE association of Kewites with Australia dates from very early times in the history of the austral continent. Indeed, the "Father of Australia" himself, the great Sir Joseph Banks, was a Kewite, since after his return in 1771 from the famous voyage round the world with Captain Cook, which among other accomplishments resulted in the discovery, naming, and annexation of New South Wales, he was appointed Honorary Director of Kew in 1772. The period of the keen directorship of this noble Englishman—traveller and scientist, patron of horticulture and botany—saw collectors sent far and wide, and the introduction of new plants to Kew was phenomenal, as the records in the two editions of Aiton's *Hortus Kewensis* testify.

Through the influence of Sir Joseph Banks, David Nelson, a Kew gardener, was appointed collector on Captain Cook's third voyage (1776-80). Captain Cook on this voyage put into Adventure Bay, Tasmania, in January, 1777. There Nelson gathered specimens of a tree which were taken to Europe and on them L'Héritier founded the genus *Eucalyptus* and named the species *E. obliqua*, L'Hérit. In April, 1921, it was my good fortune to be in Tasmania and it seemed fitting to visit Adventure Bay and collect material of this *Eucalypt* in the type locality. After his safe return from this voyage Nelson was appointed botanical collector to the voyage of H.M.S. 'Bounty' commanded by Captain Bligh. One of the principal objects of this

voyage was to transport Breadfruit trees from Tahiti to the West Indies. The story of the "Mutiny of the Bounty" need not be given here. David Nelson was one of those sent adrift in an open boat by the mutineers. This boat was successfully navigated for 3000 miles to the island of Timor, where David Nelson died of fever, contracted through the hardships and exposure of the voyage, on June 20, 1789. Captain Bligh says of Nelson, "whose good conduct in the course of the whole voyage and manly fortitude in our late disastrous circumstances deserves this tribute to his memory."

In March, 1801, Peter Good, a foreman in Kew, was appointed botanical collector under Robert Brown, the botanist attached to Flinder's voyage, in H.M.S. 'Investigator.' He died of dysentery, June 11, 1803, on board the 'Investigator,' and was buried at Sydney. Robert Brown writing to Banks says, "Poor Peter Good, who while he enjoyed health was most indefatigable, and whose exertions in his department were without doubt the cause of his untimely fate, died of dysentery contracted soon after our departure from Timor." From Good's seeds many new plants were raised, conspicuous among them being numerous species of Proteaceæ, Myrtaceæ, and shrubby Leguminosæ which ultimately made Kew famous for New Holland plants. Dr. Lindley called special attention to these plants in his "Report on Kew" drawn up in 1838.

The next Kewite to visit Australia was Allan Cunningham who, in the capacity of King's Botanist, landed at Sydney on December 21, 1816. Allan had previously won his spurs in Brazil, where he collected for two years in the vicinity of Rio, the Organ Mountains, San Paulo, and elsewhere. Sir Joseph Banks wrote that his collections, especially of orchids, bromeliads, and bulbs "did credit to the expedition and honor to the Royal Gardens." From his arrival until February 25, 1831, Cunningham explored and collected assiduously, adding a vast number of new plants to gardens. He twice circumnavigated Australia, visiting Norfolk Island, Tasmania, and New Zealand. He also made many long and difficult overland journeys of exploration which led to the opening up of enormous tracts of valuable agricultural land. In 1831 he returned to England and resided at Kew until 1836 when he accepted the post of Colonial Botanist and Superintendent of the Botanic Gardens, Sidney, where he arrived on February 12, 1837. A few months later, dissatisfied with the large amount of vegetable-growing he was required to do for the officers of the Colony, which took him away from his legitimate botanical duties, he sent in his resignation. Free of official life Allan again devoted himself to collecting. He visited New Zealand, but returned in a deplorable state of health in October, 1838. Hardships and privations had, indeed, done their work and on June 27, 1839, died Allan Cunningham, one of the greatest plant collectors of all times and one of the brightest stars in the crown that adorns the brow of our Imperial Mother. Ye

Present Kewites think of this worthy exemplar when next on your botanising hour you note the lofty *Araucaria Cunninghamii* in the Temperate House or *Platycerium grande* in the Tropical Fernery, or pot up plants of *Grevillea robusta* for the greenhouse. 'Twas Allan Cunningham who discovered these. His remains have found a fitting resting place beneath an obelisk in the Sydney Botanic Gardens among the plants he loved too well.

Soon after Allan Cunningham returned to England the post of Colonial Botanist and charge of the Botanic Garden at Sydney became vacant. It was offered to him, but he declined it in favour of his brother, Richard, who was appointed to the post in 1832. Richard Cunningham landed at Sydney in January, 1833. He was murdered by the aborigines while on a collecting tour in the interior in April, 1835.

The eminent ornithologist, John Gould, began his career as a gardener at Ripley Castle and later entered Kew, where he received twelve shillings a week with two shillings extra for Sunday duty. In 1827 he became taxidermist to the London Zoological Society. In 1838 he visited Australia, spending two years there collecting material for his monumental, seven-volume work on the birds of Australia. In the field of ornithology, Gould attained not only fame but wealth—a most unusual achievement for any Kewite. He died in London in 1881.

In 1840 and again in 1841, the great Sir Joseph Hooker visited Tasmania and collected many plants. Later he published his *Flora of Tasmania* and his *Essay* on the flora of Australia.

In 1847, Charles Moore, a Kewite, was appointed to take charge of the Sydney Botanic Gardens and filled the post until 1896. During his directorship the gardens were considerably developed and many new plants found their way into cultivation. In 1869, Moore, introduced the now indispensable *Kentia Belmoreana* and *K. Fosteriana* from Lord Howe Island. Another Kewite, John Boorman, has been associated with the Sydney Botanic Gardens since 1885 as plant collector.

In the development of the Botanic Garden at Brisbane, Kew men have played the leading part. Walter Hill, who left Kew in 1851, founded it about 1855 and nursed it along until his retirement in 1881. Later Robert Whittle did his bit and so also did Philip MacMahon—both Kewites, who, with Hill, have joined the great majority.

To-day, C. E. F. Allen at Port Darwin, in northern Australia, is industriously trying to found a botanic garden in a land where sympathy and interest of all kind save in politics are sadly wanting. Two other Kewites I met doing their bit in Australia. One, William Leslie, whose work in Trinidad and on the West coast of Africa seriously undermined his health, is helping to develop the fruit industry for the government of Queensland. The other, W. H. Paine has deserted horticulture, but is doing valuable work as manager of the Animal Foods department of New South Wales.

Now a word in regard to Australia as a field for Kew men. It is summed up in Punch's famous advice to those about to marry—Don't. Australia is a vast, but empty continent. Potentially it is one of the richest lands on earth. The possibilities for tropical agriculture in Queensland alone are enormous. But the fair tropics of Australia will never be properly developed until suitable coloured labour is employed. It is monstrous to ask a white woman to live, rear a family, and do her own house-work in the tropics, and this is precisely what the policy "White Australia" demands of a woman. Much is made of education in these days, but why should the white man want to be both the brains and the muscle of the world? In the southern continent the opportunities for Kewites are almost non-existent. Politics of the labour-union kind, often strongly tainted with Bolshevism, are the curse of the country. The sentiment is Australian billets for Australians and so long as there are Australians fit to fill them the cry is legitimate. There is plenty of room in Australia for agricultural labourers and for men with a "few thousands" to take up ranching and farming. For gardeners the demand is extremely limited and very few of the billets are worthy of a Kew man; always excepting of course the Botanic Gardens on which no praise can be too highly bestowed. Between the pioneering stage and that of ease and culture which follows acquisition of wealth there is, in the history of every land, a long developmental period. Kew men as pioneers have been ever sought after. They have blazed the trails and salted them with their bones. But others reap where Kewites sow. History repeats itself in every land so why expect Australia to be the exception?—E. H. WILSON.

#### UGANDA IN RETROSPECT.

UGANDA in retrospect is fascinating and conjures up glorious visions of *Albizia Brownii* and *Dombeya sp.* in flower on the roof of Mabira Forest; the great waters of the Nile rushing madly over the Ripon Falls to the Owen Falls then on their turbulent ways to more placid places; the cool deep forest of Mabira, with its countless numbers of insects and animals; the perfume of coffee trees in flower and the hum of the machinery at pulping time; the smell of the earth after rain; the long cool verandah at Luwala, where so many travellers loved to rest from the fierce heat of the tropical sun. The roar of the wandering lion and the cough of the prowling leopard around the homestead seem fascinating now, in spite of the anxiety at the time.

To wake up on a lovely dewy morning and see the bushbuck quietly feeding, a hundred yards away; the quick preparation to follow and the stealthy stalking are very pleasant things to dream of, in England. The moment when the animal falls down with a bullet from your rifle in a vital spot is a thrilling one, but, methinks, I loved the stalking even in preference to a successful kill.

To meet a party of lions, five in number, on the shores of Lake Victoria Nyanza about nightfall, and find there was but a fighting chance and a poor one at that when armed with only an old .303 rifle and seven old army bullets; to win through successfully with the aid of a fine raw native, who refused to leave one, is an experience enjoyed only in retrospect.

The hours spent in the bungalow with music and congenial company of Kewites makes me long again to be there in the wilds. The experience of being caught in a tropical rainstorm in Mabira Forest and the sound of the rain overhead was wonderful beyond words. The lovely walks in the forest, where the air seemed "full of butterflies' wings"; the wonderful plumage of the birds overhead in the trees; the little mole-like creatures stumbling through the undergrowth led by the mother of the family, with the little ones holding by their mouths to each others tails; the mad rush of the dogs after the forest duika rightly named "The Wind" by the natives; the happy Kavirondo natives and my faithful Mudama, named Wanika, arouses memories which I trust will remain ever-green in my mind and prove delights in years to come.

It is good to have lived in Africa for all these things and many more too numerous to mention, but when I think of the malarial fever and Blackwater, which sometimes follows, I long for a magic wand to sweep it all clean and free from pests, which sap the strength of so many.

After all one goes to the tropics ill-prepared for many things, but I advocate that at least a man before going out should undergo a course of tropical hygiene and not wait until he gets there before learning the rudiments, and, incidentally, the knowledge of how to prevent malaria from gaining a footing too easily. The delay is often costly to one's health and much could be prevented by forethought. The great possibilities of the country will only be realised when malaria is treated as Ross treated the malarial mosquito at Ismailia and Gorgas the yellow fever mosquito at Panama.

Yet, I loved the days spent on Lake Chioga and the lovely moonlight nights when we sat on the steamer and watched the light on the waters, or got up early to see the sun rise in all his glory and in the evening sink like a great ball of fire into the west. Mere words after all are futile things and totally inadequate to portray the delights of a country like Uganda. For who can bring to the mind of another the sound of natives dancing to the music of drums, reed, and guitar, the singing of the natives in their little grass huts, or the screeches of the parrots as they pass overhead to their nests in the neighbouring forest. The cries of the great hawks as they circle overhead; the lightning over the forest and the crash of mighty trees as they are stricken to the ground are things to be experienced before one can realize them.

Dreams! all dreams! now, you say and hardly worth while writing down, yet they are very real and mostly pleasant during the long dark evenings in England.

D. M. H.



## A TWO DAYS' EXCURSION IN THE TIROL.

It was on the first of April, 1919, that I left Kew, and it was with a heavy heart, for I felt the separation from many a friend I loved. It was therefore a great joy to me to meet, after two years, my previous teacher, Mr. A. D. Cotton with Mrs. Cotton in the Botanic Garden at Innsbruck, even though it was pelting with rain the first day we met.

Most of my readers will know that Innsbruck, the chief town of the Tirol, lies in the Inn valley. The valley forms the life-artery of the Tirol to-day. The Tirol was one of the pearls in the old Austrian Empire, and consists of North and South portion. The Brenner Pass forms the geographical and, to-day, also the political boundary of North and South Tirol.

The southern Tirol, with the towns Meran, Bozen, Brixen, etc., is the most beautiful and fruitful part of the Tirol, and since the war, belongs to Italy. Southern Tirol has a very mild climate and in some ways could be compared with the south-western counties of England, except that the winters are much warmer. Fruits like apples, pears, figs, and grapes are grown in great numbers, and the fine qualities of these fruits are famous throughout Southern Europe.

Owing to its geographical position, northern Tirol is much colder; the climate is greatly influenced by the mountain barrier which runs from east to west, and is covered with snow and ice the whole year round. Although the winters often have a temperature of—25° C., Indian Corn ripens in the Inn valley and some of its tributaries. This is largely owing to the warm wind called the "Foehn" which often blows with great force. Many people feel in advance the coming of this wind, as it often causes headache; I, too, feel it at times. It comes at any time of the year, but usually occurs in the spring and autumn.

In winter the warmth of the Foehn causes avalanches to come down from the mountains. In the autumn it induces the ripening of the Indian Corn, and the farmers call it "The Indian Corn Roaster." The variety of Corn grown in northern Tirol is not the Golden, but one which has pale seeds.

Innsbruck itself is an ancient city. Its geographical position has been in all times of great importance to the people on the continent. It lies on the junction of the railway lines from north (Germany) to south (Italy), and from east (Austria and Hungary) to west (Switzerland and France). The surrounding mountains are of typical alpine character, and within two days' excursion you can reach glaciers. The glaciers seem to me the true representative of high alpine landscape, they are something worth striving to visit, and they give an impression which not every mortal has time and opportunity to see. The chief of the ice-fields near Innsbruck are the Stubai glaciers. It was to see one of these glaciers that Mr. and Mrs. Cotton and I set out for an excursion on July 21. I met my English friends at Telfes, a mountain village in the Stubai valley, which can be reached from Innsbruck with the electric train, and we went on together by train to Fulpmes.

From here a diligence took us along the Stubai valley to Neustift (993 m. above sea-level) the last village of that valley. The Stubai valley is one of the most beautiful parts of the Tirol. Agriculture is flourishing, and though so high, wheat and oats can be grown, but Indian Corn occurs no more here. The thing which struck my English friends here most were the little fields or plots of pale mauve poppies attached to each house, and they are grown for the sake of their seeds. These are used boiled with milk for filling pastries and little tarts, for sifting on the top of cakes, and in several other ways. The farmers grow a special variety of *Papaver somniferum* that does not open its capsule, even when ripe, so that no seeds are lost.

On the way to Neustift one has always the distant view of the Stubai glaciers (see illustration) which glitter most entrancingly on a summer day. But the beauties increase when men try to penetrate into the secrets of Nature, and I feel botanists and naturalists have advantages over other men. That I realized when we had left Neustift and turned to the right into the Alpeiner valley, where a roaring mountain stream rushes out into the wider Stubai valley. The first true alpine plants made their appearance here, *Campanula pusilla*, *Selaginella helvetica*, *Sempervivum arachnoideum*, *Asplenium virida*, and others.

After about an hour's walk we reached a small Alpine Gasthaus (guest house) called Baerenbad, where we had our lunch. Not very far above this, Mrs. Cotton found, in a half-shady place, *Linnaea borealis*, L., growing in great profusion amongst granite rocks, and bearing a great number of its lovely blossoms. This plant is not common in the Alps, and occurs only in certain areas.

Our way led along the noisy mountain stream, gradually higher and higher. Forests lost their density, trees became smaller and fewer. When one looks up the mountain sides, the forests and trees always seem like advancing armies. Here and there appear troops of small trees, and still higher only single trees; these sometimes seeking shelter behind a large rock. And it undoubtedly is a warfare which the forests are waging continually with the elements of Nature. One gets this impression even more vividly during winter, where, owing to the snow, the contrast is still more conspicuous.

So we reached the Alpine-Alm (a general name for a mountain homestead). The Alm is usually surrounded by meadows, and these meadows in the alps are of great botanical interest. They bear many kinds of herbs such as *Polygonum bistorta*, *Polygonum viriporum*, *Arnica montana*, and plenty of Orchids. The meadows of this particular Alm were specially interesting through the abundance of *Phyteuma nigrum* and several examples of *Campanula barbata* var. *alba*.

After we had left this Alm our path zigzagged and became steeper and steeper. We found here the Parsley Fern, *Allosurus crispus*, *Erigeron alpinus*, and *E. uniflorus*. *Rhododendron ferrugineum* was covering great areas, and amongst the Alpine plants we noted *Trifolium alpinum*, *Gymnadenia albida*, and *Anemone alpina* var. *sulphurea*.

On our right tremendous rocks were frowning down on us. In such places man feels very small. Before we came to the hütte (the rest house at the foot of the glacier) we noticed on a mountain slope great masses of a grey shrub—the beautiful *Salix helvetica*.

Between 16 and 17 o'clock we reached our destination—the Franz-Senn Hütte (2173 m. above sea-level). After arranging here for a night's rest, and having had supper, we tried to reach the glacier that evening, but we did not succeed, because we stayed to gather small plants by the wayside. Alpine sheep followed us a long time and crowded round us until we shook them off. They were hoping we would give them salt, lumps of which are brought to them by the shepherds every two or three weeks. When in need of salt they may crowd round in such numbers as to be really dangerous.

We slept well, and started very early in the morning for the glaciers, after seeing the sun rise. The neighbourhood of a glacier is most interesting; little bogs intersperse it, while big stones and sand lie at the foot of the mountain of ice. A river often breaks out from the glacier, through the so-called "glacier door." The water is milky-white in colour, and is called "glacier milk." Great cracks or crevasses penetrate deep down into the glaciers, and out from the depths one hears the noise of running water which sounds like "look-look-look." In hot summers the glaciers are quite clear of snow, and may be crossed easily in good weather, but after every fresh fall of snow the cracks may be most dangerous.

Near the glacier, where winter and summer meet, plant-life is most interesting. Flora is putting up a heavy fight. The plants have to be protected in various ways. Amongst those plants we found right at the foot of the glacier were *Androsace glacialis*, *Androsace lactea*, *Geum reptans*, *Cerastium uniflorum*, *Linaria alpina*, *Luzula spicata*, *Vaccinium uliginosum*, species of *Saxifraga*, *Silene acaulis*, and *Salix helvetica*. Further back we found *Primula minima* and *P. viscosa*, also masses of *Gentiana acaulis*, and a few specimens of *G. bavarica* and *G. glacialis*. On the rocks near the Hütte we gathered Edelweiss; on these rocks we also got *Artemisia nutellina*, *Aster alpinus*, and *Allium ochroleucum*, and saw others which we had no time to reach.

We started to return about 10 o'clock and reached Neustift six hours later. On our way down we met several people who gave us the Tirolese greeting "Grüss Gott," which my friends remarked sounded remarkably like "Great Scott." Whenever we heard "Grüss Gott" again, I answered, but could not help to suppress a smile.

We had two most beautiful days favoured by magnificent weather. The time passed very quickly, and I felt happy because I found there exists a bond between nations, which cannot be destroyed. About 18 o'clock we reached Telfes, where we had to part. After we separated, my thoughts dwelt on the time we had spent together, and unconsciously the melody came into my mind "When you come to the end of a perfect day."

A. BEER, *Botanic Gardens, Innsbruck.*

## IN MEMORIAM.

## R. LEWIS CASTLE.

Many older Kewites will learn with regret that Mr. Lewis Castle died at Kingston in October of last year. During his latter years Mr. Castle had suffered in health and had been in somewhat reduced circumstances, but earlier, especially in the hey-day of the *Journal of Horticulture*, he occupied a very prominent position in contemporary horticulture. He was then a man of wide professional knowledge and a brilliant writer on scientific and practical gardening. Mr. Castle was born at Chelsea and commenced his career at Edgware, a little later serving under his father, who had a nursery at Clapham. At this time he was most assiduous in his studies, attending lectures given by such eminent professors as Huxley, Tyndall, and Dewar.

In 1874 he came to Kew, where his work and enthusiasm won golden opinions of his immediate superiors and Sir Joseph Hooker. After three years at Kew he left to take charge of the gardens at Holmbury, Dorking, Surrey, where he wrote various notes and articles for *Science Gossip*. The *Gardeners' Chronicle* records that "His writings attracted the attention of Dr. R. Hogg, who offered him a position on the staff of the *Journal of Horticulture* which he held for over twelve years, and during that period he travelled throughout England, Wales, Scotland, Belgium, France, and Switzerland on behalf of his paper. At one time he was an enthusiastic member of the National Chrysanthemum Society, and he assisted in the production of the first Official Catalogue of Chrysanthemums published by the Society. He was a prolific writer and wrote books on Orchids, Cactaceous plants, and Flower Gardening, and he won the Fruiterers' Company's Gold Medal for the best essay on "Gathering, Packing and Marketing Fruits and Vegetables by Cottagers and others with Small Holdings."

After his retirement from the *Journal of Horticulture* the late Mr. Castle was for a time at the Nevill Court Gardens, Tunbridge Wells, and in 1894 he became manager of the Duke of Bedford's Experimental Fruit Farm at Woburn and held this important position for a number of years.

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 R. A. DÜMMER.

It is with the deepest regret that we have to record the death of Mr. R. A. Dummer under the most tragic circumstances.

On December 21, 1922, Mr. Dummer was entering Kampala on his motor cycle, and whilst travelling on the wrong side of the road collided with a motor car on the Jinja road. Dr. Nielson, on hearing of the accident, immediately proceeded to the scene and found that a lady from the C. M. S. had already dressed the severe wounds he had sustained to the head and legs. He was placed in the hospital car, but died before reaching Kampala.

The *Uganda Herald*, which contained a very full account of Mr. Dummer in the issue for January 19, 1923, says:—

"The death of Mr. R. A. Dummer, in such tragic circumstances, has deprived not only Uganda of a very capable and efficient planter, but the scientific world of a most zealous and clever naturalist.

“The late Mr. Dummer was born at Cape Town some 36 years ago, and had been associated with plants for the last 15 years in a practical, commercial and purely scientific sense. After serving for a period in the Cape Town Botanical Gardens, he went to the Royal Botanic Gardens, Kew, in May 1910, and it was during his stay there that he became Assistant to Professor A. Henry, and in that capacity assisted with the compilation of Henry and Elwes’ ‘The Trees of Great Britain and Ireland,’ working for this purpose in the Herbaria and Libraries of Kew Gardens, the British Museum (Natural History), the Linnean Society, Oxford and Cambridge Universities, and Edinburgh. While at Cambridge, he was deputed by Professor Seward to name and arrange the Conifers of the Lindley Herbarium, and he performed similar work of classification for the Bolus Herbarium, Cape University, and the South African Museum, Cape Town. Under Professor Henry’s direction he obtained valuable results with the hybridization of trees.

“His connection with Uganda commenced some 10 years ago, when he obtained an appointment as estate manager with the Hunter Moses Syndicate, where his leisure time was devoted to his favourite hobby of ‘plant collecting,’ and to the study of the Uganda Flora. He had completed a thorough and systematic survey of the Kyagwe Flora, and, although the collecting part of this work was finished—the collection of specimens in this direction must have greatly exceeded 20,000,—the identification and classification is still incomplete in spite of his having spent practically one whole year at the Natural History Museum, Cape Town, furthering this purpose. A further visit to South Africa was contemplated, and to Kew if necessary, in order to finish the work for publication. In addition, he undertook a botanical expedition to Mount Elgon and investigated the Flora of the crater of Mount Longinot, and, at the time of his death, was arranging for a further visit.

“His private studies on phases of the South African Flora carried out in Paris, the South African Museum, Cape Town, and the Cape University (Bolus Herbarium), together with the experience gained in all the Institutions in which he studied, are reflected to some extent in his numerous publications on a surprising number of subjects.

“Mr. Dummer’s death is an immense loss to Kew and the world generally.”

The following letter, also from the *Uganda Herald*, is of melancholy interest and removes any fear that Mr. Dummer might have been riding recklessly.

To the Editor, *Uganda Herald*.

“SIR,—In view of the recent awful accident on Jinja Road to the late Mr. Dummer may I suggest that the elephant grass be cleared away for some distance on either side of the road at all the bad corners, so that motorists would at any rate have a chance to see the road ahead.

“Some parts of our roads are so narrow that there is hardly room for a motor cycle and car to pass and if they happen to meet at one of the acute corners only sheer good luck can prevent an accident.

“To clear the elephant grass away would cost comparatively little and would minimise the risks we all run immensely. I wonder it hasn’t been thought of before.

“Yours etc.,

MOTOR CYCLIST.”

## W. A. KENNEDY.

Another link with the past has been severed by the death of an Old Kewite in the person of Mr. W. A. Kennedy, who died at his residence, 2 Beechwood Avenue, Finchley, on July 17, 1922. Our old friend left Kew for India in October 1880, and was for about five years attached to the Government Cinchona Plantations, in the Darjeeling District of the Eastern Himalayas. He was then appointed to the Curatorship of the comparatively new Botanic garden in Darjeeling, where he had a very uphill task in transforming a practically waste piece of land into the beautiful garden, which, under his energetic and skilful direction, it ultimately became. The last few years of his career in India he spent in the Government Cinchona Plantation, and was put in charge of a new branch of the same in British Bholan. This was again pioneer work, and his devotion to his duties then adversely affected his health and he suffered more or less to the last. He retired from service in 1911 and returned to England. Our old friend was one of those congenial Scotchmen who are not infrequently to be met abroad. His hearty good nature and his talent with the violin made him many friends, who will regret his comparatively early demise after so many years service in a foreign land, and we offer our deepest sympathy to his widow, son and daughter who are left to mourn his loss. His eldest son fell a victim of the Great War, in which he himself, notwithstanding his age, did his bit.

A. C. H.

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 JAMES MACPHERSON.

We deeply regret to learn from Miss Isabel MacPherson of the death of an Old Kewite on November 5, 1922, at the Municipal Hospital, Trenton, New Jersey, U.S.A. Miss MacPherson kindly writes:—

James MacPherson, who died November 5, 1922, aged 80 years, was born at Inverness, but removed to England when he was ten years of age. He was a graduate of Kew and a member of the Kew Guild. Also Honorary Vice-President of the New York branch of the Kew Guild. From Kew he went in 1864 to India, and for three years prior to 1870 he won the gold medal for tea exhibited in London, Paris, and Madras. The British Government offered him a tract of land in India for experimental tea growing.

He was the writer of an unpublished work entitled 'The Vegetable Kingdom in Garden Groups.' It is a re-classification of the vegetable kingdom and a revision of Lindley's great work. The book contains three thousand illustrations and charts for planting gardens.

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 OVE EDWIN WÜG.

Mr. O. E. Wüg was born in Christiania, Norway, on October 29 1872, and, following his graduation from the Christiania college he studied for two years under the most important florist in Norway, after which he went to Germany, working in various establishments for about three years. He then returned to Norway and was awarded a State Scholarship, which enabled him to travel for two years in France, Switzerland, Germany, and Italy. Soon after this he came to England

and was employed for about a year at the nursery of Messrs. Hugh Low & Co., Clapton, and then entered Kew. On leaving Kew he became foreman at the gardens of Baron Rothschild at Paris. He then returned to Norway to superintend the estate of Mr. S. Young of Hakesdalen. Soon after this he started in business on his own account and was very successful until a new railroad cut through his property, so he migrated to America, and after gaining experience of the country and its methods was taken into partnership by Mr. George E. Buxton, Nashua, N.H., and was about to take entire control when cancer in the stomach necessitated an operation which unfortunately was unsuccessful, and he died on December 10, 1918, just when about to reap the full fruits of a strenuous career which covered thirteen countries. Mr. Wüg's hobby was Cyclamen, which he grew with conspicuous success and won many prizes and medals with his plants at various shows.

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KEW STAFF (*December 31, 1922*).*(The names of Life Members are preceded by an asterisk.)*

		<i>Entered Kew.</i>
Director .....	*Dr. Arthur W. Hill, M.A., Sc.D., F.R.S., F.L.S.....	1907
Assistant Director .....	Major T. F. Chipp, M.A., B.Sc., Ph.D., F.L.S.....	1906
Assistant .....	John Aikman .....	1888†
Clerk .....	Capt. S. F. Ormsby .....	1923
Typist .....	Miss C. H. Hampton.....	1923
Keeper of Herbarium and Library.....	A. D. Cotton, F.L.S.....	1904
Assistant .....	Charles Henry Wright, A.L.S. ....	1884
" .....	*Sidney Alfred Skan .....	1892†
" .....	T. A. Sprague, B.Sc., F.L.S.....	1900
" .....	*Miss Elsie Maud Wakefield, M.A., F.L.S. ....	1910
" .....	William B. Turrill, M.Sc. ....	1909
" .....	John Hutchinson, F.L.S. ....	1904†
" .....	Major K. W. Braid, B.A., B.Sc., A.I.C. ....	1921
" for India .....	S. T. Dunn, B.A. ....	1898
Botanical Artist .....	G. Atkinson .....	1922
Assistant (Temporary Technical) .....	Miss Ada F. Fitch.....	1892
" .....	Miss M. G. Aikman .....	1915
" .....	Miss D. K. Hughes .....	1918
" .....	Miss M. Skan .....	1919
" .....	Miss C. Hillier .....	1922
" .....	G. Dear .....	1884†
" .....	P. J. Greenway .....	1921†
" .....	C. E. Hubbard .....	1920†
" .....	E. Nelmes .....	1920†
" .....	C. F. Wilson .....	1920†
" .....	C. Woodgate .....	1922†
Assistant Keeper, Jodrell Laboratory	Leonard Alfred Boodle, F.L.S. ....	1904
Keeper of Museums .....	John Masters Hillier.....	1879
Assistant .....	*John Henry Holland, F.L.S. ....	1895+
" .....	*William Dallimore .....	1891†
Preparer .....	L. J. Harding .....	1913
Curator of the Gardens .....	*William Jackson Bean, V.M.H. ...	1883+
Assistant .....	*William Nicholls Winn.....	1890†
Assistant Curators:—		
Herbaceous Department.....	*Walter Irving.....	1890+
Arboretum .....	*Arthur Osborn .....	1899†
Decorative Department .....	*John Coutts .....	1896†
Tropical Department .....	*Thomas W. Taylor .....	1902+
Temperate House .....	*Charles P. Raffill .....	1898†
Clerk.....	E. G. Dunk.....	1914
" .....	R. F. Williams .....	1923
Sergeant-Constable .....	Walter Linney .....	1892
Packer and Storekeeper .....	H. W. Ruck .....	1907
Clerk of the Works .....	J. E. Holman .....	1912
Assistant .....		

† Entered as a young gardener.



## SUB-FOREMEN.

<i>Name.</i>	<i>Department.</i>	<i>Entered Kew.</i>	<i>Previous Situation.</i>
*Buss, L. ....	Arboretum .....	July 1919 ...	Prall & Sons, Paddock Wood.
Collin, H. ....	Propagating Pits .	Jan. 1920 ...	Wills & Segar, South Ken- sington.
Harborne, B. W. .	Fereries.....	Mar. 1919 ...	Harefield Grove, Middlesex.
Pirie, J. ....	Palm House .....	Nov. 1920 ...	Shavington Hall, Salop.
Welsh, H. W. ...	Temp. House Pits.	Mar. 1921 ...	Hendon Country Club, Hendon.
Clarke, T. E. ...	Herbaceous .....	Mar. 1920 ...	Knowsley Hall Gdns., Lancs.
Hockley, W. A. ...	Rock Garden .....	Jan. 1922 ...	John Innes Hort. Inst., Merton.
Wright, J. W. ...	Temperate House .	Oct. 1919 ...	Ingestre Hall, Stafford.
Trevithick, W. E.	Decorative .....	Apr. 1920 ...	Royal Botanic Gardens, Glasnevin.
Conn, P. W. ....	Orchids .....	June 1920 ...	Borde Hill, Cuckfield, Sussex.
*Toms, K. E. ...	Decorative .....	Mar. 1920 ...	Tring Park, Tring, Herts.

## STUDENT GARDENERS.

<i>Name.</i>	<i>Entered Kew.</i>	<i>Previous Situation.</i>
Binnington, R. ....	Oct. 1922 ...	Molescroft, Beverley, East Yorks.
Birkinshaw, A. ....	May 1921 ...	R.H.S. Gardens, Wisley.
Booker, A. J. ....	Dec. 1922 ...	Orton Hall, Peterborough.
Campbell, W. ....	Aug. 1922 ...	John Innes Hort. Inst., Merton.
Cavanagh, A. A. ....	Nov. 1921 ...	Bryn Lupus Gardens, Llandudno.
Cooper, E. C. ....	Sept. 1922 ...	Sackville Hotel, Bexhill-on-Sea.
Coventry, T. ....	Apr. 1922 ...	Madresfield Court Gardens.
Coward, E. ....	Apr. 1922 ...	Imperial War Graves Commission.
Farr, E. E. ....	Feb. 1922 ...	Ditto.
Flynn, G. O. ....	Nov. 1922 ...	Ditto.
Franklin, W. ....	Dec. 1922 ...	Tresco Abbey, Isles of Scilly.
Gill, B. ....	Apr. 1922 ...	R.H.S. Gardens, Wisley.
Gregory, C. R. ....	Oct. 1922 ...	Birmingham City Parks.
Hawkins, F. ....	June 1922 ...	Turner's Court, Wallingford.
Hopkins, A. G. ....	Nov. 1922 ...	Cambridge Botanic Garden.
Hopkins, A. J. ....	Apr. 1922 ...	Ditto.
Howell, W. ....	Apr. 1922 ...	Royal Gardens, Sandringham.
Jones, C. ....	Feb. 1921 ...	Henslow Grange Gardens, Henslow.
Killick, E. H. ....	Apr. 1921 ...	Claremont, Esher, Surrey.
Knight, W. P. ....	Feb. 1923 ...	Edinburgh Botanic Garden.
Lamberton, W. ....	Sept. 1922 ...	Glasgow Botanic Garden.
Lawrence, W. ....	Apr. 1922 ...	John Innes Hort. Inst., Merton.
Mackenzie, S. J. ....	Mar. 1921 ...	Leigh Corporation Parks Dept.
Mansfield, B. P. ....	Dec. 1922 ...	Glasnevin Botanic Gardens.
Maw, H. ....	Aug. 1922 ...	Midland Agricultural College.
MacIntosh, J. J. ....	Oct. 1922 ...	Glasgow Botanic Garden.
McPherson, J. A. ....	Sept. 1922 ...	Dunedin Botanic Gdns., New Zealand.
Michie, R. S. ....	July 1922 ...	Michie & Co., Alnwick.
Newman, C. ....	Apr. 1922 ...	Birmingham Botanic Gardens.
Paton, E. A. ....	Apr. 1920 ...	Monmouth Agric. Inst., Usk, Mon.
Perkins, H. A. T. ....	Dec. 1922 ...	Perkins & Sons, Coventry.
Read, S. D. ....	Jan. 1922 ...	Ladhams Ltd., Southampton.
Roberts, W. ....	Feb. 1922 ...	Englefield Gardens, near Reading.
Robinson, G. W. ....	Feb. 1922 ...	Imperial War Graves Commission.
Saville, D. ....	May 1920 ...	Trained at Kew.
Sayer, H. W. ....	Mar. 1922 ...	Cobham Hall Gardens.
Semple, J. A. ....	Jan. 1921 ...	Donegal Park Nurseries, Belfast.
Squibbs, F. L. ....	Feb. 1922 ...	Imperial War Graves Commission.
Watson, J. W. ....	Jan. 1922 ...	Brooksby Hall, Leicester.
Wiltshire, W. ....	Jan. 1923 ...	King's Acre Nurseries, Hereford.

## OLD KEWITES.

(The names of Life Members are preceded by an asterisk.)

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address †.</i>
*Abbott, James M. ....	Sept. 1898 ..	F., Park Farm, Woking Village, Surrey.
Adams, R. ....	April 1903 ..	St. Joseph's Hospital, Burlington Lane, Chiswick.
Adamson, John .....	July 1909 ..	N., Moniaive, Dumfriesshire.
Aggett, Walter H. ....	June 1888.	
Alcock, Mrs. N. L. ....	Nov. 1918 ..	Plant Pest Lab., Milton Rd., Harpenden, Herts.
*Allen, C. E. F. ....	Feb. 1904 ..	C., Port Darwin, N. Territory, Austr.
Allen, Justin .....	Mar. 1911 ..	York Lodge, Upper Parkstone, Dorset.
*Allt, W. S. ....	Jan. 1911 ..	Hyde Park, Dutchess County, N. Y., U.S.A.
*Anderson, J. R. ....	Oct. 1905 ..	Agric. Dept., Zanzibar.
*Anderson, J. W. ....	June 1910 ..	M., Labis Rubber & Produce Co., Ltd., Labis, Johore, Bahru.
Andrews, C. ....	Oct. 1922 ..	F., Tresco Abbey, Scilly Islands.
Archer, Sydney .....	Mar. 1895.	
*Arden, Stanley .....	June 1900 ..	Bintang, Bridge Road, Worthing.
*Armbrrecht, Otto .....	Jan. 1898 ..	Derneburg, Prov. Hanover, Germany.
Armstrong, James. ....	Mar. 1893 ..	H.G., Hardcourt, North Andover, Mass., U.S.A.
*Armstrong, Robert ....	Oct. 1897 ..	170 Bartlett Av., Toronto, Ontario, Canada.
*Arnold, George .....	Oct. 1894 ..	Essex.
*Arthur, Alec .....	April 1899 ..	H.G., Foxhill Farm, Bryn Mawr, Pa., U.S.A.
Ashlee, T. R. ....	April 1910 ..	Kerrisdale P.O., British Columbia.
Astley, James .....	Nov. 1898.	
Attenborough, F. ....	Feb. 1896 ..	H.G., Annesley Ho., Villa Rd., Nottingham.
*Aubrey, A. E. ....	April 1910 ..	Brookfield, Bellbroughton, Stourbridge.
Augull, Karl .....	July 1902 ..	Maj Nursery, Nowotscherkask, Russia.
*Auton, William J. ....	Feb. 1897 ..	H. G., Pyrford Court, Woking.
Avins, Charles W. ....	Oct. 1894.	
*Badgery, R. ....	Aug. 1906 ..	Supt., Bot. Gdns., Saharanpur, India.
Baggesen, Niels .....	Dec. 1900 ..	16 South View Road, Tunbridge Wells.
Bailey, A. G., B.A. ....	Dec. 1915.	Economic Botanist, Trinidad.
Bailey, Thomas .....	Sept. 1892 ..	Ravenscourt Park, W. 6.
*Baker, A. F. ....	April 1920 ..	Asst. Supt. of Pks. & Fst., Box 288, King's Pk., Bloemfontein, S.A.
Baker, E. ....	Oct. 1920 ..	Garston Manor Gdns., nr. Watford, Herts.
Baker, G. A. ....	Jan. 1911 ..	N., Buller Rd., Laindon, Essex.
Baker, William G. ....	Dec. 1887 ..	C., Bot. Gardens, Oxford.
Bale, J. H. ....	Mar. 1909 ..	Folly Farm, Sulhampstead, nr. Reading.
*Balen, J. C. van .....	Mar. 1919 ..	c/o Municipal Gardens, Cape Town, S.A.
Bally, P. ....	Aug. 1916 ..	425 Salisbury Street, Worcester, Mass., U.S.A.
*Band, R. ....	Oct. 1908 ..	P.O. Box 206, Accra, Gold Coast.
Banks, G. H. ....	Mar. 1906 ..	C., Botanic Gardens, Glasgow.
*Barker, Michael .....	Mar. 1884 ..	Sec., "American Florist" Co., Chicago, Ill., U.S.A.
*Barker, W. H. ....	Mar. 1923 ..	11 Lawn Crescent, Kew.
Barnett, M. J. ....	April 1914 ..	Bot. Gardens, Dunedin, New Zealand.
*Bartlett, A. C. ....	May 1898 ..	Land. Gard., 318 Kew Rd., Kew, Surrey.

† Abbreviations: H. G.=Head Gardener; F.=Foreman; N.=Nurseryman; M. G.=Market Gardener; C.=Curator; D.=Director; M.=Manager; B. G.=Botanic Garden

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Barton, Robert .....	June 1890.	P.O. Box 57, Hamden, Conn., U.S.A.
Bass, A. P. ....	Nov. 1922 ..	Botanic Gardens, Cambridge.
Bass, Edward .....	Mar. 1899 ..	Leigh Lodge, Abbot's Leigh, Bristol.
Bass, Thomas .....	Mar. 1899 ..	13 Friar's Stile Rd., Richmond, Surrey.
Bates, A. J. ....	June 1922.	
*Bates, G. ....	Feb. 1904 ..	N., Higham Hill Nur., Billet Road, Walthamstow, E. 17.
Batters, Frederick H. ..	Feb. 1891 ..	c/o Messrs. Cutbush, Nurs., Highgate, N. 6.
Baum, Jacob .....	July 1900 ..	N., Pallud sur Vevey, Switzerland.
*Baumann, Ludwig .....	Mar. 1902 ..	3233 Portis Ave., St. Louis, Mo., U.S.A.
Baumgardt, Hilding .....	Mar. 1902.	
Beale, J. H. ....	Apr. 1911 ..	Midland Agric. Coll., Kingston, Derby.
Beatty, E. J. ....	Nov. 1905 ..	c/o Messrs. Wallace, The Old Gardens, Tunbridge Wells.
Beer, A. ....	Mar. 1919 ..	University Bot. Gdns., Innsbruck, Tyrol.
*Behnick, A. ....	Dec. 1906 ..	H.G., Gruson, Magdeburg, Germany.
*Behnick, Eric .....	July 1894 ..	C., Botanic Garden, Heidelberg, Germany.
*Bell, A. R. ....	Aug. 1914 ..	C., Agric. Dept., Southern Prov., Nigeria.
*Bell, Miss V. S. ....	See Mrs. Warner.	
*Benbow, Joseph .....	Sept. 1884 ..	Supt., La Mortola, Ventimiglia, Italy.
*Bennett, F. R. ....	Sept. 1915 ..	F., Wall Hall Gardens, Watford.
Bentall, A. S. ....	Oct. 1921.	
Benton, A. W. ....	May 1909 ..	86 York Road, Teddington, Middlesex.
Berg, F. ....	Feb. 1911 ..	Dien III. Aposthigasse 29-31, Vienna.
Berridge, T. G. ....	Aug. 1912 ..	5 Lansdowne Ter., Day's La., Sidcup, Kent.
*Besant, J. W. ....	June 1905 ..	Keeper, Royal Bot. Gdns., Glasnevin, Dublin.
Besant, W. D. ....	June 1910 ..	Supt., Kelvin Park, Glasgow.
*Best, G. A. ....	Mar. 1921 ..	Asst. Curator, Bot. Gdns., Singapore.
*Biggs, E. M. ....	Oct. 1912 ..	Trav. Supt. Gdn., Imperial War Graves Commission, France.
Bintner, Jean .....	Sept. 1917 ..	{ 33 Ave Monterey, Grand-Duche de
Bintner, Mrs. Jean (Harper)	Jan. 1913 ..	{ Luxembourg.
Bird, D. H. ....	Jan. 1913 ..	Rosmede, Slough Rd., Datchet.
Bird, F. W. ....	May 1909 ..	6 King's Villas, Slough Rd., Datchet.
*Birkinshaw, F. ....	April 1912 ..	Assist. Insp., Agric. Dept., F.M.S.
Bishop, Miss S. W. ....	April 1919 ..	10 Redcliffe Parade East, Bristol.
Blackburn, A. ....	Oct. 1908 ..	Supt. of Parks, Blackpool.
Blake, A. E. ....	Sept. 1922 ..	R.B.G., Regent's Park, N.W. 1.
Blancaneaux, J. S. ....	April 1878 ..	c/o E. J. F. Campbell, B.S., Belize, Brit. Honduras.
*Blanche, H. M. ....	Sept. 1909 ..	44 South St., Jam. Plain, Mass., U.S.A.
Bliss, Daniel .....	Nov. 1895 ..	Supt., Public Parks, Swansea.
Bliss, J. ....	Aug. 1891.	
*Blythman, T. ....	May 1907 ..	Aldermere, B.C., Canada.
*Bogemans, A. ....	Jan. 1911 ..	145, Avenue Van Becelacre Watermael lez-Brussels.
Boff, C. ....	Jan. 1916 ..	Link House, 54 Fetter Lane, E.C. 4.
*Bogula, Otto .....	Mar. 1899 ..	F., Missouri B.G., St. Louis, Mo., U.S.A.
Bolt, Philip .....	Oct. 1874 ..	Whitegate Cott., Sutton Lane, Middlewich, Cheshire.
*Bolt, Philip (jun.) .....	June 1898 ..	H.G., Stand Hall, Whitefield, Manchester.
Bolton, W. ....	Feb. 1904 ..	Blenheim, Woodstock, Oxon.
Bond, William .....	June 1876 ..	H.G., 66 Bostall Lane, Abbey Wood, Kent.
Boorman, John .....	Aug. 1885 ..	Collector, Bot. Gdns., Sydney, N.S.W.
Boswell, Miss D. A. L. ....	June 1918 ..	Brougham Terrace, Harlepool.
*Bouckenoghe, Val. ....	Sept. 1892 ..	Ypres, Belgium.
Boulton, Francis .....	Jan. 1915 ..	Imperial Institute, S. Kensington, S.W. 7.
*Bowell, E. C. ....	Sept. 1906 ..	N. Alpine Cott., Cemetery Rd., Cheltenham.
Bradbury, James .....	July 1880.	
*Braggins, S. W. McLeod	Nov. 1906 ..	Asst. Supt., La Mortola, Ventimiglia, Italy.
Brain, H. J. ....	Mar. 1915 ..	42 Bulstrode Av., Hounslow, Middlesex.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Braybon, E. A. ....	Mar. 1915 ..	Asst. C., R. B. G., Sibpur, Calcutta, India.
Brenchley, J. A. ....	Nov. 1882.	
Brierley, W. B., M. Sc. F.L.S.	Nov. 1918 ..	Research Inst. of Phytopathology, Rothamsted.
*Briscoe, T. W. ....	April 1905 ..	H. G., 4 Gloucester Rd., Tutshill, Chepstow.
Broadbridge, Mrs. L. ..	Aug. 1918 ..	1 Walden Chambers, 70 High Street, Marylebone, W. 1.
Broadway, Walter E. ..	June 1888 ..	Horticulturist, Dept. of Agric., Trinidad.
Brook, Edgar .....	June 1883 ..	23 Raleigh Road, Richmond, Surrey.
Brooks, A. J., F.L.S., F.C.S., J.P.	May 1903 ..	Agric. Supt., St. Lucia, B.W.I.
Broomer, Frederick ....	April 1881.	
*Brown, A. E. ....	Sept. 1905 ..	Box 147, Mimico, Ontario, Canada.
*Brown, E., F.L.S. ....	Dec. 1903 ..	Hillside, Dodington, nr. Sittingbourne, Kent.
*Brown, J. ....	April 1905 ..	H. G., The Bluffs, Tuckerman Av., New- port, Rhode Is., U.S.A.
Brown, Nicholas E., A.L.S.	July 1914 ..	6 The Avenue, Kew Gardens.
Brown, Thomas .....	Nov. 1884 ..	Parks Rd. Offices, City Hall, Winnipeg.
*Brown, T. W., F.L.S. ..	Nov. 1899 ..	Elloughton Dale, Brough, E. Yorks.
Brown, Rev. Wm. McL.	May 1878 ..	22 Hawthorn Rd., Gosforth, Newcastle.
*Browne, William, M.V.O., I.S.O.	Jan. 1860 ..	Ravenswood, 210 Preston Rd., Brighton.
Bruun, Svend .....	June 1895 ..	N., Brøndbyvester Strand, Glostrup, Den- mark.
Bryan (Brien), H. ....	Mar. 1906 ..	Steward's House, Hampstead, Glasnevin, Co. Dublin.
Bryan (Brien), W. ....	Feb. 1878 ..	H. G., Mayfield Gdns., Portlaw, Co. Waterford.
Bryan (Brien), I. G. ....	Mar. 1878.	Hibernia, Palmeeston, Fairfield, W. Aus- tralia.
*Bryant, Edwin .....	Dec. 1889.	
Bullock, T. G. ....	May 1913 ..	Hort. Lect., 6 Millstone Lane, Leicester.
Bueckholz, V. ....	Mar. 1911 ..	Cottbus Camp, Germany.
Burbridge, George .....	April 1895 ..	4 Mortlake Terrace, Kew, Surrey.
Burbridge, K. G. ....	Jan. 1906 ..	Cons. of For., Sierra Leone, W. Africa.
Burfoot, Charles .....	Mar. 1921 ..	H. G., Bulmershe Ct., Earley, nr. Reading.
*Burkill, I. H., M.A., F.L.S.	Dec. 1900 ..	D., Botanic Gardens, Singapore.
Burn, Thomas .....	Jan. 1888 ..	H. G., Cuerdon Hall, Bamber Bdge., Preston.
*Burrell, Miss L. C. ....	Mar. 1922 ..	Arlarie, Wansford, Peterborough.
Burton, H. ....	Dec. 1903 ..	5540 Chancellor St., W. Philadel., U.S.A.
*Butcher, F. H. ....	May 1907 ..	C., Govt. Gdns., Ootacamund, India.
Butcher, G. W., J.P. ..	June 1912 ..	Green Cottage, Hartfield, Sussex.
Butcher, H. G. ....	Sept. 1921 ..	Roath Park, Cardiff.
Butler, F. B. ....	Nov. 1919 ..	Supt. Dep. Agric., Kenya Colony, B.E. Africa.
Butler, P. J. ....	Feb. 1922 ..	Bedford College, Regent's Park, N. W. 1.
*Butts, E. ....	Aug. 1882 ..	Leigham Villa, Leslie Rd., Rayleigh, Essex.
*Bysouth, Mrs. R. A. (Davies).	Jan. 1919 ..	Lashbarn P.O., Saskatchewan, Canada
Cambridge, Robert ....	Nov. 1894 ..	Turnham's Farm, Calcot, Reading.
*Cameron, John, F.L.S. ...	Dec. 1873 ..	7 Hamlet Road, Upper Norwood, S.E. 19.
*Cameron, Robert .....	April 1887 ..	Est. Supt. to A. T. Crane, Ipswich, Mass., U.S.A.
*Campbell, J. W., J.P. ..	May 1904 ..	Visiting Agent, Rub. Est., Malacca.
*Candler, S. R. ....	Feb. 1913 ..	P.O. Box 278, Southampton, Long Island, N.Y., U.S.A.
Candler, Thomas H. ....	Mar. 1897 ..	H. G., 83 Elm Rd., Bournville.
Canning, J. ....	April 1891 ..	H. G., Lawn Tennis Club, Rue Lacour Cannes.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
*Cannon, H. A. ....	Mar. 1912 ..	Uganda Coffee and Rubber Est., Ltd Kampala P.O. 53, Uganda.
Capsticks, W. H. ....	Oct. 1912 ..	Strode, Ivy Bridge, South Devon.
Cargill, David ....	Nov. 1867 ..	131 Makin St., Walton, Liverpool.
*Cartwright, T. ....	May 1908 ..	Supt., Expermt. Pltns., Jebelin, Soudan
Casey, Miss E. M. ....	Dec. 1917.	7 Gloucester Cres., Regent's Pk., N.W.
*Casse, A. E. ....	Mar. 1900 ..	Bayeux, Hayti.
*Cavanagh, B. ....	Nov. 1899 ..	Nao Salao, Gwalior, Central India.
*Cave, George H. ....	Aug. 1896 ..	C., Lloyd B. G., Darjeeling.
*Cave, J. E. ....	April 1903 ..	H. G., Crix Cottage, Binfield, Berks.
Cessford, John ....	April 1880.	
Chambers, G. ....	April 1915 ..	Woodside, Llanfoist, nr. Abergavenny Mon.
Chambers, Mrs. K. (Watson, K.).	Mar. 1922.	
Champion, Miss. ....	Feb. 1916 ..	Cerrig Clwydion, Denbigh.
*Chandler, P. ....	Nov. 1919 ..	Asst. Agric. Dept., Kampala, Uganda.
Chapelow, A. U. ....	June 1895.	
Chapman, H. L. R. ....	July 1919 ..	Supt., Hort. Div., Ministry of Agr., Giza Cairo.
Charman, George ....	Feb. 1885 ..	Florida.
Child, H. V. ....	Jan. 1911 ..	Kew Convent, Kew, Victoria, Australia.
Chinery, Philip ....	Nov. 1882 ..	H. G., Bulmer Lodge, Sudbury, Suffolk.
Chollet, P. ....	Oct. 1916 ..	c/o Messrs. Sander & Sons, Bruges.
Christensen, P. O. ....	Mar. 1901 ..	Nørregade 64, Odense, Denmark.
*Christie, J. S. ....	Nov. 1909 ..	Supt. Parks, Camberwell, 424 Lordship Lane, East Dulwich, S.E. 22.
Cishegg, J. ....	June 1908 ..	M., Stanmore Nurs., Stanmore, Middx.
Clacy, C. S. ....	April 1908.	
Clark, John ....	Dec. 1900 ..	Spt., Cem. Lodge, Hatfield Rd., St. Albans
Clark, Peter D. G. ....	Sept. 1880 ..	c/o Curator, Royal Bot. Gdns., Ceylon.
Clarke, G. ....		Billing Hall Gardens, Northampton.
Clarke, N. K. ....	Nov. 1909 ..	H. G., Orsett, Grays, Essex.
*Clegg, A. S. ....	Jan. 1921 ..	Agric. Supt., Mauritius.
*Clements, T. ....	Dec. 1906 ..	H.G., Drewsteignton Rect., Newton Abbot.
Close, A. W. ....	May 1908 ..	Biological Hall, Pen. Univ., Philad., U.S.A.
*Coates, Mrs. D. B. (Taylor).	Aug. 1916 ..	South Kilworth, Rugby.
Cocker, Aloysius ....	June 1872 ..	H. G., Stourton Castle, Knaresborough.
Cole, F. J. ....	Mar. 1901 ..	Canada.
Collins, J. ....	Oct. 1910 ..	36 The Butts, Brentford.
Collins, W. ....	April 1919 ..	S., Clarence Park, St. Albans.
Cook, F. J. ....	May 1921 ..	Asst. Gdnr., Nat. B. G., Kurstenbosch, S. Africa.
Coomber, William ....	April 1861 ..	71 Langham Rd., Teddington, Middlesex.
*Coombes, G. ....	July 1915 ..	Dept. of Agriculture, Zomba, Nyasaland.
Cooper, Edward ....	Oct. 1894 ..	Sander & Sons, Nurserymen, St. Albans.
Cooper, T. ....	Sept. 1914 ..	School Garden, Birmingham Parks Dept.
*Cope, Gertrude ....	Nov. 1898 ..	Pinewood Gardens, Chandler's Ford, Winchester.
Corbett, G. ....	May 1920 ..	Dept. of Agric., Reduit, Mauritius.
Corbishley, Miss A. G. ....	April 1921 ..	74 Ridge Road, S. Durban, S. Africa.
Cork, Henry ....	Mar. 1893 ..	H. G., Hampton Lodge, Seale, Farnham.
Coudrey, Joseph ....	Mar. 1883.	
*Cousins, F. G. ....	May 1911 ..	Supt., Bot. Gdns., Regent's Park.
Coutts, W. ....	Feb. 1903 ..	H.G., Learney, Torphins, Aberdeensh., N.B.
*Cowley, H. ....	Dec. 1907 ..	c/o Messrs. Wallace, The Old Nurseries, Tunbridge Wells.
Cox, Alfred ....	Feb. 1885 ..	M. G., Newbury, Berkshire.
*Coxon, W. E. ....	Aug. 1898 ..	Braemar Nurseries, West Worthing.
*Cradwick, William ....	July 1888 ..	Agric. Instr., Mandeville P.O., Jamaica.
Craib, Prof. William G., M.A., F.L.S.	July 1915 ..	Regius Prof. of Bot., Univ. of Aberdeen.
Craig, Mrs. A. P. ....	July 1920.	1 Eastwood Rd., Muswell Hill, N.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Creek, Ernest .....	Aug. 1901 ..	Hort. Inst., Shire Hall, Bury St. Edmunds.
Cressier, G. H. ....	May 1912 ..	9 Rue Vallier, Levallois Perret (Seine), France.
Crot, W. ....	Mar. 1904.	
*Crouch, G. S. ....	Sept. 1913 ..	Supt., Hort. Div., Ministry of Agri., Giza, Cairo.
Crowe, V. C. ....	Dec. 1919 ..	23 Gloucester Road, Kew, Surrey.
*Crump, Edward .....	Aug. 1871.	
*Culham, A. B. ....	June 1910 ..	Supt., Agric. Dept., Gold Coast.
Culver, D. R. ....	June 1922.	
*Cundy, Charles .....	April 1881 ..	N., Gt. Cornard, Sudbury, Suffolk.
Cunningham, W. J. M. .	Oct. 1921 ..	Bai Rub. & Cocoa Ests., c/o Millerio Factory, Calabar.
Curtis, Charles H. ....	May 1892 ..	M. Ed., 'Gardeners' Chronicle,' and 2 Adelaide Rd., Brentford, Middlesex.
*Dalgarno, Fred C. ....	Mar. 1902 ..	Park Supt., Bowes Mus., Barnard Castle.
Dalgarno, Joseph .....	May 1871 ..	N., Whitehall Place, Aberdeen.
Daubanton, C. ....	Mar. 1908.	
Davidson, Miss H. W. .	May 1919 ..	Gerrans, Barsett, Southampton.
Davidson, William .....	April 1896 ..	Monkhams Hall, Waltham Abbey.
Davies, Cecil .....	Jan. 1899 ..	D., Hammonton Hardy Plant Ny., Folsom, Atlantic City, N. J., U.S.A.
Davies, Miss G. A. ....		
*Davies, Henry J. ....	Jan. 1894 ..	Aubonne, 6 Alington Rd., Bournemouth.
Davies, Miss R. A. .	See Mrs. Bysouth.	
Davies, T. P. ....	Oct. 1899 ..	H. G., Pen-myarth Pk., Crickhowell, S. Wales.
Davies, W. ....	June 1912 ..	117 Maryvale Road, Bournville.
Davis, H. K. ....	Sept. 1909 ..	272 Sandycombe Road, Kew, Surrey.
*Davy, E. W. ....	Dec. 1905 ..	Asst. Dir., Dept. of Agric., Zomba, Nyasaland.
*Davy, J. Burt, F.R.G.S., F.L.S.	Sept. 1892 ..	Burttholm, Vereeniging, S. Africa.
*Dawe, M. T., F.L.S. ....	Sept. 1902 ..	Commer. of Lands and Forests, Free Town, Sierra Leone.
Dearling, William .....	April 1891 ..	Sussex Farm, Oakley, Queensland.
Debot, M. ....	May 1903 ..	372 Chausée d'Helmet, Schaerbech, Brussels.
De Troyer, Ch. L. ....	Aug. 1904 ..	D., Grand Établissement Horticole de Wolverthem lez Bruxelles, Belgium.
*Derry, Robert. ....	Nov. 1883 ..	14 Lion Gate Gdns., Richmond, Surrey.
Derwael, F. L. G. ....	June 1910 ..	Inspector of Public Gardens, Antwerp.
Dines, J. H. ....	Sept. 1908 ..	H. G., Downside, Leatherhead.
*Dinn, Theo. J. ....	Sept. 1901 ..	M., adverastraat 22, 's Gravenhage, The Hague, Holland.
Dixon, James. ....	April 1909 ..	c/o Messrs. Bees, Sealand Nurs., Chester.
Dixon, Matthew K. ....	Oct. 1877.	
Dixon, William .....	May 1890.	
Dodd, E. S. ....	Jan. 1910 ..	c/o J. N. Seligman, Willow Brook, Irvington-on-Hudson, N.Y., U.S.A.
Dodd, W. G. ....	Mar. 1908 ..	Cherry Lane Cottage, Kinley, Dudley.
Dollman, Miss R. ....	June 1917 ..	West Dean Vicarage, Chichester, Sussex.
Donaldson, R. H. ....	Dec. 1906 ..	P.O., Cannington, Western Australia.
*Down, W. J. ....	Sept. 1907 ..	H. G., 14 Hazelwood Av., Murratville, Adelaide, S. Australia.
*Downer, H. E. ....	Mar. 1912 ..	H. G., Vasser Coll., Poughkeepsie, U.S.A.
*Downes, E. J. ....	Oct. 1920 ..	Asst. Supt., Pub. Gdns. & Pltns., Jamaica, B.W.I.
*Draper, Walter .....	July 1892 ..	D., Govt. Gdns., Delta Barrage, Egypt.
*Drew, Miss D. E. ....	Mar. 1922 ..	51 Petty France, Buckingham Gate, S.W.
*Drost, Klaas .....	Oct. 1880 ..	Oldebrook, Holland.
*Duncan, J. G. ....	Mar. 1901 ..	Bot. Gdn., Port Elizabeth, S. Africa.

<i>Name</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Dunk, W., D.C.M. ....	Sept. 1909 ..	1 Gainsborough Rd., Richmond, Surrey.
Duval, Raoul .....	Oct. 1901 ..	Buisson Hocpin, Evreux (Eure), France.
*Dyer, Sir W. T. Thiselton-, K.C.M.G., C.I.E., F.L.S., etc.	Mar. 1906 ..	The Ferns, Witcombe, Glos.
*Dyson, William .....	Jan. 1899.	
Eady, G. H. ....	June 1912 ..	Asst. Supt., Agric. Dept., Gold Coast.
Earle, Arthur J. ....	July 1891.	
*Eavis, Harry .....	Mar. 1902 ..	H. G., Fir Cottage, Hazel Grove, Hind head, Surrey.
Elder, John .....	May 1902 ..	Chatlapore Tea Estate, Shamsheerage P.O., South Sylhet, India.
Ellings, William .....	Oct. 1909 ..	c/o G. F. Baker, Esq., Tuxedo Park, N.Y. U.S.A.
*Elliot, J. A. ....	Nov. 1905 ..	Allynugger Tea Co., S. Sylhet, India.
Ellis, Miss C. F. ....	May 1919 ..	Woodford, St. Brelade, Jersey, C. I.
*Ellis, J. ....	Feb. 1915 ..	H. G., Smith College, Northampton Mass., U.S.A.
Ellis, Robert .....	June 1885.	
Elson, Fred. ....	Aug. 1886.	
*Endres, H. W. ....	May 1912 ..	c/o Westover Nursery Co., Clayton St. Louis, Missouri, U.S.A.
Entwistle, T. ....	Mar. 1877 ..	33 Conran St., Harpurhey, Manchester.
Epps, H. W. ....	Jan. 1911 ..	Blunt House Gdns., Oxted, Surrey.
*Epps, Miss L. ....	April 1919 ..	7 Powis Gdns., Golders Green, N.W. 4.
*Etterley, W. H. ....	Jan. 1909 ..	Asst. Supt., Parks & Gardens, Shanghai, China.
*Evans, Alfred E. ....	Oct. 1901 ..	Senior Supt., Agric. Dept., Gold Coast.
Evans, F. J., F.L.S. ....	June 1903 ..	Supt. of Agriculture, S. Nigeria.
*Evans, W. N. ....	June 1914 ..	6 Victoria Av., Granville St., Hull.
Eves, J. W. ....	Mar. 1904 ..	Hort. Inst., University of Leeds.
*Falconer, William .....	Feb. 1872 ..	S., Allegheny Cem., Pittsburg, Pa., U.S.A.
Feltham, Edward .....	Dec. 1909 ..	Kingsley, Milldown Rd., Goring-on-Thames.
Ferguson, Bruce .....	Sept. 1886 ..	Australia.
Field, F. W. ....	May 1909.	
Finch, Mrs. E. G. (Wareham).	Aug. 1920 ..	c/o P.O., Fort Jameson, Rhodesia.
Finkelmann, Robert ....	Dec. 1888 ..	c/o H. Mette, Quedlinburg, Germany.
Fischer, Joseph .....	April 1902 ..	N., Monumentenstr. 29, Berlin, S.W.
*Fishlock, W. C. ....	Oct. 1900 ..	Assist. Supt., Agric. Dept., Gold Coast.
Flippance, F. ....	July 1915 ..	Asst. C., B.G., Penang.
*Flossfeder, F. ....	May 1904 ..	School of Agric., Davis, Cal., U.S.A.
*Flowers, Alfred .....	June 1902 ..	Roseland, New Jersey, U.S.A.
Forbes, George .....	Mar. 1873 ..	H. G., Regent's House, Surbiton.
Foster, J. T. ....	Dec. 1908 ..	Australia.
*Fothergill, G. H. ....	Jan. 1921 ..	Cinchona Dept., Mungpoo Plant., Bengal, India.
Fowell, Edmund ... ..	May 1887 ..	H. G., Chiswick, Ocean St., Woolahra, Sydney, N.S.W.
Fowler, James M. ....	June 1886.	
*Fox, Walter .....	June 1879 ..	11 Gloucester Rd., Kingston Hill.
Frank, Henri .....	Sept. 1893 ..	D., B.G., Jaysinia, Samoens, Switzerland.
Frankland, Arthur ....	April 1897 ..	N., 46 King Cross, Halifax.
*Fraser, John, V.M.H., F.L.S.	May 1885 ..	355 Sandycombe Rd., Kew, Surrey.
Fraser, Thomas .....	May 1880 ..	Florist, Ealing Common Station, W. 5.
Freda, Miss A. B. ....	May 1919 ..	Box 214, Chester, Nova Scotia, Canada.
*Free, M. ....	Mar. 1912 ..	H. G., Brooklyn B. G., New York, U.S.A.
Freeman, J. ....	Oct. 1918 ..	18 Station Road, Preston Park, Brighton.
French, H. ....	Nov. 1894 ..	H. G., Moulton Grange, Pitsford, Northampton.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
French, F. W. Prosser ..	June 1891 ..	Acct. & Compt., Gen. Dept., Somerset House, Strand, W.C. 2.
*Fyffe, R. ....	Mar. 1908 ..	Chief Officer, Forestry Dept., Entebbe, Uganda.
Gagge, A. P. ....	July 1903.	
Gagge, Mrs. A. P. (Smith)	July 1903.	
*Galt, Alexander S. ....	Sept. 1894 ..	Rutherglen, Lidgett Pk. Rd., Roundhay, Leeds.
*Gammie, James A. ....	Aug. 1865 ..	1 Harvard Road, Gunnersbury.
*Gammon, F. ....	April 1907.	Kampala P.O., Uganda.
Gardiner, G. F. ....	Oct. 1912 ..	University Gardens, Bristol.
Gardiner, H. J. ....	Feb. 1922.	
Gardner, A. ....	Mar. 1905.	
Gardner, H. G. ....	June 1905 ..	Winona, Ontario, Canada.
Gardner, L. W. ....	May 1913 ..	Chuikuli Estate, P.O. Box 8, Fort Jameson, N.E. Rhodesia.
*Garnett, Arthur ....	July 1915 ..	Cambridge, Tasmania.
Garnett, Miss O. R. ....	Mar. 1912 ..	Orchard End, East Hendred, Steventon, Berks.
Garnett, Miss R. ....	Mar. 1918 ..	26 West Hill, Highgate, N. 6.
*Garrett, Francis ....	Nov. 1902 ..	19 Green Road, Southsea.
*Gaut, R. C., M.Sc., N.D.A.	May 1898 ..	Agric. Adv., 37 Foregate St., Worcester.
*Gentil, Louis ....	Sept. 1897 ..	Niengélé, Lusambo, Belgian Congo.
Gevelers, Joseph ....	Mar. 1901 ..	Ferrières en Brie, Seine et Marne, France.
Gibson, George ....	Feb. 1900.	
*Gibson, J. O. E. ....	June 1902 ..	N., Larkland Nurseries, Ilkeston, Derbyshire.
*Gifford, F. ....	June 1874 ..	N., Montague Nursery, Hornchurch.
Gilbert, John ....	Jan. 1875 ..	14 York Terr., Cheam, Surrey.
*Gill, Ernest ....	Feb. 1901 ..	N., 14 Market Street, Falmouth, Cornwall.
*Gill, Norman, F.L.S. ....	Jan. 1900 ..	S., G. Gdns., Kumaon, Jeolikote P.O., India.
Gill, Robert ....	July 1909.	
Girdhan, C. G. ....	Feb. 1901 ..	Avondale, Cecil Rd., Hale, Cheshire.
*Glover, F. ....	June 1914 ..	County Offices, Preston.
Goad, Miss M. E. ....	April 1917.	
Godard, Gaston ....	Nov. 1902 ..	France.
Godfrey, W. F. ....	April 1921 ..	N., 7 Oxford Street, Whitstable, Kent.
*Godseff, Leo G. ....	Mar. 1901 ..	Chief Supt. of Cemeteries, Liverpool.
*Goémans, H. J. ....	Feb. 1890 ..	231 Chaussée d'Aureas, Ghent, Belgium.
*Goldring, Fred. ....	Feb. 1879 ..	N., Slingerlands, Albany, U.S.A.
Goodrich, W. J. ....	Dec. 1911 ..	5 Kew Bridge Road, Brentford.
*Gosswailer, John, F.L.S.	Sept. 1898 ..	D., B. Gdns., Angola, Port. West Africa.
*Gostling, William H. ..	Mar. 1882 ..	Upton Cottages, Nursling, nr. Southampton.
*Gould, A. R. ....	Aug. 1910 ..	Lands Arch., 231 Milpas Street, Santa Barbara, California, U.S.A.
Grant, Miss N. ....	Sept. 1917 ..	The Min. of Agric., Oaklands, St. Albans.
*Gray, G. W. ....	April 1910 ..	Parlour Inn, Achicourt Rd., Arras, France.
Gray, Patrick J. ....	Dec. 1897 ..	Hort. Inst., 11 Rutland Sq., Dublin.
*Green, Albert. ....	Nov. 1885 ..	Nombi, Mullaley, <i>via</i> Gunnedah, N.S.W.
*Green, Harold ....	Jan. 1911 ..	Supt., Bot. Dept., Hong Kong.
*Green, Henry F. ....	Mar. 1900 ..	M., Govt Cinchona Pltns., Munsong, Bengal.
Green, H. ....	Dec. 1916.	
Green, James ....	Feb. 1895 ..	Trelissick, Truro, Cornwall.
Green, Miss M. L. ....	1918 ..	Sub-Editor, Pritzel Staff, R. H. S., Kew Herbarium.
Greening, L. ....	Dec. 1908 ..	6 Park Hill, Richmond Hill, Surrey.
Gregory, John ....	Mar. 1866 ..	60 Canterbury Road, Croydon.
Gregory, W. ....	Oct. 1920 ..	Plant Pests, Lab., Min. of Agric., Milton Road, Harpenden.
*Gribble, John J. ....	April 1895 ..	H. G., Penlee, Penzance, Cornwall.
*Griessen, Albert E. P. ..	Oct. 1898 ..	Deputy Director of Agric. Garden Circle, Saharanpur, W.P., India.



<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Griffin, Miss A. N. ....	May 1919.	
Grindley, William .....	June 1898 ..	H. G., 6 Fulwell Park, Liverpool.
*Grinham, F. B. ....	Oct. 1916 ..	Hort. Off., I.W.G.C., Rue Moulin, Masclet, Bethune, P. de C., France.
Groombridge, Amos ....	April 1889 ..	Supt., Open Spaces, Shoreditch Borough Council.
*Grout, G. ....	July 1920 ..	Chisime Estate, Fort Jameson, Rhodesia
Grundy, R. ....	Jan. 1906 ..	Propagator, Parks Dept., Swansea.
*Gullick, W. F. ....	July 1898 ..	N., Wilton Rd. Nursery, Salisbury.
Gulvin, Miss Annie M. ....	See Mrs. Turner.	
*Gunnell, Miss Edna M. ....	Sept. 1901 ..	Hort. Inst., 1 Richmond Road, Exeter.
Gunthorpe, Walter C. ....	Feb. 1888 ..	H.G., Gt. Meadow, Castletown, Isle of Man
Guttridge, James J. ....	April 1891 ..	Chief S. & C. of Pks. & Gdns., Liverpool
*Hackett, W. ....	May 1906 ..	Asst. C., Bot. Gdns., Liverpool.
*Haga, K. ....	Mar. 1906 ..	D. of Hort., Experimental Station, Formosa
*Hales, William, A.L.S. ....	Aug. 1899 ..	C., Physic Garden, Chelsea, S.W. 3.
*Halkerston, D. ....	Feb. 1918 ..	Messrs. Carter & Co., Raynes Pk., S.W.
*Halkerston, Mrs. D. ....	Oct. 1918 ..	10 Deerpark Drive, Warwick.
(Kermode).		
*Hall, F. W. ....	April 1920 ..	Asst. Dept. of Agric., Kampala, Uganda.
Hall, John A. ....	Sept. 1883 ..	H. G., Shipplake Court, Henley-on-Thames
*Halliburton, J. D. ....	Nov. 1905 ..	Supt., Victoria Park, Bath.
Halvey, Joseph ....	April 1886.	
Hammarberg, Lars M. ....	May 1896 ..	Götgatan 111, Stockholm, Sweden.
*Hanley, Thomas ....	Nov. 1885 ..	Washington, D.C., U.S.A.
*Hansen, C. Bekker ....	Aug. 1916 ..	c/o Société du Nadal, Quelimone, Portuguese E. Africa.
*Hansen, Julius ....	Sept. 1887 ..	N., Pinneberg, near Hamburg.
Hansen, M. ....	April 1911.	
*Harcourt, F. G. ....	July 1920 ..	Agric. Supt., Antigua, Leeward Is., B.W.I.
Hardie, A. ....	Feb. 1909 ..	Supt., Lawrence Gdns., Lahore, India.
Harding, C. ....	Mar. 1907 ..	Sec., N.H.W., 1 Wellington Place, St. John's Wood, N.W. 8.
*Hardy, William B. ....	April 1894 ..	Blackbridge, Lower Hutt, Wellington, N.Z.
Harper, Miss E. M. ....	April 1920 ..	22 Mortlake Road, Kew.
Harper, Miss K. M. ....	See Mrs. Bintner.	
Harris, Arthur ....	July 1884.	
Harris, C. H. ....	May 1912 ..	H. G., Wigmore Park, Capel, Surrey.
*Harris, George ....	May 1874 ..	Pilton Gdns, Westerhope, Newcastle-on-T.
*Harris, Jas. E. ....	Dec. 1899 ..	N., Blackpill Nurseries, Swansea.
Harris, Thomas J. ....	Sept. 1896 ..	Upper Norwood.
*Harrow, Robert L. ....	Jan. 1893 ..	H. G., Royal Bot. Gardens, Edinburgh.
Harrow, William ....	June 1885.	
Hart, Miss R. ....	Dec. 1917 ..	Woodside, Howth, Ireland.
Hartland, James ....	Dec. 1880 ..	The Brinton Park, Kidderminster.
*Hartless, Amos C. ....	Mar. 1889 ..	42 Gap Rd., Wimbledon, S.W. 19.
*Hartless, A. J. ....	June 1905 ..	H. G., King's Walden Bury, Hitchin, Herts.
Hartman, Carl W. ....	April 1887.	
*Harvey, Miss V. M. H. ....	Dec. 1917 ..	Colets Well Cottage, Orford, Kent.
*Harwood, A. ....	Jan. 1903 ..	The Gardens, Town Thorns, Rugby.
Haskings, John ....	Mar. 1901 ..	India.
*Haspels, D. ....	Oct. 1916 ..	Villa de Wychert, Nymegen, Holland.
*Hatfield, Theoph. D. ....	April 1878 ..	H. G., Wellesley, Mass., U.S.A.
*Hauser, E. ....	Oct. 1913 ..	c/o Messrs. Sander & Sons, Bruges.
Hawley, Miss D. M. ....	Aug. 1916 ..	Leicester Grange, Hinckley, Leicester.
Haydon, Walter. ....	Mar. 1894.	
*Hayes, R. R., M.C. ....	Aug. 1916 ..	Lowfield, Ambleside, Cumberland.
*Hazel, C. ....	Nov. 1919 ..	Asst. Agric. Officer, Kampala, Uganda.
*Head, W. ....	Aug. 1906 ..	Supt., Taj & Govt. Gardens, Agra, India
Heald, Ernest. ....	April 1900 ..	Box 806, Medicine Hat, Alberta, Canada.
Heath, F. A. ....	Mar. 1901 ..	Ross Rd. Lodge, Grangewood, S. Norwood.
*Hecke, George Heinrich ....	Aug. 1890 ..	Director of State Dept. Agric., California.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Hemming, Ernest . . . . .	May 1891 ..	Editor, 'The National Nurseryman, Flourtown, Montgomery Co., Pa., U.S.A.
Hemsley, Dr. W. B., V.M.H., LL.D., F.R.S., F.L.S.	Dec. 1908 ..	12 Osborne Road, Broadstairs.
Henderson, Henry . . . . .	May 1904 ..	H. G., Highgrove, Doughton, Tetbury, [Wilts.
Henry, John M. . . . .	April 1867 ..	N., Hartley Row, Winchfield, Hants.
Hibbins, W. R. . . . .	Oct. 1916 ..	22 Ramworth Road, Wisbech.
Hiett, E. P. . . . .	Mar. 1913 ..	Yew Tree Cott., Pensford, Bristol.
Higgie, William . . . . .	Nov. 1865 ..	Gilling, Yorkshire.
Higgott, O. F. A. . . . .	Mar. 1919 ..	
Hillier, G. . . . .	Nov. 1915 ..	Asst. Editor, 'The Garden,' 20 Tavistock Street, Covent Garden, W.C.2.
Hislop, Alexander . . . . .	June 1902 ..	P.O. Box 400, Pietermaritzburg, S. Africa.
*Hoad, W. G. . . . .	Oct. 1905.	
Hobbs, Cecil . . . . .	Jan. 1909.	
*Holden, A. . . . .	May 1914.	
*Holley, Henry . . . . .	May 1898 ..	C., Queenstown Gdns., Cape Colony.
Holtom, F. . . . .	Mar. 1907 ..	Canada.
Hopkins, James . . . . .	Nov. 1870 ..	H. G., High Cross, Framfield, Sussex.
Horsfall, James H. . . . .	Sept. 1883 ..	c/o J. Mortiss, Esq., Gt. Thorn Street, Paddington, N.S.W.
*Horton, Ernest . . . . .	May 1901 ..	M., Bees Ltd., Mill Street, Liverpool.
*Horton, O. . . . .	Feb. 1903 ..	H. G., Calderstone Estate, Liverpool.
*Hosking, Albert . . . . .	June 1894 ..	Supt., J. Innes Hort. Inst., Merton Pk., S.W. 19.
Housego, Maurice . . . . .	May 1902 ..	68 Abingdon Villas, Kensington, W. 8.
Houten, A. W. van der . . . . .	Aug. 1919 ..	c/o Municipal Gdns., Cape Town, S.A.
Howlett, Charles . . . . .	Nov. 1894 ..	M., Schaapkraal Nurs., Yarkastad, S.A.
Hubbard, George . . . . .	April 1892.	
Hughes, A. . . . .	Oct. 1904 ..	F., c/o Messrs. Wallace, The Old Gdns., Tunbridge Wells.
Hughes, E. A. . . . .	Jan. 1921 ..	Supt., Govt. Gdns., Lahore, India.
Hume-Spry, Miss P. C.	See Mrs. Trench.	
*Humphreys, Thomas . . . . .	Dec. 1892 ..	Curator, Bot. Gardens, Birmingham.
*Humphries, Charles H. . . . .	April 1895 ..	Nursery Cottage, Bilford Lane, Bas- bourne, Worcester.
Hunt, Robert . . . . .	Nov. 1897 ..	Bot. Scheme Offices, Avery Hill, S.E.9.
*Hunter, T. . . . .	Oct. 1911 ..	Supt., Agric. Dept., Gold Coast.
*Hunter, W. G. . . . .	May 1920 ..	Nulange Estate, Jinja, P.O. Uganda.
*Hutchings, Miss A. . . . .	Jan. 1917 ..	c/o Mrs. Ball, Broadley's Cott., Denbigh, N. Wales.
Hutchings, Miss Alice.	See Mrs. Patterson.	
Hutchings, William H. . . . .	June 1916.	c/o Hutchinson & Co., Land. Arch., Dansville, Illinois, U.S.A.
Hutchinson, H. . . . .	Mar. 1913 ..	
*Illman, G. F. . . . .	Sept. 1912 ..	Uganda Representative to Lord Dewar, Imperial Hotel, Kampala, Uganda.
*Ing, W. J. . . . .	July 1905 ..	F., Home Park, Hampton Court, Middx.
*Ingleby, Fred. J. . . . .	Feb. 1891 ..	St. George's Group, Neboda, Ceylon.
Jackson, P. C. E. . . . .	April 1915 ..	Samaluja Est., c/o P.O., Masaka, Uganda.
Jackson, Robert M. . . . .	Oct. 1893 ..	F., Glynllivon Park, Carnarvon.
Jackson, T. . . . .	July 1905 ..	Agric. Supt., Bot. Sta., St. Vincent, B.W.I
Jacobs, Miss A. . . . .	Feb. 1918 ..	19 Pagoda Avenue, Richmond, Surrey.
James, J. . . . .	May 1913 ..	2 Bangor Rd., Brentford.
Jannoeh, Theodore . . . . .	Mar. 1874 ..	N., Dersingham, Norfolk.
*Jarrett, J. C. . . . .	April 1913 ..	Bradford, Victoria Av., Wellington, Salop.
Jeffery, John . . . . .	Mar. 1902 ..	H. G., Idlerocks, near Stone, Staffs.
*Jeffrey, J. F. . . . .	Jan. 1894 ..	2 Redcroft Cottages, Redhill, Wrington, Somerset.
Jelinek, B. . . . .	June 1912 ..	Institution, "Svetla," Gross Meriritsh, Moravia (Austria).

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Jennings, A. J. ....	Mar. 1912 ..	Pfund Nursery Co., 8 East Huron Chicago, Illinois, U.S.A.
*Jennings, W. J. ....	Sept. 1898 ..	H. G., Napsbury Asylum, St. Albans.
*Jensen, L. ....	May 1908 ..	N., Tralfagar Stores, Tenby, Pembroshire.
Jesson, Miss E. M. <i>See</i>	Mrs. Cotton.	
Jirásek, H. ....	Jan. 1912 ..	Jardin des Plantes, Paris.
Johns, W. H. ....	Oct. 1909 ..	Supt., Public Gardens, Bermondsey S.E. 1.
*Johnson, G. C. ....	Oct. 1914 ..	Hort. Inst., University of Leeds.
*Johnson, J. T. ....	Oct. 1904 ..	Applegarth, Rangam P.O., Naini District, India.
*Johnson, W. H., F.L.S. .	Jan. 1898 ..	2 Beaconsfield Villas, Brighton.
Jones, Charles S. ....	Dec. 1893 ..	H. G., Oxford Lodge, Wimbledon Comm.
Jones, F. A. ....	Sept. 1909.	
Jones, George. ....	Feb. 1892 ..	Horticultural Instructor, Grays, Essex.
*Jones, J. Dyfri. ....	June 1900 ..	H. G., Bournville Estate, Birmingham.
*Jones, Joseph. ....	Feb. 1892 ..	Curator, Bot. Station, Dominica, B.W.I.
Jones, Thomas. ....	Sept. 1896 ..	340 Kew Road, Kew, Surrey.
Jonssen-Rose, N. ....	Sept. 1888 ..	New York.
Jonsson, J. F. ....	June 1909.	
*Jorgenson, C. L. ....	May 1868 ..	H. G., Hardenberg, Saxejőbing, Denmark.
*Joshua, Miss L. ....	Oct. 1918.	F., Horticultural Coll., Swanley, Kent.
Joyce, Randall. ....	April 1910 ..	Peckham Rye Park, East Dulwich, S.E. 22.
Joyce, R. J. ....	April 1908 ..	King's Acre Nurseries, Hereford.
*Juil, T. ....	June 1917 ..	Bregentved, Haslev Station, Denmark.
*Judd, W. H. ....	July 1913 ..	Arn. Arb., & 26 St. Rose St., Jamaica Plain, Mass., U.S.A.
Junod, Samuel. ....	Dec. 1896.	
Karrer, S. ....	Aug. 1902 ..	Bellingstr. 13/11 Erfurt, Germany.
Kemp, Ernest. ....	July 1898.	
*Kempshall, Henry. ....	Nov. 1889 ..	H. G., Abbotsbury Castle, Dorchester.
Kennan, James. ....	Jan. 1896.	
*Kermode, Miss D. <i>See</i>	Mrs. Halkerston.	
*Kett, R., M.M. ....	May 1908.	
Key, E. ....	Jan. 1905 ..	H.G., Clayton Holt, Hassocks, Sussex.
*Keys, A. ....	July 1919 ..	Asst. C., Bot. Gdns., Dominica, W. Indie
Kidd, Mrs. Franklin (Owen)	Sept. 1918 ..	54 De Treville Avenue, Cambridge.
Kidd, H. H. ....	April 1909 ..	C., Bot. Gardens, Pietermaritzb., Natal.
Kidd, William D. ....	Mar. 1889.	
Kidley, A. W. ....	Feb. 1907 ..	H. G., Dan-y-Bryn, Radyr, Cardiff.
*Kidwell, John. ....	Mar. 1871 ..	Honolulu, Hawaiian Islands.
Kilburn, Jabez A. ....	July 1890.	
Killick, E. H. ....	Mar. 1923 ..	Craig-ny-don, 1A Minaret Rd., Catford S.E.
Kime, Arthur. ....	Feb. 1889 ..	N. & F., Stopsley Nursery, nr. Luton.
King, A. G. ....	June 1912.	
*King, H. G. ....	July 1909 ..	109 Copleston Road, Peckham, S.E. 15.
Kinmont, D. B. ....	Feb. 1911 ..	5 Cuthbert Rd., Westgate-on-Sea.
Klaaborg, H. J. ....	Sept. 1913 ..	Gartneriet Langdallund, Kolding, Denmark
Klein, F. A. ....	Feb. 1908 ..	24 Osterholz Tenever, Post Hemelinger Bremen.
*Koeppel, P. ....	Mar. 1904 ..	Ronsdorf a/ Rhein, Germany.
*Krumbiegel, Gustav H. .	Mar. 1893.	
Kundig, J. ....	June 1914 ..	Bot. Gds., Philadelphia, U.S.A.
*Lamb, George. ....	Nov. 1891 ..	M. G., "Memleket," Hextable, Kent.
*Lambert, J. ....	June 1907 ..	H. G., B. G., Philadelphia, Pa., U.S.A.
Lambourne, George H. . .	April 1877.	

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Lambourne, J. ....	Mar. 1912 ..	Supt., Gov. Pltns., Teluh Anson, F.M.S.
Landau, Miss M. ....	July 1919 ..	Przejazd, 36 Lodz, Poland.
Lane, George T. ....	Feb. 1891 ..	Curator, Royal Bot. Gardens, Calcutta.
Lang, Wilhelm .....	Mar. 1884 ..	Germany.
Lange, Axel .....	July 1896 ..	Curator, Bot. Gardens, Copenhagen.
Lange, Jacob E. ....	Dec. 1886 ..	Dalum Landbrugsskole, Odense, Denmark.
Larsen, Hermann .....	Mar. 1898 ..	Assistente Kirkegaard, Copenhagen.
Lassman, A. ....	April 1904.	
Lassoe, T. V. ....	Oct. 1913 ..	c/o Mr. E. F. Hawes, Fortune Green, N.W. 6.
Latten, W. A. ....	Mar. 1922.	
Lavender, W. L. ....	Mar. 1901 ..	Carter's Seed Trial Grounds, Raynes Park, Surrey.
Lawford, Miss D. M.	<i>See</i> Mrs. Tamplin.	
Lawton, Charles P. ....	Sept. 1896.	
Lazenby, F. ....	Jan. 1900 ..	H.G., Meadow Farm, Walpole, N.H., U.S.A.
Leach, R. O. ....	Sept. 1909 ..	British Columbia.
Lebrun, B. ....	Mar. 1880 ..	c/o A. Lebrun, Dinant, Belgium.
Lee, Henry Rowland ..	Sept. 1880 ..	Santa Monica, California, U.S.A.
Leigh, F. G. R. ....	May 1894 ..	Lagos, W. Africa.
*Leighton, James .....	Nov. 1880 ..	N., Victoria Gardens, King Williamstown.
*Leslie, J. Erskine .....	Feb. 1902 ..	Supt., Pub. Gdns., Nagpur, C.P., India.
*Leslie, William .....	Jan. 1899 ..	Harristown, Toowoomba, Queensland.
Lesser, Paul .....	Nov. 1892 ..	N., Beddington Hse. Nur., Beddington, Surrey.
*Lévêque, L. Jean .....	Dec. 1898.	
Liden, Otto .....	April 1886 ..	57 Hancock St., Brooklyn, N.Y., U.S.A.
*Lines, Miss L. J. ....	Aug. 1920 ..	28 Queen's Road, Richmond, Surrey.
*Liney, Henry .....	July 1877. ....	
*Linney, Albert .....	June 1894.	
*Lister, Henry .....	Feb. 1876 ..	H. G., Easton Lodge, Dunmow.
Little, C. A. ....	June 1910 ..	Waiwera, New Zealand.
*Little, E. ....	Nov. 1905 ..	Supt., Govt. Gardens, Poona, India.
*Little, Lt.-Col. W. B., D.S.O., M.C.	July 1908 ..	c/o Messrs. Holt & Co., Army Agents, 144 Charing Cross Rd., London, W.C. 2.
*Lloyd, H. B. ....	Mar. 1898 ..	Kelowna, Okanagan Dist., B. Columbia.
*Locke, R. H. ....	July 1904 ..	Supt., Govt. Gdns., Delhi, India.
*Lodge, J. ....	May 1905 ..	H. G., 71 Linden Rd., Bournville, B'ham.
*Logsdail, A. J., B.S.A. ....	July 1907 ..	Div. of Hort., Cent. Expt. Farm, Ottawa, Canada.
*Long, Ernest .....	Nov. 1902 ..	Supt., Govt. Gdns, Simla, India.
*Long, F. R. ....	April 1908 ..	Yanah Mas, Addo, Cape Province, S. Africa.
*Longfoot, William ....	Feb. 1877 ..	Dean Bridge, Holmfirth, Huddersfield.
Longmire, F. J. ....	June 1906 ..	22 Christchurch Rd., East Sheen, S.W.14.
Ludewig, Max .....	Sept. 1897.	
*Luja, Edward .....	July 1898 ..	c/o Mr. Guimaraes, Agnete Consular Belga, Rue Cocantins, 218, Bello- Horizonte, Minas, Brazil.
*Lynch, R.I., M.A., V.M.H., A.L.S.	July 1879 ..	Granta, Upper Walnut Rd., Chelston, Torquay.
*Lynch, R. S. ....	Aug. 1914 ..	Hort. Officer, Imp. W. G. Com., Camp Anglais, Albert, Somme, France.
*MacGregor, D. ....	Jan. 1904 ..	Supt., Parks & Gdns., Shanghai, China.
MacGregor, J. ....	Sept. 1874 ..	The Cottage, Little Brook, N. Holmwood, Surrey.
*Macintyre, Miss M. ....	Aug. 1916 ..	Mackenzie Lodge, Fortrose, Ross-shire.
Mack, F. C. ....	Feb. 1904 ..	12 Sand Street, Woolwich.
Mackay, A. ....	July 1904 ..	H. G., Duke of York Schools, Dover.
Mackay, John .....	Jan. 1901 ..	The Hill, Wormley, Surrey.
*MacLaggan, W. ....	Mar. 1907 ..	Glenalmond, Buchanty, by Perth.
*Maclean, D. ....	May 1904 ..	Queen Victoria Pk., Niagara Falls, Ontario.
*Macmillan, H. F. ....	June 1895 ..	Supt., Bot. Gds., Dept. of Agric., Ceylon.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
*Madan, Miss H. P.	See Mrs. Wood.	
*Main, T. W. ....	Feb. 1906 ..	H. G., Tregenna Castle Hotel, St. I Cornwall.
*Maitland, T. D. ....	Jan. 1910 ..	Botanist, Agric. Dept., Kampala, Ugan
Mallett, George B. ....	Feb. 1897 ..	N., Cheddar, Somerset.
Mallinson, J. ....	Aug. 1902 ..	c/o J. Roehrs, Rutherford, N. J., U.S.
Manning, William. ....	Sept. 1871 ..	23 Rutland Road, Perry Hill, S.E. 6.
Marchant, G. H. ....	Nov. 1884.	
Mark, Frank M. ....	Nov. 1898 ..	58 Selly Oak Rd., Bournville, Birmingha
Markham, Charles H. ..	Mar. 1891.	
Marks, J. T. ....	July 1900 ..	H.G., Hampstead Garden Suburb Tru 18 Corringway, Hendon, N.W. 4.
Maron, Charles ....	April 1876 ..	N., 3 Rue de Monegeron, Brunoy (Sein et-Oise), France.
*Marriott, W. E. ....	July 1904 ..	P.O. Box 1598, Durban, S. Africa.
Marshall, William. ....	Feb. 1892.	
Marshall, A. ....	Dec. 1922 ..	Roath Park, Cardiff.
Martin, Georges. ....	May 1903.	
Martin, T. H. ....	April 1898 ..	H. G., Highwoods, Burghfield, Mortim Berks.
*Mash, Miss J. ....	Jan. 1919 ..	1819 Albert Street, Regina, Sask., Canad
*Mason, Mrs. E. L. ....	Feb. 1918 ..	Belswardyne, Wextown, New Plymouth New Zealand.
Mason, H. T. ....	Mar. 1911.	
Mason, Robert E. ....	June 1922 ..	N., Univ. of Bristol Research Statio Long Aston, Bristol.
*Massott, L. ....	Nov. 1905 ..	Chene Bourg, Geneva.
*Mathews, J. W. ....	May 1895 ..	C., N. B.G., Kirstenbosch, Cape Tow S.A.
Mathews, C. ....	Aug. 1920 ..	Kumaon Gov. Gdns., Jeolikote, U. Prov India.
Matley, A. L. ....	July 1901.	
Matthews, E. ....	May 1904 ..	6202 Chew St., Philadelphia, Pa., U.S.A
Matthews, George. ....	Mar. 1883.	H. G., Courtlands, Hurst Pk., E. Molesey
Mawer, E. E. ....	Feb. 1910 ..	Supt., Govt. Gdns., Cawnpur, India.
Maxted, Miss M. ....	April 1919 ..	La Rochelle, Guernsey.
Mayhew, C.W. ....	April 1908 ..	Hort. Inst., 66 Lovaine Place, Newcastle on-Tyne.
*Maynard, A. W. ....	April 1914 ..	F., Hamilton Park, Bloemfontein, S.A.
*McAllister, W. ....	Feb. 1902 ..	29 Southern Road, Basingstoke.
McFarlane, J. ....	Sept. 1909.	
McGregor, D. ....	Oct. 1907 ..	H. G., Craig-y-parc, Pentyrch, Cardiff.
*McGregor, James ....	April 1869 ..	N., Braintree, Mass., U.S.A.
McHardy, William ....	April 1886 ..	Norseman, W. Australia.
*McIver, D. G. ....	Dec. 1905 ..	13 Lawn Road, Doncaster.
*McKiernan, Michael P. ..	Mar. 1874.	
McKinlay, D. T. ....	Jan. 1911 ..	2 A Roman Road, Barnsbury, N. 7.
McNab, J. ....	Sept. 1911 ..	6 Queen's Road, Bowes Park, N. 4.
*McNeill, Murdo. ....	May 1899 ..	Kiloran Gdns., Isle of Colonsay, Argyll- shire.
Mearns, Robert ....	April 1870 ..	N., 201 Close Avenue, Toronto, Canada.
*Meckwitz, Otto ....	Nov. 1884 ..	George Bährstr. 14, Dresden, Saxony.
Meili, K. ....	Oct. 1916 ..	St. Karlstr 34, Lucerne, Switzerland.
Mein, G. W. ....	Oct. 1914 ..	c o Lyons, 49 Kenway Rd., Kensington, S.W. 5.
*Meldrum, William. ....	Sept. 1893 ..	Borghat Tea Estate, Salonah P.O., Nowgong, Assam, India.
*Melles, A. B. ....	Nov. 1915 ..	Hort. Officer, Imp. War Graves Com., A.P.O., S. 107, Poporinghe, Belgium.
Memmler, H. ....	Oct. 1912 ..	Berlin-Steglitz, Albrechstr., 115.
*Ménissier, Auguste ....	Dec. 1899 ..	Vilmorin-Andrieux & Co., Verrières le Buisson, Seine-et-Oise, France.
*Mentzel, R. R. ....	May 1895 ..	Jessievale Ry. Plantation, P.O. Vosomars- beacon, Transvaal.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Merigeon, Marie . . . . .	Feb. 1893 . .	4 Rue de l'Observatoire, Paris.
Merryweather, Miss M. E.	<i>See Mrs. Suckling.</i>	
Meyer, P. A. . . . .	Nov. 1903 . .	c/o R. Veitch & Son, Exeter.
Meyer, W. . . . .	Mar. 1909 . .	Herford i./W., 5 Brüderstrasse, Germany.
Middleton, C. H. . . . .	Mar. 1908 . .	Foxhall, Baker Street, Enfield.
Milburn, John . . . . .	Mar. 1887 . .	N., Victoria Nursery, Bath.
Miles, A. C. . . . .	Jan. 1909 . .	Agric. Station, Yarquah, Gold Coast, Col.
Miles, Sergt. S. H. . . . .	Dec. 1916 . .	3rd Batt. K.R.R., Military Grass Farm, Bolarum, Secunderabad, India.
Miles, John W. . . . .	June 1896 . .	S. & F., Floral Hall, Church Road, Burgess Hill, Sussex.
Miller, Edward . . . . .	Dec. 1901.	H. G., Crow Clump, St. George's Hill, Weybridge, Surrey.
*Mills, George . . . . .	Mar. 1900 . .	Supt., Bracken Av., Takapuna, Auckland, N.Z.
Milne, David . . . . .	Mar. 1894.	
*Milne, Robert W. . . . .	Feb. 1885.	
Milner, William . . . . .	May 1874 . .	N., Southend, Essex.
*Milsum, J. N. . . . .	Sept. 1913 . .	Asst. Agric., Dept. of Agric., Kuala Lumpur, F.M.S.
*Mische, E. J. . . . .	Nov. 1897 . .	Portland, Oregon, U.S.A.
Mitchell, W. . . . .	Jan. 1922 . .	H. G., Oare House, Marlborough.
*Moe, Elias . . . . .	Feb. 1887 . .	Curator, Bot. Gdns., Christiania.
Möller, A. E. . . . .	May 1909 . .	Allustrasse 56, Remscheid, Germany.
*Moncousin, Leon . . . . .	Oct. 1891 . .	finca "Ascunson" Osuna, Guatemala, Cent. America.
*Moore, H. J. . . . .	Aug. 1907 . .	Forester, Dept. of Public Highways, Ontario, Canada.
Moosman, E. . . . .	April 1907.	
*Morgan, Mrs. R. M. (Williams).	July 1921 . .	The Rectory, Panteg, Monmouthshire.
*Morgenroth, Max . . . . .	Sept. 1899 . .	Kettenbrückstrasse 2, Bamberg, Bavaria.
*Morland, Eleanor. <i>See Mrs. Shewell.</i>		
*Morris, Sir Daniel, K.C.M.G., M.A., D.Sc., F.L.S.	Aug. 1898 . .	14 Crabton Close, Boscombe, Hants.
*Mould, Capt. G. B. . . . .	Jan. 1915 . .	53rd Sikhs, c/o Grindlay & Co., 54 Parlia- ment Street, S.W. 1.
Mugford, William . . . . .	Aug. 1887 . .	Queensland.
Muraoka, R. . . . .	Oct. 1918 . .	Nippen Club, 161 West 93rd St., N.Y.
Murphy, J. . . . .	Mar. 1904 . .	H.G., Huntington Cast., Clonegal, Ireland.
*Murray, J. G., F.L.S. . . . .	Aug. 1904 . .	Educ. Offices, 286 High Street, Lincoln.
Mustoe, W. R. . . . .	Nov. 1905 . .	Supt., Arb. & Hort. Divisions, P.W.D., Delhi, India.
Nash, Miss O. . . . .	Dec. 1917 . .	Sonamarg, Great Missenden, Bucks.
Nash, William H. . . . .	Nov. 1888.	
*Navel, Henri . . . . .	Mar. 1902 . .	Jardin Bot., Escola Polytechnica, Lisbon.
Negus, Ernest E. . . . .	Oct. 1896 . .	31 Minster Street, Reading.
Neil, Samuel . . . . .	Mar. 1872 . .	Washington St., Dorchester, Mass., U.S.A.
Netley, Alfred . . . . .	Aug. 1879.	
Neville, G. . . . .	Mar. 1913 . .	c/o Mrs. Wright, Delemere, Ainsworth Street, Leichardt, Sydney, Australia.
*Newberry, W. J. . . . .	Mar. 1903 . .	Supt., Pks. Dept., Pietermaritzburg, Natal.
*Newell, W. . . . .	Mar. 1907 . .	2607 Stevens St., Madison, Wise, U.S.A.
Newman, F. A. . . . .	Aug. 1916.	
*Newsham, John C., F.L.S.	June 1896 . .	Principal, New Farm Inst., Usk, Mon.
Nicholls, Mathew . . . . .	May 1897 . .	H. G., St. Clere, Kemsing, Sevenoaks.
Nichoff, J. . . . .	Feb. 1905 . .	H. G., Kortlinghausen, (C. Warstein), Ger.
Nielsen, J. J. E. Berner- Nitsch, R. . . . .	Dec. 1906 . .	Denmark.
Nitsch, R. . . . .	Sept. 1914.	
*Nock, J. J. . . . .	July 1911 . .	Curator, Botanic Garden, Hakgala, Ceylon.
*Nock, William . . . . .	Feb. 1874 . .	Glenthorpe, West Hagley, Stourbridge.
Nolan, Patrick J. . . . .	Aug. 1892 . .	Henderson's Nursery, Jersey City, U.S.A.
Norman, H. P. . . . .	Dec. 1912 . .	Supt. of Pks., Grove Pk., Weston-s.-Mare.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Normanton, S. J. ....	May 1913 ..	Tuel Lane Nurseries, Sowerby Bridge.
North, W. V. ....	Nov. 1912 ..	Act. C., Lloyd Bot. G. Darjeeling, Indi
O'Brien, Mrs. C. P. (Rolfe)	April 1921 ..	Castor, Alberta, Canada.
Ogle, A. ....	May 1907.	
*Okami, Y. ....	Feb. 1913 ..	85 Sarumachi, Shirokane, Shiba, Tokio
*Oldham, C. H. ....	May 1910 ..	Ivydene, Chandler's Ford, Southampton
*Oliver, Alfred E. ....	June 1902 ..	c/o Supt. of Cemeteries, Allerton, L'po
Oliver, D. T., M.A., LL.B.	Mar. 1888 ..	31 Dennington Park Road, Hampstead.
Oliver, G. H. ....	Dec. 1912 ..	4 Hylton Road, Allerton, Liverpool.
Oliver, T. ....	Oct. 1908.	N., Moniaive, Dumfriesshire.
Olver, William ....	July 1879 ..	H. G., Rothamsted, Harpenden.
O'Mahony, William ....	Oct. 1880 ..	194 Avenue de la Californie, Nice, A.M France.
O'Reilly, Miss M. C.	<i>See Mrs. Peeters.</i>	
*Osborne, P. V. ....	Aug. 1913 ..	Asst. Curator Gdns. in Calcutta, India.
Otto, Miss E. ....	Mar. 1919 ..	14 Wellesley Road, Gunnersbury, W. 4.
Owen, Miss M. Nest.	<i>See Mrs. Franklin Kidd.</i>	
Page, W. ....	July 1903 ..	H. G., Chardwar, Bourton-on-Water, Glo
*Paine, W. H. ....	Oct. 1905 ..	M., Animal Fds. Dept., Metropolitan Mes Industry Bd., Homebush Bay, N.S.W Germany.
Papsdorf, P. ....	Dec. 1907 ..	
Parker, John ....	July 1893.	
Parnell, John W. J. ....	Nov. 1887.	c/o Messrs. Carter, Page & Co., Fores Hill, S.E. 23.
Parnell, Nathan ....	Aug. 1883.	
Parrot, Miss P. ....	Sept. 1919 ..	Rosslyn, Worcester Street, Stourbridge Worcs.
*Parsons, T. H. ....	Nov. 1913 ..	C., Roy. Bot. Gard., Peradeniya, Ceylon.
Patterson, Robert ....	Mar. 1875.	
*Patterson, William H. ..	Aug. 1901 ..	Govt. Entomologist, Gold Coast.
*Patterson, Mrs. W. H.	Sept. 1900 ..	Gold Coast.
(Hutchings).		
Peacock, Rev. H. D. ....	Sept. 1904 ..	St. Stephen's Rectory, Windsor, Ontario Canada.
Pearce, T. G. ....	Aug. 1918 ..	Melrose, Grove Park Rd., Chiswick, W. 4.
Peeters, Mrs. M. C.	April 1920 ..	8/3 London Street, Calcutta, India.
(O'Reilly).		
Penn, Charles ....	Nov. 1890 ..	Rise House, Sunningdale, Berks.
*Pertwee, William W. ..	Nov. 1895 ..	N., The Oriel, Barnham Junction, Sussex.
Petersen, Valdemar ....	Feb. 1892 ..	Feldheim, Wimbledon Common.
Petrie, John ....	Jan. 1882.	
*Pettigrew, Andrew A. ..	May 1900 ..	Supt. of Parks, Cardiff.
*Pettigrew, Hugh A. ....	July 1893 ..	Estate Office, St. Fagan's Castle, Cardiff.
*Pettigrew, William W. ..	Mar. 1890 ..	Supt. of Parks, &c., Manchester.
Philp, F. J. ....	Feb. 1888 ..	12 Burton Street, Brixham, S. Devon.
Phillips, James ....	April 1881 ..	Ross Priory, Alexandria, N.B.
Phillips, M. M. ....	Mar. 1913 ..	Granton Rd. Nurseries, Edinburgh.
Philpot, G. T. ....	April 1920 ..	Assist. Dept. of Agric., Uganda.
Piret, Léandre J. ....	Mar. 1894 ..	F., Château du Rond-Chêne, Esneux, Liège.
Platten, R. J. ....	May 1922.	
Plumb, Charles ....	Sept. 1889 ..	Florist, Newland Av., Detroit, Mich., U.S.A.
Plummer, Herbert ....	Mar. 1894.	
*Poetsch, A. ....	Mar. 1903 ..	N., Brehna, S. Germany.
Pond, John. ....	Mar. 1880.	
Potter, Miss Florence M.	Aug. 1899 ..	43 Redburn St., Chelsea, S.W. 3.
Powell, H. Temple ....	July 1887 ..	Northumberland Nursery, Heath Rd., Twickenham.
Powell, Miss Ena M. ..	Sept. 1901 ..	c/o Miss Straker, 1 Reynolds Close, Hampstead Way, N. 4.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
rain, Sir David, I.M.S., C.M.G., F.R.S.	Mar. 1922	12 Heathfield Gardens, Putney Heath, S.W. 15.
rehn, Adolf H. ....	Aug. 1900.	
reston, F. G. ....	April 1909	Supt., Botanic Garden, Cambridge.
ring, G. H. ....	Feb. 1906	Missouri Bot. Gard., St. Louis, U.S.A.
ritchard, Edward ....	Mar. 1892	F., Eastwood Park, Falfield, Glos.
roudlock, A. W. ....	Sept. 1906.	45 Bateman Street, Cambridge.
roudlock, Robert L. . .	Dec. 1888	Dearhead, St. Brelade, Jersey, C.I.
urves, James M. ....	June 1900	Chief For. Off., Dept. of Agric., Zomba, Nyasaland.
yman, G. W. ....	June 1908	Hort. Inst., The Guildhall, Westminster.
ynaert, Léon ....	Feb. 1897	Congo State.
uelch, Miss Annie ....	Dec. 1902	All Saints Convent, St. Albans, Herts.
uinton, J. P. ....	May 1901	29 Sutherland Av., Maida Hill, W. 9.
ace, A. ....	Sept. 1906	Harewood Nurseries, Darlington.
astall, W. ....	April 1903	2 Cambridge Rd., Kew, Surrey.
ayner, Thomas C. ....	April 1897.	
Beardon, J. B. ....	Oct. 1915	C., Bot. Gard., Cambridge, Mass., U.S.A.
Recordon, Louis ....	Jan. 1901.	
Renton, J. ....	Dec. 1906	Supt., Provincial Nur., Essondale, B.C.
Ressenaar, W. J. J. ....	Feb. 1909	
Richards, George H. ....	Apr. 1877	234 Borough High St., S.E. 1.
Richardson, John ....	Mar. 1909	Asst. Supt., Parks Dept., Swansea.
Richardson, L. P. ....	May 1913	20 Valebrook Avenue, Sunderland.
Richli, E. ....	Mar. 1913	H. G., Villa Yatiana, Nyon, Switzerland.
Riches, John T. ....	Oct. 1876.	
Ridley, J. ....	Feb. 1913	Shanghai Sumatra Tobacco Coy., Tandjong Poera, Langkat, Sumatra.
Riebe, H. ....	Dec. 1906	c/o Berryhill Nurs., Harrisburg, Pa., U.S.A.
Robbie, Miss H. N. ....	June 1918	11 Dundonald Street, Edinburgh.
Roberts, A. ....	Mar. 1913	29 Lynton Rd., Bermondsey, S.E. 1.
Roberts, Mrs. N. J. (N. J. Watson).	Mar. 1922	Talisman, Outwood Common, Billericay, Essex.
Robertson, J. A. ....	Feb. 1923	John Innes Hort. Inst., Wimbledon.
Robbins, Jesse ....	April 1889	Florist, Carlisle, Pennsylvania, U.S.A.
Roberts, Walter ....	April 1880.	
Robertshaw, P. ....	Aug. 1922.	
Robshaw, Miss N. ....	<i>See Mrs. Winton Smith.</i>	
Robson, W. ....	Feb. 1905	Curator, Bot. Station, Montserrat, B.W.I.
Rodgers, John ....	Mar. 1884	U.S.A.
*Roehrs, R. L. ....	June 1910	N., Rutherford, N. J., U.S.A.
*Roekens, Francois ....	Mar. 1900	State Bot. Gdns., Brussels, Belgium.
*Rogers, F. M. ....	Oct. 1920	C. Amani Inst., Tanganyika Terr., Africa.
Rolfe, Miss D. M. ....	<i>See Mrs. O'Brien.</i>	
Rolfe, F. W. ....	Sept. 1910	Imperial Institute, S.W. 7.
Ross, Frank ....	Mar. 1883	32 Methley St., Kennington Pk. Rd., S.E. 1.
Roues, Walter ....	Aug. 1884	c/o Mr. Rothera, Burton Joyce, Notts.
Rowan, Miss H. ....	Dec. 1919	Oaklea, Silverdale, nr. Carnforth, Lancs.
Ruck, E. A. ....	Nov. 1920	Asst. Dist. Agri. Offi., Kampala, Uganda.
*Rudolf, Miss O. ....	Mar. 1922	61 Brondesbury Road, N.W. 6.
Ruse, Miss E. ....	Sept. 1919	Hill Farm, Radwinter, Saffron Walden, Essex.
Ruse, Harry ....	Aug. 1883	H. G., Brookfield, Crown Hill R.S.O., Devon.
*Ruse, L. F. ....	Feb. 1913	Govt. Gdns., Shillong, Assam, India.
Ruse, William J. ....	Oct. 1892	Florist, Church Street, Falmouth.
*Russell, P. T. ....	Jan. 1906	M., Cinchona Camp, c/o Favoy P.O., Lower Burma, India.
Russell, W. ....	Sept. 1877	N., Bensham, Gateshead.
*Rutter, Clement S. ....	Aug. 1902.	



<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
*Ryall, H. ....	Dec. 1913 ..	c/o Mr. Eades, Little River, Victoria, A
*Ryan, G. H. ....		c/o Herbarium, Kew.
*Ryan, G. M., F.L.S. ....		c/o Messrs. H. S. King & Co., 9 Pall M S. W. 1.
Salter, Joseph .....	April 1875 ..	Mt. Pleasant Rest H., Bromsgrove, W'sh
Salvage, B. H. ....	Feb. 1910.	
Sander, Francis J. ....	Mar. 1884 ..	Mont Capel, St. Owens, Jersey.
*Sander, Frederick K. ..	Feb. 1896 ..	Sander & Sons, Nurserymen, St. Alban
*Sanders, Harold .....	Nov. 1905 ..	c/o Mr. Buyes, Hoxfield, Woburn, Bea
Sandgren, Aug. ....	Sept. 1886 ..	Sweden.
*Sands, Wm. N., F.L.S. ...	June 1899 ..	Asst. Econ. Bot., Fed. Malay States.
Sargeant, T. ....	Oct. 1912 ..	Oak Cottage, Pirbright, Surrey.
Schade, P. W. L. ....	June 1911 ..	12a Rambergsweg, Quedlinburg, Harz, G
Schmidkunz, H. ....	June 1911 ..	1 Landshs. Reg. 3 Kamp. Trieste, Austi
Scholz, H. ....	Mar. 1903 ..	H. G., Zyrowa, O.S., Germany.
*Schön, J. ....	April 1910 ..	Martinez F.C.C.A., Caffé Pueyrredon Beruti, Rep. Argentine.
*Scott, D.H., M.A., Ph.D., F.R.S., F.L.S.	Sept. 1906 ..	East Oakley House, Basingstoke.
Scott, Frank .....	Aug. 1895 ..	U.S.A.
Scott, John .....	April 1909 ..	c/o Mr. T. Scott, Wark, Northumberlan
Scott, W. C. ....	Oct. 1922.	
Seaborne, R. ....	Oct. 1902 ..	H.G., Luscombe Castle, Dawlish, S. Dev
*Seers, F. W. ....	Oct. 1884.	
Selley, John T. ....	Feb. 1892.	
Seward, James .....	May 1879 ..	N., Fernhurst, Haslemere, Surrey.
*Sharp, William .....	April 1880 ..	Brooklands, La Couture, Guernsey.
*Sharp, William S. ....	Sept. 1897 ..	Hort. Inst., Shire Hall, Durham.
*Sharpe, H. B. ....	July 1913 ..	Asst. Dist. Commissioner, Kenya Colon
Sharps, J. ....	Dec. 1913 ..	Orford, Grafton County, N.H'pshire, U.S..
Shaw, Alexander .....	Mar. 1888 ..	H. G., Government House, Melbourne.
*Shewell, Mrs. (Morland).	April 1899 ..	West Heath H., Northfield, Birmingham
Shotton, George .....	Oct. 1886 ..	Felton, Northumberland.
*Sillitoe, F. S. ....	Mar. 1903 ..	Supt., Palace Gardens, Khartoum.
*Sim, Thomas R. ....	Jan. 1879 ..	168 Burger St., Pietermaritzburg, Nat
Simmons, J. ....	June 1903.	Parnham Gdns., Beaminster, Dorset.
*Simond R. ....	Sept. 1919 ..	Hospl., Cortailod, Neuchatel, Switzerlan
Simpson, R. ....	Dec. 1906 ..	Croxdale Village, Durham.
Simpson, R. G. ....	Jan. 1911 ..	H. G., Hillside, Irvington-on-Hudson N.Y., U.S.A.
Smartt, A. E. ....	May 1909 ..	H. G., Ounden, Sundridge, Kent.
*Smith, E. J. ....	Feb. 1920 ..	c/o P. W. D., Kampala, Uganda.
Smith, Fred. T. ....	Sept. 1891 ..	Bot. Dept., University College, W.C. 1.
Smith, Frederick W. ....	Feb. 1893 ..	H. G., Villa Mont Jolie, Cannes, A.-M., France.
*Smith, Herbert .....	Feb. 1889.	
Smith, James. ....	April 1869 ..	N. Plainfield, N. Jersey, U.S.A.
Smith, J. T. ....	Apr. 1911 ..	H. G., Duffryn, St. Nicholas, Cardiff.
Smith, Miss M. ....	July 1921 ..	49 Gloucester Road, Kew.
Smith, Mrs. Winton (Robshaw).	May 1919 ..	Chester, N.S., Canada.
*Smith, Rev. W. C. ....	June 1902 ..	St. John's Rectory, Cairns, N. Queensland
Smyth, William .....	Sept. 1887 ..	Wimbleton, S.W. 19.
*Snook, Charles H. ....	Mar. 1889 ..	H. G., West Hill, Shanklin, I. of W.
Snow, C. ....	Dec. 1903 ..	H. G., District Hospital, Auckland, N.Z.
*Snowden J. D. ....	Mar. 1911 ..	Dist. Agric. Officer, Kampala, Uganda.
Songer, Thomas B. ....	June 1879 ..	N., Astoria, Fulton County, Illinois.
Sparrow, J., M.M. ....	Nov. 1919 ..	Field Asst., Nairobi, B. E. Africa.
*Spooner, Herman .....	July 1901 ..	Imperial Institute, S. Kensington, S.W.7
Springs, A. C. G. ....	May 1903 ..	Asst. to Supt., Hyde Park, W. 2.
Staden, George W. ....	May 1890 ..	Brighton.
Stalker, Miss A. W. ....	Dec. 1918 ..	1 Walden Chambers, 70 High St., W. 1.
Stapf, Otto, Ph.D., F.R.S. F.L.S.	Mar. 1922 ..	80 Bushwood Road, Kew.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Starke, M. . . . .	Mar. 1905 . .	Schloss Cumberland, Gmunden, Austria.
Stayner, F. J., F.L.S. . . . .	Aug. 1903 . .	District Forest Officer, Pietermaritzburg (P. O. Box 385), Natal.
Stenning, H. . . . .	Nov. 1922 . .	F., Gunton Park, Norwich.
Stevens, Joseph . . . . .	June 1883 . .	H. G., Sidbury Manor, Sidbury.
Stewart, Alexander . . . . .	Oct. 1881 . .	The Nurseries, Goulbourn, N.S. Wales.
Stewart, W. W. . . . .	Aug. 1915 . .	351 Chestnut St., Pottstown, Pa., U.S.A.
Stirling, F. . . . .	Feb. 1908.	
*Stocks, J. . . . .	Mar. 1906.	Sunnyside, Lenham Hth, Maidstone, Kent.
Stone, A. W. . . . .	July 1911 . .	81 Oving Street, Chichester.
Stone, William H. . . . .	June 1872 . .	3 Woodfield Cottages, Torquay.
Strawson, Miss E. . . . .	Mar. 1919 . .	6 Rydal Road, Streatham, S.W. 16.
Stroud, E. G. . . . .	May 1907.	
Stuart, William . . . . .	Jan. 1900 . .	252 Union Grove, Aberdeen, N.B.
Stubbington, Miss E. M. . . . .	Sept. 1917 . .	Oaklands, North Havant.
Suckling, Mrs. M. E. (Merryweather). . . . .	Mar. 1916 . .	The Warren, Bentley Heath, Dorridge, Warwickshire.
*Sudell, R. . . . .	Mar. 1915 . .	61 Penrose St., Walworth Rd., S.E. 17.
*Summerfield, T. A. . . . .	Mar. 1902 . .	H. G., Alderley Park, Chelford, Cheshire.
*Swan, W. . . . .	Mar. 1904 . .	Gov. Exp. Farm, Wairangi, Auckland, New Zealand.
Swatton, A. . . . .	Mar. 1903 . .	H. G., Myddelton Ho., Waltham Cross.
*Syer, F. S. . . . .	May 1920 . .	c/o Imperial Hotel, Kampala, Uganda.
Symons, A. . . . .	June 1913.	Trevarno Gdns., Helston, Cornwall.
Tamplin, Mrs. G. H. (Lawford). . . . .	Oct. 1913 . .	5 Schubert Road, E. Putney, S.W. 15.
Tancott, John . . . . .	Mar. 1887 . .	H. G., Goderich, Ontario, Canada.
*Tannock, David . . . . .	Oct. 1898 . .	Supt., Public Gardens, Dunedin, N.Z.
Tassel, A. H. . . . .	Nov. 1907 . .	114 Eastworth Road, Chertsey.
Taylor, A. W. . . . .	Nov. 1922 . .	232 St. Ann's Road, S. Tottenham, N.
Taylor, Miss D. B. . . . .	See Mrs. Coates.	
Teasdale, Joseph J. . . . .	April 1902 . .	Brunstock, Carlisle.
*Thomas, Edward J., D.Litt. . . . .	Sept. 1895 . .	University Library, Cambridge.
Thomas, Ernest . . . . .	Feb. 1903 . .	c/o E. Matthews, Pa., U.S.A.
Thomas, E. K. . . . .	Mar. 1907 . .	c/o Rhode Island Hospital Trust Coy., Providence, Rhode Island, U.S.A.
*Thomas, H. . . . .	Feb. 1911 . .	Asst. M., Govt. Cinc. Plt., Munsong, Kalimpong, Bengal.
*Thomas, Harry H. . . . .	Feb. 1899 . .	Editor 'Popular Gardening'; and 97 The Avenue, West Ealing, W. 13.
*Thompson, J. A. . . . .	April 1905 . .	H. G., 1013 Fifth St., Catasquan, Penna, U.S.A.
*Thompson, William J. . . . .	July 1889 . .	1 Rosamund Rd., Bedford.
Thornton, A. J. . . . .	April 1922 . .	Asst. Bot. Dept., Hong Kong.
*Thorpe, William . . . . .	Nov. 1896.	
Tidy, A. W. . . . .	Mar. 1910 . .	H. G., Greathouse, Kington Langley, Chippenham.
*Tillson, Arthur G. . . . .	Sept. 1889 . .	Montere, Nelson, New Zealand.
Timmers, A. . . . .	May 1915 . .	64 First Av., Bush Hill Park, Enfield.
Tindall, H. B. A. . . . .	Dec. 1913 . .	25 Munition Cot., Holbrook Lane, Coventry.
Tinley, George F. . . . .	April 1899 . .	Editor, 'Gardeners' Chronicle'; and 20 Westminster Drive, Westcliff, Essex.
Topper, Jonathan . . . . .	Jan. 1883 . .	70 Etherley Rd., Wood Green, N. 15.
Trench, Mrs. P. C. (Hume-Spry) . . . . .	Jan. 1918 . .	Ashfield, Ballyriltar, Queen's Co., Ireland.
Trehear, Mrs. I. . . . .	Feb. 1919 . .	Brooklands, Kessingland Beach, Lowestoft.
*Tribble, Frederick C. . . . .	May 1896 . .	H. G., Rhinefield Lodge, nr. Brockenhurst, Hants.
Trinder, G. . . . .	June 1872 . .	N., Clarence Road, Fleet, Hants.
Troup, Mrs. A. (Yencken) . . . . .	April 1916 . .	Highweek, Newton Abbot, S. Devon.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Tuck, W. H. . . . .	May 1912 . .	The Laurels, Stokeferry, Norfolk.
Tunnington, F. . . . .	Mar. 1909 . .	Hort. Off., Walden House, Hunts.
Turner, A. . . . .	April 1910 . .	County Lecturer, Somerset.
Turner, Mrs. A.M. (Gulvin)	Dec. 1896 . .	The White House, Burstall, Ipswich.
Turner, Samuel . . . . .	Aug. 1897 . .	Chief Supt., Stamford Park, Stalybridge
*Turton, Thomas . . . . .	Dec. 1872 . .	Sherborne Castle, Dorset.
Tyrrell, H. . . . .	Feb. 1903 . .	H. G., Lamport Hall, Lamport, Notts.
*Udale, James, F.L.S. . . . .	Aug. 1875 . .	7 Ombersley Road, Droitwich.
Ulleriks, A. . . . .	Sept. 1906 . .	F., Bot. Gdn., Copenhagen, Denmark.
*Ussher, C. B. . . . .	Oct. 1903.	
Vales, J. . . . .	June 1912 . .	1 Cvjetua cesta Zagrel (Galicium), Austria
Vaněk, B. . . . .	July 1901 . .	H. G., Schloss Kremsegg, post Krems- munster, Upper Austria.
Van Audenaerde, H. . . . .	Aug. 1905 . .	Château des Cailloux, Jodoigne, Belgium
Van der Eem, A. A. . . . .	Aug. 1905 . .	Land. Arct., Clayton, Mo., U.S.A.
Van de Voet, C. . . . .	May 1910 . .	Arn. Arb., Jamaica Plain, Mass., U.S.A.
Van Overberghe, Geo. . . . .	July 1899 . .	F., Farm Nurseries, Hampton-on-Thames
Varacek, F. . . . .	June 1913 . .	France.
Vardy, M. . . . .	Feb. 1920 . .	Agric. Dept., Gold Coast.
Veal, T. J. . . . .	Mar. 1907 . .	F., S. Devon Nurs., Plympton, Devon.
Villard, Charles . . . . .	Sept. 1889 . .	H. G., Princess Metchersky, Boughino Smolensk, Russia.
Virchow, Ernest . . . . .	Mar. 1884 . .	C., Wilhelmshohe Park, Cassel, Germany
*Waddell, Miss M. P. . . . .	Mar. 1922 . .	41 West Park, Eltham, S.E. 9.
*Waggr, H. C. . . . .	May 1920 . .	c/o Imperial Hotel, Kampala, Uganda.
Wakely, Charles . . . . .	Oct. 1895 . .	Hort. Instr., E. Anglian Inst. of Agric. Chelmsford.
Walden, F. . . . .	Mar. 1908 . .	46 Wellington St., Moss Side, Manchester.
Waldenberg, Nils . . . . .	Mar. 1902 . .	Alnarps, Tradgardsskola, pr. Akarp, Sweden.
*Walker, Thomas D. . . . .	July 1886 . .	Tea-Planter, Kladimnugger, Burjencherra, Sylhet, India.
*Wallace, J. C., M.C. . . . .	April 1912 . .	Hort. Instr., Agri. Coll., Kirton, Boston, Lincolnshire.
*Walsh, C. S. . . . .	Oct. 1914 . .	12 Moorland Road, Leeds.
*Walsingham, F. G. . . . .	Nov. 1913 . .	Asst. D. of Hort., Ministry of Agri., Giza, Cairo.
Walters, E. A. . . . .	Jan. 1921 . .	Dept. Chemical Research, Kenya Colony.
Walters, George . . . . .	Sept. 1882 . .	Ross Valley, California.
Walters, William H. . . . .	Dec. 1896 . .	N., Rendcombe Gdns., nr. Cirencester, Glos.
*Ward, Robert. . . . .	June 1886 . .	Supt., Bot. Gdns., Georgetown, B. Guiana.
Ward, W. A. . . . .	Feb. 1905 . .	H. G., J. M. Michell, Esq., Tuxedo Park, N. Y., U.S.A.
*Ward, W. N. A. . . . .	May 1919 . .	6 Cork Terrace, Tennyson Road, Bath.
Wareham, Miss E. . . . .	<i>See Mrs. Finch.</i>	
Warner, Miss Audrey . . . . .	Nov. 1922 . .	The Corner House, Scalby, Scarborough.
*Warner, Mrs. V. M. (Bell)	Aug. 1918 . .	Uplands Farm, Werneth Low, Hyde, Cheshire.
Warren, C. . . . .	Sept. 1912 . .	Oku, Ikot Offiong, Cross River, Nigeria.
*Warry, W. A. . . . .	Mar. 1897 . .	14 Commercial Arcade, Guernsey.
Watkins, J. W., M.M. . . . .	Dec. 1907 . .	Hort. Inst., County of Cornwall.
*Watson, J. G. . . . .	Aug. 1907 . .	Cons. of F., Jahore Bahru, Jahore, F.M.S.
*Watson, W., V.M.H. . . . .	June 1922 . .	4 Branstone Rd., Kew Gardens.
Watson, Miss K. . . . .	Mar. 1922 . .	<i>See Mrs. Chambers.</i>
*Watson, Miss M. W. C. . . . .	Mar. 1922 . .	Denton, Canterbury.
Watson, Miss N. J. . . . .	Mar. 1919 . .	<i>See Mrs. Roberts.</i>

<i>Name.</i>	<i>Left Kew</i>	<i>Present Position and Address.</i>
Watts, J. H. . . . .	July 1910 ..	Hilltop Farm, 22 White Plains, N. Y., U.S.A.
Waugh, James . . . . .	Mar. 1894 ..	M., Bath's Floral Farms; and Bigstock House, Wisbech, Cambs.
Weathers, John . . . . .	Dec. 1888 ..	Park View, Isleworth.
Weathers, Patrick . . . . .	Dec. 1889 ..	Bot. Gdns., Manchester.
Weber, A. . . . .	Sept. 1908 ..	Niedershausen, Oberlahnkreis, Germany.
Weeks, C. E. . . . .	Mar. 1922 ..	8 Shaftsbury Rd., Richmond.
Weigt, G. H. . . . .	April 1905 ..	D., Estação "Augusto Montenegro," Para, Brazil.
Whipps, A. C. . . . .	Mar. 1904 ..	Rose Cottage, W. Wickham, Kent.
White, Alex. H. . . . .	Oct. 1902.	
White, A. H. J. . . . .	Feb. 1911 ..	46 Chariot Street, Hull.
White, R. A. . . . .	May 1908 ..	F., Victoria Pk., L.C.C., N.E.
White, William . . . . .	May 1876 ..	H. G., Kirby Hall, Bedale.
Whytock, John . . . . .	July 1901 ..	16 Arlington Av., Bracondale, Toronto.
Wigman, J. R. . . . .	April 1895 ..	Ruysdael Str. 124, Amsterdam.
Wilke, Johann F. . . . .	June 1880 ..	Curator, Bot. Gardens, Rotterdam.
Wilkins, William . . . . .	Mar. 1898.	
Williams, Harry . . . . .	Nov. 1896 ..	H. G., Tolvean, Redruth, Cornwall.
Williams, J. L. . . . .	Mar. 1906.	
Williams, Miss R. M. <i>See</i>	Mrs. Morgan.	
*Williams, R. O. . . . .	Jan. 1916 ..	Curator, R. B. G., Port of Spain, Trinidad, B.W.I.
Williams, William . . . . .	May 1888 ..	Bot. Scheme Offices, Avery Hill, S.E. 9.
Willison, Henry . . . . .	Mar. 1902 ..	7 Warman's Cottage, Mill Hill, N.W. 7.
*Wilson, E. H., V.M.H., M.A.	Jan. 1898 ..	Asst. D. Arn. Arb., Jamaica Plain, Mass., U.S.A.
Wiltshire, Miss N. . . . .	April 1919 ..	Merlindene, Longhope, Gloucester.
*Witty, Henry . . . . .	May 1883 ..	Supt., Parks etc., Hull.
Wood, Harry . . . . .	April 1901 ..	H. G., Winter Gdns. Co., Blackpool.
*Wood, Mrs. H. P. (Madan)	June 1919 ..	Whitehouse, Vowchurch, Hereford.
Wood, W. L. . . . .	Nov. 1909 ..	The Cedars, Balsham, Cambs.
Woodhouse, P. J. C. . . . .		
Wright, W. N. . . . .	April 1900.	
Wuyts, O. F. V. . . . .	Aug. 1915 ..	14 Vieux Chemin de Bruxelles, Ledeborg (Gand), Belgium.
Wyatt, Frederick G. . . . .	Dec. 1892 ..	H. G., Lisle House, Bournemouth,
*Wylie, James . . . . .	Feb. 1882 ..	Curator, Municipal Gdns., Durban, Natal.
Wyness, Miss E. . . . .	July 1919 ..	8 Mackenzie Place, Old Aberdeen, N.B.
Yencken, Miss A. <i>See</i>	Mrs. Troup.	
*Yeo Miss M. L. . . . .	Mar. 1917 ..	c/o International Institute of Agriculture, Villa Umberto 1, Rome, Italy.
Yeoward, Daniel . . . . .	Aug. 1889 ..	Fiji.
Young, Edwin C. . . . .	Oct. 1895 ..	H. G., Postlip Hall, Winchcombe, Glos.
Young, John . . . . .	Feb. 1883 ..	4 Woodville Crescent, Ealing, W. 5.
Young, T. . . . .	Sept. 1922 ..	Cannon Hill Park, Birmingham.
*Young, William H. . . . .	Feb. 1890 ..	13 Temple Sheen Road, S.W. 14.
Yuill, E. . . . .	July 1915 ..	Dalton House, Park Av., Ventnor, I.O.W.