

"FLOREAT KEW."

THE
JOURNAL
OF THE
KEW GUILD,

AN ASSOCIATION OF
KEW GARDENERS, Etc.,
PAST AND PRESENT.

December, 1921.

LIST OF OFFICERS.

President: Charles Cundy.

Vice-Presidents:

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Lt.-Col. Sir David Prain, C.M.G., C.I.E., F.R.S., etc., and
W. Watson, A.L.S., V.M.H.

Treasurer: J. Coutts, 43, The Green, Kew, Surrey.

Auditors: A. C. Bartlett and S. A. Skan.

Secretary and Editor: A. Osborn, 191, Kew Road, Richmond, Surrey.

Chairman of Committee: Charles H. Curtis.

Members of Committee:

Retire 1922.

L. A. Boodle, F.L.S., *Kew*.
W. Hales, A.L.S., *Chelsea*.
H. Spooner, *Imp. Institute*.
D. Tannock, *New Zealand*.

Retire 1923.

J. S. Christie, *Camberwell*.
W. Dallimore, *Kew*.
R. L. Harrow, *Edinburgh*.
W. H. Johns, *Cornwall*.

Retire 1924.

T. F. Chipp, M.C., B.Sc., F.L.S.,
Gold Coast.
A. Hosking, *Merton*.
W. L. Lavender, *Raynes Park*.
T. A. Sprague, B.Sc., F.L.S., *Kew*.
J. Weathers, *Isleworth*.

Retire 1925.

A. S. Galt, *Leeds*.
A. Lange, *Copenhagen*.
Miss E. M. Wakefield, M.A., F.L.S., *Kew*.
E. H. Wilson, M.A., V.M.H., *America*.

Sub-Foreman: R. J. Platten Student Gardener: K. E. Toms

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ADVERTISEMENTS.

Our commercial friends who are annually badgered into paying for advertisements are prone to think their money as surely sunk as the galleon with its load of doubloons in Tobermory Bay. It is up to us all to disprove this by patronising those firms who give us a helping hand, so if you have any shopping to do, please shop where our Journal tells you to and don't forget to mention the Kew Guild Journal.

CHARLES CUNDY.

WHATEVER criticisms may be levelled at the Kew Guild for what it has or has not done, this at least must be said in its favour—it brought together into one fold hundreds of gardeners who at one time or another worked in the Royal Gardens, and who in the course of time became scattered and disunited, not only over the British Isles, but throughout the world. Many Kew men had been forgotten altogether until the Kew Guild came into existence, but one by one they again entered into communion with their Alma Mater, and in many instances have kept up a regular connection ever since.

Our President, Mr. Charles Cundy, although not exactly one of those who had been lost, was probably known to very few at the time the Guild was founded. Since that time, however, we doubt if anyone can show a finer record of attendances at the Annual Meetings and Dinners than Mr. Cundy: and old and young members alike look forward to seeing his cheery face and his uncommon buttonhole at the annual gatherings.

Mr. Cundy came to Kew in 1878 and left in April 1881. Forty years afterwards he was elected President of the Guild. When he left home at 17 years of age, young Cundy (as he was then) worked in different private places, spending 10 years at Peyton Hall, Boxford, under Mr. John Nestling, whom he succeeded. During his stay at Peyton Hall he often visited Kew, and experienced a keen desire to work in the Gardens. Indeed, three years before he actually came to work at Kew, he had got an appointment from the Curator, Mr. John Smith (the second), but his employer, who was very old, would not hear of his accepting it while he was alive. He made Mr. Cundy handsome promises, and it is pleasant to record that these were fulfilled in due course.

While "head" at this place, Mr. Cundy was keen on exhibitions, and many of his fine specimens were figured in the old 'Gardeners' Magazine' when Shirley Hibberd was Editor, as many of the older Kewites will probably well remember. Among these specimens plants were *Gleichenias*, *Maranta zebrina*, and *Eucharis grandiflora*. With the old-fashioned Dahlias Mr. Cundy was also very successful, and swept the boards of many first prizes at Woodbridge, Colchester, and other places.

When his term at Kew came to an end, Mr. Cundy had arranged to take a place as Head Gardener at Darlington. Before going, however, he noticed from the 'Gardeners' Chronicle' that his old friend Mr. McKay was selling his nursery at Sudbury. To make a long story short, he went, he saw, and he purchased, and from that day to this Mr. Cundy's name has been associated with the nurseries at Sudbury, in Suffolk. As a young nurseryman he won his spurs by taking a five guinea prize offered by Col. Burke for the exhibitor who took most first prizes at a flower show held in his park. This brought him into greater prominence. The fact that Mr. Cundy has served several years on the Town Council, indicates the esteem in which he is held by his fellow townsmen.

It is, of course, impossible to deal with one tithe of Mr. Cundy's work, but when we realise that he is 73 years of age, and still "going strong," we may be sure that he has had a life full of hard work and interest, and we close this short review of his career with the hope that we shall have the pleasure of seeing him for many more years at the annual gatherings of the Kew Guild.

J. W.

BALANCE SHEET, 1920-21.

RECEIPTS.		EXPENDITURE.	
	£ s. d.		£ s. d.
Balance from 1919-20	12 17 9	Printing Annual Report ...	2 2 0
Life Subscriptions	72 2 0	Journal Account, 1921—	
Annual Subscriptions and Sales	20 13 10	Printing 750 Copies	76 17 6
Annual Subscriptions, arrears	4 7 0	Making Blocks	10 7 6
Interest on £300 New South Wales Stock	7 7 0	Postage	2 17 7
Interest on £25 War Loan Stock	1 6 3	Stationery and Postages ...	2 4 5
Interest on deposits in P.O. Savings Bank	2 0 0	Secretary and Editor's Honorarium	10 0 0
Advertisements in Journal ...	19 17 6	Printing 350 Memorandums and Envelopes	0 17 0
		Donations—	
		Gardeners' Royal Benevo- lent Institution	1 1 0
		Royal Gardeners' Orphan Fund	1 1 0
		Balance in hand	33 3 4
	<u>£140 11 4</u>		<u>£140 11 4</u>

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 335 Life Subscribers of £1 at two-thirds rate	223 6 8	£25 5 per cent. (1929-1947) War Loan Stock	25 0 0
To 94 Life Subscribers of £2 at two-thirds rate as per Rule 7	125 6 8	854 Journals in stock at 1/-	42 14 0
Balance of Assets	12 19 6	186 Journals in stock at 2/6	23 5 0
		Deposits in Post Office Savings Bank	33 3 4
		Advertisements due	29 19 0
	<u>£454 1 4</u>		<u>£454 1 4</u>

BENEVOLENT FUND.

RECEIPTS.		EXPENDITURE.	
	£ s. d.		£ s. d.
Balance from 1919-20	10 19 6	Grant to Mr. W. Crisp	6 0 0
Collecting Box at Annual Dinner	8 12 10	Grant to Mrs. A. P. Bruce	5 0 0
Donations	4 8 0	Postage	0 0 8
Interest on Deposits in Post Office Savings Bank	0 8 2	Balance in hand	13 7 10
	<u>£24 8 6</u>		<u>£24 8 6</u>

WAR MEMORIAL.

RECEIPTS.		EXPENDITURE.	
	£ s. d.		£ s. d.
Balance from 1919-20	111 14 3	Printing Circular Cards ...	0 10 6
Donations 1920-21	55 16 0	Postages and Receipts	0 2 5
Interest on Deposits in Post Office Savings Bank	2 3 0	Balance in Post Office Savings Bank	169 0 4
	<u>£169 13 3</u>		<u>£169 13 3</u>

DINNER ACCOUNT, 1920.

RECEIPTS.				EXPENDITURE.					
		£	s.	d.		£	s.	d.	
119	Subscribers at 9/-	53	11	0	145	Dinners at 8/6	61	12	6
10	do. at 8/6	4	5	0		Printing	1	5	0
8	do. at 17/6	7	0	0		Head Waiter	0	12	6
						Pianist	0	10	6
						Stationery and Postages	0	15	6
		<u>£64</u>	<u>16</u>	<u>0</u>			<u>£64</u>	<u>16</u>	<u>0</u>

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

J. COUTTS, *Treasurer.*

A. C. BARTLETT, } *Auditors.*

A. OSBORN, *Secretary.*

J. W. TAYLOR, }

ANNUAL GENERAL MEETING.

THE Annual General Meeting of the Guild was held at the Holborn Restaurant on May 25, 1921, at 6.30 P.M. The Chairman of Committee, Mr. C. H. CURTIS, occupied the Chair, a large number of members being present.

The Minutes of the last Annual General Meeting having been printed and circulated to members in the *Journal*, the CHAIRMAN moved that they should be taken as read. This was seconded by Mr. A. C. BARTLETT, and carried unanimously.

The Annual Report and Balance Sheet were then read by the Secretary and Treasurer respectively, copies being in the hands of those present. The Treasurer stated that 45 members had paid the additional £1 Life Subscription, and 14 new Life Members had joined during the year.

The CHAIRMAN said he was pleased to see so many members from a distance present that evening. On behalf of the Committee he should like to impress on them how essential it is that subscriptions flow in. It was particularly desirable to maintain the interest in, and keep up the size of, the *Journal*. He proposed the adoption of the Report, which was seconded by Mr. W. CRADWICK.

The re-election of Mr. J. COUTTS as Treasurer was proposed by Mr. C. CUNDY. In seconding, Mr. A. C. BARTLETT said, as one of the Auditors, he was very much impressed by the amount of work Mr. COUTTS did for the Guild and the way he kept their books: they owed him a special vote of thanks for past services.

Mr. J. GREGORY proposed the re-election of Mr. A. OSBORN as Secretary. This was seconded by Mr. C. CUNDY and carried.

The CHAIRMAN said they would expect him to say a few words regarding the impressive ceremony they had attended at Kew that afternoon. They owed a very deep debt of gratitude to the Director for officiating on this occasion. Personal feelings were put on one side: it was no mean task for one who has lost so much by the war to extend sympathy to the relatives of the fallen. They would all wish their Secretary to write and thank Sir DAVID. To Captain HILL they were also very much indebted for his valued help and support—he had secured for them the services of Sir ROBERT LORIMER, A.R.A., whose beautiful design they had dedicated to their fallen comrades that afternoon.

The meeting concluded with a vote of thanks to the Chairman, proposed by Mr. J. WEATHERS and seconded by Mr. A. HOSKING, to which Mr. CURTIS suitably replied.

THE DINNER.

IN the unavoidable absence of the President, Mr. Joseph Jones, the President-elect, Mr. CHARLES CUNDY, occupied the Chair, and was supported by a company numbering 137.

The toast of "The King" having been duly honoured, the CHAIRMAN proposed the toast of "The Kew Guild." Mr. Cundy said how glad they were to meet again and how good it was to see so many that evening. He believed there was only one Kewite older than himself present. As a young man he had wanted to get to Kew long before it had proved possible. Some of his happiest days were those spent at the Gardens, one of the loveliest places in the world. Kew offered every chance to young men, and all who worked could avail themselves of those advantages. He hoped he had done so before leaving in 1881 to take up business at Sudbury, where he had been ever since. He recalled that he had been to all the Annual Dinners, and looked forward to being present at many more. The toast was coupled with the name of Mr. Robert L. Harrow (Edinburgh).

Mr. HARROW, in responding, said he felt some hesitation in rising: he hardly knew why, seeing there were so many friends around. Kewites were always friendly and ready to help one another. He left Kew in 1893, so was still one of the young boys. There seemed to be a great improvement in the Syllabus of Lectures at Kew since his time. He thought the Guild had done much good work. It was perhaps the most exclusive Guild in the world. He suggested the Committee might be empowered to invite to the Dinner a number of prominent horticulturists who were not Kewites: their company would doubtless be helpful.

Capt. A. W. HILL said it was his pleasant duty to propose the toast of their President, Mr. Joseph Jones, of Dominica, who should have occupied the Chair that night. The speaker had seen Dominica and Mr. Jones's work there. Mr. Jones had spent twenty-nine years in Dominica and made a most beautiful garden. He was exceedingly keen, and never bothered to come home on leave. He had recently been far from well, but all would be glad to learn he was now recovering. It was a pity Miss Wakefield, who had just returned from Dominica and had recently visited the garden, was not with them that evening to add her tribute to Mr. Jones's good work. Sir Daniel Morris had spoken highly of him in the *Guild Journal*, and the speaker congratulated the Guild on having Mr. Jones as President.

(Captain Hill then read out a list of those present from overseas.)

To turn to home affairs, he continued, they would doubtless agree that something had been done during the past year to improve the Syllabus of Lectures at Kew. Additional lectures had been given on Friday evenings: these, up to the present, had all been given gratuitously by the lecturers. (Applause.) Now the Lords of the Treasury had responded to their appeals and given authority for the provision of a second lecture room, with laboratory, and the purchase of a number of dissecting and compound microscopes. Better things were now possible.

He now asked them to join heartily in the toast to Mr. Jones: they wished him the best of health.

Mr. DAVID TANNOCK (New Zealand) then called for the toast to "The President-elect."

Mr. Tannock caused much amusement by mounting the artists' platform, and said that being an indifferent speaker and rather short they

should at least see if not hear him. He was pleased to see so many Kew men holding important positions, and especially pleased when they were successful in business. That was a great test he thought. Mr. Cundy left Kew about forty years ago and was now, as a successful business man, an excellent example to younger Kewites. Referring to the statement by another speaker that the Kew Guild was most exclusive (one could not even bring a friend), he could tell them of one possible modern method—the friend might marry a Kew Guild lady and thus become a member by marriage. (Laughter.) This was only one phase of Kew work. (More laughter.) They were glad to see so many ladies present with them.

Mr. Tannock went on to speak of his acquaintance with Kew men in several parts of the world—all successful men and a credit to Kew. Referring especially to New Zealand—where they were trying to create another Britain—he said Kew men were expected to be administrators; they must be able to spend money successfully, to get full value for every penny. They had a high standard to live up to.

With regard to the lectures and work at Kew, science and practice must be united to ensure success, but practice came first.

He recalled a remark once made by Mr. Watson that a gardener who was not a practical man was a humbug. The speaker was proud of Kew, doubtless the best Gardens in the world, and he referred to their present splendid condition, which reflected credit upon those carrying out the work. He had just visited the Gardens and saw one of the old pits where he once had the honour of working. There was the same old smell of tobacco and much the same old plants on the bench. (Laughter.) The toast was accorded musical honours.

Mr. CUNDY suitably responded, and recalled further interesting reminiscences of Kew. He referred to the late Mr. Crisp; they all had much sympathy with him. Before closing he exhorted all members to give loyal support to the *Kew Journal*: Kewites overseas or at home were all delighted to receive it. He thanked them all and hoped all might meet again next year. (Applause.)

During the evening, songs were rendered by Miss Maud Harper, Miss Kathleen Watson, and Mr. Laurence Harding, with Miss Harper as accompanist. These items were much appreciated.

The following were present:—

Cundy, Chas. (<i>Chairman</i>).	Cooper, E.	Green, Miss.
Alcock, Mrs. L.	Cotton, A. D.	Greenway, P. J.
Baker, E.	Cousins, F. G.	Gregory, J.
Barker, W. H.	Countts, J.	Hales, W.
Bartlett, A. C.	Cradwick, W.	Harborne, B. W.
Bass, A. P.	Craig, Mrs. A. P.	Harding, L.
Birkinshaw, A.	Culver, O. R.	Harper, Miss M.
Blake, A.	Curtis, C. H.	Harris, J. E.
Braybon, A.	Curtis, Mrs. C. H.	Harrow, R. L.
Brook, E.	Cunningham, W. J. M.	Hartless, A. C.
Butler, G. J.	Dallimore, W.	Harvey, Miss V. M. H.
Burrell, Miss L.	Davidson, Miss F. W.	Hayes, R. R.
Buss, L.	Davies, Miss G. A.	Head, W.
Cave, G. H.	Davies, H. J.	Hill, Capt. A. W.
Cave, Mrs. G. H.	Davy, E. W.	Hillier, G.
Christie, J. S.	Dines, H. J.	Hillier, J. M.
Coates, C. F.	Drew, Miss D.	Holland, J. H.
Coates, Mrs. D. B.	Eavis, H.	Holland, Mrs. J. H.
Collin, H.	Ellis, Miss C. F.	Horton, E.
Collins, W.	Evans, W. N.	Horton, Mrs. E.
Conn, P.	Godfrey, W. F.	Hosking, A.

Hubbard, C. E.	Patterson, W. H.	Tannock, D.
Hunter, T.	Patterson, Mrs. W. H.	Taylor, A. W.
Hutchinson, J.	Pettigrew, A. A.	Taylor, T. W.
Irving, W.	Pettigrew, W. W.	Thornton, A.
Joshua, Miss L.	Pettigrew, Mrs. W. W.	Toms, K. E.
Jones, C.	Philp, F. J.	Trevithick, W. E.
Kennedy, W. A.	Pirie, J.	Waddell, Miss M. P.
Kennedy, Miss.	Platten, R. J.	Wallace, J. C.
Lamb, G.	Powell, Temple.	Warner, Miss A.
Lavender, W. L.	Preston, F. G.	Warry, W. A.
Longmire, J.	Raffill, C. P.	Warry, Mrs. W. A.
Mack, F. C.	Richardson, J.	Watson, Miss K.
Mackenzie, J.	Richli, E.	Weathers, J.
Macmillan, H. F.	Riley, L. A. M.	Weeks, J.
Marks, J. T.	Robertson, J. A.	Welsh, H. W.
Marks, Mrs. J. F.	Robertshaw, P.	Whipps, A. C.
Marshall, A.	Ruck, H.	White, A.
Melles, A. B.	Rudolf, Miss O.	Williams, Miss R. M.
Melles, Mrs. A. B.	Sayer, F. W.	Wilson, C. F.
Miles, A. C.	Scott, W.	Winn, W. N.
Mitchell, W.	Semple, J. A.	Woodhouse, P. J. C.
Murray, J.	Sharp, W. S.	Wright, J. W.
Nelmes, E.	Spooner, H.	Young, T.
Osborn, A.	Sprague, T. A.	Young, W. H.

KEWITES AS AUTHORS.—‘Native Timbers of South Africa,’ by Mr. T. R. Sim and published by the Government Printing and Stationery Office, Pretoria, deals exhaustively with the South African timber trees under three heads: (1) collectively as forests, which are approximately 800,000 acres in the Union of South Africa; (2) individually as species; (3) in relation to industries. The book runs to 232 pages with the addition of 45 plates at the end, a number of which we note are reproductions of photographs taken by another Kewite, Mr. J. Burt-Davy.

‘Fruit Growing for Profit,’ by Mr. J. C. Newsham, published by C. Arthur Pearson, price 6s., deals with a subject to which Britishers should pay more attention. There are 216 pages, divided into 16 chapters dealing with all phases of the subject from Propagation, Selection of the Site, and Planting of the Trees to the Storing and Preserving of the Fruits. There are 33 instructive illustrations. Another book by the same author is entitled ‘Crops and Tillage,’ and is published by Messrs Methuen & Co., Ltd. The most important chapters deal with: The Cultivation of Arable Land, Soil Tillage, Manuring, and the Laying down of Permanent and Temporary Pastures. This should prove a valuable book in the hands of agricultural students and farm pupils.

OLD KEWITES AT HOME.—A. R. Bell (Nigeria), A. W. Benton (Falkland Islands), J. Benbow (La Mortola), E. A. Braybon (Borneo, now India), P. Chandler (Uganda), G. Corbett (Uganda), W. Cradwick (Jamaica), E. W. Davy (Nyasaland), J. Burt-Davy (South Africa), M. T. Dawe (Port. W. Africa), M. Free (U.S.A.), G. W. Gray (France), C. Hazel (Uganda), W. Head (India), T. Hunter (Gold Coast), G. F. Illmann (Uganda), R. Kett (France to Palestine), J. E. Leslie (India), F. R. Long (Pulau Bulang to South Africa), D. MacGregor (Shanghai), H. F. MacMillan (Ceylon), A. B. Melles (France), A. C. Miles (Gold Coast), Mr. and Mrs. W. H. Patterson (Gold Coast), F. J. Stayner (S. Africa), D. Tannock (New Zealand), C. B. Usher (Kenya Colony), W. A. Warry (Guernsey), W. L. Wood (F. M. S.), Miss M. L. Yeo (Italy).

THE ASSOCIATION OF KEW GARDENERS IN AMERICA.

A MEETING of the Association of Kew Gardeners in America was held at Boston, Mass., on April 8, 1921, at the Horticultural Hall during the spring show of the Massachusetts Horticultural Society, those present being Messrs. T. D. Hatfield, J. Brown, H. M. Blanche, J. Ellis, F. Lazenby, and W. H. Judd.

The minutes of the previous meeting and report of the treasurer were read and accepted, showing a balance of \$28 28 cents. in the treasury (twenty-eight dollars and twenty-eight cents.). Some discussion took place as to the advisability of continuing to exist as an organization, owing to the lack of interest on the part of the Kew men, but it was moved by Mr. Hatfield and seconded by Mr. Blanche that we still continue to function.

It was moved by Mr. Blanche and seconded by Mr. Brown that the next meeting be held at Boston, Mass., during the spring show of 1922, and that a social be arranged to which ladies shall be invited.

WM. H. JUDD,
Hon. Secretary.

THE CENTRAL AFRICAN (UGANDA) BRANCH OF THE KEW GUILD.

LIST OF OFFICERS.—*Chairman*: D. Halkerston; *Hon. Secretary and Treasurer*: J. D. Snowden; *Auditors*: G. F. Illman and M. MacIennen; *Editress*: Dorothy M. Halkerston; *Chairman of Committee*: G. F. Illman; *Members of Committee*: H. A. Gammon, F. W. Hall, F. Gammon, C. Hazel, and G. F. Illman.

A report of a meeting of Kewites at the Hotel Cecil, Kampala, and their decision to form a Central African (Uganda) Branch of the Guild was recorded in 1921 Journal. We are now able to report the holding of the Second Annual General Meeting and Dinner at the Imperial Hotel, Kampala, on January 28, 1921. A still more interesting item of news is the publication of a Journal by the Branch. In size, arrangement, and the familiar green covers, it follows closely the parent *Journal*. A portrait of Mr. G. F. Illman, the first Chairman of the Branch, appears as the frontispiece, with a memoir note by Mr. F. Gammon. In addition to reports of meetings, the following interesting articles are included in the 44 pages to which the Journal extends:—"The Southern Congo," by F. Gammon; "Cotton in Uganda," by J. D. Snowden; "A Recipe for Breaking the Monotony of Uganda (or learning to ride a Harley-Davidson motor-cycle)", by An H.-D. lover (?); "The Botanic Gardens, Entebbe, Uganda"; "The Flowering of Coffee and its Relationship to the Crop in Uganda"; "Notes on Life in Tropical Africa," by F. Gammon; and "Coffee," by Geoffrey Corbett. On the last page the names and addresses of the twenty members are given together with three honorary members.

Annual General Meeting, January 28, 1921.

The Annual General Meeting was held at the Imperial Hotel, Kampala, on January 28, 1921, at 6.30 p.m., Mr. Illman being in the Chair. The following members were present:—Messrs. Cannon, Corbett, Dummer, Gammon, Halkerston, Hall, Hazel, Smith, Syer, Wagg, and Snowden (Hon. Secretary).

The minutes of the last General Meeting were read and confirmed, being proposed by Mr. Halkerston and seconded by Mr. Hall.

The Hon. Secretary then read the Committee's Report and Balance Sheet. After some discussion, Mr. Illman proposed, and Mr. Dummer seconded, that the Report be adopted, with the alteration of 25 per cent. in the last paragraph to 75 per cent. This was carried unanimously.

The meeting next proceeded to the election of officers and committee. Mr. Illman declined re-election as Chairman, and on the motion of Mr. Syer, seconded by Mr. Corbett, Mr. Halkerston was elected, there being no other nominations.

Mr. Snowden proposed, and Mr. Halkerston seconded, that the Chairman for the ensuing year should not take up his duties until after the Annual Dinner. This was agreed upon.

Mr. Illman proposed that Mr. Snowden be re-elected Hon. Secretary and Treasurer, and mentioned the good work done by Mr. Snowden in helping to organize the branch. Mr. Halkerston seconded, and the motion was carried.

The Committee were re-elected, except that Mr. Illman took the place of Mr. Halkerston, the new Chairman.

Mr. Halkerston then spoke on behalf of the Editress of the Journal, who was unable to be present, asking members to contribute papers as soon as possible.

The following hon. members were then elected:—Mr. Edwards (proposed by Gammon, seconded by Syer); Mr. MacLennan (proposed by Illman, seconded by Hall); Mr. Small (proposed by Snowden, seconded by Illman).

The correspondence with reference to Mr. Marshall was then read. The general opinion of the meeting was that some members had made too much of an unimportant point, but the Committee had dealt with the matter with due consideration to all concerned; and Mr. Illman proposed, and Mr. Hall seconded, that a vote of confidence in the action of the Committee be passed, and the question dropped. This was carried.

This concluded the business, and the meeting terminated.

(Signed) J. D. SNOWDEN.

Annual Dinner.

The Annual Dinner was held at the Imperial Hotel, Kampala, at 8.30 P.M., on January 28, 1921.

Mr. Illman occupied the Chair, and there were 25 members and guests present. The loyal toasts having been duly honoured, the Chairman proposed the toast of "The Central African (Uganda) Branch of the Kew Guild."

Annual Report for 1920.

The Committee have pleasure in presenting the Report for 1920.

The first General Meeting was held at the Hotel Cecil, Kampala, on October 23, at 6.30 P.M. Mr. Illman occupied the Chair, and there were twelve members present.

The draft rules were discussed, and, after a few alterations, were adopted. A copy of these rules has been forwarded to each member.

The meeting then proceeded to the election of officers and committee, and terminated with a vote of thanks to those members who were responsible for the organization and founding of the Branch.

The General Meeting was followed by a pleasant little dinner and social evening, sixteen members and their friends being present.

The number of members is eighteen, but only twelve subscriptions have been received for 1920.

The total receipts amounted to Rs. 260, and the expenditure to Rs. 58.50, leaving a balance of Rs. 201.50.

The Committee recommend that 75 per cent. of the annual subscriptions should be set aside for the creation of a permanent reserve fund to place the Society on a sound financial basis.

BALANCE SHEET.

<i>Receipts.</i>		<i>Expenditure.</i>	
Annual Subscriptions	Rs. 240.00	To cost of Cablegram	Rs. 11.90
Advances by four members .	20.00	To cost of Stationery	23.60
		To cost of Cheque Book	3.00
		Amount to be refunded to four	
		members, deposited in bank.	20.00
		Balance in hand and bank ...	201.50
	<u>Rs. 260.00</u>		<u>Rs. 260.00</u>

Compared with vouchers, bank book, etc., and found correct.

J. D. SNOWDEN, *Hon. Sec. and Treas.*

MR. N. E. BROWN, A.L.S., has been awarded the Captain Scott Memorial Medal, given for scientific research in South Africa by the Council of the South African Biological Society, in recognition of his valuable work on the South African Flora.

THE MUTUAL IMPROVEMENT SOCIETY.

Session 1920-21.

WEEKLY meetings were held during the winter on Monday evenings from October to March. Mr. J. COURTS continues to occupy the position of Chairman (9th session), taking a never failing interest in the affairs of the Society. Mr. T. W. TAYLOR was Vice-Chairman and Mr. A. S. CLEGG Secretary for the first half of the session. On his leaving to take up an appointment in Mauritius, Mr. F. J. COOK undertook the secretarial work until the end of the session. The average attendance was 28.6, a considerable improvement on the previous session. The highest attendance was 37 and the lowest 22. Four papers were illustrated with lantern-slides. Sixteen papers were given by Sub-foremen and Student Gardeners.

The Hooker Prize, given by the Director, was awarded to Mr. W. J. Godfrey and the Society's Prize to Mr. W. E. Trevithick.

Syllabus.

	1920.	Subject.	Lecturer.
Oct.	4	A Visit to the Canary Isles (Lantern)	T. A. Sprague, B.Sc.
"	11	Autumnal Effects	E. A. Walters.
"	18	Begonias	E. Downes.
"	25	Insect Pests	J. A. Robertson.
Nov.	1	Herbaceous Plants	A. J. Thornton.
"	8	The Rock Garden	G. H. Fothergill.
"	15	Bananas	P. Robertshaw.
"	22	Organic Manures	T. Clark.
"	29	Annuals (Lantern)	W. J. Godfrey.
Dec.	6	Artificial Manures	J. W. Wright.
"	13	Insectivorous Plants	G. A. Best.
"	20	Forestry (Lantern)	W. Dallimore.
		1921.	
Jan.	10	Some Noted Irish Gardens (Lantern)	W. Taylor.
"	17	Edible and Poisonous Fungi	W. E. Trevithick.
"	24	Succulent Plants	F. J. Cook.
"	31	Sweet Peas	W. Mitchell.
Feb.	7	Root Cuttings	G. J. Butler.
"	14	Indoor Aquatics	L. G. Richards.
"	21	Wonders of Plant Life	C. P. Raffill.
"	28	Decorative Palms	C. F. Wilson.
Mar.	7	Secretary's Report.	

CRICKET CLUB.—The cricket season on the whole was an enjoyable one. Much to our regret only eight matches could be arranged, for the most part owing to the difficulty of not having a regular playing pitch at our disposal. Of the matches played, five were won and three lost—quite a creditable performance considering the abilities of some of our opponents.

The most notable achievement was, perhaps, the defeat of Wall Hall on Kew Green. This proved to be a very thrilling and exciting struggle from start to finish. We eventually won by the narrow margin of two runs.

Officers for season 1921 :—*Captain*, H. Collin ; *Vice-Captain*, R. J. Platten ; *Hon. Secretary*, P. J. C. Woodhouse.

THE WAR MEMORIAL.

THE unveiling of the War Memorial by the Director took place at 3 P.M. on the afternoon of Wednesday, May 25, 1921. In addition to a large number of Kewites past and present, there were a considerable number of relatives of the fallen men, about 150 being present when the Director pulled aside the Union Jack, revealing the beautiful bronze tablet engraved with the names of the Fallen surmounted and draped with wreaths of bay.

In his opening remarks Sir David said they had met that afternoon to do honour to 37 brave men who responded to the call of duty and paid the great sacrifice. He spoke of the sympathy the movement to erect the memorial had received from the Ministry of Agriculture, who were represented that day by Mr. G. F. Middleton, and the ready help of the Office of Works and their representative, Mr. G. D. Patterson, in the fixing of the tablet in the Temple of Arethusa. Sir David then asked Mr. C. H. Curtis to speak of the history of the movement and to read the names inscribed on the tablet. In formally asking Sir David to accept the memorial on behalf of the Kew Guild and the Kew Staff, Mr. Curtis said they would all agree that Sir Robert Lorimer had given them a very beautiful design, and the memorial was in every way a fitting one to the gallant fellows who died that we might live.

Captain A. W. Hill then read extracts from Ecclesiasticus xlv., commencing "Let us now praise famous men."

Sir David, in the course of a few sympathetic remarks, said that all the gallant fellows were not personally known to him. Kew men, he pointed out, served in most, if not all, the theatres of war; and Sir David proceeded to detail the many distinctions gained and the varied services which the men joined. All shared in the highest of all distinctions. They did their duty, and were faithful unto death. "It now remains for me, with the humility and the respect," concluded Sir David, "which their renunciation inspires in those for whom our friends fought, with the sense of irreparable loss, that all we for whom they laid down their lives share with their comrades in the struggle who have been happily restored to us, to fulfil our allotted task. Sadly as an individual, yet proudly as the representative of Kew these thirty-seven men loved so well, I unveil this, their memorial."

Sir David then released the Union Jack covering the tablet, which the large invited company inspected.

In addition to members of the staff, a large number of Old Kewites were present. As many of the names appear in the list of those present at the Annual Dinner in the evening, it is only necessary to mention Messrs. J. A. Gammie who left Kew in 1865, J. Cameron, and W. Fox.

After the unveiling ceremony the Committee entertained a company numbering 100 to tea on the tennis-lawn.

The gathering at tea provided such an excellent opportunity for the renewal of old acquaintances to the large number of the Staff and Past Kewites present, that it is not surprising to hear a very considerable number express a wish that a meeting of some kind should be held at Kew each year.

The donations to the War Memorial totalled £171 10s. 10d. The cost was £142 10s. 10d., leaving a balance in hand of £29 0s. 10d.

SWIMMING CLUB.—A General Meeting was held on March 22, 1921, when Mr. K. E. Toms was elected Captain and Mr. A. P. Bass Vice-Captain, with Mr. H. W. Ruck as Secretary.

The chief event of the year was the Annual Championship Race, the first held since 1914. It was decided at a general meeting that the usual distance of 1½ miles should be reduced to 1 mile. The race took place in the River Thames on August 25 from below Brentford Ferry Gate to Kew Bridge. The race attracted considerable attention from the general public. We were pleased to see Mr. W. Hackett (Liverpool) a very interested spectator. After a very exciting race, Mr. K. E. Toms finished first, in 19 mins. 58 secs.; followed by Mr. H. W. Ruck, 20 mins; Mr. J. J. Ruck, 21 mins.; Miss L. Burrell, 22½ mins.; Mr. J. Paton, 23½ mins. Messrs Barker and Cunningham were forced to leave the water owing to cramp. The winner holds for one year the solid silver Perpetual Challenge Cup given by the President of the Club, Captain A. W. Hill, and a prize to the value of £1; 2nd, value 15s., to Mr. H. W. Ruck; 3rd, value 10s., to Mr. J. J. Ruck; and a consolation prize value, 7s. 6d., to Miss L. Burrell, the only lady competitor.

THE Annual Meeting of the Football Club was held on June 23rd. It was decided to again join the Richmond and District Football League. At the time of writing we have played eight matches. The Club have lost five, won one, and drawn two.

Captain, R. J. Platten; *Vice-Captain*, P. J. C. Woodhouse; *Secretary*, J. W. Wright.

ANOTHER record, this time to the credit of a contractor to the Works Department, is the painting of the interior of the central portion of the Palm House in six weeks. Previous paintings have taken at least three months, and when a start was made on September 1 some old hands suggested that the job would be done by Christmas. When in full swing one hundred men were employed, and we understand the wage bill on one or two Saturdays was in the vicinity of £500. As will be seen in our advertisement pages, the contract for the supply of the paint used was again secured by Messrs Gay.

THE BRITISH BOTANY CLUB, 1921.

DESPITE the extraordinarily dry summer, which made collecting at times difficult, the members in general showed remarkable enthusiasm. Four half-day and eight evening excursions were made. The usual Reigate trip was abandoned, but a visit to Gravesend was made in order to study the maritime flora. Under the able conductorship of Mr. W. B. Turrill the results were in every way satisfactory.

Twenty-four collections were submitted for examination, all of which received certificates, while the excellent collections of the following members received special mention:—E. Nelmes (635 specimens); W. H. Barker (571 specimens); P. J. Greenway; G. Andrews.

W. E. TREVITHICK,
Hon. Secretary.

THE LECTURES, 1921.

Economic Botany. Lecturer, Mr. J. M. Hillier. 25 Lectures. Maximum marks, 150. Highest number: Miss L. Burrell, 150; Miss A. E. Warner, 150; C. E. Hubbard, 150; W. E. Trevithick, 150.

Elementary Systematic Botany. Lecturer, Mr. W. B. Turrill, M.Sc. 12 Lectures. Maximum marks, 100. Highest number: Miss O. Rudolf, 99; W. C. Scott, 99.

Advanced Systematic Botany. Lecturer, Mr. C. H. Wright, A.L.S. 25 Lectures. Maximum marks, 250. Highest number: Miss O. Rudolf, 233; W. E. Trevithick, 233; J. W. Wright, 220.

General Botany. Lecturer, Mr. T. A. Sprague, B.Sc., F.L.S. 36 Lectures. Maximum marks, 320. Highest number: C. E. Hubbard, 318½; W. E. Trevithick, 317½; T. E. Clarke, 314; Miss O. Rudolf, 314.

Soils and Manures. Lecturer, Mr. E. M. Crowther. 10 Lectures. Maximum marks, 100. Highest number: G. A. Best, 100; A. J. Thornton, 98; H. G. Butcher, 95.

Geology and Soils. Lecturer, Dr. H. H. Thomas, D.Sc. 16 Lectures. Maximum marks, 100. Highest number: W. E. Trevithick, 100; Miss O. Rudolf, 90; C. E. Hubbard, 90.

Physics and Chemistry. Lecturer, Dr. P. Haas, D.Sc., Ph.D., F.C.S. 25 Lectures. Maximum marks, 100. Highest number: W. H. Barker, 95; P. J. Greenway, 95; A. Birkinshaw, 92; H. J. Gardiner, 92.

Plant Pathology (Insect Pests). Lecturer, Dr. J. W. Munro, D.Sc. 10 Lectures. Maximum marks, 100. Highest number: W. E. Trevithick, 98; C. E. Hubbard, 94; C. F. Wilson, 89.

Plant Pathology (Fungi). Lecturer, Mr. A. D. Cotton, F.L.S. 25 Lectures. Maximum marks, 250. Highest number: W. E. Trevithick, 250; C. E. Hubbard, 242; P. Robertson, 236; Miss L. Burrell, 235.

The north end of the Iron Room, previously used as a Museum store, has recently been fitted up as a second Lecture Room, so that it is now possible to have courses of lectures running concurrently for first and second year men respectively.

The following Special Lectures were delivered in the Lecture Room on Friday evenings at 6 P.M. :—

1921.	Subject.	Lecturer.
Nov. 25	Principles and Practice of Propagation	Mr. J. Coultts.
Dec. 2	Outlines of Forestry	Mr. W. Dallimore.
" 9	do. do.	do.
1922.		
Jan. 13	Geotropism: some new Experiments	Dr. H. Wager, F.R.S.
" 20	Agricultural and Botanical Problems in South Africa (Lantern)	Mr. J. Burt-Davy, F.L.S.
" 27	Xerophytes (Lantern)	Mr. W. Hales, A.L.S.
Feb. 3	Rubber-growing Problems (Lantern)	Dr. E. J. Butler, C.I.E.
" 10	Principles of Forestry	Mr. W. Dallimore.
" 17	do. do.	do.
" 24	The Botanic Garden, Hong Kong (Lantern)...	Mr. S. T. Dunn.
Mar. 3	Packing	Mr. W. Taylor.
" 10	Uganda	Mr. C. H. Lankester.
" 17	Principles of Propagation: Budding	Mr. J. Coultts.
" 24	" " " Grafting	Mr. A. Osborn.

DR. L. C. BURRELL, our Medical Officer since 1899, is retiring on March 31. He has always taken an interest in the Guild, was Chairman at the Annual Dinner in 1909, and a few years ago was a valued playing member of the Cricket Club. Whether the "Kew Mixture" of the new Medical Officer will be as tasty and efficacious as that of his predecessor time will prove.

AN addition to the list of the fauna of Kew is worthy of record.

During December 1921 a Bittern (*Botaurus stellaris*, L.) was taken alive and apparently uninjured in the Queen's Cottage grounds. The Common Bittern, a bird belonging to the Heron family, became extinct in England, as a breeding species, about 1868. In 1911, however, a nest was found in Norfolk, and in 1918-19 several broods were known to have been reared.

The male Bittern is remarkable for its call-note—a deep, resonant "boom," and it is interesting to record that this strange bird-note has been heard at intervals for several years in the Gardens. It appears highly probable that Kew is a regular haunt of these birds, probably a resting-place during migration. The Bittern is a spring and autumn migrant to Britain and a winter visitor, and it is an interesting tribute to the peace and quiet of Kew that so rare and shy a bird should find in the Gardens a safe retreat within ten miles of the Metropolis.

The Kew Bittern is now housed in the Zoological Society's Gardens at Regent's Park.

J. W. M.

KEW NOTES.

THE most important Kew news we have to record in this *Journal* are the retirements of the Director, the Keeper of the Herbarium, and of Miss M. Smith. Further particulars are published elsewhere in these pages.

THE number of visitors to the Gardens during 1921 was 1,236,308, an increase of 104,537 over 1920. The greatest monthly attendance was during May, the figures being 244,212; the greatest single day record was 50,720, on Whit Monday, May 16, and the highest Sunday attendance, 28,630 on May 22. The lowest monthly record was November with 9,695, the lowest Sunday numbers 92, on November 27, and the lowest attendance for one day, 15 on December 1. Visitors on Sundays totalled 467,519 and on week-days 768,789; Bath chairs numbered 1,055, perambulators 8,088, cameras 12,174, exclusive of season tickets.

MR. T. W. TAYLOR has been seriously ill for some time, necessitating an operation in Charing Cross Hospital. We are pleased to state he is now much better, and quite recently has resumed charge of the Tropical Department.

THE drought of 1921 will long remain impressed in the memory of those having anything to do with outdoor gardening at Kew. With its very sandy soil, watering is almost always a very important item in the work of the outdoor departments during the summer. Fortunately the water-supply is plentiful, but 1921 taxed it to the uttermost limits. During one week, July 4-11, the total consumption was 1,335,000 gallons. London's total rainfall for 1921 is given as 14.60 in. Reference to the table on p. 81 shows that Kew with 12.46 in. is even lower. For anything like a similar dry period it is necessary to go back to the year 1796, when the total rainfall was 16.20 in.

READERS will know that the water-supply of the Gardens is pumped from the lake, and that the lake is fed from the River Thames at high tide. During the past excessively dry summer there has been comparatively little fresh water to flow down the river, and, as a consequence, the sea-water has come up the river in very much larger volume than usual. In a large, shallow sheet of water, such as the Kew lake, a considerable amount of evaporation takes place during an ordinary summer, and obviously during that of 1921 it must have been very much greater than usual. The lake, having no outlet, thus became a miniature Dead Sea, with disastrous results to many plants which have been given water pumped from it. The wholesale browning of the edges of the leaves of many plants in the greenhouses during August was the first indication that something was wrong. Most of the greenhouses are well supplied with rain-water tanks, and, with a fresh supply in these from recent rains, it was hoped the trouble would

end. Unfortunately, many plants are still suffering, apparently from deposits of salt in the soil. The cleaning out of the lake may provide temporary relief, but there is always the possibility of the same thing recurring in a dry summer. Outside, the worst sufferers have been the smaller plants of the new Chinese Rhododendrons in the nursery. The beds of the dainty dwarf Rhododendrons (*R. intricatum* and *R. impeditum*) near the Cactus House are hopelessly ruined, this small-leaved alpine type appearing to be very adverse to salt.

The clearing of the mud from the lake, which was last done 15 years ago, has occupied a gang of sixteen men for twelve weeks this winter.

KEW METEOROLOGICAL NOTES.

	Rainfall in inches.	Temperature.	
		Maximum.	Minimum.
1921.		F.	F.
January	2.31	60°	24°
February	0.25	61	26
March	1.22	66	26
April	1.02	70	28
May	1.09	76	32
June	0.24	88	38
July	0.10	92	45
August	1.33	81	40
September	1.62	84	37
October	0.48	83	31
November	1.80	58	22
December	1.00	58	29
Total Rainfall for 1921 ..	12.46	—	—

WEDDING BELLS.

Miss V. M. Bell	to Mr. A. Warner	at Welwyn.	Sept. 29, 1921.
Mr. J. E. Leslie	„ Miss N. Bell	„ Aberdeen.	Oct. 1, 1921.
Mr. D. MacGregor	„ Miss H. D. Dobie	„ Leuchars.	Dec. 21, 1921.
Miss H. P. Madan	„ Mr. A. S. Wood	„ Weston- under-Penzard, Hereford.	Oct. 15, 1921.
Mr. T. Oliver	„ Miss J. Todd	„ Moniaive.	Feb. 17, 1921.
Miss M. C. O'Reilly	„ Mr. L. C. Peeters	„ Calcutta.	Apr. 30, 1921.
Mr. L. G. Richards	„ Miss D. E. E. Steeden	„ Kew.	Dec. 24, 1921.
Mr. L. P. Richardson	„ Miss A. R. Mitchell	„ Sunderland.	Apr. 28, 1921.
Miss D. M. Rolfe	„ Mr. C. P. O'Brien	„ Calgary, Canada.	Aug. 24, 1921.
Mr. W. Robson	„ Miss M. Leys	„ New York.	June 1, 1921.
Mr. H. Ruck	„ Miss C. C. Cotton	„ Ealing.	July 30, 1921.
Miss E. Wareham	„ Mr. Graham Finch	„ Fort Jameson, Rhodesia.	1921.
Miss R. M. Williams	„ Rev. J. Morgan	„ Whitchurch, Cardiff.	Jan. 4, 1922.

The number of lady "Guilders'" names appearing in the above list suggests that the hint thrown out by Mr. David Tannock at the Annual Dinner did not fall on stony ground.

RETIREMENT OF SIR DAVID PRAIN.

On the last day of February 1922 another chapter of the interesting history of Kew comes to an end. On that day the fourth of the distinguished men who, since 1841, have presided over the destinies of this great establishment resigns his formidable charge to another. It seems a time to be reminiscent; to review the events of Sir David's term of office; to call to mind what he has done for Kew, for botanical science, and especially for those members of the Guild whose good fortune it has been to serve under him in various capacities as members of the Kew staff. Well-known as an indefatigable worker, entering fully into the many activities connected with the Directorate, serving on committees and councils, filling the office of president of scientific and other societies, he has led a strenuous life. Sir David has worked as much as possible in a quiet way, and a natural modesty has qualified his conduct in all things. It therefore comes about that very much that he has done is known only by accident. His fine courtesy to everybody has often been remarked upon, and his unobtrusive kindnesses have been experienced by all, but our full indebtedness to him is likely never to be realized.

During Sir David's Directorship noteworthy progress has been made on all sides. Many improvements have been effected in the Gardens, and the collections in all departments have been considerably enriched. The useful work for which the establishment has long been famous has been continued and extended, though carried on in the midst of difficulties during the years of war. The Director of Kew, however forcibly he may be attracted to research, encounters almost insuperable obstacles in achieving much in that respect, but Sir David has made several important contributions to botanical literature since he left Calcutta. Under his editorship the 'Botanical Magazine' was continued till the end of 1920; nearly three volumes of Hooker's 'Icones Plantarum,' three supplements to the 'Index Kewensis,' and several parts of the 'Flora of Tropical Africa' have appeared, and amongst official publications the 'Kew Bulletin' has been carried on with great vigour. It is worthy of record that the 'Flora Capensis,' the first part of which was published sixty years ago, is on the eve of completion, though it has been found necessary to exclude the Gymnosperms. The work was carried on by Harvey and Sonder till its suspension in 1865, and was resumed after an interval of many years under the editorship of Sir William Thiselton-Dyer. Sir David has contributed to the 'Flora Capensis,' and more considerably to the 'Flora of Tropical Africa.'

In this note we can merely hint at the Director's manifold labours. Outside his purely official duties he has been called on to serve the interests of science in many capacities. He was President of the Botanical Section of the British Association, at Winnipeg, in 1909, President of the Linnean Society, 1916-19, and has been Vice-President and Treasurer of the Royal Society of London since 1919.

Kew workers of all ranks are enjoying more privileges now than they have ever experienced before. We have had Sir David's sympathy in every movement towards improved conditions, and our indebtedness to him is immeasurable. We feel apologetic for the feebleness of our attempt to express our admiration for him, and our thanks for all he has done for us. It is the sincere hope of every member of the Kew Guild that retirement will bring to him and Lady Prain a rich reward of unalloyed happiness.

DR. O. STAPF.—As we go to press the news has reached us that Dr. Stapf, who has been Keeper of the Herbarium and Library since December 1908, will shortly retire. As is well-known, this distinguished Kewite is a native of Ischl, in Austria. He studied botany under the late Prof. Julius von Wiesner at Vienna, and subsequently acted as Assistant to Prof. Kerner von Marilaun, whose 'Natural History of Plants,' translated by Prof. F. W. Oliver, is a familiar and favourite work among botanical students in this country. In 1885 Dr. Stapf travelled extensively in Persia, studying its flora and forming a large collection of dried plants. In 1891 he was invited to join the Kew Herbarium staff as Assistant for India, and in 1899 he was given a civil service post as Principal Assistant. Dr. Stapf's numerous contributions to botanical literature are of very considerable importance. While possessing a remarkably wide knowledge of botany in its many aspects, it is not claiming too much for him when we say that as a systematist among flowering plants he is one of the most distinguished men of the time. He has done excellent work among many groups, while his researches on the grasses of India, Tropical and South Africa, have led to the production of monographs which will render his name famous throughout the world and for ages to come. He is still engaged—as he has been for several years past, as far as his other almost innumerable duties will permit—in dealing with the grasses of Tropical Africa. Naturally, Dr. Stapf is a Fellow of the Linnean Society, of which he was Botanical Secretary from 1908–16, and in 1908 he was elected a Fellow of the Royal Society. We are glad to know that on giving up his official residence Dr. Stapf will continue to live in Kew, and it is expected that he will be a frequent visitor to the Herbarium, where, freed from official duties, it is hoped he will be able to devote himself more completely to the important researches for which he has proved himself to be so finely equipped. He is an indefatigable worker, a genial, kind-hearted, and broad-minded man, whom to know well is to trust implicitly. For thirty years his many talents and fine scholarship have been placed unreservedly at the service of Kew. He deserves well of all, and especially of those among whom he has spent the best years of his life. Dr. Stapf has many admirers and sincere friends in this, his adopted country, and the greatest and sincerest are those who know him most intimately. We trust that retirement will prove a happy time for him and Mrs. Stapf.

MISS M. SMITH.—The year 1921 has been memorable in many respects. During its course records of various kinds have been broken. Up to the end of 1920, for 134 years, botanists and horticulturists had periodically received the 'Botanical Magazine,' which was founded by William Curtis in 1787. It has had a longer unbroken history than any other illustrated botanical publication. Rivalled from time to time

and occasionally all but eclipsed by other journals of a similar kind, it has been continued through many vicissitudes and has survived them all. We had almost grown to believe that the 'Botanical Magazine' was like Tennyson's brook, and would go on for ever. But even this brook must have had a trying time in 1921, and we doubt whether it had energy enough to hurry anywhere, and suspect that it passed Philip's farm at a crawl, to join no brimming river. The period of the war proved a sort of drought to the 'Botanical Magazine,' now hoary with age and rather straitened in circumstances. We knew that it was staggering; it was rumoured that it was dying. The culmination of our fears regarding our ancient friend came in the announcement by the proprietors that on the conclusion of the volume for 1920 the Magazine would be suspended. Therefore there has been no 'Botanical Magazine' for 1921. It is not too much to say that its total extinction would prove a world-wide loss, and we are gratified to observe that there are signs of an early resumption of publication. We trust that there are happy times ahead for the Magazine, but—though we may express the same hope and even more fervidly with regard to the future of the lady who has for so many years been intimately associated with it—we know that the day has come when she cannot be expected to continue to illustrate it. Nobody familiar with botanical pictures needs to be reminded that the lady referred to is Miss Matilda Smith. After spending 43 years largely employed in making drawings of plants, during the greater number of them being sole artist of the 'Botanical Magazine,' of which the first plate by her appeared in October 1878, Miss Smith retired on July 29, 1921. Since 1898 she had been the official artist at Kew, and ranked as a civil servant. Some particulars as to the amount and quality of her work were given by Dr. Hemsley in the *Guild Journal* for 1916, and we need not repeat them now. Everybody appreciates in some degree the value of pictures. What would botany and horticulture be without them? The longest of yarns by the profoundest of botanists about a striking plant does not appeal to us like a good picture of it. Miss Smith has made thousands of appeals to us by her pictures, and by means of her pencil and brush she has made a large and most valuable contribution to useful knowledge. Though she has acquired a world-wide reputation as a botanical artist, she has not confined her activities and interests to plant portraiture. The services she had rendered to Kew have been many and varied. In the position she held for so many years at the Herbarium; in her long and intimate connection with that great Kew man, her cousin, Sir Joseph Hooker; in the wide circle of friends her quick sympathies and kindheartedness have drawn around her; in her aptitude for business and in her wide store of useful general information always at hand to be used for helping somebody—she has had and taken endless opportunities of proving her worth.

In 1916, Miss Smith was our President—our first and only lady President, and certainly the best the Guild has had. The Presidency is an office of honour—the greatest the Guild can confer on its members. Miss Smith no doubt accepted it as such, but evidently also as an obligation—an obligation to make during her term of office some special effort in the interests of the Guild. What she did is known to many of us and should be known to all. The task of a debt-collector is not alluring. The Guild has many debtors—absent-minded beggars largely, forgetful of their small annual subscription. Our lady President wrote personally to large numbers of them, with splendid results. She also introduced an innovation at the Annual Meeting, held in the Chelsea Physic Garden, when she provided a tea for the numerous members and others who were present.

It is a common observation that rewards bestowed are singularly incommensurate with the value of services rendered. We have been much impressed by the illustration of this that Miss Smith's experiences afford. Though not by any means fully known, much that she has done is apparent enough; we do not see that much has been done for her. However, there is one great distinction that Miss Smith has received in recognition of her services to botanical science. In November last she was elected an Associate of the Linnean Society of London. The Associates of the Society are limited to the small number of 25, so it is a real distinction to be one of them. Miss Smith is the first lady in the British Islands to whom the honour has been given. There is only one other lady Associate, and she is a resident of South Africa. We take the opportunity of expressing our pleasure in knowing that Miss Smith has been remembered by our great natural history society, and congratulate her upon the well-merited honour bestowed upon her.

There are distinctions and records which Miss Smith might have received as her due, and which no doubt would have caused her gratification. But, even so, we are told that "true beatitude groweth not on earth." Yet we hope in all sincerity that Miss Smith's experiences during the years of her retirement will be such that in her own life she will prove the possibility of its attainment.

THE appointment of Captain A. W. Hill as Director has given very real pleasure to Guilders. Since he came to Kew in 1907 the pages of the *Journal* give abundant evidence of his devotion to the welfare of Kew and our Guild.

MR. A. D. CORTON returns to Kew as Keeper of the Herbarium on March 1 in succession to Dr. Stapf. We have also to record the appointment of Major K. W. Braid as Assistant and Mr. A. Kellet as Artist in the Herbarium.

APPOINTMENTS.

Besant, W. D., Superintendent, Kelvin Park, Glasgow.
 Best, G. A., Assistant Curator, Singapore B. G.
 Braybon, A., Assistant Curator, Royal Bot. Gardens, Calcutta.
 Butcher, H. G., Foreman, Regent's Park B. G.
 Cook, F. J., Assistant, National B. G., Kurstenbosch, S.A.
 Cousins, F. G., Superintendent, Regent's Park B. G.
 Cunningham, W. J. M., Assistant, Bai Rubber and Cocoa Estates, Calabar.
 Fothergill, G. H., Assistant, Mungpoo Ciuchona Plantations, Bengal.
 Flippance, F., Assistant Curator, Bot. Gardens, Penang.
 Luja, E., Director of Forests and Plantations, Monlevade, Brazil.
 Maitland, T. D., Botanist, Agric. Dept., Kampala, Uganda.
 Richards, L. P., Assistant, R. B. G., Calcutta, India.
 Richli, E., H. G., Villa Tatiana, Nyon, Switzerland.
 Thomas, E. K., H. G., Rhode Island Hospital, U.S.A.
 Thompson, J. A., H. G., Ithan, Penna, U.S.A.
 Tribble, F. C., H. G., Stowell Park, Foss Bridge, Glos.
 Tyrrell, H., H. G., Lamport Hall, Lamport, Northampton.

MR. A. C. MILES has resumed Government service on the Gold Coast as a Senior Superintendent in the Department of Agriculture.

INSTEAD of returning to Kew when demobilized, Lieut. A. G. Bailey, R.G.A., went to Pembroke College, Oxford, where he obtained his B.A. degree. He has recently been appointed Economic Botanist in the Department of Agriculture, Trinidad. Another recent appointment in the same department is the transfer of Mr. R. O. Williams from Grenada to be Curator of the Royal Botanic Gardens, Trinidad.

MR. E. W. DAVY, who left Kew in 1905 to take up an appointment in the Agricultural Department of Nyasaland, has been promoted to the post of Assistant Director of the Department.

MR. F. J. STAYNER is apparently giving considerable attention to military duties, having been home during the year for special training at the Officers' Camp, Chiseldon, Wilts. Our last news was that he had been promoted to the rank of Captain and could not obtain leave to join us at the Annual Dinner.

MR. H. GREEN has been appointed to succeed the late Mr. W. J. Tatcher as Superintendent of the Botanical and Forestry Department, Hong Kong. He has been Assistant since 1911.

ANOTHER Guilder, news of whose whereabouts we owe to Mr. Lavender, is Mr. J. Simmons, now Head Gardener at Parnham, Beaminster, Dorset.

in this State for an energetic young man with a moderate capital—not less than £1,000—fruit-growing, tobacco-growing, or farming; in fact, anything but gardening.

On August 29, 1921, Mr. Down again writes:—

There is a suggestion I would make to present Kewites contemplating trying their luck in any of the Dominions: *i.e.*, courses of lectures on land-surveying and book-keeping, in addition to the Kew curriculum. As far as I know, I am the only Kewite in South Australia, but I should be delighted to see any Kewite visiting this State. . . . I would like to see greater friendship between *Old Kewites abroad*. . . . I did not meet any Kewites in N. S. Wales or Queensland on my way up or returning from Papua with the Mombisi Expedition.

C. E. F. ALLEN (1904), of the Botanic Gardens, Darwin, Northern Australia, writes on August 10, 1921:—

I was interested to learn of your meeting with Mr. E. H. Wilson, whom I also was very pleased to meet up here. . . . There's not much to write about this part of Australia. . . . We are in a very poor way, but out of adversity often comes good. . . . I envy you the cool climate of the Downs, but, at the same time, for tropics we are very healthy, though this last year there has been an unusual lot of fever. . . . I am very interested in the territory, but experience makes one very careful of making statements that may turn out to be optimistic. . . . Life in Darwin can be very pleasant.

FARMING NOTES FROM QUEENSLAND.

BEING a fairly old colonist, having arrived in Queensland in 1891 and having followed agricultural pursuits practically ever since, at Mr. Leslie's request I will endeavour to give readers interested a few notes and advice to intending emigrants who may think of trying Queensland as their future home.

When I first landed, I made up my mind to take the first post obtainable as gardener. There were over fifty applicants for the post I obtained, things being at a very low ebb at that time. I started at 15s. per week and board, with a rise to £1 after a month's trial. My duties were to grow vegetables for the house, look after a bush house, keep a large flower garden and shrubbery in order, milk a cow, look after two horses and two four-wheel conveyances, and, when required, act as coachman and perform various other duties too numerous to mention. I must state that it was practically owing to a reference from Mr. McMahan, another Old Kewite, who was then Curator of the Brisbane Botanical Gardens, and references I had from Kew that I obtained the situation. I stuck the place for seven months, then my health broke down and I went to the Darling Downs, where I have remained ever since, with the exception of twelve months, when

I rented a large citrus-orchard in Toowoomba. The Darling Downs is a big stretch of country about 1,500 feet above sea-level, and has a deep, rich alluvial ground of black, chocolate, and red soil, which has proved practically inexhaustible as far as its productive qualities go, with the exception of the soil round Toowoomba (which is the capital of the Downs), which is bright-red volcanic and will grow almost anything, even sub-tropical fruits such as custard apples and guavas, but requires manure after being cropped a few years. One of the greatest drawbacks the Downs has is the severe winds, which at times extend for several months, but the soil is so prolific that, with experience, these difficulties can be surmounted.

I have always made it a rule to grow practically everything the soil and climate will produce—in fact, mixed farming, with gardening combined, is the only hope here. I would not advise anyone to think of settling here unless they can combine dairying, which means that a man with a family has the advantage, as labour is not too reliable. Lads here do not like being tied down to milking. The pay for a youth from sixteen upwards is about £1 5s. to £1 10s. per week with board, and he has to assist with other duties on the farm. Some of the large dairymen go in for milking machines, which prove very successful and are great labour-savers, but prove very undesirable if not well sterilized and cared for. All the butter and most of the cheese is manufactured at the farmers' own co-operative factories; the place I reside at (Oakey) has a butter factory with two branch cheese factories and a co-operative store combined. Being one of the directors since its establishment, I take a pride in the company. Our share capital when we started was only £1,700, now it is over £5,000, and the board has just expended £5,300 on the erection of new plant, which includes a Hornsby Suction Gas plant, this effecting a big saving over steam.

Dairying received a great impetus here whilst the war was on, and thanks to the Imperial contracts entered into, we received very high prices for our products. Taking a fairly dry spell—the period from 31. vi. 1920 to 31. vi. 1921—nineteen cows, including a few heifers on first calf, made £388 plus all milk and butter used for house, even with eleven in family. Just now, with the price down to 1s. 5½d. per lb., my cows are averaging £2 per month per head.

All cereal crops grow well here, and I always sow early if possible, and feed off with the cows to prevent the luxuriant growth which makes harvesting operations very difficult. Most of the harvesting is done with a combined harvester pulled by four or six horses, threshing and cleaning the grain ready to bag. Last season the threshing-machine came more into vogue, as farmers realize it is a big asset to have a few straw-stacks on the farm; and with the large amount of surplus wheat on hand last year, which is handled by a State Wheat Board, it has been proved that the threshed wheat will withstand the weevil far better than the stripped or harvested wheat.

Sub-artesian water is obtainable in almost any quantity on the Downs at various depths, some under a hundred feet. The bore I have is 115 feet, and with a 10-foot wheel windmill waters over fifty head of cattle, keeps the vegetable garden going in dry times and about seventy fruit trees, besides grape-vines, etc. All citrus fruits grow well, except in very exposed places on big plains, where the frosts and cold westerly winds seem too severe. Although I do not know of anyone actually making their living out of their orchards, they are a good asset on the farm, and no homestead is complete without its small orchard with the water laid on.

Gentlemen farmers are a failure here in nearly every instance. The use of petrol traction engines for farming at the price here is prohibitive, and with rather expensive machinery, which seems to be the hobby with the wealthy man, soon proves a failure.

Land improved can be purchased from £4 to £10 per acre.

In conclusion, if anything in these notes should prove of interest to readers, I will be only too pleased to furnish further information required, or to hear from Old Kewites that were at Kew with me.

W. DEARLING,

Sept. 16, 1921.

Sussex Farm, Oakey.

THE BOTANIC GARDENS, ENTEBBE.

BEFORE going into a general description of the Gardens, it may be of interest briefly to outline their history, together with a few notes on climatic conditions. Geographically, the Botanic Gardens, Entebbe, are in Buganda Kingdom, on the northern shores of Lake Victoria Nyanza (Lat. $0^{\circ} 4' 31''$ N., Long. $32^{\circ} 28' 30''$ E.). The height above mean sea-level is 3842 feet*.

Owing to the altitude, the climate is not so hot as one would naturally expect to find on the Equator. It can, however, be quite hot enough during the daytime, the mean maximum shade temperature being about 80° F. The nights are usually cool and pleasant, the mean minimum temperature being about 64° F.

The average yearly rainfall is about 62 inches. There are two wet and two dry seasons during the year, though these are not well defined at Entebbe, which is subject to frequent and violent thunderstorms at all seasons. Owing to the close proximity of the lake, the atmosphere is always highly charged with moisture. The area, including the grounds of the adjacent Victoria Hotel, which has recently been purchased by the Government, is roughly 100 acres, and the site a gently sloping hill overlooking a small bay of the lake.

Operations on the Gardens began in 1900, at which time Sir Harry Johnson was High Commissioner of Uganda. It was under the administration of the Forestry Department until April 1917, when it was taken over by the Agricultural Department.

* This is the site of the Meteorological Observatory in the Gardens.

The land was originally partly jungle and partly forest. When clearing it, many of the finest trees were left. Some of these were real giants of the forest, and are now seen standing out prominently on the lawns as magnificent specimen trees.

Undoubtedly the most beautiful of these forest trees is the "Mpewere" (*Piptadenia africana*), which is frequently a tree of truly regal appearance. It belongs to the sub-order Mimoseæ of the Leguminosæ, and often reaches a height of 60 feet, with wide-spreading and gracefully sub-pendulous branches.

A gorgeous tree when in flower is the "Kifabakazi" (*Spathodea nilotica*), of which there are many specimens. It is a small, bushy tree, reaching a height of about 20 feet, and when grown as an isolated specimen, is often completely clothed to the ground with foliage. The flowers are 5 to 6 inches in diameter, of a brilliant orange-scarlet, edged with orange-yellow. It has a long flowering period—3 to 4 months. The flowers are produced in great abundance, and in the strong sunlight the tree appears a blaze of colour, rivalling, if indeed not excelling, the better-known *Amherstia nobilis*. Other indigenous trees are "Mvule" (*Chlorophora excelsa*), "Kirundu," the "Upas Tree" (*Antiaris toxicaria*), "Mwafu" (*Canarium Schweinfurthii*), the False Nutmeg (*Pycnanthus Schweinfurthii*), *Musanga Smithii*, and *Erythrina excelsa*.

About half of the Gardens is devoted to Para Rubber and Cocoa, which has been under various experiments for a number of years. The remainder is laid out as pleasure grounds, with large lawns furnished with flower-beds and specimen trees. From practically all parts of the Gardens views of the lake may be seen, providing, together with the green lawns, the flowers, trees, and graceful palms, such enchantingly lovely scenery that the stranger may well imagine himself transported to fairyland.

One of the prettiest spots in the Gardens is the fernery, its most charming feature being its naturalness. This is a portion of the original forest, and has been left as Dame Nature made it, with the exception of a few paths and the introduction of a few exotic ferns. It lies in a hollow, and is entered by steps from the lower part of the lawn. On reaching the bottom of the steps, one involuntarily pauses, lost in admiration of the quiet beauty of the scene. It is well wooded, the trees thus providing a grateful shade. Beneath the trees the gently undulating banks of the dell are clothed with many kind of ferns, most of which are indigenous. By far the most common species is *Nephrolepis exaltata*, which grows most luxuriantly everywhere, the fronds often measuring 6 feet in height. Other ferns include species of *Pteris*, *Polypodium*, *Aspidium*, *Davallia*, *Gymnogramme*, *Asplenium*, *Nephrodium*, and *Pellaea*. Ferns of a more imposing aspect are provided by *Cyathea Dregei*, an indigenous tree fern, *Alsophila* sp., an introduced tree fern, and *Marattia fraxinea*, which is also a native.

Scattered about in the delightful groups which plants in general invariably form when allowed to choose their own homes are magnificent *Raphia* Palms (*Raphia manbuttorum*), *Phoenix reclinata*, an extremely graceful palm, and a few specimens of the Oil Palm (*Elæis guineensis*). Here also may be seen several specimens of *Encephalartos laurentianus*, a splendid Cycad indigenous to the slopes of the Ruwenzori Mountains.

Quite at home amongst the ferns are such plants as *Caladium*, *Begonia*, *Maranta*, *Amomum* spp., *Crinum* spp., including the lovely *Crinum Rattrayi*, and *Hedychium coronarium*, whilst in the more open places colour is provided by such subjects as *Salvia splendens*, *Eucharis grandiflora*, *Zephyranthes rosea*, and *Thunbergia erecta*. Overhead, the trees are clothed and festooned with *Aristolochia*, *Asparagus*, *Piper* sp., the Vanilla Orchid, etc. The forks of branches are often occupied by large plants of *Platynerium æthiopicum*. Additional interest and amusement is provided by the monkeys, which spring from tree to tree or peep from behind branches to chatter their anxious inquiries to the passer-by.

The general collection, though not at present large, is still too large to be mentioned here in detail. Probably the most decorative subjects are Roses, which do exceptionally well, and are extensively planted—Cannas, Chrysanthemums, Lantanas, Hibiscus, and *Plumbago capensis*. Noteworthy exotic trees, of which there are good examples, are the Moreton Bay Chestnut (*Castanospermum australe*), Gum Benjamin (*Styrax Benzoin*), Clove (*Eugenia caryophyllata*), Logwood (*Hæmatoxylon campechianum*), Flamboyante (*Poinciana regia*), *Melaleuca Leucadendron*, and many species of Eucalyptus. The Gardens also contain a rockery, which is devoted to Cacti, Euphorbias, and other succulents.

Not the least interesting feature is the wild fauna. Mention has already been made of the monkeys which inhabit the fernery. Another very pretty animal is a small squirrel, measuring only about 4 to 6 inches, exclusive of its fine, bushy tail. The colour is a brownish-grey, with several orange-yellow stripes running the length of the body. These delightful little creatures are unfortunately terrible thieves, and take great toll of the cocoa, biting a hole in the pods and extracting the beans.

To the lover of birds the Gardens are a paradise. Thousands of birds in great variety and of almost every imaginable colour may be seen here, from the great, clumsy Hornbill with its harsh voice to the lovely little Sun-birds which hover over a flower like living jewels, daintily thrusting in their long, slender bills to sip the nectar.

An always welcome friend—since he reminds one of home—is the Pied Wagtail, which here is so fearless that if the door be left open, it will frequently come daintily tripping into the house with all the assurance of perfect confidence.

But our feathered friends are far too numerous to allow of any

attempt at a description of them in this paper ; it would need a large book to do them justice.

The work of the Gardens is of a varied nature, probably the most valuable being that of raising and distributing plants, especially fruits, of which there is a great scarcity in the country. We have now a fair collection of fruits, and new species and varieties are continually being added.

Experiments on a fairly large scale are carried out with various economic plants, chiefly at present with Para Rubber and Cocoa. The meteorological work of the country is carried out here, and the Gardens contain the largest and best equipped observatory in the Protectorate. Last, but not least, the gardens provide a pleasant evening's walk or rest for the people of Entebbe, and are also much appreciated by the few globe-trotters who visit Uganda.

C. HAZEL.

A MEMORY.

It was somewhere in sweetest September
That we went for that venturesome trip—
A holiday long to remember
When others would give us the slip.
It calls up a vision enchanted
Of wonders that travellers view ;
Yet our diaries say that it lasted one day,
And we spent it together at Kew.

We sat, you'll recall, on a lakeside,
And looked on an anchorite's isle,
A place where we felt that St. Somebody dwelt
In a holy and hermitic style,
As we talked of the Lake of Killarney,
And the country of Brian Boru.
But they tell me to-day—and I can't say them nay—
That 'twas only the Gardens at Kew.

We walked in a wonderful woodland,
Whose pastures can't well be expressed,
And we talked of the forest primeval,
And of Minnehaha, and the rest.
And we heard the great solitude telling
A tale of the Flint age—or Stone ?
Yet they vow it was only Kew Gardens,
At the end where the grass isn't mown.

And I fear, though the fairies we met there,
That they're right, and mistaken I am ;
For it only cost sixpence to get there,
And we went all the way in a tram.
And we stayed—at the most—but five hours,
But I know this is perfectly true—
Yes, we journeyed, I know, to a far land, although
It was only Kew Gardens—and you.

E. M. D.

(From the Christmas Number of 'Home Magazine'.)

NOTES FROM NOMBI MULLALEY VIA CUNNEDAH.

I PRESUME you are having some warm weather now in dear old England, but here it is our midwinter, and we are getting cool winds. I have been in Sydney until recently, but as they had 21 inches of rain in the month of May, and I had rheumatics, I was induced to come up here to a dry climate, 200 miles N.W. from Sydney. They have had a drought here, but since I came we have had 2 inches of rain. It has made the herbage spring up like magic in the paddocks, which were quite bare of any living thing except a few Eucalyptus-trees, *Acacia pendula*, and *Geijera salicifolia*—a nice shade tree known as "Wilga." There is a mountain (Mt. Nombi) about 3 miles away. I am doing a bit of botanizing, which may interest the readers of the *Guild Journal*.

At the foot of Mt. Nombi there is a thick growth of Australian Tobacco (*Nicotiana suaveolens*), and in scaling the sides of the mountain I became enmeshed in a thick growth of the Porcupine Grass (*Triodia irritans*), which has very rigid needle-like points, and is a thing to be avoided if possible. In a bit of a gully I came upon a good ornamental feathery grass (*Stipa verticillata*); it grows about 8 feet in height, and would be an acquisition to any garden. The trees growing up the mountain-side are *Ficus australis*, *Duboisia myoporoides* (Dog Wood), *Acacia falcata*, and *Alphitonia excelsa* (Red Ash). *Sterculia diversifolia*, known as "Kurrajeng," makes quite a handsome tree with its bright, shiny foliage, and this is the very best tree we have in time of drought for feeding the stock upon. *Callitris cupressiformis*, known as the Cypress Pine, is very common and is the principal timber used by builders, but it is an awfully knotty wood.

Capparis loranthifolia is a very interesting shrub or small tree of the Nat. Order Capparideæ; it has bright leathery foliage, and is known as Mock Orange and "Native Pomegranate." It puzzled me considerably until I caught sight of an inflorescence with a long gynophore, and there my botanical knowledge came to my aid. The most common shrub here is *Beyeria viscosa* (Euphorbiaceæ), with its lively green foliage. *Croton phebaloides*, of the same Nat. Order, is a fairly common shrub too, but the foliage is of greyish hue and, when crushed, it emits a pungent odour. When at Kew, I had a few very good *Correas* under my charge in the Heath House. There is a plant growing here—*Correa glabra*, var. *leuocolada*—which forms a nice shrub 7 ft. in height. Some of the shoots are over an inch in diameter, but the flowers are not very conspicuous. There are some terrestrial Orchids springing up on the mountain-side, which will be interesting later on if I remain here long enough to watch them develop. There is an aboriginal man working here, and, knowing that I am interested in plants, he often tries to puzzle me with them. The other day he brought me a couple of Orchid seed-pods from an epiphytal Orchid, and he opened his eyes a bit when I described the kind of plant he got them from.

I may be back in Sydney by the time you get this, where I often see some of the Old Kewites—namely, Mr. E. Fowell, Mr. J. L. Boorman, and Mr. M. Smyth.

I was sorry to see by the *Journal* that so many of our good men went under in this cruel war. One of my sons was killed in France 13 months ago.

With best wishes for success to the *Journal*.

ALBERT GREEN.

A PLEA FOR LITERATURE.

Books are very important factors in moulding the lives of men. It is not enough to say that life is modified by the influence of good books: there is sometimes a transformation. Life is not merely broadened: it is enriched and coloured to a great degree. These facts are borne out by personal experience and by the testimony of numerous other happy folk.

At this point it may be asked: "Surely you do not recommend literature to a young Kewite as an aid to attaining proficiency in his profession?" I do. I am sure that incalculable gain will result from allowing books to help in striving for success in life. There is, however, one qualification—it requires a sympathetic nature to be able to get the best out of literature. Some there are to whom literature is never more than a name. An unkind fate condemns these people to a lower plane of existence.

In these few notes I can only very briefly point the way to the best in literature.

In the first place I want to urge the necessity of procuring, and using, a good dictionary. Then suitable weekly and monthly magazines should be read. My own favourites are 'John O'London's Weekly' and the 'Literary Guide.' Also, though this may seem strange to some, the daily paper is a form of literature not to be despised.

It may be well to warn readers against the more "trashy" fiction, of which there is always an abundance. This is not worth reading whether leisure is limited or not. However, there are some works of fiction, which, though written primarily to amuse, contain instruction in the art of living. In this connection the novels of Thomas Hardy take a high position. Hardy illuminates the naked realities of life, and prevents us from developing into super-idealists, if the term may be allowed. Kipling is a great inspirer, though his influence may not be altogether good. Among other writers whose acquaintance should be made are Wells, Stevenson, Meredith, Scott, Carlyle, and, last but not least, Jane Austen, with her century-old but ever new sketches of domestic life.

Of the books having a more direct bearing on the philosophy of life one of the greatest is Herbert Spencer's 'First Principles.' It should not be "tackled" by the beginner, but eventually it will well repay attention in shedding rays of light on things hitherto shrouded in darkness, and helping much towards a more full and complete life.

Other works which have proved very stimulating in my own case are Arnold Bennett's 'Pocket Philosophies,' and the teachings of Epictetus, the old Greek Stoic.

In conclusion, a brief mention may be made of books useful from a strictly professional point of view. I shall leave out treatises as being necessarily outside the scope of this article.

One of the greatest books of this class is Darwin's 'Origin of Species,' which caused so much controversy during the latter half of the 19th century. Though Darwin's views are shared only in a modified form by present-day naturalists, his masterpiece and its sequel, the 'Descent of Man,' are well worth study.

Such a book as White's 'History of Selborne' should be too well known to need commendation. It has earned a lasting place in literature.

Biographies of eminent naturalists, such as that of Sir J. D. Hooker, should prove great sources of inspiration for us. They should also excite our admiration for the men who did so much to broaden and ennoble our great profession.

Space and writer are inadequate to a just presentation of the claims of literature. I shall be content if the foregoing remarks encourage any of my fellows to seek and find in books what I have found.

ERNEST NELMES.

KEW MEN IN NORTHUMBRIA.

NORTHUMBRIA, using the place-name in the ancient rather than the modern sense, is not altogether a well-favoured horticultural region. Pennines broad ling-clad shoulders, and its Cheviot head are a dominating element in this narrow part of Britain. Yet these same features, along with its history, lend romance to the land, and such beautiful sequestered vales as those of the Tees, the Tyne, and the Tweed, offer wonderful scope to the prosperous business community horticulturally bent. Market gardening, with large and dense populations to provide for, is an extensive and flourishing industry. The climate is relatively harsh, yet tempered somewhat by the proximity of the North and Irish Seas. It might surprise many plantsmen of Kew, both past and present, to learn that at Sir Arthur Middleton's seat at Belsay Castle there are flourishing in an old disused quarry *Desfontainea spinosa*, *Eucryphia pinnatifolia*, and *Fitzroya patagonica*, among other choice and comparatively tender plants.

Fruit production is, in consequence of chilly springs, at the greatest disadvantage. Nevertheless, the northern gardener triumphs sufficiently over his difficulties to produce passable peaches on open walls, and to justify the existence of a Fruit Show and Congress at which apples and pears play a conspicuous part. Mention, too, must be made of the miner and industrial worker with their enthusiasm and skill in allotment gardening. They produce the finest leeks on earth, and

their show produce in general, although put up with but little artistry, would not disgrace a Beckett.

From the foregoing it will be gathered that a Kew man when gravitating to the north-east will find that he is in no sense horticulturally exiled.

Among those whom destiny has placed here is George Harris, who left Kew in 1874. Although he did not come north immediately, he was in charge of the gardens at Alnwick Castle long enough to leave a permanent impress upon them, and it is now eighteen years since he resigned that position to launch upon the commercial gardening enterprise he still directs with enthusiasm and success. At Westerhope, Mr. Harris has one of the largest glasshouse areas in the north, and as a testimony to his optimism, he has this winter had erected by Messrs. Duncan Tucker a new block of houses 160 ft. long and 60 ft. wide. Tomatoes and Chrysanthemums are his principal crops, and among the latter he finds nothing better than *Niveus*. Although a Devonian, Mr. Harris will probably have few, if any, regrets at his lot being cast among Northumbrians.

Another Kewite who has spent a good number of years in the north is Mr. George Shotton. In his stewardship at the Prudhoe Hall Farm Colony he has evidently a congenial task, and the writer in his lecturing capacity has frequently had the pleasure of Mr. Shotton's chairmanship.

In the technical or instructional sphere of horticulture, Kew men are found in evidence whatever part of the kingdom it may be, and this is true of Northumbria. Leaving out the Yorkshire contingent, there is Mr. W. S. Sharpe (1897) in Durham county and Mr. C. W. Mayhew (1908) in Northumberland. Kew, it is true, has suffered a set-back in Cumberland and Westmoreland, where, up to the beginning of the war, Mr. W. B. Little reigned supreme, going on from there to distinguish himself in a far less peaceful avocation.

It is pleasant to record that Northumbria has given, as well as received, Kewites. One of the most fertile spots in this respect is Wark-on-Tyne. The village schoolmaster there (now just retired) is not a little proud of such of his proteges as Mr. T. W. Brown, of Cairo, Mr. W. Robson, of Montserrat, the brothers Messrs. J. and H. Hutchinson, Mr. J. Scott, and Mr. W. C. Scott, a Present Kewite.

There are other stars, as the Guild Directory will show, shining in this northern firmament, but the writer has as yet had little if any acquaintance with them, locally. One of them, Mr. R. Simpson, was known in the Morpeth locality a few years ago, when his steady, skilful, and conscientious work as a gardener was equalled only by his ardent activities as a lay preacher on Nonconformity.

Although distance and the passage of time may moderate one's earlier appraisal of Kew and its influence on its graduates' subsequent careers, it cannot be denied that the esprit de corps which governs the majority of Kew men makes one's erstwhile association with this horticultural Alma Mater worth while.

C. W. M.

WHERE ARE THEY AND WHAT ARE THEY DOING?

MR. M. T. DAWE.—In our last issue we recorded the fact that Mr. M. T. Dawe had been entrusted by the Secretary of State for the Colonies with a mission to the Gambia. This mission he duly carried out, and his report has now been published by the Crown Agents on behalf of the Government of the Gambia.

Mr. Dawe returned to London towards the end of March last, and left again early in April to take up a new appointment in Portuguese West Africa. Writing from Loanda on April 30, announcing his safe arrival, he states:—"At St. Vincent (Cape Verde Islands), owing to famine conditions there, we took on board about 400 negro passengers for St. Thomé. Of these, seven or eight died on the way out from some unknown disease, and one fell overboard and was drowned. To add to our troubles, the captain of the boat died before we reached port. What with the crowded condition of the boat and the bad accommodation, this is the worst voyage I have ever experienced."

At Loanda he stayed a few days with an Old Kewite, Mr. J. Gossweiler, who is Director of the Botanic Gardens and lives some distance out of the town. On May 8 he left for the Congo, and spent some months exploring that country. Mr. Dawe writes that tsetse-fly and sleeping sickness are prevalent, but on the whole he had an interesting though rather rough trip.

As usual, he made a botanical collection for Kew, and his journey revealed the existence of several important but hitherto unknown waterfalls, which may eventually prove valuable sources of power. Writing on September 19 from Cabinda, Mr. Dawe describes this as the nicest place he has been in on this coast; but travel appears to be very difficult owing to lack of communication, and to get from one place to another along the coast, special boats have to be chartered at the cost of a small fortune. On October 1 he wrote from Cheloango, stating he was starting on another trip to the interior, and on November 12 he wrote that he had just returned after a most trying time. He was then busy packing and despatching his collections and preparing to return to Loanda.

MR. ALEXANDER HISLOP.—We have known for some time that Mr. Hislop's health had broken down, but as a considerable number of dried specimens (about 600) have come to hand at intervals during the last few years, and also a few plants and bulbs, we were shocked to receive through Mr. J. Newberry (Pietermaritzburg) the following report from the "Resident Officer," St. Faith's Mission, Rusape, Rhodesia, dated October 14, 1921:—

Mr. Hislop is paralysed on one side. He can get about, though he has difficulties with the one leg. His speech, too, is lacking. He understands, but has great difficulty in finding the words wherewith to express himself. He has practically had to relearn his vocabulary, with the result that his speech is that of a child. On the other hand, he is

amazingly keen as to his profession, making botanical collections and sending specimens to Kew. In so far, however, as practical work is concerned, and especially in regard to looking after labour, he has the mind of a child. We took him in here as a kind of charity. He would not be able to get work in the outside world. He potters about, keeps the Mission garden in order, looks after the trees, and makes himself useful. On the whole, he is very happy. If any of his friends would like to make any donations to help him, I should be glad to receive them.

[In view of this letter the Director is sending £10 as payment for the dried specimens received at the Herbarium.—ED.]

M. LOUIS GENTIL, our President of 1915, has resigned the position of Curator of the Brussels Botanic Gardens. With his wife and family he left for the Belgian Congo in March, where his brother has been in business as a trader for 20 years. Mr. Gentil is settling at Niengélé, near Lusambo, on the Sankura River, to help his brother in the exploitation of forest products. The property possesses thousands and thousands of trees of *Pentadesma butyracea* (Butter-tree), which produce nuts with butter.

In his last letter from Brussels, Mr. Gentil writes:—I am tired of the actual European life and general exploitation—in fact, the taxes and the cost for a bare existence here is such that it is nearly impossible to enjoy life. I am taking all my furniture, including piano, organ, pictures, and bath. Our transactions with original products will be such that I shall live as a king, with full liberty, sun, and far away from white civilization. My brother has built spacious houses and stores; they have their own electricity and ice plant, living with all the European comfort. An egg is worth $\frac{1}{2}d.$, a chicken $7d.$, and oil “nearly free.”

WHEN sending a contribution to the War Memorial and a second £1 for Life Membership, Mr. William Falconer writes from Allegheny Cemetery, Pittsburg, U.S.A. :—

The noble boys gave their lives that we might live, and it surely becomes us to honour and perpetuate their names and memory, happily, indeed, within the gates of the great Garden of Kew, where all have laboured.

Keep the *Journal* alive and lively; it comes home to us, old and young, like the revisit of an absent child, exuberant in interest and information—a joy in the family.

MR. THOMAS J. DINN writes:—I have left the service of “Clengendaal,” and have started business as a Garden Architect (the name Landscape Gardener does not seem to me to express the real scope of this profession), my present address being 12, Wassenaarsche Weg, The Hague.

The last *Journal* makes quite interesting reading; yet I am inclined to agree * with Mr. A. S. Galt that the Guild could do more

* [Another writer suggests it ought to have gone into the waste-paper basket.—ED.]

for its members, and Kew made more of a University of Horticulture. Kewites ought through the Guild to know more about each other's work, and through this knowledge help each other more than at present. To give an instance: I am much interested in alpiners, rock- and wall-plants. I should be only too pleased to get into touch with Kewites making a speciality of these. ———

His old friends, particularly Mr. John Cameron (late Bangalore) and Mr. W. Nock (late Ceylon), will regret to hear that Mr. George Harris, Pilton Gardens, Westerhope, Newcastle-on-Tyne, has recently undergone two operations in a nursing home. We are pleased to say the doctor hopes in time for a complete recovery. With additions this winter, Mr. Harris now has 34,000 feet of glass, the extensive market garden we understand being freehold. It will be 48 years next May since Mr. Harris left Kew. He has a son associated with him in the business, and there is also a grandson, destined to carry on the business if grandpa has his way. ———

MR. H. F. MACMILLAN acted as Assistant Commissioner of the Rubber and Tropical Products Exhibition held at the Agricultural Hall, Islington, during June 1921. Mr. W. H. Patterson had charge of the Gold Coast exhibit. ———

MR. SMYTHE has returned to the "Old Country" from Australia, and is living with a sister at Wimbledon. He was in the Gardens a short time ago, and promised Mr. W. H. Young to come again, but did not leave his address. ———

MR. STANLEY ARDEN, in notifying his change of address from Boscombe to Worthing, writes:—I very much regret that I cannot be with you on the occasion of the unveiling of the War Memorial and Guild Dinner. Few things would afford me greater pleasure, but I have never completely recovered from the severe illness I had in the East eight or nine years ago. The *Journal* comes regularly to hand and is most welcome. I am sorry that financially the Guild is in low water, and enclose a cheque for £1 in payment of the additional Life Subscription. ———

HAVING no news from Mr. James Smith (who left Kew in April 1869) since the Guild was started, his name was deleted from the Directory a few years ago, but we hear from Mr. H. Judd that he is still alive and living at North Plainfield, New Jersey, U.S.A. ———

MR. W. H. JUDD is President for the year of the Gardeners' and Florists' Club of Boston. When visiting the Arnold Arboretum recently, Mr. Robert Barton stayed the week-end with Mr. Judd. He is now at Hamden, Conn.

MR. G. A. BAKER writes from Laindon, Essex:—I have a small nursery here—two 100-foot greenhouses and about an acre of ground. This is a growing place on the London, Tilbury and Southend Railway. The local trade is not quite sufficient at present to keep me going, so I grow some cut flowers for Covent Garden Market.

HEARTIEST congratulations to Mr. John Fraser, whose name appears in the latest list of recipients of the V.M.H.

WITH Mr. Daniel Bliss, Superintendent, Mr. J. Richardson, Assistant Superintendent, and Mr. R. Grundy, Propagator, we now have three representatives in the Park and Cemeteries' Department, Swansea.

MR. A. J. HARTLESS recently succeeded his father as Head Gardener at King's Walden, Bury, Hitchin, Herts.

WE learn that Mr. Montagu Free staged a very fine group of Ferns from the Brooklyn B. G. at an exhibition of Tropical Ferns held in the Horticultural Hall, Boston, U.S.A., in September.

OWING to ill-health, Mr. A. W. Benton recently resigned the post of Head Gardener at Government House, Falkland Islands, after twelve years' service. Those who know our Curator best will not be surprised to hear that an appeal for work from a man with a wife and ten children (the eldest 13 years) was not made in vain, and Mr. Benton is now employed temporarily in the Kew Arboretum.

MR. H. H. THOMAS still retains the Editorship of 'Popular Gardening,' though this interesting weekly has changed hands during the year, and is now one of the Link House (Fetter Lane) publications. Mr. C. Boff, another Kewite, is Editor of 'The Smallholding,' published at the same address.

MR. P. BALLY left Switzerland for the United States during the summer. He worked for a time with Mr. J. B. Reardon at the Cambridge (U.S.A.) B. G., but is now employed in a garden at Worcester, Mass.

SINCE his return from a trip home in 1920, Mr. H. E. Downer has taken up the important position of Horticulturist at Vassar College, Poughkeepsie, N.Y. He is succeeded at Smith College by another Kewite, Mr. J. Ellis.

THOUGH still in Surrey, we had not heard of Mr. Ted Miller since he left Pyrford Court until recently, when Mr. W. L. Lavender discovered him in charge of the gardens at Crow Clump, St. George's Hill, Weybridge. His bonnie twins are now smart young men of seventeen summers, with a sister a few years younger.

MR. GEORGE BATES is now in business on his own account as a Nurseryman and Florist at Walthamstow.

ANOTHER Kewite to start in business is Mr. W. F. Godfrey who, with his brother, has purchased a Nursery and Florist's business at Whitstable, Kent.

DURING the absence of the Manager, who joined his Majesty's Forces during the War, Mr. F. R. Long has been in charge of the Lunas Rubber Estates. The following extract from the *Straits' Times*, dated February 18, 1921, occurs in the Annual Report of the Company: "During his (Mr. Long's) period on the estate improvement has been effected in every department. His energy, skill, and experience have been of the greatest value to us."

MISS L. H. JOSHUA has left Messrs. Wallace to take up the appointment of Foreman-Instructress at Swanley Horticultural College.

MISS M. L. YEO is now a member of the staff of the International Institute of Agriculture, Villa Umberto 1, Rome.

AT a recent meeting of the Guild Committee it was decided to send £5 from the Benevolent Fund to Mr. R. Lewis Castle, who is in ill-health and needy circumstances.

MR. HENRY J. DAVIES has retired from the post of Superintendent of the Government House Gardens, Lucknow. Mr. Davies is now living at Farnham, Kent, where we hope he will enjoy a well-earned rest after twenty-seven years' work in India.

MR. J. R. WIGMAN's brother was recently at Kew and informed us that his brother is now living in Amsterdam.

WE regret to hear that Mr. W. J. Thompson has lost his sight.

MR. J. ADAMSON has left Chepstow and joined Mr. T. Oliver in his nursery business at Moniaive, Dumfriesshire.

WE have tried, but without success, to persuade Mr. John Kidwell to write of his experiences in Hawaii. The following extract from Honolulu papers will be read with interest: "At the banquet given by the Hawaiian Pineapple Packers' Association at the close of their first Agricultural Conference, Mr. John Kidwell, the pioneer pineapple grower, was given a standing ovation. He made the present industry possible through his introduction of the smooth Cayenne variety many years ago. He is also given the credit for having first packed pineapples in their own juice." In another note Mr. Kidwell is referred to as the "Pilgrim Father" of the industry.

A TRIP THROUGH THE WEST INDIES AND
BERMUDAS.

THE British West Indies and Canada are linked up by a regular fortnightly steamship service and passengers travelling by this route have ample opportunity of visiting the principal islands of the Windward and Leeward groups, the journey occupying sixteen days.

In 1919, owing to lack of accommodation on the steamers plying direct to England, I was compelled to travel viâ Canada, and thus had the good fortune to visit the Botanic Gardens on the various islands and meeting the men in charge, who, it is interesting to note, are principally Kewites. Kew can at present boast of about nine men in this part of the world.

The Trinidad Botanic Gardens are amongst the oldest in the West Indies, their centenary being celebrated in 1919. They contain a large collection of plants and trees of all descriptions, both economic and ornamental. In the eastern portion of the garden, Government House, the residence of His Excellency the Governor, is situated, and a portion of the garden in this vicinity is reserved for his private use. To the south of Government House there is a formal flower garden where a display of bright flowers is usually to be seen. The Trinidad Gardens are the only ones, I believe, in the West Indies which possess a formal flower garden of this nature.

Much might be written concerning these famous old gardens, but a fuller description will be found in the Kew Guild *Journal* for 1917 and Kingsley's enthusiastic description of the gardens in his 'At Last' is still applicable to-day.

Leaving Port-of-Spain in the early hours of the evening one reaches St. George's, the capital of Grenada, at daylight, 6 A.M., the boat remaining only three hours. By small boats the passengers are conveyed past the old fort at the entrance of the bay into a beautiful harbour known as the "Carenage." This bay and the old-fashioned buildings of the town thickly dotting the neighbouring hills make one of the prettiest views to be seen in all the islands. The gardens are only a few minutes' ride from the wharf, and the spout lands, an annex made to the gardens in recent years, are really a promontory of the bay. This area, with its neatly kept lawns and flowering trees, has a great attraction for visitors and is a favourite bathing place for the natives. The Botanic Gardens proper are small but possess a good collection of tropical plants growing on undulating well-kept lawns. They, however, suffered heavily in the storm, September 1921, over one hundred trees being blown down.

The West Indian Mahogany (*Swietenia mahogani*), the White Cedar (*Tecoma leucoxydon*), and the Clammy Cherry (*Cordia collococca*) are all commonly found in the island, also an abundance of *Tecoma stans* and a pretty scarlet-flowered terrestrial Bromeliad. Strangely enough, although the climate of Trinidad is similar to Grenada, the above-mentioned plants are far from plentiful there.

When time permits a most interesting trip can be made to the dependency of Carriacou, a small island about thirty miles from St. George's. The trip is usually made by sloop and in good weather it may be reached in six to eight hours, but it has been my misfortune to take as many as thirty-one hours when beating up against adverse wind and tide. London Bridge, a small rock with a hole through it, is passed in mid-ocean, then Isle de Rhonde, a seat of the whaling industry, and the famous Kick'em Jenny, which is little more than a rock but around which the current usually proves troublesome. Carriacou is reached at last. The island is practically devoted to cotton-growing, interplanted with corn in the wet season. There are only two large estates, and they are principally planted with limes. The peasantry appear very prosperous and have well-built and maintained cottages, a somewhat marked contrast to those usually found in this part of the world.

I have, however, somewhat digressed from my journey. Leaving Grenada at 9 A.M., the boat is due at St. Vincent at 2.30 P.M., remaining until 5 P.M. I was met by Mr. W. M. Sands (now in Malay) and piloted through the charming old gardens which were established more than a century ago. In the short time at my disposal Mr. Sands showed me his hybrid Bougainvilleas, which at that time had not "declared." A distinct difference was even then to be observed in foliage. Subsequently two of these turned out to be new varieties and were named "Lady Watts" and "Master Norman."

The St. Vincent Gardens can boast of some interesting palms, one of the prettiest being the Sealing Wax Palm (*Cyrtostachys renda*), a bushy palm with bright scarlet leaf-sheaths and petioles which are such a marked contrast to the dark green of the stem below. *Pinanga Kuhlii* is another pretty palm with red fruiting branches and black seeds.

Close by the gardens is a small experiment station where important work in the hybridisation and selection of cotton has been done by Messrs. Sands and Harland in recent years.

After leaving St. Vincent the next stop is Barbados, which is reached next morning, and here the boat remains for three days. Barbados has no Botanic Garden, but can boast of a well-kept park (Queen's Park) in which many tropical plants of interest are growing. The yellow and crimson Cordias (*Cordia Sebestena*) do remarkably well on the calcareous soil of the island.

An experiment station under the control of Mr. J. R. Bovell, I.S.O., adjoins the Boys' Reformatory, and important work has been done in recent years in the raising and selection of sugar-cane seedlings.

The next stop is at St. Lucia, which takes a day to reach. The approach to the wharf is through a long picturesque channel. A stay of five hours was made, during which time opportunity was found to visit the Botanic Gardens, the Ground Provision Depot, and the Lime Juice and Bay Oil factories. All are in close proximity to the wharf.

The gardens are small, about seven acres in extent, and owing to their situation land crabs are troublesome. Notable flowering trees include the Cassias and Queen of Flowers (*Lagerstroemia Flos-Reginae*). I did not see Mr. Brooks, who lives farther up the coast. The Lime Juice Factory and the Ground Provision Depot are both evidence of his keenness and energy in the island and are well worth a visit.

The next island is Dominica, which is reached at daylight. The Botanic Gardens are very fine, and there is probably no better cultivated collection of plants in the West Indies. Mr. J. Jones, the Curator, deserves great credit not only for the number of species he has been successful in introducing and cultivating, but also for the manner in which the gardens are laid out and kept.

I landed as soon as the boat dropped anchor and went direct to the gardens, where I telephoned to Mr. Jones, who detailed a guide to show me the way by Jack's Walk, a narrow steep path, to his house. This is a charming spot commanding a view of the gardens. From the ship the hill top looked very bright, clustered as it is with Flamboyantes (*Poinciana regia*). Mr. Jones took me through the Lime plots, where some interesting manurial and other experiments were in progress.

At breakfast I had an opportunity of tasting "mountain chicken," which is really a frog, the legs of which are the delicate edible portion. Having once got over my prejudice, I certainly found them very good eating. I was lucky to get a ripe Durian (*Durio zibethinus*), which was my first experience of this fruit. It filled Mr. Jones's office, or rather the air, with its obnoxious odour. Having summoned up courage to try it I found the flavour good, but nothing to be very keen over. Just as I finished, Mr. Jones told me the troublesome part about the things were that one could taste them for about three days. I did not have this experience, but I did taste it certainly till well on into the next day, and it was not pleasant to be reminded of the smell, combined with the taste, during the qualms of sea-sickness.

The plots of grafted Cacao, the result of pioneer work by Mr. Jones, look very healthy and have the characteristic bushy habit of grafted and budded Cacao.

I had two hours in Montserrat next morning, where I was met by Mr. Galway. He took me to see a Lime plantation, which he informed me was typical of that to be seen in Montserrat at the present time, the trees being badly affected with die-back and black fungus. In the Experiment Station seed selection and experiments with Papaw and cotton formed the principal work. Bay seedlings were being raised in large quantities, and I was taken to a one-acre block 5-6 years of age which Mr. Galway told me gave a profit of £52 sterling in 1918.

Mr. Collens met me on board at Antigua. The boat lies several miles out, passengers being taken ashore in a steam launch through a long, picturesque channel. The gardens are about seven acres in extent, and were originally a dumping ground. Mr. Jackson the Curator

(now in St. Vincent), must have had difficult work to transform the ground to its present condition. The collection of succulents is interesting. I was somewhat astonished, both here and in Montserrat, to see the stunted appearance of the Saman trees compared with those in Trinidad. *Nelumbium speciosum* grows in great profusion in the river-beds and must be a fine sight during the rainy season, which I presume is its flowering period.

The whole of the next day was spent at St. Kitts, where Mr. Shepherd took me through the Botanic Gardens and Experiment Station and explained his cotton experiments. He has very pronounced ideas on the suitability of St. Kitts strains for St. Kitts instead of imported varieties. I was shown fields of cotton which had received no manure for sixteen years and yet appeared in good condition; the inhabitants of St. Kitts are truly fortunate in possessing such a fertile soil. In the gardens I saw a plant of the Date Palm in full fruit; this palm does not fruit in Trinidad.

This was our last port of call in the West Indies, and three days' steaming brought us to the Bermudas. The boat lies several miles off on the upward journey as the channel is very difficult to navigate, the islands being surrounded with coral reefs. The Bermudas are a pretty group of islands, and nothing in the West Indies can compare with them in point of beauty. They are a cluster of small islands, the larger being connected with bridges or causeways. Seen from the sea the view is very picturesque, as all the houses are built of white coral and are clustered among Bermuda Cedars (*Juniperus bermudiana*). This tree is the first reminder that one has passed out of the tropics.

We wended our way ashore through islands large and small on waters teeming with fish. On landing I went to the gardens, which are small and used principally for experimental purposes. A feature of the Bermudas is the great wealth of Oleanders, which grow and bloom very abundantly. Four more days brought us to St. John's, Canada, where we left viâ Montreal *en route* for England.

R. O. WILLIAMS.

MALTA.

THE Island of Malta consists entirely of limestone rock covered with a thin layer of rich red soil. The surface is very undulating, and although every possible yard of available soil is cultivated, there are large areas of practically barren rock.

In only a few of the larger valleys can the land be cultivated as at home, the remainder being formed into small terraced fields on the hill sides.

The seasons are different from the more northern climes. Seed-time for crops is from August to September, and for flowers right into November.

Rain seldom or never falls earlier than September, then the things begin to grow, and in a short time what was barren land is a carpet of green herbage.

Generally speaking, water is scarce in the Island and drought is one of the worst evils. In a few favoured valleys, or when a prosperous farmer has been able to sink deep wells into the rock, irrigation is possible, and under such conditions three crops of potatoes can be grown each year.

The question of manure is a problem. There appears to be plenty of mules and goats but few cattle. Stable manure sells at £1 per load, and the bark which falls from the evergreen Carob tree is collected and sold at 1s. per 4-gallon petrol tin. Leaf-mould is not obtainable in the Island and has to be imported from Italy at a cost of £1 per sack, and peat at £2 per sack—a truly prohibitive price. Very little is done with chemical manures, although a few enthusiasts are endeavouring to popularise them.

The people are a backward race and not amenable to new ideas. Their tools are most primitive; a spade or wheelbarrow are unknown. The principal tool is a half drawhoe, half mattock, with which the soil is chopped and scraped into small mounds and then levelled. When soil is moved it is carried in baskets.

Vegetables of all kinds are plentiful—cabbage, cauliflower, French beans, peas, etc. Cauliflowers grow to perfection and are very cheap at the present time. Enormous field crops of plum tomatoes are harvested over a long season.

Trees in the Island are very scanty—in fact, one of the first things a stranger notices is this lack.

The chief tree is *Ceratonia siliqua*—the Carob-tree—the seed-pods of which are the Locust beans of commerce.

The principal roads in many of the towns are planted with Oleander trees, double and single flowered, dark red to the palest pink, the single pink being very beautiful. *Schinus molle*—Weeping Pepper—with its grey-green, drooping, fern-like foliage, is to be seen in nearly every garden; at the present time some trees are still flowering, while others are hanging with long sprays of coral-coloured berries.

Another noticeable tree is the Norfolk Pine (*Araucaria excelsa*), used as an ornamental tree in gardens; it has a very picturesque effect towering above the house-tops.

The banana grows quite easily, chiefly the variety with short, thick fruit and a very cut-up leaf.

Date Palms fruit in sheltered spots. I saw two palms with large bunches of fruit so heavy that they were tied up with rope.

Vines, figs, and prickly pears seem to be planted where nothing else will grow. The vines are left to do pretty much as they please, not staked or supported in any way. Where the land is so barren that nothing will grow, holes are cut in the rock and filled with soil and vines planted.

Oranges and lemons are very plentiful; the pickers have no respect for the bushes, as every orange is broken off with anything up to 6 inches of stem and leaves attached.

When I arrived in October, although the season was practically over, the flowers were still really wonderful. Walls covered with *Plumbago capensis*, *Solanum Wendlandii*, Bougainvilleas, in three different colours, *Antigonon amabile*, with its pink sprays of flowers, *Duranta Plumieri*, in flower and fruit at the same time, the mauve flowers and yellow berries making a charming background. *Plumbago*, *Bignonia* and *Hibiscus grandiflorus* were among the most plentiful and conspicuous plants.

Poinsettia pulcherrima, which is still flowering (December 14), is a picture. I saw in a garden two bushes quite 10 feet high with hundreds of flower-heads with bracts of the most brilliant red.

Daturas, the white, yellow, and purple varieties, are quite common; the flowers, like long, hanging bells, delicately perfumed.

Cuttings seem to strike quite easily in the open. In November I put in Pelargoniums, *Coleus*, *Salvia splendens*, and Marguerites, all of which have rooted.

Flower seeds sown on October 28 were showing on November 2, and Sweet peas sown November 29 were through by December 4.

The roadsides and footpaths at the present time are a mass of wild flowers—natural rock gardens—one of the most attractive being a wild arum with closed spathe; some are brown, others green or yellow. A Polyantha Narcissus with a tuberous root and white flower with yellow corona is very plentiful, springing from between the rocks.

Succulents seem to thrive well and are found growing wild among the rocks near the sea; the cultivated agaves grow to an immense size and make a fine show.

ALICE P. CRAIG.

LETTERS FROM OLD KEWITES.

MR. W. ROBSON writes from the Botanic Station, Montserrat, under date February 24, 1921:—

I form one of a quintette of Kew men hailing from the obscure little village of Wark-on-Tyne, Northumberland, including Messrs. T. W. Brown of Cairo, J. Hutchinson of the Kew Herbarium, H. Hutchinson of Illinois, U.S.A., and John Scott.

Only on one previous occasion have you heard of my doings since leaving Kew in 1905, viz., in 1906, but I could now be classed amongst the ungenerous, were I not to write and tell you of my good fortune, which very largely I must admit is the result of my association with the great-hearted Alma Mater—Kew, an institution that lifted me out of the rut of private gardens where two or three men were employed.

In passing, I may suggest that the little village of Wark-on-Tyne with some 400 inhabitants must surely hold the record for providing Kew men, particularly as the two first mentioned in the above list are prominent stalwarts, and I daresay there are more to follow; leastways I have not heard of any serious falling off in the birth rate.

Reviewing my experience in Montserrat during the last sixteen years, I am not able to say that there are no regrets, but I am more than satisfied to remain the Curator at Montserrat for the balance of my working days, with only one or two reservations. Montserrat is entirely dependent on the cotton crop for its existence, but unfortunately what is regarded as the worst cotton pest in existence—the Pink Boll Worm of Cotton—was imported into the island last season. We can form at present no conclusion as to whether it will altogether stamp out the industry. In connection with the cotton-breeding work carried on in Montserrat since 1906, I recall the words of Dr. W. Lawrence Balls, M.A., etc., at present employed in research work in the spinning mills of the Fine Cotton Spinners' and Doublers' Association, Ltd., but formerly of the Egyptian Ministry of Agriculture, in his work, 'The Cotton Plant in Egypt,' which are that cotton is such a fascinating subject, that the mystery of its attraction is not difficult to comprehend. That is exactly how the cotton plant appeals to me, and, with a certain amount of reserve, I am challenging the whole world to show a better all-round cotton of the Sea Island class than that now grown in Montserrat under the designation H. 23-2-13. This type actually in the experimental trials carried on in Montserrat in 1919 gave a yield at the rate of 921 lbs. of lint per acre.

Very considerable interest also attaches to our Bay-tree (*Pimenta acris*), the cultivation of which was started in 1908. What appears to be a very valuable industry is now being held out to the island in the shape of an immediate export trade in Bay Rum, in view of the suppression of the industry in St. Thomas, one of the American Islands, as the result of prohibition. Some ninety acres of bay-trees are established in the island, and the further extension of the area is solely dependent on the number of plants that can be raised and sent out from the nurseries at the Botanic Station, and this would appear to be the only island where the systematic cultivation of bay-trees is being carried on.

A doleful story is associated with the lime juice industry in Montserrat, and unless some panacea is found to remedy the unthriftiness of the trees on the areas in cultivation, it is certain that the industry will ultimately succumb. I have only mentioned the most important of the staple crops, but we have minor industries, and the exports of papain are of considerable interest.

In regard to the association of black and white people, there is in spite of a tragic weakness and lack of development in some respects, an element of greatness in the black.

As time proceeds I seem to be more and more absorbed in the everyday life of this island. I have been for some years both a member of the Executive and Legislative Councils of the Presidency. A healthy Agricultural Society exists in the island, in connection with which I hold the post of Secretary. The great good news, however, is, that so far I am aware, I am the only official in the West Indies, either

agricultural or otherwise, whose salary has actually been doubled since pre-war days.

I have had also my share of leave of absence and have been to England four times in the sixteen years since I first came out, and withal, according to the Colonial Office regulations, I am entitled to three years' leave of absence now.

In conclusion, I would express my sympathy with the man whom Mr. Fishlock a few years ago in the *Journal* painted as the doyen of Kew men in the West Indies—old Jones of Dominica—a term which is a misnomer, for I saw Mr. Jones in September 1919, and then thought him very well preserved and comparatively youthful, in view of his long period of service in Dominica with scarcely any leave of absence. Mr. Jones, I understand, is now in bad health, and all Kew men in the West Indies will support me in wishing for him a speedy recovery, for we will never see his like again. W. ROBSON.

MR. A. C. HARTLESS writes from Wimbledon, under date December 11, 1921 :—

Although a member of the Guild from its inception, yet the Annual Meeting of 1921 was the first that I have been able to attend, and this must be my apology for passing a few comments on it.

The main object of the Guild is to foster a communion of those connected with Kew, and, presumably, the Annual Dinner at the Holborn Restaurant is intended for this purpose.

As a successful dinner, it cannot be denied, but as a means of reunion, both between old and the younger members, it, in my opinion, leaves much to be desired. Writing as one who still retains a vivid recollection of the time when he was at Kew, there seemed little opportunity to indulge in that ardent desire of the younger members to get in touch with those older members who to them must still remain a name only. Even among the older members, particularly those whose duties have been or are overseas, and who, probably, have had official correspondence together, and who could have met in the flesh, there was the same result. What with the dinner, the toasts, and the songs, little or no time was afforded for old friends to meet and converse or make new friendships. In other words, the occasion should have been more social and less formal.

Personally, I would have preferred a social evening without the restraining influence of a formal dinner ; but, as the latter seems to be an established custom, it remains to be seen if it cannot be made less formal. This object may be helped by having a series of small, round tables, with room to walk about after the actual dinner is over ; the toasts should be as limited as possible, and formal speeches shortened ; and instead of music, let the members be free to renew old acquaintances and make new, if desired. Every member should have a list of those to be present and the number of their table.

I would also like to suggest further, that the Council should arrange

to have a tent at the Chelsea Show for the use of members as a meeting place.

As a side issue, but with the same object, I suggest that all overseas members who happen to be on leave should inform the Secretary of their home address; and as a hint to the Mutual, it would, I think, be a great benefit to its members if occasionally an old member be asked to give a lecture on his particular experiences overseas. These few remarks are not intended as mere criticism but with the fervent desire to extend the usefulness of a Guild which has done much, and can still do more, to further the general interests of its members.

IN a letter from Mr. E. A. Walters, dated October 29, 1921, he writes:—

It may interest you to hear a little of my doings. I left England on February 4, 1921, and had an excellent voyage, staying at Durban sixteen days, finally arriving at Mombasa on March 31.

Here I intended going up country immediately, but before getting away I had an interview with Mr. Kirkham, Director of the Chemical Research Department, who at once claimed me, and together we set out for a jaunt round the bazaars, buying Safani Kit, bed, etc.

I then became installed at Kisauni, a small settlement on the mainland, about half an hour's boat journey from Mombasa. Kisauni is our coast area experimental station, and I mainly live here, going each month sixty miles up country to a second station, Mackinnon Road, in the Taru Desert. Certainly life there is rather isolated, as I am the only European. However, we get the added interest of having a colony of lions within walking distance, and I have had the pleasure (?) of meeting one, but, fortunately for me, she had no evil intentions—also I had no gun.

There are several species of large and small buck thereabouts, also an occasional giraffe and a buffalo herd.

Our work here has mainly to do with determining the amount of available moisture in the soil and the factors governing plant growth throughout the unique ranges of elevation and conditions, we are able to observe at the different stations, *e. g.*, Kisauni, elevation 60 ft., tropical and fairly humid; Mackinnon Road, 1419 ft., tropical and arid; Nairobi, 5500 ft., subtropical and a fair rainfall; Uplands, 7688 ft., temperate and humid, with occasional frosts.

During the last fortnight I have been touring Nairobi and Uplands to get an idea of the very different conditions obtaining, and am now again back at Kisauni, ready to go through the warmest season, November to April, fortunately there are short rains due now; the heavy rains occur in April and May.

We have a good selection of fruits here, mangoes fruiting now for the second time this year. papaws (Papayi), pineapples, coco-nuts, bananas, jackfruit, guavas, various species of citrus, and also sugar.

When speaking of the Taru Desert, I may have given the impression that the vegetation was *nil*; the reverse is the case. There is a well-

established but zerophytic flora thereabouts; the soil, a red sandy loam, is very productive of tropical and subtropical plants, provided there is a certain amount of water. It happens, however, that water-holes are few and far between, our supply being derived from the railway pipe-line.

I have kept very fit since I came out, except for digestive disorders when we were experimenting with a new kind of nut, on which occasion I nearly poisoned myself.

I have found several species of what I believe to be *Vanda*, and hope to send seed to Kew shortly; also canes of sugar, they may be interesting to Dr. Butler, for the red-streak disease(?) with which they are infected.

MR. EDWARD LUJA writes from Brazil, under date August 28, 1921:—

I left Europe some months ago and came out to the United States of Brazil to take up an appointment as Director of Forests and Plantations belonging to a big iron and steel company who own very extensive steel and manganese mines. This company is about to construct several important ironworks. I am planting very extensive *Eucalyptus* plantations for the wood which will be used in course of time for making wood-charcoal to feed the ironworks, as stone-charcoal is completely missing here. Meanwhile we take out of the forests native timber trees which are suitable for charcoal. My working field is very extended, taking me several days to travel from one plantation to the other by rail or on horseback. Several species of tree-ferns are abundant and very beautiful. My headquarters are at Montevade, two days' journey from Bello-Horizonte. I have a nice house, with electric light which we make by means of a dynamo driven by a waterfall.

MR. R. KERR writes from Jaffa, Palestine, November 17, 1921:—

On my way to take up the post of Horticultural Officer for Palestine and Syria I had the opportunity to visit Giza, the headquarters of Mr. I. W. Brown, Director of Horticulture. Mr. Brown met me in Cairo, and I had a most enthusiastic welcome. He took me all over the magnificent Gardens and Experimental Grounds, which are very extensive. Tropical and subtropical trees and shrubs may be seen on every side grown to perfection. A sight which will be long impressed on my memory was an avenue of specimen *Poinciana regia* in flower. The same evening Mr. Brown invited Messrs. H. L. R. Chapman, G. S. Crouch, and F. G. Walsingham to dine at his house. We spent a very happy evening comparing notes and recalling the days at Kew.

Next day I continued my journey to Jaffa, the Imperial War Graves Commission headquarters. The cemeteries under my charge are situated at or near the Mount of Olives, Beersheba, Gaza, Haifa, Ramlet, and Dier-el-Belah in Palestine, and Beyrout and Damascus in Syria.

IN MEMORIAM.

ROBERT ALLEN ROLFE.

The late Mr. R. A. Rolfe, like Dr. W. B. Hemsley, who rose to be Keeper of the Herbarium, started his career as a young gardener. He was born at Ruddington, a village near Nottingham, on May 12, 1855, and he died peacefully at his residence in Lawn Crescent, Kew, on April 13, 1921. Thus Kew, and the botanical and horticultural world in general, has lost one of its most valued members, for he had been for a long span of years the acknowledged authority on the family Orchidaceæ, a position he had attained by his own ability and industry.

In recent years Mr. Rolfe was also responsible for the naming of the Rosaceæ in the Herbarium. He took up their study with his usual energetic enthusiasm, studying growing and dried specimens with equal thoroughness, the genus *Rosa* and also *Rubus* being apparently special favourites.

When Mr. Rolfe was young, facilities for self-education were not what they are to-day. Hours were long, pay was very short. Moreover, when transferred from practical to scientific work, he entered the Herbarium at a time when "spade work" was required, and original research had to be undertaken in unofficial hours. But he was encouraged by Sir Joseph Hooker to take up the study of Orchids, and often did Mr. Rolfe recall with gratitude the kindly action of that great man; and there is little doubt that, in the moments of discouragement which come to most of us, he fell back on this circumstance and took fresh heart. For fuller details of his work the reader is referred to the pages of this *Journal* (1911), the 'Kew Bulletin' (1921, p. 123), and the 'Orchid Review' (July 1921, p. 5), the last of which Mr. Rolfe was the founder and editor. Here there is only space for a few notes from a personal friend. When the writer entered the Herbarium nearly eighteen years ago, Mr. Rolfe was about fifty, then in the prime of his life. To the younger botanist he was ever ready with a helping hand. He was a keen player of lawn-tennis, the rules and regulations of which he took very seriously in his play, and he was a vigorous long-distance cyclist; he remained such almost to the end. During the war, when food was scarce, Mr. Rolfe surprised many by the energy he displayed on his allotment, and the portion of the experimental ground he tackled would have caused many a stronger man to hesitate. Often has he been observed working away on his ground at six o'clock in the morning, and his success as a producer of food was in evidence on his journey home at dusk with a big load of spoil. His gardening was done just as thoroughly as he did everything else; he trenched the heavy ground and sowed peas and beans with meticulous care, and was almost the last to relinquish his plot when it was required for other purposes after the war.

Besides his scientific activities, Mr. Rolfe was ever busy in other spheres of life. He was a keen politician, and at one time was an active member of the Richmond Sunday Afternoon Society. He was once the secretary of a local building society, besides being for many years a member of the St. Luke's Church choir. As stated by Dr. Stapf in the 'Orchid Review,' "Rolfe was absolutely upright and loyal, always eager to do his very best, a man every inch worth the position he held, and the esteem which was accorded to him by those immediately associated with him." He was one of the most active and progressive members of the Herbarium staff, and a keen student of the problems of

evolution. In spite of advancing years he had actually contemplated on his retirement a journey to Central America in quest of Orchids, and a visit to Vienna to study in the Reichenbachian Herbarium. His loss to botanical and horticultural science is indeed very great, and it is doubtful if he will ever be adequately replaced. J. H.

WILLIAM R. GREENWAY.

All Kew men who were contemporaries of Mr. William R. Greenway at Kew from 1882 to 1885 will regret to learn of his death on May 29, 1921, after an illness of seven months. He commenced gardening as a boy, under his father, in the gardens of Sir Lionel Darrel, Bart., Fretherne Court, Stonehouse, Gloucester, leaving to enter Kew in February 1882. He left Kew in August 1885, and returned as Head Gardener to Sir Lionel at Fretherne Court, whom he served until February 25, 1920. For some time he had been laid up with cerebral hæmorrhage. He was then given a small pension, and retired from his post. On December 17, 1897, he was out with a shooting-party along with his employer, when he met with a deplorable gun accident, and one of his legs had to be amputated below the knee. This greatly hampered him in after-life, notwithstanding which he had several places offered to him, but was unable to accept any of them, because he could not get a house in which to live. Mr. Greenway married Jane Hancock, daughter of William Hancock, of Kew, in 1884. He leaves eight daughters, three sons, and a widow to mourn his untimely loss. His eldest son is in the Motor Transport in South Persia. He lost his third son, Bert, at Gallipoli in August 1915. A married daughter, Lily, died three years ago. Only one son and a daughter are now at home—Fern Cottage, Saul, near Stonehouse, Glos.

Mr. Greenway was a slim and boy-like youth when he came to Kew, but became very stout, like his father, as he advanced in age. He was of a quiet disposition and made many friends at Kew and no enemies; he attended strictly to duty and took advantage of the lectures and every other privilege the Gardens offered, including the Mutual Improvement Society, where he kept his head on nights when excitement ran high over the debates. He was musically inclined, and took a prominent part in the choir at the local church, Fretherne. J. F.

EDWARD J. CANNING.

It is my sad duty to report the death of Edward J. Canning, who passed away November 1, 1921, at Northampton, Mass., where, since 1913, he has held a prominent position as a nurseryman and landscape architect. He was born at Stratford-on-Avon on January 19, 1863, and previous to going to Kew was employed in the gardens at Belvoir Castle and Knowle Park, Sevenoaks. Leaving Kew in January 1887, Mr. Canning went to Passaic, N.J. to act as assistant to Mr. T. D. Hatfield, who was at that time grower to Mr. George Woolson, at whose nursery many rare and interesting native and exotic plants were grown. After a stay of only two or three months he took up a position with Messrs. Thomas Meehan & Sons of Philadelphia, where he remained until appointed Curator at the Botanic Gardens of Smith College, Northampton, Mass., about 1889. Here most of his useful life was spent, an important part of his duties being lecturer on gardening subjects to the College students, at which he became very proficient.

He was a conspicuous contributor to 'Garden and Forest' during its brief career, and was of considerable assistance to Mr. L. H. Bailey when compiling his *Encyclopædia of American Horticulture*.

A widow, three daughters, and a son, the latter associated with him in his business, survive to mourn his loss. W. H. J.

CONSTANT WELKER.

It is with very much regret that we record the death, on the 2nd of October last, in his 53rd year, of Mr. Constant Welker. Mr. Welker, who left Kew in June 1890, was for many years Head Gardener and Manager of the estate of Beauregard, near Versailles. He was the son of a well-known Parisian horticulturist and, previous to coming to Kew, was a scholar of the National Horticultural School of Versailles. During the war two of his sons were taken prisoners. One of them died subsequently, and he was greatly affected by the loss. Mr. Welker was a very clever gardener and an energetic and friendly man.

A. M.

THOMAS NELSON.

Kew men of 1898-99 will learn with deep regret of the death of Mr. Nelson on September 18, 1921, at the age of 49. He came to Kew from Howick Hall, Northumberland, in May 1896, and when he left in May 1899 to become Foreman at Hutton Hall, Guisborough, Yorks, Mr. Nelson was Sub-foreman of the Rock Garden. For 5½ years he was Head Gardener at Gassock, New Galloway, leaving there to fill a similar position to Miss Milne-Home, at Milne Garden, Coldstream, Berwickshire, where at the time of his death he had been for nearly twelve years. Mr. Nelson was held in very high esteem by horticulturists in Berwickshire, where his services were in frequent request as a judge at horticultural shows. The deepest sympathy is felt for his wife and two young sons.

WILLIAM PURDOM.

It is our sad duty to chronicle the death of Mr. Purdom at the early age of 41. He died on November 7 in the French Hospital at Peking after only two weeks' illness. Mr. Purdom went to the hospital for a minor operation on an infected gland in the neck. Subsequent to the operation he suffered much from rheumatism, his general physical breakdown being attributed to exposure and hardships on many expeditions in the remote interior of China.

Mr. Purdom was born at Heversham, in Westmoreland, on April 10, 1880, and after several years' training at Brathay Hall Gardens, Messrs. Low & Sons, Enfield, and Messrs. James Veitch, Coombe Wood, came to Kew in August 1902. At Kew he distinguished himself as a propagator and grower of hard-wooded plants, becoming subsequently Sub-foreman of the Arboretum Nurseries. Leaving Kew in December 1908, Mr. Purdom started for his first plant-collecting expedition to China on behalf of Messrs. Veitch and Harvard University early in 1909, visiting Chihli, Inner Mongolia, Shansi, Shensi, Kansu, and the Tibetan borderland. During 1914, in which year he was elected an F.R.G.S., Mr. Purdom returned to China as travelling companion to the late Mr. Reginald Farrer (we understand without pay), spending two years

in Kansu, Koko Nor, etc. Their joint adventures are recorded in Mr. Farrer's books, 'Eaves of the World' and 'The Rainbow Bridge.' Mr. Farrer always wrote and spoke of his colleague in terms of admiration and affection, and it is a pathetic coincidence that both should have "crossed to the other side" within a year of each other. He dedicated the first book to "my dear Will"—an "absolutely perfect friend and helper, through whom alone it was that these odysseys were made possible and pleasant." In the spring of 1916, Mr. Purdom was appointed to a post in the Chinese Government Forestry Bureau by ex-Minister Chow Tze-chi. He was subsequently employed by the Ministry of Communications to inaugurate railway forestry, and during this employment planned and administered the now flourishing Kin Han Railway forestry stations. Several photographs from one of Mr. Purdom's sisters—two of which are reproduced on the opposite page—give some idea of the difficulties of establishing these widely scattered nurseries in several parts of Honan in furtherance of very extensive schemes of afforestation in the north of China. At the time of his death Mr. Purdom was working upon a comprehensive forestry survey for the Chinese railways, being Forest Officer, plus Supervisor for the supply of wood for the railways. He lived in a car on the railway for the greater part of his life. A tremendous task for one man, it was made all the harder through lack of money, changes of Government, and hardly any facilities for making nurseries; but our late friend loved his work and kept England's prestige high in a far-off land. No one can say of "Will Purdom" that he enriched himself at others' expense, as from all we hear, the Chinese Government appear to pay wages very seldom.

To gain dominion over other men
 By arms some men essay; a few desire
 To shape their fellows' actions with a pen;
 Towards commerce' gilded guerdon most aspire:
 This man, more rare, did spend his strength and mind
 Outside an office, trod no barrack-square,
 But made of trees his text-books, and did find
 Much good in flowers, commonest, or rare
 Gentian, which clung to some jag'd mountain crest.
 For plants he fought Tibetan winds and snow,
 Through hills uncharted wandered in their quest:
 Handling the leaves and petals Asia grew,
 Most expert-fingered patience did he show,
 Learned mid smooth lawns of river-border'd Kew.

LADY CLIFTON,
 British Legation, Peking.

FREDERICK CAVE.

After a prolonged illness, starting early in July 1920, at which time the doctors gave him only six months to live, and with frequent intervals of a much more encouraging nature, Mr. F. Cave rallied along until he passed quietly away in the early morning of December 19, 1921, at that quiet spot near Canton, Mass., where he had lived and been respected for the last six years. An operation was performed on his head last August to try and relieve the possibility of blindness, but failed to produce the desired effect, and from then on he gradually got worse, the cause of his trouble being defined as sarcoma.

A simple and impressive Masonic service took place at his home on Wednesday, December 21, at which a number of his friends were present, those contemporary with him at Kew being Messrs. H. M. Blanche, M. Free, C. van der Voet, and W. H. Judd, after which his

remains were laid to rest in the cemetery at Canton. A widow and two small children remain to mourn the loss of a devoted husband and a loving father.

On his arrival in the U.S.A. in February 1911, Mr. Cave held a position on the estate of Samuel Untermeyer at Yonkers, N.Y. for three months. He was then for a short time on a nursery at Framingham, Mass., going from there in 1913 to be Head Gardener on the Scott Farm at Brattleboro', Vict., where he remained until his marriage in February 1914, when he took up another position in a similar capacity at "The Rocks," Littleton N. H. Late in 1915 he moved to Canton, where he remained till his death. He was for some years a member of the Gardeners' and Florists' Club of Boston, and since 1916 a Freemason.

Mr. Cave was born at Yiewsley, near Uxbridge, in 1887, and came to Kew from Holker Hall, Cark-in-Cartmel, in February 1909. He was subsequently promoted to be Sub-foreman of the Decorative (Outdoor) Department.

W. H. J.

Mr. H. M. Blanche also writes:—

Mr. Judd is writing, giving you all details of Mr. Cave's record here, so I will not duplicate the information. However, I was, and am, such an admirer of his character, and valued his friendship so much, that it is necessary for me to express the loss that we have sustained by his death. A man that rang true under all circumstances, absolutely loyal to his convictions and, above all, kindly and generous. His humour was of the deep and kindly sort that reflected a disposition to see the best that existed in all the people that entered into his life, and throughout a long and trying illness he found courage to express the whimsicalities that always went deep into the heart of things. No man that I have known could surpass his simple directness of viewpoint, and increasing intimacy with him could only lead to greater liking and respect. Those of us who were fortunate enough to be within the circle of his friendship feel our loss very keenly, although gaining a memory that will always be fresh and an inspiration for future action.

As a gardener his qualities made him highly esteemed, the ability to impress subordinates with his purpose to do things well resulting in harmonious and uniformly successful work. Vegetables, fruits, and herbaceous perennials were his particular pride, and the records of the Massachusetts Horticultural Society show that his exhibits were of a very high order.

Kew men have lost a valued and loved colleague, and another name is added to the roll of those who by character and attainments have left a record of achievement that is a world-wide heritage of inspiration for us in the future.

EDGAR W. FOSTER.

We record with deep regret the death of Mr. Foster at Netherne, Surrey, on June 23. Born on May 25, 1878, Mr. Foster came to Kew from Messrs. J. Veitch & Sons, Feltham, in July 1900, and left in March 1901 to take up the appointment of Curator of the Botanic Station, Lagos. In 1906 he was promoted to be Assistant Conservator of Forests, Nigeria, and afterwards became Senior Conservator of Forests, Northern Provinces, Nigeria. Mr. Foster came home on sick leave in June 1919, and was invalided from the Service with a pension on November 15, 1919.

ALEXANDER M. COWAN.

Mr. E. H. Wilson during his Australian tour called at the address of this Old Kewite, given in the *Journal* (Superintendent, Rottnest Park, Perth, W. Australia), only to be told he had been dead several years. Mr. Cowan was a Nurseryman in Brisbane before going to Rottnest Park about 1895. He left Kew in 1880.

GEORGE BADDERLY.

In the 1920 Guild *Jouraal* we published a portrait of Mr. Badderly with some particulars of his life and work. He was for 39 years preparer in the museums, retiring in May 1919. Mr. Badderly went to live with his son at Teddington, where he died on July 6, 1921, in his 84th year. The funeral at Teddington Cemetery was attended by the Director and several other members of the Kew staff.

ABRAHAM R. SPARROW.

A younger brother of Mr. Jack Sparrow, M.M., of Nairobi, was a victim of a sad accident on the evening of December 13. He handed a revolver to another still younger brother for examination, and it was accidentally discharged, the bullet entering his chest, death resulting in a few minutes. Deceased was 17 years of age and worked in the Temperate House as an Improver-Gardener.

LADY HOOKER.

On December 8, 1921, there passed away in the little Worcestershire village of Pendock a link with old Kew of 1876-1885—Hyacinth, Lady Hooker, the second wife of our eminent Director, the late Sir Joseph Hooker. She was the only daughter of the Rev. W. S. Symonds, Rector of Pendock, a well-known geologist and author of the historical novels, 'Malvern Chase' and 'Hanley Castle,' besides various scientific works: 'Old Bones,' 'Records of the Rocks,' etc. Sir Joseph was President of the Royal Society at the time of their marriage in 1876, and Lady Hooker took advantage of his high position to assemble every summer at Kew all who were famous in science and art, in literature and politics. Those who were privileged to be present still remember the unique enjoyment which distinguished those garden-parties, and the charm and cordiality of both host and hostess. From 1885-1911 they lived at Sunningdale, but after Sir Joseph's death Lady Hooker returned to Pendock, and spent her last years there in a home made beautiful by her unerring taste. Late in November she became seriously ill, and on December 8 passed peacefully away, and was laid to rest in Pendock Churchyard.

WILLIAM HARRIS.

The death of Mr. W. Harris, F.L.S., in America, on October 11, 1920, was recorded on page 39 of the last *Journal*, but the photograph which we now reproduce came too late for insertion.

KEW STAFF (*December 31, 1921*).*(The names of Life Members are preceded by an asterisk.)*

		<i>Entered Kew.</i>
Director	*Lt.-Col. Sir David Prain, I.M.S., C.M.G., C.I.E., F.R.S., F.L.S., V.M.H., M.B., etc.....	1905
Assistant Director...	*Capt. Arthur W. Hill, M.A., Sc.D., F.R.S., F.L.S.	1907
Assistant	John Aikman	1888†
Keeper of Herbarium and Library.....	Otto Stapf, Ph.D., F.R.S., F.L.S.....	1891
Assistant	Charles Henry Wright, A.L.S.	1884
"	*Sidney Alfred Skan	1892†
"	T. A. Sprague, B.Sc. F.I.S.	1900
"	Miss Elsie Mand 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	A. Kellett	1921
Sub-Assistant	Miss Ada F. Fitch	1892
"	Miss M. G. Aikman	1915
Assistant (Temporary Technical)	Miss D. K. Hughes	1918
"	Miss M. Skan	1919
"	E. G. Dunk	1914
"	D. R. Grey	1921
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 Watson, A.L.S., V.M.H....	1879
Assistant Curator	*William Jackson Bean, V.M.H.	1883†
"	*William Nicholls Winn	1890†
Sub-Assistant	Miss N. J. Watson	1916
Foremen:—		
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†
Storekeeper	*George Dear	1884
Sergeant-Constable	Walter Linney	1892
Packer	H. W. Ruck	1907
Clerk of the Works.....	G. D. Patterson	1911
"	J. E. Holman	1912
Medical Officer.....	*L. C. Burrell, M.A., M.B., B.C.	1899

† 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.	Fermeries.....	Mar. 1919 ...	Harefield Grove, Middlesex.
Platten, R. J. ...	Palm House	May 1919 ...	Rufford Abbey, Notts.
Robertson, J. A.	Temp. House Pits.	Jan. 1920 ...	Dickson's, Ltd., Chester.
Thornton, A. J.	Herbaceous Dept..	Apr. 1919 ...	Bees, Ltd., Liverpool.
Wright, J. W....	Temperate House .	Oct. 1919 ...	Ingestre Hall, Stafford.
Weeks, C. E. ...	Decorative Dept. .	Dec. 1914 ...	J. Veitch & Sons, Feltham.
Young, W. H....	Orchids	July 1919 ...	Warren House Gardens, Stanmore.

STUDENT GARDENERS.

<i>Name.</i>	<i>Entered Kew.</i>	<i>Previous Situation.</i>
Andrews, G.	Oct. 1920 ...	Tyntesfield Gardens, Bristol.
Barker, W. H.	Feb. 1921 ...	Carrigoran, Newmarket - on - Fergus, Co. Clare.
Bass, A. P.	Mar. 1915 ...	Trained at Kew.
Bates, A. J.	June 1920 ...	Penryn Castle, Bangor.
Birkinshaw, A.	May 1921 ...	R.H.S. Gardens, Wisley.
Blake, A. E.	Oct. 1920 ...	Bill Hill House, Wokingham.
Butler, G. J.	Jan. 1920 ...	John Innes Hort. Inst.
Cavanagh, A. A.	Nov. 1921 ...	Bryn Lupus Gardens, Llandudno.
Clarke, T. E.	Mar. 1920 ...	Knowsley Hall Gardens, Lancs.
Conn, P. W.	June 1920 ...	Borde Hill, Cuckfield, Sussex.
Culver, O. R.	June 1920 ...	Mizen Bros., Mitcham.
Gardiner, H. J.	Sept. 1921 ...	Fromow & Sons, Chiswick.
Greenway, P. J.	Jan. 1921 ...	R.H.S. Gardens, Wisley.
Hubbard, C. E.	Apr. 1920 ...	Sandringham Gardens, Norfolk.
Jones, C.	Feb. 1921 ...	Henlow Grange, Henlow, Beds.
Killick, E. H.	Apr. 1921 ...	Claremont, Esher.
Latten, W. A.	Mar. 1920 ...	Bunyard & Co., Maidstone.
Mackenzie, S. J.	Mar. 1921 ...	Leigh Corporation Parks Dept.
Marshall, A.	Mar. 1915 ...	Trained at Kew.
Mason, E.	June 1920 ...	University College, Reading.
Mitchell, W. E.	Jan. 1920 ...	Walton Hall, Warrington.
Nelmes, E.	Jan. 1921 ...	Deerleaze Hill, Falfield.
Pirie, J.	Nov. 1920 ...	Shavington Hall, Salop.
Robertshaw, P.	Apr. 1920 ...	Percy Lodge, Goole, Yorks.
Sayer, F. W.	Apr. 1921 ...	Baron Grove, Mitcham.
Scott, W. C.	Nov. 1920 ...	Gallowhill Hall, Morpeth.
Semple, J. A.	Jan. 1921 ...	Donegal Park Nurseries, Belfast.
Stenning, H.	Apr. 1921 ...	Clare Lawn, E. Sheen.
Taylor, A. W.	Mar. 1921 ...	Mariehoff, Woodfield Road, Ealing.
*Toms, K. E.	Mar. 1920 ...	Tring Park, Tring, Herts.
Trevithick, W. E.	Apr. 1920 ...	Royal Botanic Gardens, Glasnevin.
Welsh, H. W.	Mar. 1921 ...	Hendon Country Club, Hendon.
Wilson, C. F.	May 1920 ...	Snrbiton Nurseries, Surbiton.
Woodhouse, P. J. C.	Oct. 1920 ...	Moulton Paddocks.
Young, T.	Nov. 1920 ...	Lilleshall Gardens, Newport, Salop.

IMPROVERS.

R. A. Paton.

D. Saville.

H. Williams.

WOMEN GARDENERS.

Flower Garden Department.

<i>Name.</i>	<i>Where Trained.</i>
*Burrell, L. C.	Trained at Kew.
Davies, G. A.	Llanover Gardens, Abergavenny.
*Drew, D. E.	Swanley Horticultural College.
*Rudolf, O. (Sub-Forewoman)	Swanley Horticultural College.
Waddell, M. P.	Swanley Horticultural College.
Warner, A. E. C.	Swanley Horticultural College.
Watson, K.	Trained at Kew.

Our lady members in particular will learn with regret that the employment of women gardeners at Kew will be discontinued after March 31, 1922.

OLD KEWITES.

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

Name.	Left Kew.	Present Position and Address †.
*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 ..	Supt., Public Gdns., Bermondsey, S.E. 1.
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 ..	U.S.A.
*Anderson, J. R.	Oct. 1905 ..	Agric. Dept., Zanzibar.
*Anderson, J. W.	June 1910 ..	M., Labis Rubber & Produce Co., Ltd., Labis, Johore, Bahr.
Archer, Sydney	Mar. 1895.	
*Arden, Stanley	June 1900 ..	Boscombe.
*Armbrecht, Otto	Jan. 1898 ..	Derneburg, Prov. Hanover, Germany.
Armstrong, James.	Mar. 1893 ..	H.G., The Moorings, Marion, 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 ..	Thornton Hall Gdns., Litt. Sutton, Cheshire.
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., Taj & Govt. Gardens, Agra, India.
Baggesen, Niels	Dec. 1900 ..	16 South View Road, Tunbridge Wells.
Bailey, A. G.	Dec. 1915 ..	Pembroke College, Oxford.
Bailey, Thomas	Sept. 1892 ..	Ravenscourt Park, W. 6.
*Baker, A. F.	April 1920 ..	Asst. Supt. of Parks & Forestry, 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 ..	Boveridge, Cranborne, Dorset.
*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 ..	W. African Rub. Plts., Birrimisu, Tafo, 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.
Barnett, M. J.	April 1914 ..	Bot. Gardens, Dunedin, New Zealand.
*Bartlett, A. C.	May 1898 ..	Land. Gard., 318 Kew Rd., Kew, Surrey.
Barton, Robert	June 1890.	P.O. Box 57, Hamden, Conn., U.S.A.

† 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>
Bass, Edward.....	Mar. 1899 ..	Leigh Lodge, Abbot's Leigh, Bristol.
Bass, Thomas.....	Mar. 1899 ..	13 Friar's Stile Rd., Richmond, Surrey
*Bates, G.....	Feb. 1904 ..	N., Higham Hill Nur., Billet Roa Walthamstow, E. 17.
Batters, Frederick H. ..	Feb. 1891 ..	c/o Messrs. Cuthbush, Nurs., Highgate, N.
Baum, Jacob	July 1900 ..	N., Pallud sur Vevey, Switzerland.
*Baumann, Ludwig	Mar. 1902 ..	1366 Lucretia 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 Garder 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, German
*Bell, A. R.	Aug. 1914 ..	C., Agric. Dept., Southern Prov., Nigeri
*Bell, Miss V. S. See Mrs.	Warner.	
*Benbow, Joseph.....	Sept. 1884 ..	Supt., La Mortola, Ventimiglia, Italy.
*Bennett, F. R.	Sept. 1915.	
Bentall, A. S.	Oct. 1921 ..	St. Clere Gdns., Kemsing, Sevenoaks.
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.	
*Besant, J. W.	June 1905 ..	Asst. Keeper, Royal Bot. Gdns., Gla nevin, 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 Grav Commission, France.
Bintner, Jean.....	Sept. 1917 ..	{ D. of Hort., Helmdange, Grand-Duch
Bintner, Mrs. Jean (Harper)	Jan. 1918 ..	{ de 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.
Blancaneaux, J. S.	April 1878 ..	c/o E. J. F. Campbell, B.S., Belize, Bri 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 Waterma 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, Middl wich, Cheshire.
*Bolt, Philip (jun.)	June 1898 ..	H.G., Stand Hall, Whitefield, Mancheste
Bolton, W.	Feb. 1904 ..	Blenheim, Woodstock, Oxon.
Bond, William	June 1876 ..	H.G., 66 Bostall Lane, Abbey Wood, Ken
Boorman, John	Aug. 1885 ..	Collector, Bot. Gdns., Sydney, N.S.W.
Boswell, Miss D. A. L.	June 1918 ..	Brougham Terrace, Hartlepool.
*Bouckennooghe, 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., Chelten ham.
Bradbury, James	July 1880.	
*Braggins, S. W. McLeod	Nov. 1906 ..	Asst. Supt., La Mortola, Ventimiglia, Italy
Braim, H. J.	Mar. 1915 ..	42 Bulstrode Av., Hounslow, Middlesex.
Braybon, E. A.	Mar. 1915 ..	Asst. C., R. B. G., Sibpur, Calcutta, India
Brenchley, J. A.	Nov. 1882.	
Brierley, W. B., M. Sc.	Nov. 1918 ..	Research Inst. of Phytopathology Rothamsted.
F.L.S.		

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
riscoe, T. W.	April 1905 ..	H.G., 4 Gloucester Rd., Tutshill, Chepstow.
roadbridge, Mrs. L. ..	Aug. 1918 ..	1 Walden Chambers, 70 High Street, Marylebone, W. 1.
roadway, Walter E. ..	June 1888 ..	Horticulturist, Dept. of Agric., Trinidad.
rook, Edgar	June 1883 ..	23 Raleigh Road, Richmond, Surrey.
rooks, A. J., F.L.S., F.C.S., J.P.	May 1903 ..	Agric. Supt., St. Lucia, B.W.I.
roomer, Frederick	April 1881.	
rown, A. E.	Sept. 1905 ..	Box 147, Mimico, Ontario, Canada.
rown, E., F.L.S.	Dec. 1903 ..	Hillside, Doddington, nr. Sittingbourne, Kent.
rown, J.	April 1905 ..	H. G., The Bluffs, Tuckerman Av., Newport, Rhode Is., U.S.A.
rown, Nicholas E., A.L.S.	July 1914 ..	6 The Avenue, Kew Gardens.
rown, Thomas	Nov. 1884 ..	Parks Rd. Offices, City Hall, Winnipeg.
rown, T. W., F.L.S. ..	Feb. 1899 ..	D. of Hort., Giza, Cairo, Egypt.
rown, Rev. Wm. McL..	May 1878 ..	22 Hawthorn Rd., Gosforth, Newcastle.
rowne, William, M.V.O., I.S.O.	Jan. 1860 ..	Ravenswood, 210 Preston Rd., Brighton.
ruun, Svend.	June 1895 ..	N., Brøndbyvester Strand, Glostrup, Denmark.
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. Australia.
Bryant, Edwin	Dec. 1889.	
Bullock, T. G.	May 1913 ..	Hort. Lect., 6 Millstone Lane, Leicester.
Buckholz, 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., Holmehurst, Loughton, Essex.
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.
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 ..	Regent's Park Bot. Gard., N.W. 1.
Butler, F. B.	Nov. 1919 ..	Bot. Field Assist., Nairobi, B.E. Africa.
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.
Cargill, David	Nov. 1867 ..	131 Makin St., Walton, Liverpool.
Canning, J.	April 1891 ..	H. G., Lawn Tennis Club, Rue Lacour, Cannes.
*Cannon, H. A.	Mar. 1912 ..	Kivuvu Rub. Co., Kampala P.O., Uganda.
Capsticks, W. H.	Oct. 1912 ..	Strode, Ivy Bridge, South Devon.
*Cartwright, T.	May 1908 ..	Supt., Expermt. Pltns., Jebelin, Soudan.
Casey, Miss E. M.	Dec. 1917.	
*Casse, A. E.	Mar. 1900 ..	Bayeux, Hayti.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
*Castle, R. Lewis.....	May 1877 ..	7 Caxton Rd., S. Wimbledon, S.W. 19.
*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. Abergavenn Mon.
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., Gi Cairo.
Charman, George	Feb. 1885 ..	Florida.
Child, H. V.	Jan. 1911 ..	Kew Convent, Kew, Victoria, Australi
Chinery, Philip	Nov. 1882 ..	H. G., Bulmer Lodge, Sudbury, Suffoll
Chipp, T. F., B.Sc., F.L.S., M.C.	Oct. 1908 ..	Assist. Conser. of For., Gold Coast.
Chollet, P.	Oct. 1916 ..	c/o Messrs. Sander & Sons, Bruges.
Christensen, P. C.	Mar. 1901 ..	Nørregade 64, Odense, Denmark.
*Christie, J. S.	Nov. 1909 ..	Supt. Parks, Camberwell, 424 Lordsh 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. Alban
Clark, Peter D. G.	Sept. 1880 ..	c/o Curator, Royal Bot. Gdns., Ceylon.
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 Abbo
Close, A. W.	May 1908 ..	Biological Hall, Pen. Univ., Philad., U.S.
*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 ..	St. Margarets, Century Rd., Rainham, Ke
*Coombes, G.	July 1915 ..	Dept. of Agriculture, Zomba, Nyasaland
Cooper, Edward	Oct. 1894 ..	Sander & Sons, Nurserymen, St. Alban
Cooper, T.	Sept. 1914 ..	School Garden, Birmingham Parks Dep
*Cope, Gertrude	Nov. 1898 ..	The Nursery, Chandler's Ford, Winchest
Corbett, G.	May 1920 ..	Mulgrave Castle Gdns., Whitby, Yorks
Cork, Henry	Mar. 1893 ..	H. G., Hampton Lodge, Seale, Farnham
Cotton, A. D., F.L.S.	Nov. 1918 ..	{ Ministry of Agriculture, Path. La
Cotton, Mrs. A. D. (Jesson)	Aug. 1915 ..	{ Harpenden, Herts.
Coudrey, Joseph	Mar. 1883.	
*Cousins, F. G.	May 1911 ..	Supt., Bot. Gdns., Regent's Park.
Coutts, W.	Feb. 1903 ..	H. G., Learney, Torphrims, Aberdeensh., N.
*Cowley, H.	Dec. 1907 ..	c/o Messrs. Wallace, The Old Nurseri 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 Aberdee
Craig, Mrs. A. P.	July 1920 ..	45 Windsor Terr., Sliema, Malta.
Creek, Ernest	Aug. 1901 ..	Hort. Inst., Shire Hall, Bury St. Edmund
Cressier, G. H.	May 1912 ..	9 Rue Vallier, Levallois Perret (Sein France.
Crot, W.	Mar. 1904.	
*Crouch, G. S.	Sept. 1913 ..	Supt., Hort. Div., Ministry of Agri., Gi Cairo.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Crowe, V. C.	Dec. 1919 ..	23 Gloucester Road, Kew, Surrey.
Crump, Edward	Aug. 1871 ..	M. G., Whitnash, Leamington.
Culham, A. B.	June 1910 ..	Supt., Agric. Dept., Gold Coast.
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 ..	c/o J. Roehrs, Rutherford, N. J., U.S.A.
*Davies, Henry J.	Jan. 1894 ..	Farthing St., Downe, Farnham, Kent.
Davies, Miss R. A.	<i>See Mrs. Bysouth.</i>	
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 ..	Burtholm, Vereeniging, S. Africa.
*Dawe, M. T., F.L.S.	Sept. 1902 ..	Caixa Postal 332, Loanda, Angola, Portuguese W. Africa.
Dearling, William	April 1891 ..	Sussex Farm, Oakey, Queensland.
Debot, M.	May 1903 ..	372 Chausée d'Helmet, Schaerbeck, Brussels.
De Troyer, Ch. L.	Aug. 1904 ..	D., Grand Établissement Horticole de Wolverthem lez Bruxelles, Belgium.
*Derry, Robert.	Nov. 1883 ..	57 Ennerdale Road, Richmond, Surrey.
Derwael, F. L. G.	June 1910 ..	Inspector of Public Gardens, Antwerp.
Dines, J. H.	Sept. 1908 ..	H. G., Sezincot, Moreton - in - Marsh, Glos.
*Dinn, Theo. J.	Sept. 1901 ..	12, Wassenaarsche Weg, 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, Kimley, 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., Murryatville, Adelaide, S. Australia.
*Downer, H. E.	Mar. 1912 ..	H. G., Vasser College, Poughkeepsie, U.S.A.
Downes, E.	Oct. 1920 ..	Asst. Supt., Pub. Gdns. & Pltns., Jamaica, B.W.I.
*Draper, Walter	July 1892 ..	D., Govt. Gdns., Delta Barrage, Egypt.
*Drost, Klaas	Oct. 1880 ..	Oldebrook, Holland.
*Dümmer, R. A.	June 1911 ..	Malange, c/o Jinja P.O., Uganda.
*Duncan, J. G.	Mar. 1901 ..	Bot. Gdn., Port Elizabeth, S. Africa.
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. Thisel- ton-, K.C.M.G., C.I.E., F.L.S., etc.	Mar. 1906 ..	The Ferns, Witcombe, Glos.
*Dyson, William	Jan. 1899.	

<i>Name</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
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, Hindhead, Surrey.
Elder, John	May 1902 ..	Chatlapore Tea Estate, Shamsbernage P.O., South Sylhet, India.
Ellings, William	Oct. 1909 ..	Ventfort Hall Gdns, Lenox, Mass., 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 ..	2313, S, 9th Str., 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.
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.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Gammie, James A.	Aug. 1865 ..	1 Harvard Road, Gunnersbury.
Gammon, F.	April 1907.	Kivuvu Estate, c/o H.M. Syndicate, Kampala, Uganda.
Gardiner, G. F.	Oct. 1912 ..	University Gardens, Bristol.
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.	
Girdham, 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.
*Goëmans, H. J.	Feb. 1890 ..	231 Chaussée d'Aurees, Ghent, Belgium.
*Goldring, Fred.	Feb. 1879 ..	N., Slingerlands, Albany, U.S.A.
Goodrich, W. J.	Dec. 1911 ..	5 Kew Bridge Road, Brentford.
*Gossweiler, 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 ..	2 High View Villas, Tisman's Common, Rudgewick, Sussex.
*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.
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 ..	Officer in Charge, Govt. Hort. Dept., Delhi, India.
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 ..	Fort Jameson, Rhodesia.
Grundy, R.	Jan. 1906 ..	Propagator, Parks Dept., Swansea.
*Gullick, W. F.	July 1898 ..	N., Wilton Rd. Nursery, Salisbury.
Gulviu, Miss Annie M.	See Mrs. Turner.	

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
*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 . .	} c/o Mrs. Kermodé, 13 Beechwood Av. Kew.
Halkerston, Mrs. D. (Kermodé).	Oct. 1918 . .	
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., Govt. 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.	<i>See</i> Mrs. Bintner.	
Harris, Arthur	July 1884 . .	
Harris, C. H.	May 1912 . .	H. G., The Park, Bromley Road, Catford, S.E. 6.
*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 . .	H. G., Newbold Revel, 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., Govt. Gardens, Allahabad, 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.
*Hemming, Ernest	May 1891 . .	Editor, 'The National Nurseryman,' Flourtown, Montgomery Co., Pa., U.S.A.
*Hemsley, W. B. V.M.H., LL.D., F.R.S., F.L.S.	Dec. 1908 . .	Kew Lodge, St. Peter's Road, Broadstairs.
*Henderson, H.	May 1904 . .	H. G., The Abbey Gardens, Cirencester.
*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.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
*Higgle, William	Nov. 1865 . .	Gilling, Yorkshire.
*Higgott, O. F. A.	Mar. 1919 . .	Bot. Gardens, Brooklyn, N. Y., U.S.A.
Hillier, G.	Nov. 1915 . .	Asst. Editor, 'The Garden,' 20 Tavistock Street, Covent Garden, W.C.2.
*Hislop, Alexander	June 1902 . .	St. Faith's Mission, Rusapi, S. Rhodesia.
*Hoad, W. G.	Oct. 1905.	
Hobbs, Cecil	Jan. 1909.	
*Holden, A.	May 1914 . .	22 Mountfield Gdns., Tunbridge Wells.
*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 . .	Gov. Hort. Dept., Delhi, Punjab, India.
Hume-Spry, Miss P. C.	Jan. 1918 . .	Cottage Hosp., Roxeth Hill, Harrow.
*Humphreys, Thomas	Dec. 1892 . .	Curator, Bot. Gardens, Birmingham.
*Humphries, Charles H.	April 1895 . .	47 Penrhwiweiber Rd., Penrhwiweiber.
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 . .	Kivuvu Estate, Kampala, 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.,
Hutchinson, H.	Mar. 1913 . .	Dansville, Illinois, U.S.A.
*Illman, G. F.	Sept. 1912 . .	M., Kivuvu Rubber Co., Kampala P.O., 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 . .	34 Bolingbroke Road, W. 14.
James, J.	May 1913 . .	2 Bangor Rd., Brentford.
Jannoch, 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).
Jennings, A. J.	Mar. 1912 . .	709 Home Savings & Loan Buildings, Youngstown, Ohio, U.S.A.
*Jennings, W. J.	Sept. 1898 . .	H. G., Napsbury Asylum, St. Albans.
*Jensen, L.	May 1908 . .	N., Tralfagar Stores, Tenby, Pembrokeshire.
Jesson, Miss E. M. See Mrs. Cotton.		
Jirásek, H.	Jan. 1912 . .	Jardin des Plantes, Paris.
Johns, W. H.	Oct. 1909 . .	Hort. Inst., County Offices, Truro, Cornwall.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
*Johnson, G. C.	Oct. 1914 ..	Hort. Inst., University of Leeds.
*Johnson, J. T.	Oct. 1904 ..	Applegarth, Rangam P.O., Naini Tal District, India.
*Johnson, W. H., F.L.S. .	Jan. 1898 ..	c/o Royal Botanical Gardens, Kew.
Jones, Charles S.	Dec. 1893 ..	H. G., Oxford Lodge, Wimbledon Common.
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.J.
Jones, Thomas.	Sept. 1896 ..	340 Kew Road, Kew, Surrey.
Jonssen-Rose, N.	Sept. 1888 ..	New York.
Jonsson, J. F.	June 1909 ..	F., Horticultural Coll., Swanley, Kent.
*Jorgenson, C. L.	May 1868 ..	H. G., Hardenberg, Saxkjöbing, 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.
*Juul, 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.	
*Kennedy, William A. . .	Oct. 1880 ..	1 Beechwood Avenue, Church End, Finchley, N. 12.
*Kermode, Miss D.	<i>See Mrs. Halkerston.</i>	
*Kett, R., M.M.	May 1908 ..	P.O. Box 253, Jaffa, Palestine.
Key, E.	Jan. 1905 ..	H.G., Clayton Holt, Hassocks, Sussex.
*Keys, A.	July 1919 ..	Asst. C., Bot. Gdns., Dominica, W. Indies.
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., The Bryn, Pentryrch, Cardiff.
*Kidwell, John.	Mar. 1871 ..	Honolulu, Hawaiian Islands.
Kilburn, Jabez A.	July 1890.	
Kime, Arthur.	Feb. 1889 ..	N. & F., Stopsley Nursery, nr. Luton.
King, A. G.	June 1912 ..	36 Morley Road, Lewisham, S.E. 13.
*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, Denm'k.
Klein, F. A.	Feb. 1908 ..	24 Osterholz Tenever, Post Hemelinger, Bremen.
*Koeppé, 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.	
*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.
*Lavender, W. L.	Mar. 1901 ..	Carter's Seed Trial Grounds, Raynes Park, Surrey.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Lawford, Miss D. M.	<i>See Mrs. Tamplin.</i>	
Lawton, Charles P.	Sept. 1896.	
Lazenby, F.	Jan. 1900 ..	Little Boar's Hd., New Hampshire, 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 ..	444 Greene Av., Brooklyn, N.Y., U.S.A.
*Lines, Miss L. J.	Aug. 1920 ..	28 Queen's Road, Richmond, Surrey.
*Liney, Henry	July 1877 ..	H. G., Wellesbourne House, Warwick.
*Linney, Albert	June 1894 ..	Falklands, Parkville, W. Australia.
*Lister, Henry	Feb. 1876 ..	H. G., Easton Lodge, Dunmow.
Little, C. A.	June 1910 ..	Waiwere, 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 Belgian Consul, rue vocantins 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.
MacPherson, James	Feb. 1864 ..	Landscape G., Trenton, New Jersey, U.S.A.
*Madan, Miss H. P.	<i>See Mrs. Wood.</i>	
*Main, T. W., J.P.	Feb. 1906 ..	M., Cheng Rubber Est., Ltd., Malacca.
*Maitland, T. D.	Jan. 1910 ..	Botanist, Agric. Dept., Kampala, Uganda.
Mallett, George B.	Feb. 1897 ..	N., Cheddar, Somerset.
Mallinson, J.	Aug. 1902 ..	c/o J. Roehrs, Rutherford, N. J., U.S.A.
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, Birmingham.
Markham, Charles H.	Mar. 1891.	
Marks, J. T.	July 1900 ..	H.G., Hampstead Garden Suburb Trust, 18 Corringway, Hendon, N.W. 4.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Maron, Charles	April 1876 ..	N., 3 Rue de Monegeron, Brunoy (Seine-et-Oise), France.
*Marriott, W. E.	July 1904 ..	P.O. Box 1598, Durban, S. Africa.
Marshall, William	Feb. 1892.	
Martin, Georges	May 1903.	
Martin, T. H.	April 1898 ..	H. G., Highwoods, Burghfield, Mortimer, Berks.
*Mash, Miss J.	Jan. 1919 ..	1819 Albert Street, Regina, Sask., Canada.
*Mason, Mrs. E. L.	Feb. 1918 ..	c/o Bank of Australia, Manaia, New Zealand.
Mason, H. T.	Mar. 1911.	
*Massott, L.	Nov. 1905 ..	Chene Bourg, Geneva.
*Mathews, J. W.	May 1895 ..	C., N. B. G., Kirstenbosch, Cape Town, 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.	
*McAllister, W.	Feb. 1902 ..	29 Southern Road, Basingstoke.
McFarlane, J.	Sept. 1909.	
McGregor, D.	Oct. 1907 ..	H. G., Derrycarne H., Dromod, Co. Leitrim.
*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, Argyllshire.
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, Albrechtstr., 115.
*Ménissier, Auguste	Dec. 1899 ..	Vilmorin-Andrieux & Co., Verrières le Buisson, Seine-et-Oise, France.
*Mentzel, R. R.	May 1895 ..	Govt. Forest Officer, Gemsbokfontein, Pan, Transvaal.
Merigeon, Marie	Feb. 1893 ..	4 Rue de l'Observatoire, Paris.
Merryweather, Miss M. E.	See Mrs. Suckling.	
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.	

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
*Milne, Robert W.	Feb. 1885.	
Milner, William	May 1874 ..	N., Southend, Essex.
*Milsom, J. N.	Sept. 1913 ..	Asst. Agric., Dept. of Agric., Kuala Lumpur, F.M.S.
*Mische, E. J.	Nov. 1897 ..	Portland, Oregon, U.S.A.
*Moe, Elias	Feb. 1887 ..	Curator, Bot. Gdns., Christiania.
Möller, A. E.	May 1909 ..	Allustrasse 56, Remscheid, Germany.
*Moncousin, Leon	Oct. 1891 ..	finca "Ascunzion" 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. See Mrs. Shewell.		
*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 Parliament 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., Lawrence Gdns., Lahore, 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, Wis., U.S.A.
Newman, F. A.	Aug. 1916 ..	The Croft, York Av., Hunstanton, Norfolk.
*Newsham, John C., F.L.S.	June 1896 ..	Principal, New Farm Inst., Usk, Mon.
Nicholls, Mathew	May 1897 ..	H. G., St. Clere, Kensing, Sevenoaks.
Nichoff, J.	Feb. 1905 ..	H. G., Kortlinghausen, (C. Warstein), Ger.
Nielsen, J. J. E. Berner- Nitsch, R.	Dec. 1906 .. Sept. 1914.	Denmark.
*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.
Normanton, S. J.	May 1913 ..	Tuel Lane Nurseries, Sowerby Bridge.
North, W. V.	Nov. 1912 ..	Act. C., Lloyd Bot. G. Darjeeling, India.
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 ..	N., Cranmore Nurs., Lisburn Rd., Belfast.
Oliver, D. T., M.A., LL.B.	Mar. 1888 ..	31 Dennington Park Road, Hampstead.
Oliver, G. H.	Dec. 1912 ..	Hort. Inst. Municipal Tech. Inst., Belfast.
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. See Mrs. Peeters.		
*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. See Mrs. Franklin Kidd.		

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Page, W.	July 1903 ..	H. G., Chardwar, Bourton-on-Water, Glos.
*Paine, W. H.	Oct. 1905 ..	M., Animal Fds. Dept., Metropolitan Meat 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., Forest 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 ..	S., Golders Hill Pk., Hampstead, N.W. 4.
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.
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.
Prehn, Adolf H.	Aug. 1900.	
*Preston, F. G.	April 1909 ..	Supt., Botanic Garden, Cambridge.
*Pring, G. H.	Feb. 1906 ..	Bot. Gard., St. Louis, Mo., U.S.A.
Pritchard, Edward	Mar. 1892 ..	F., Eastwood Park, Falfield, Glos.
*Proudlock, A. W.	Sept. 1906.	45 Bateman Street, Cambridge.
*Proudlock, Robert L. ..	Dec. 1888 ..	49 Devon Road, Bedford.
*Purves, James M.	June 1900 ..	Chief For. Off., Dept. of Agric., Zomba, Nyasaland.
Pyman, G. W.	June 1908 ..	Hort. Inst., The Guildhall, Westminster.
*Pynaert, Léon	Feb. 1897 ..	Congo State.
Quelch, Miss Annie	Dec. 1902 ..	All Saints Convent, St. Albans, Herts.
*Quinton, J. P.	May 1901 ..	29 Sutherland Av., Maida Hill, W. 9.
Race, A.	Sept. 1906 ..	Harewood Nurseries, Darlington.
Rastall, W.	April 1903 ..	2 Cambridge Rd., Kew, Surrey.
Rayner, Thomas C.	April 1897.	
Reardon, 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.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
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.
Robbins, Jesse	April 1889 ..	Florist, Carlisle, Pennsylvania, U.S.A.
Roberts, Walter	April 1880.	
Robshaw, Miss N.	May 1919 ..	Limefield, Moor Lane, Wilmslow, Manchester.
*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.
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.	
*Ryall, H.	Dec. 1913 ..	c/o Mr. Eades, Little River, Victoria, Aust.
Salter, Joseph	April 1875 ..	Mt. Pleasant Rest H., Bromsgrove, W'shire.
Salvage, B. H.	Feb. 1910.	
Snyder, Francis J.	Mar. 1884.	
*Sander, Frederick K. ..	Feb. 1896 ..	Sunder & Sons, Nurserymen, St. Albans.
*Sanders, Harold	Nov. 1905 ..	c/o Mr. Buyes, Hoxfield, Woburn, Beds.
Sandgren, Aug.	Sept. 1886 ..	Sweden.
*Sands, Wm. N., F.L.S. ...	June 1899 ..	Asst. Econ. Bot., Fed. Malay States.
Sargeant, T.	Oct. 1912.	
Schade, P. W. L.	June 1911 ..	12A Rambergsweg, Quedlinburg, Harz, Ger.
Schmidkunz, H.	June 1911 ..	1 Landshs. Reg. 3 Kamp. Trieste, Austria.
Scholz, H.	Mar. 1903 ..	H. G., Zyrowa, O.S., Germany.
*Schön, J.	April 1910 ..	Martinez F.C.C.A., Caffé Pueyrredon-y-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, Northumberland.
Seaborne, R.	Oct. 1902 ..	H.G., Luscombe Castle, Dawlish, S. Devon.
*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 Colony,

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Sharps, J.	Dec. 1913 ..	Orford, Grafton County, N.H'pshire, U.S.A.
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, Natal
Simmons, J.	June 1903 ..	Parnham Gdns., Beaminster, Dorset.
*Simond R.	Sept. 1919 ..	Hospl., Cortaillod, Neuchatel, Switzerland
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., Ovenden, Sundridge, Kent.
Smith, E. J.	Feb. 1920 ..	Post Box 77, Kampala, Uganda.
Smith, Fred. T.	Sept. 1891 ..	Bot. Dept., University College, W.C. 1.
Smith, Frederick W.	Feb. 1893 ..	H. G., The Hollies, Weybridge, Surrey.
*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, Rev. W. C.	June 1902 ..	St. John's Rectory, Cairns, N. Queensland.
Smyth, William	Sept. 1887 ..	Wimbledon, 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.
*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.
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.	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, N.Z.
Swatton, A.	Mar. 1903 ..	H. G., Myddelton Ho., Waltham Cross.
*Syer, F. S.	May 1920 ..	P.O. Box 77, Kampala, Uganda.
Symons, A.	June 1913 ..	Trevarno Gdns., Helston, Cornwall.
Tamplin, Mrs. G. H.	Oct. 1913 ..	5 Schubert Road, E. Putney, S.W. 15. (Lawford).
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, Miss D. B.	See Mrs. Coates.	
Teasdale, Joseph J.	April 1902 ..	Brunstock, Carlisle.
*Thomas, Edward J., M.A.	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.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
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., Ithan, Penna, U.S.A.
Thompson, William J.	July 1889 ..	1 Rosamund Rd., Bedford.
Thorpe, William	Nov. 1896 ..	Supt., Cotteridge Pk., King's Norton, Birmingham.
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.
Trehear, Mrs. I.	Feb. 1919 ..	Brooklands, Kessingland Beach, Lowestoft.
*Tribble, Frederick C.	May 1896 ..	H. G., Stowell Park, Foss Bridge, Glos.
Trinder, G.	June 1872 ..	N., Clarence Road, Fleet, Hants.
Troup, Mrs. A. (Yencken)	April 1916 ..	Highweek, Newton Abbot, S. Devon.
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 ..	Supt., Stamford Park, Stalybridge.
*Turton, Thomas	Dec. 1872 ..	H. G., 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 ..	Horticulturist, Nairobi, Kenya Colony.
Vales, J.	June 1912 ..	1 Cvjetua cesta Zagrel (Galicium), Austria.
Vanék, B.	July 1901 ..	H. G., Schloss Kremsegg, post Kremsmunster, Upper Austria.
Van Audenaerde, H.	Aug. 1905 ..	Château des Cailloux, Jodoigne, Belgium.
Van der Eem, A. A.	Aug. 1905 ..	America.
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 ..	
Villard, Charles	Sept. 1889 ..	H. G., Princess Metchersky, Boughino, Smolensk, Russia.
Virchow, Ernest	Mar. 1884 ..	C., Wilhelmshöhe Park, Cassel, Germany.
*Wagg, H. C.	May 1920 ..	Kivuvu Estate, Kampala P.O., 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, George	Sept. 1882 ..	Ross Valley, California.
Walters, William	Dec. 1896 ..	M. G., Cheltenham, Glos.
*Ward, Robert	June 1886 ..	Supt., Bot. Gdns., Georgetown, B. Guiana.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Ward, W. A.	Feb. 1905 ..	Woolstown, Co. Waterford, Ireland.
*Ward, W. N. A.	May 1919 ..	6 Cork Terrace, Tennyson Road, Bath.
Wareham, Miss E.	<i>See Mrs. Finch.</i>	
*Warner, Mrs. V. M. (Bell)	Aug. 1918 ..	Uplands Farm, Werneth Low, Hy 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
Watson, Miss M. W. C.	Mar. 1919 ..	8 East Cliff, Dover.
Watts, J. H.	July 1910 ..	Hilltop Farm, 22 White Plains, N.Y., U.S.
*Waugb, James	Mar. 1894 ..	M., Bath's Floral Farms; and Bigsto House, Wisbech, Cambs.
*Weathers, John	Dec. 1888 ..	Park View, Isleworth.
Weathers, Patrick	Dec. 1889 ..	Bot. Gdns., Manchester.
*Weber, A.	Sept. 1908 ..	Niedershausen, Oberlahnkreis, Germany
*Weigt, G. H.	April 1905 ..	D., Estação "Augusto Montenegro Para, Brazil.
Wendt, Hermann	Jan. 1894.	Horticultural School, Dahlem, Berlin.
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.	May 1908 ..	Finsbury Park.
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 Mrs. Morgan.</i>	
*Williams, R. O.	Jan. 1916 ..	St. Clair Exp. Station, 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 ..	Kengam Estate, Johore, F.M.S.
Wright, W. N.	April 1900.	
Wüg, Ove E.	Feb. 1896 ..	19 Hickory St., Rochester, N.Y., U.S.A.
Wuyts, O. F. V.	Aug. 1915 ..	14 Vieux Chemin de Bruxelles, Ledebert (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 Mrs. Troup.</i>	
*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, William H.	Feb. 1890 ..	13 Temple Sheen Road, S.W. 14.
Yuill, E.	July 1915 ..	Dalton House, Park Av., Ventnor, I.O.W.