



THE
JOURNAL
OF THE
KEW GUILD,

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

JUNE, 1938

LIST OF OFFICERS.

President : 1937-38 :—Richard Ernest Gill

„ 1938-39 :—Henry J. Davies

Trustees : Sir Arthur W. Hill, K.C.M.G., M.A., Sc.D., F.R.S., V.M.H.,
F.L.S., F.N.Z. Inst., and J. Coutts, Esq., V.M.H., A.H.R.H.S.

Hon. Treasurer : L. Stenning, Royal Botanic Gardens,
197, Kew Road, Kew, Surrey.

(To whom all remittances should be addressed.)

Hon. Secretary and Editor of Journal : E. G. Dunk,
197, Kew Road, Kew, Surrey.

Members of Committee :

Retire 1939

L. Buss, Durham.
C. E. Hubbard, Kew.
W. H. Johns, Bermondsey
J. Robbie, Sudan.
R. Binnington, Southampton

Retire 1940

A. W. C. Anderson, N.Z.
F. N. Howes, D.Sc., Kew.
F. S. Sillitoe, M.B.E., Kew.
C. H. Middleton, Kingston.

Foreman :

F. SHAW

Retire 1941

S. A. Pearce, Kew
S. W. Braggins, Italy
E. Coward, East Sheen
M. Free, U.S.A.

Retire 1942

C. P. Raffill, Kew
F. G. Cousins, Torquay
W. Franklin, Southend
A. W. Maynard, S. Africa

Student Gardener :

W. G. SHEAT

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land at Kernick and erected several large greenhouses (at that time the largest in the West country). With his father, Mr. Richard Gill, our President took up Rhododendron culture on an extensive scale and it is at Kernick and the Carclew Woodland Nurseries that many of the wonderful exhibits which are seen at the London shows are grown. Mr. Gill has been a very successful exhibitor at the Rhododendron Shows held annually in London. He won the Challenge Cup and Gold Medal for the best exhibit in the shows for three successive years, thus retaining the trophy, in addition to many other premier awards, both in London and other leading shows throughout the British Isles. Our President does not confine his attention to Rhododendrons, but grows shrubs, tree ferns and other subjects in his extensive nurseries.

During the Great War, Mr. Gill served with the Motor Transport in France and Flanders, and on more than one occasion he met Mr. C. P. Raffill, and it is unnecessary to say more than that these meetings were mutually very happy ones. Towards the end of the war, he was invalided and returned to England. He was for a while an inspector of the Ministry of Agriculture in the west of England, having been loaned by the Army authorities for these duties. Mr. Gill eventually returned to his nurseries to devote his whole time to the growing of his choice plants, especially Rhododendrons, which have been sent to all parts of the world with so much success. He has had the pleasure of personal meetings with the most notable Royal personages of many countries; on many occasions he has received congratulations on his successes from our own Royal Family, and the interest of his late Majesty King George V and Queen Mary was always very markedly shown at Chelsea and elsewhere. King Edward VIII, on his accession to the Throne, also sought his advice in reference to choice plants for his estates. Quite recently, he was summoned to meet H.R.H. the Duke of Kent at his residence, "Coppins," Ivor, Bucks, in order to advise him on new plantings there. He is the proud possessor of many letters, personally written by members of our Royal Family, including H.M. King George VI.

In his home life, Mr. Gill's activities are varied. His hobbies include shooting, and he has some excellent gun dogs. His work on the local Council extends over a quarter of a century, as councillor and latterly as alderman. He has filled many offices, including that of Deputy Mayor of Falmouth and Chairman of many committees. He is at present Chairman of the Parks and Pleasure Grounds Committee. His son, Mr. Bernard Gill, is an old Kewite, entering Kew on April 18th, 1922, and leaving to go to the Royal Horticultural Society's Gardens at Wisley on October 6th, 1923. He is now a partner in the nursery business.

E.G.D.

THE ANNUAL GENERAL MEETING, 1937.

The Annual General Meeting of the Guild was held on Thursday, May 27th, 1937, at the Clarendon Restaurant, Hammersmith, London, W., at 6.30 p.m.

Mr. Charles P. Raffill, A.H.R.H.S., the President for 1936-37, occupied the Chair, supported by upwards of fifty members.

The Minutes of the 1936 Meeting were read, and as there were no matters arising therefrom, Mr. E. Hewitson (Fleetwood) proposed and Mr. W. Dallimore (Tunbridge Wells) seconded a resolution that they be accepted as a correct report of the proceedings. This proposition was unanimously agreed to.

Copies of the Annual Report and financial statements were circulated and read over to the Meeting by the Hon. Secretary, and Mr. Dallimore supported by Mr. D. Bliss (Swansea) proposed that they be accepted. This proposal, on being put to the Meeting was carried without dissension.

Members had been notified of the proposed addition to the Rules to cover volunteer (*i.e.* unpaid) student gardeners at Kew, in the following terms:—

“That unpaid volunteer Students at the Royal Botanic Gardens, Kew, shall be eligible for Associate membership of the Kew Guild, provided that they shall have completed not less than a year's training at Kew, and have paid in advance a minimum Life subscription of Two Pounds to the Guild Funds.” The Chairman referred to the desire to regularise the position of unpaid student gardeners at Kew in relation to membership of the Guild, and as there were no comments on the proposal, Mr. Dallimore proposed and Mr. E. H. Robson (a representative of present-day Student-Gardeners) seconded the Committee's proposal. The resolution was given unanimous approval.

Mr. F. S. Sillitoe (Kew) supported by Mr. D. Bliss (Swansea) proposed that Mr. R. E. Gill (Falmouth) be elected President for the year 1937-38. This was unanimously approved and Mr. Gill thanked the members in a few well-chosen sentences.

Some discussion then arose as to the desirability of forming branches of the Guild in the large horticultural centres throughout the British Isles. Messrs. Hewitson, Dallimore, Murray and the Misses Cope and Joshua expressed their personal views, but no concrete proposals were put forward or adopted.

Suggestions were also made as to the practicability of a President-elect being nominated for the following year at each General Meeting. The difficulty which might arise in that the nominated member might ultimately not desire to take office, was put forward by the Chairman and the matter was ultimately talked out. The Meeting closed with a vote of thanks to the Chairman and the Guild officers at 7.15 p.m.

THE ANNUAL DINNER, 1937.

The Annual Dinner was held on May 27th, 1937, at the Clarendon Restaurant, Hammersmith, and there were 142 members and their wives present and as noted hereafter invitations had been extended to well-known horticultural personalities.

An excellent meal was served and the tables were tastefully decorated with azaleas and pale blue iris.

The Loyal Toast was accorded full musical honours and in proposing it, Mr. R. E. Gill, the President of the Guild made special reference to the recent coronation of their Majesties. Following this all stood in silence as an act of remembrance for Absent Friends.

Mr. R. E. Gill in proposing the toast of "The Guild," recalled some amusing incidents in the history of Kew and its world-famed Gardens.

Referring to what he described as "the good old days," he remarked "When I went to Kew I think our sustenance was 18s. or a guinea a week, and out of that we had to pay the landlady 15s. or 17s., and if she didn't rob you of the rest you had to be grateful" (laughter).

Addressing the present-day students, he said "You young men of to-day have a training second to none in the country. I hope you will all aim at carrying on Kew as it has been in the past. With the officials and so able a head as Sir Arthur Hill, I feel you can and will go ahead. The curators, including our present curator (Mr. J. Coutts), and the assistant curators give you every consideration."

Again reminiscencing, Mr. Gill said that when he had first gone to Kew there had been only horse trams running along the Kew-road. "There was no Kew Bridge, only a temporary structure," he added, "as a matter of fact, I happened to see the present Kew Bridge before it came to Kew—because it was made in Cornwall."

Mentioning names familiar to all Kew students of his time, the speaker recalled their association with Billy Crisp, "our old friend Norris," the door-keeper, and Dick Smith. He believed that to-day the students had better working conditions, much better pay, and greater facilities, but he did not think they had any better times. "I remember the times we had to rush for the gates," he remarked amid laughter. "I can see some of them now running with their night-shirts on—(here the speaker was interrupted by a burst of laughter)—and their carpet slippers. They had to bolt for it, but nine times out of ten they won."

England to-day has the greatest confidence in Kewites, who go all over the world, and wherever they go they help on the traditions of Kew."

On behalf of the Guild he gave a warm welcome to the guests of the evening, Mr. T. Hay, M.V.O., V.M.H., (Superintendent of Hyde Park), Mr. H. T. Wilkin (of Carter's Tested Seeds), and Mr. G.

Haig (Superintendent of the Hastings Parks Department). He also expressed the great pleasure it gave to the whole company to have with them so many overseas members, mentioning in particular, Mr. K. E. Toms (St. Helena), Mr. W. J. Corkhill (Sudan), Mr. W. Leslie (Queensland, Australia), who incidentally had left Kew so long ago as 1899, Mr. G. Corbett (Mauritius), Mr. C. B. Gibbins (Tanganyika Territory) and Mr. G. A. Best (Singapore).

The Hon. Secretary, Mr. E. G. Dunk, read a telegram of greeting that had been received from the "Kewites of Potsdam and Berlin," and the context was received with applause. The presentation of the annual awards followed and the President handed the prizes to the following successful students:—The Hooker Prize (presented by Sir Arthur Hill) was awarded to Mr. N. J. Prockter, who was also the winner of the Proudlock Prize for British Botany. The Dümmer Memorial Prize for British Botany and the Matilda Smith Memorial Prize (for Kew lectures) were both secured by Mr. C. A. Cann; The Mutual Improvement Society's Prize was awarded to Mr. C. E. Cherry.

A bright and original musical programme had been arranged by Mr and Mrs. J. S. L. Gilmour. The principal item was in the form of a song cycle and had as its title "Songs from the Shows." Much merriment was caused when jesting references were made to well-known Kew personalities, and the company readily joined in the appropriate choruses. The words and music had been jointly composed by Mr. and Mrs. Gilmour, and others taking part were Messrs. L. J. Harding, P. Thyer, S. H. Chantry, G. R. Groves, E. H. Robson, R. D. Hogg, and H. G. Langham. Songs were rendered by Mr. L. J. Harding and Mr. E. H. Robson and a talented member of the Gardens constabulary, Mr. F. L. Spiegelhalter gave much pleasure with his fine rendering of violin solos. Later in the evening an orchestra composed of Messrs. J. Berendt, J. Brown, J. Offley, I. Sinclair and F. L. Spiegelhalter gave selections.

Following the usual interval, Mr. C. P. Raffill (who incidentally happened to be the retiring President) proposed the toast of "The President." He gave an outline of Mr. Gill's early life and mentioned that his father (Mr. Richard Gill) had introduced some of the first hybrids of Himalayan rhododendrons. He had passed his knowledge on to his son who soon became a great exhibitor, and in his turn was handing the result of his experience to his son, Bernard.

Their President, he went on, had always been a great exhibitor. He had won 20 gold medals at the Shows of the Royal Horticultural Society and, in addition, had won the Rothschild challenge cup outright.

At this point, Mr. Raffill interspersed his remarks with some amusing anecdotes attributed to Mr. Gill, and caused a good deal of amusement by speaking of the latter's varied experience in business.

Returning, in a more serious vein, to the President's career, the speaker said that he had first come to Kew in 1898. In 1915 he had "joined up" in the motor transport, had been wounded at Arras at the

end of 1916, and sent home unfit. He had then been appointed lecturer for the Board of Agriculture in Cornwall and Devon. Later he had gone back to the old life. In the course of events he had been several times deputy mayor of Falmouth, and only his business ties had prevented him from accepting the position of mayor.

"Nowadays," concluded the speaker, "he hobnobs with all sorts of dukes and earls, even the King writes to him as 'Dear Mr. Gill,' so evidently our president is someone who is highly respected."

Mr. H. F. Wilkin, in a brief speech, thanked the members of the Guild on behalf of those who were the guests of the evening. He said that he had often wondered what "Kewite" meant; he was now quite convinced that it referred to "a congenial company of learned people." His only regret was that he could not claim to be one of them, though being in their company gave him unbounded pleasure.

Mr. Gill voiced his thanks for the very excellent reception that he had been given and for the excellent arrangements that had been brought to such a happy ending by the efforts of the honorary Secretary of the Guild, and for the excellent musical programme so ably arranged by Mr. and Mrs. Gilmour.

ANNUAL REPORT 1937-38.

The Committee have pleasure in submitting the Annual Report for the past year, together with the balance sheets and financial statements (which are as on December 31st, 1937).

The Annual General Meeting was held, as in former years, at the Clarendon Restaurant, Hammersmith, on May 27th, 1937, at 6.30 p.m., with Mr. C. P. Raffill, A.H.R.H.S., as Chairman. The Meeting was followed by the Annual Dinner when Mr. R. E. Gill presided over an assembly of 142 members and guests. Among the guests of the evening were Mr. T. Hay, M.V.O., Superintendent of Hyde Park; Mr. D. Haig, Superintendent of the Hastings Parks Department; and Mr. H. T. Wilkin of Carter's Tested Seeds, Raynes Park, S.W.14.

The members of the Committee who are due to retire this year are Messrs. A. Osborn, R. S. Lynch, W. M. Campbell and F. R. Long. The following nominations to fill the vacancies are submitted for approval:—Messrs. C. P. Raffill, F. G. Cousins, W. Franklin and A. W. Maynard. In addition there is a vacancy due to the death of Mr. W. Hales, A.L.S., who would have retired in normal sequence from the Committee in 1939. Mr. W. H. Johns is nominated to fill the vacancy for a period of one year. Mr. F. Shaw has been elected to represent the Foremen and Mr. P. A. Chandler the Student Gardeners at Kew. The duties of Hon. Treasurer will be carried out by Mr. L. Stenning during the coming year.

It is with regret that the Committee has accepted the resignation of Mr. E. G. Dunk from the offices of Hon. Secretary and Editor of the *Guild Journal* to take effect at the end of December next. Mr. Dunk has completed fifteen years in these positions, having succeeded Mr. A. C. Bartlett in May, 1923. At the moment no successor has been nominated, although Mr. W. M. Campbell, the Curator of the Gardens, has intimated that he is prepared to act as Editor of the *Journal*, if the Committee will consider filling the position of Hon. Secretary at some future date. The Committee will be called together at the earliest opportunity to consider this matter. Messrs. W. L. Lavender and A. Osborn are recommended as Hon. Auditors for the ensuing year.

The Proudlock Tennis Cup Competitions for 1937 were won by Mrs. Milne-Redhead and Mr. J. W. Ewart. Mr. R. L. Proudlock presented a smaller silver cup for the Ladies' Competition during the past year, and the Committee desire to place on record their thanks for Mr. Proudlock's further generosity.

Since the preparation of the balance sheets the Committee have sanctioned the refund of entrance fees to Mr. F. Goldsack, amounting to £4 4s. 0d., from the Educational Fund, consequent upon his being a successful entrant in the Royal Horticultural Society's examination for the National Diploma of Horticulture. No other grants were made during the past year.

Donations amounting to £3 12s. 0d. were received on behalf of the Benevolent Fund, which now has a healthy balance of £68 11s. 1d. No claims were dealt with during the past year.

The General Account shows a balance in hand of £54 3s. 4d., which while in itself appears satisfactory, gives rise to some concern, as it is from this account that the printing of the 1938 *Journal* has to be met. The average cost of production of each yearly number is more than £80 and the main source of revenue is from advertisers. Advertisements in small publications such as our *Journal* are difficult to obtain, as is evident this year; several old friends who have occupied space during the past years have intimated that they prefer the wider circulation available in the daily press, though it is doubtful whether with such proved results. The Committee therefore desire to appeal to members to subscribe to the General Funds of the Guild to enable the *Journal* standard to be maintained.

Since the accounts were closed, it is with much satisfaction that we have to record the generous donation of £85 to the Guild Funds by Mr. George Lamb, to be applied to whatever account the Committee may decide. Mr. Lamb had previously donated £15 over a period of years to the Guild Educational Fund. In this connection it should be intimated that provided further donations are available from members the Committee have decided to invest Mr. Lamb's gift for the benefit of the Guild's General Account.

Part of the manuscript of the 1938 *Journal* is in the printers' hands and proofs have been received, but unforeseen delays make it impossible to publish the number in time for the Annual General Meeting.

Since the publication of the 1937 *Journal* we regret to record the deaths of Messrs. J. Armstrong, G. A. Best, A. Birkenshaw, V. Buckholz, W. Cradwick, W. Hales, J. M. Henry, A. Hosking, O. Liden and T. Young. Reference should also be made to the late Sir Cecil Hanbury, M.P., whose interest in Kewites was well known, through the association of Kew and the La Mortola Gardens.

The receipts for the year ending December 31st, 1937, under the General Account amounted to £102 1s. 11d., and the expenditure to £115 15s. 5d., while the balance carried forward was £54 3s. 4d.

F. S. SILLITOE,
Chairman of Committee.

May 14th, 1938.

KEW GUILD GENERAL ACCOUNT
BALANCE SHEET (Year ending December 31st, 1937)

RECEIPTS.			EXPENDITURE.		
	£	s. d.		£	s. d.
Balance from 1936 account ...	67	16 10	Printing 1937 Journal; notices of Annual General Meeting, annual report and balance sheets and envelopes for Journals ...	90	8 0
Annual subscriptions & arrears ...	23	4 6	Honorarium to Hon. Secretary and Editor ...	15	0 0
Life subscriptions ...	6	0 0	Postages on 1937 Journal and Hon. Secretary's postages and incidentals ...	8	10 0
Advertisements in 1937 Journal ...	64	1 6	Hon. Treasurer's postages ...	0	8 11
Dividends on £300 3% New South Wales Stock 1955-58 (less Income Tax deductions) ...	6	16 2	Insurance of Proudlock Tennis Cups ...	0	7 6
Dividends on £26 6s. 3d. 3½% War Stock ...	0	18 4	Wreath for late Mr. W. Hales... ..	1	1 0
Interest on Post Office Savings Bank deposit ...	1	1 5			
			Balance in hand ...	54	3 4
	<u>£169</u>	<u>18 9</u>		<u>£169</u>	<u>18 9</u>

CAPITAL ACCOUNT

LIABILITIES.			ASSETS.		
	£	s. d.		£	s. d.
208 Life Subscribers of £1 at ½ rate ...	104	0 0	£300 3½% New South Wales Stock at par ...	300	0 0
252 Life Subscribers of £2 at ½ rate ...	252	0 0	£26 6s. 3d. 3½% War Stock at par ...	26	6 3
Assets exceed Liabilities ...	43	9 7	Valuation of Journals in Stock... ..	15	0 0
			Valuation of Typewriter ...	4	0 0
			Balance in hand ...	54	3 4
	<u>£399</u>	<u>9 7</u>		<u>£399</u>	<u>9 7</u>

WATSON MEMORIAL EDUCATIONAL FUND

RECEIPTS.			EXPENDITURE.		
	£	s. d.		£	s. d.
Balance from 1936 account ...	92	0 7	Nil ...		
Subscriptions and donations ...	1	19 6			
Dividends on £100 3½% War Stock ...	3	10 0	Balance in hand ...	99	15 9
Interest on Post Office Savings Bank deposit ...	2	5 8			
	<u>£99</u>	<u>15 9</u>		<u>£99</u>	<u>15 9</u>

(Assets : £100 3½% War Stock and Balance in hand £99 15s. 9d. Liabilities Nil).

DÜMMER MEMORIAL PRIZE FUND

RECEIPTS.			EXPENDITURE.		
	£	s. d.		£	s. d.
Balance from 1936 account ...	6	5 7	Purchase of 1937 prize award...	2	3 0
Dividend on £70 4% Funding Loan ...	2	16 0	Balance in hand ...	7	1 4
Interest on Post Office Savings Bank deposit ...	0	2 9			
	<u>£9</u>	<u>4 4</u>		<u>£9</u>	<u>4 4</u>

(Assets : £70 4% Funding Loan and Balance in hand £7 1s. 4d. Liabilities Nil).

MATILDA SMITH MEMORIAL FUND

RECEIPTS.			EXPENDITURE.		
	£	s. d.		£	s. d.
Balance from 1936 account ...	7	10 5	Purchase of 1937 prize award...	2	2 0
Dividend on £50 L.C.C. 5% stock ...	2	10 0	Balance in hand ...	8	1 9
Interest on Post Office Savings Bank deposit ...	0	3 4			
	<u>£10</u>	<u>3 9</u>		<u>£10</u>	<u>3 9</u>

(Assets : £50 L.C.C. 5% Stock and Balance in hand £8 1s. 9d. Liabilities : Nil).

THE BENEVOLENT FUND

RECEIPTS.			EXPENDITURE.		
	£	s. d.		£	s. d.
Balance from 1937 account ...	63	7 0	Nil ...		
Donations ...	3	12 0	Balance in hand ...	68	11 1
Interest on Post Office Savings Bank deposit ...	1	12 1			
	<u>£68</u>	<u>11 1</u>		<u>£68</u>	<u>11 1</u>

THE PROUDLOCK PRIZE FUND

RECEIPTS.			EXPENDITURE.		
	£	s. d.		£	s. d.
Balance from 1936 account ...	1	3 6	Purchase of 1937 prize award ...	1	0 0
Dividend on £25 4% Funding Loan ...	1	0 0	Balance in hand ...	1	3 9
Interest on Post Office Savings Bank deposit ...	0	0 3			
	<u>£2</u>	<u>3 9</u>		<u>£2</u>	<u>3 9</u>

(Assets : £25 4% Funding Loan and Balance in hand £1 3s. 9d. Liabilities : Nil).

ANNUAL DINNER.

RECEIPTS.				EXPENDITURE.			
	£	s.	d.		£	s.	d.
By 135 payments at 7s. 6d. ...	50	12	6	Clarendon Restaurant ...	46	3	0
(N.B.—There were 3 guests of the Guild, while 3 Artistes and a press reporter were not asked to pay for their tickets.)				Menu Cards ...	1	11	6
				Postages ...	0	17	6
				Table decorations (additional flowers) ...	0	5	0
				Artistes' sundries (costumes, etc.)	1	7	10
				Gratuities ...	0	5	0
				Incidental expenses ...	0	2	6
				Balance in hands of Hon. Sec. and carried forward to 1938 account ...	0	0	2
	£50	12	6		£50	12	6

The foregoing accounts have been duly checked, compared with supporting vouchers, bank books, stock certificates, etc., and found to be correct.

Signed, G. W. ROBINSON, } Hon. Auditors.
W. L. LAVENDER, } May 4th, 1938.

THE CRICKET CLUB, 1937.

At the Annual General Meeting of the Club, which was held on April 24th, 1937, the following officers were elected:—Mr. J. W. Ewart, Captain; Mr. E. Sleigh, Vice-Captain; with Messrs. L. Stenning and S. A. Pearce as members of Committee. At a Special General Meeting held on June 11th, Mr. E. Chantler was appointed Hon. Secretary. Messrs. C. A. Cann and J. W. Ewart had carried out the executive duties in the interim.

Our Captain was a fine example of sportsmanship and service throughout the season, and under his direction keen enthusiasm was shown by all players.

A promising fixture list had been compiled, consisting of two evening matches and seventeen to be played on Saturday afternoons and in addition the usual mid-week games. Unfortunately eight games were cancelled towards the end of the season, as with holidays intervening it was not easy to raise a representative team. The Club appreciates the ready assistance that was often forthcoming from those members who while not being notable players were always ready to take their place in the team often at short notice.

Of the 13 games played, 8 were won, 4 lost and 1 left drawn.

The season opened on May 1st, when we met our old friends, the St. Luke's C.C., on Kew Green. The Gardens batted first and Ewart, Curry and Pearce made 30, 25 and 15 runs respectively. Very meagre scores followed and these together with 11 byes, brought the total up to 88. St. Luke's opening pair (Messrs. R. Williams and R. Holland) scored freely to collect 48 runs. Stumps had to be drawn when the score stood at 58 for 4 wickets, of which Mr. Williams had contributed 26 not out.

Past Kewites were our very welcome opponents on Kew Green on June 5th. This annual fixture was played in perfect weather, and the wicket was in good condition. The present-day Kewites batted first, and Curry and Ewart were the opening pair and together they produced a respectable 43 runs. The side, however, collapsed and were all out for 83. This score was easily beaten by the "Old Boys," and Messrs. C. W. Rudd and W. A. Hockley contributed a useful 55 runs. The innings closed for 109 runs. Sayers captured 3 wickets, Page and Hudson 2 a-piece. The dance which followed the game was a very enjoyable affair and was well supported by the Old Kewites.

The annual mid-week match between Students and Staff was played on Kew Green on June 8th. Mr. S. A. Pearce was the only member of the Staff team who made any stand, and their innings closed for the low score of 55 runs. C. Joy took 5 wickets for 10 runs, and P. Page 3 for 18 runs. Page and Walker opened the batting for the Students, scoring 23 and 39 runs respectively, thus passing their opponents' total. At this point the match was

adjourned and the tea interval taken. Sir Arthur and Miss Hill with their customary hospitality entertained the teams to tea on the lawn tennis enclosure. Rain then intervened and the innings was declared closed at 74 for 3 wickets.

On June 15th, we paid our annual visit to the John Innes Horticultural Institution at Merton, and a very keen match was played on an excellent pitch. On such occasions as this, genuine regret is freely expressed that we are unable to invite our opponents to return the fixture on a better playing pitch than is available in the Old Deer Park at Richmond. John Innes C.C. won the toss, and helped largely by Quayle, Cullen and Boait, who were in good form with the bat, reached a total of 174. Sayers (5), Goldsack (3) and Hudson (2) accounted for the wickets. At the close of this innings the tea interval was taken and we were entertained with that hospitality so characteristic of the John Innes Club.

After tea, our batsmen too found their form. Ewart and Pearce opened the innings, the former compiling 57 runs before being out l.b.w. Allen made 35 and Preston 30 not out. Possibly the outstanding feature of the match was the fine partnership between S. A. Pearce and J. S. L. Gilmour, who put on 54 runs after the 9th wicket had fallen so that Kew won by the narrow margin of 5 runs. Boait took 7 of our wickets and Quayle the other 3.

In our match against the Borough Road College C.C., we won by 8 wickets. Hudson was in great fettle and claimed 6 wickets for 18 runs. A week later we had the pleasure of beating Kew C.C. by a margin of 30 runs; Sayers scored 41 runs not out.

We travelled to Reading on July 3rd to meet old friends in Suttons' 2nd XI. Under a scorching sun on as perfect a wicket as one could ever wish to play on, we compiled a useful 164 runs. Curry contributed a valuable 33, Pearce 26, and Stenning 31 not out. The following innings developed into a race against the clock, and the last wicket fell in the last over of the afternoon. In this match Sayers took 5 wickets for 28 runs, a fine performance on such a perfect wicket.

Later in the season our team experienced little difficulty in defeating both the John Innes C.C. and the Richmond Town Hall (Staff) C.C. by outstanding margins.

On August 28th, however, we met Hadley Sports Club on their ground and were defeated. This was a very enjoyable game, played in good weather on a splendid pitch. Hadley batted first and compiled 73 runs; Glasheen bowled well and took 6 wickets for 25 runs. We did not anticipate trouble and expected to pass our opponents' modest score, but the side collapsed before some fine bowling and fielding and were all out for 50 runs.

In conclusion I am desired by the Committee to thank all who have given their support during the past season, and in particular Mr. J. Glasheen, whose services have been so valuable on many occasions, and Harry Davies (now in South Africa) who has yet again acted as umpire for almost every match.

Averages for 1937.

BATTING				
	No. of Innings.	Times Not Out.	Highest Score.	Total Runs.
1. J. W. Ewart ...	11	2	57	227
2. T. G. Curry ...	9	1	33	112
3. S. A. Pearce ...	9	0	26	63
4. G. H. Preston ...	9	1	30 n.o.	63
5. E. Sleigh ...	7	0	17	35
6. F. Walker... ..	9	1	39	104
7. R. Hudson ...	7	0	14	40
8. P. W. Page ...	6	0	23	47
9. D. Sayers ...	7	3	41	121
10. L. Stenning ...	4	1	31 n.o.	38
11. A. Allen ...	4	2	36	99

BOWLING					
	No. of Overs.	Maiden Overs.	No. of Runs.	Wickets.	Average.
1. T. G. Curry ...	28	4	60	5	12.00
2. G. H. Preston ...	33	3	140	11	12.73
3. F. Walker... ..	6	0	28	2	14.00
4. R. Hudson ...	28	4	88	13	6.77
5. P. W. Page ...	55	15	136	15	9.07
6. C. Joy ...	25	3	60	11	5.45
7. J. Glasheen ...	53	14	99	14	7.07
8. F. Goldsack ...	12	1	57	5	11.40
9. D. Sayers ...	67	19	148	24	6.17

E. CHANTLER,
Hon. Secretary, 1937.

 THE FOOTBALL CLUB 1937-38.

The Annual Meeting of the Sports Club was held on April 24th, 1937, in the Iron Room, and the following were elected officers for the football section:—Mr. F. G. A. Goldsack, Captain; Mr. Roy Hudson, Vice-Captain; Mr. T. Gordon Curry, Hon. Secretary; and Messrs. R. A. Chandler and D. W. Sayers, members of Committee.

In view of the poor season during 1936-37, the committee and playing members hoped for a more successful season and anticipated that it would be reasonably possible to fulfil all the fixtures, and not scratch those in the latter half of the season as previously. Unfortunately this wish did not materialise, for though an attractive fixture list comprising 27 matches was arranged, and several fresh opponents anticipated, only 12 games were played. This was particularly disappointing in view of the efforts that had been made by those directly responsible in arranging the fixture list.

Only once throughout the season were we represented by a full eleven composed entirely of Kew Students and this was on the occasion of the match (a mid-week fixture on Wednesday, February 2nd, 1938) against Reading University at Reading. The game produced football of a high standard and in the writer's opinion this particular eleven would have given an excellent show had it been

possible to play it throughout the season. The match was played before a large crowd of spectators, and with perfect football weather, the team played remarkably well. Special credit must be given to M. Chevalier, who appeared in goal for the first time and gave a first class exhibition of sound goal keeping; unfortunately as the remainder of our fixtures had to be cancelled through lack of support and interest, he did not have the opportunity to fill the position again. The result of the game was a draw, each side scoring once, but Kew were unfortunate in not securing the winning goal as the Reading goal was vigorously attacked in the closing stages of a thrilling game. Following the match we were entertained to tea and Mr. Goldsack voiced our thanks in a vote of thanks before returning to Kew.

Other games of interest were with the National Physical Laboratory at Teddington, whom we defeated for the first time; the Old Actonians (new opponents) provided us with our biggest victory by 7 goals to 2. Our heaviest defeat was at the hands of the Old Isleworthians by the big margin of 9 goals to 2. This fixture was away from home, the return fixture was truly better as we were able to hold them to a draw.

One cannot let these notes of a disappointing season close without reference to the brighter side of the club's affairs, and our thanks are due to such stalwarts as Messrs. P. W. Page, F. G. A. Goldsack, P. Bulpitt (who though the youngest member of the team, played whenever called upon) and Roy Hudson, who often played when far from fit and rendered great help in finding "last minute" players. A word of appreciation is called for by the valuable assistance given us by Messrs. B. B. Wass (Kingston), Messrs. West, Barratt, Smith (H.M.O.W., Kew) as playing members, and to Mr. A. Finch for acting as referee on several occasions.

Our record for the past season is :—

Played 12, Won 5, Drawn 1, Lost 6.

In conclusion may I stress the point that unless more support from active members is forthcoming, coupled with enthusiasm for the game, thus enabling the Club to fulfil its fixtures, it will become extremely difficult for matches to be arranged at all, as other clubs will not tolerate cancellation of fixtures year after year. It is earnestly hoped that our membership will show a steady increase during next season and that all members will support the club wholeheartedly so that we may realise our motto even on the football field—*Floreat Kew*.

T. GORDON CURRY,
Hon. Secretary, 1937-38.

THE SWIMMING CLUB, 1937.

The Annual General Meeting of the Club was held on April 24th, 1937, and as a result the Hon. Secretary, Mr. E. H. Robson, was re-elected, while Mr. F. G. Goldsack was selected as Captain, Mr. J. W. Ewart, Vice-Captain, and Messrs. C. A. Joy and R. A. Hudson as members of the Committee.

At the commencement of the season good attendances were recorded at the Richmond Public Baths, where classes for the crawl and breast stroke were arranged under the supervision of Mr. Newman, the Baths' Superintendent. About twenty members, including novices, participated in these classes and derived much benefit therefrom, the exceptions being those who tried the crawl before coming familiar with the breast stroke!

Trial swims in the Thames were indulged in as the season advanced and enabled would-be contestants to become familiar with the conditions which were to be expected in the Annual Race. This event was held on the evening of July 27th over the familiar course from Isleworth Ferry Gate to Kew Bridge. Once again we were fortunate in having our old friend Mr. J. A. Mingay as Starter, and the Club is indebted to him for his continued interest in this annual event, in spite of his having to come from Southend-on-Sea to render this assistance. Mr. L. Stenning and Mr. C. P. Raffill gave their services as Timekeeper and Judge, and there were those too who so ably assisted by manning the attendant safety boats not only during the race but on previous practice swims.

It can be said that good swimmers this season were fewer than in previous years, but six competitors entered and were off to a good start. G. H. Addison was soon in the lead, closely followed by S. W. Rawlings and C. H. Rottgardt, with R. O. Stanion just behind in company with J. Short and P. W. Mansell. The majority of the contestants favoured the side or breast stroke, but Stanion preferred the rather strenuous but faster crawl. He quickly overhauled the leaders, going into first place, and it seemed a matter for conjecture as to whether he could maintain the pace until the finish. Rottgardt and Addison were not far behind, but Rawlings, after a good start, found himself losing ground, with Short close on his heels and Mansell plodding away in the rear.

Stanion steadily increased his advantage, while Rottgardt and Addison were almost level, and though tiring were gamely making a race of it. Gradually Rottgardt drew away and it seemed certain that he would finish easily second, but Addison had something in reserve and again drew level. Those on the towing path encouraged the swimmers with their cheers. The river bend was reached and Kew Bridge came into view, but it was then apparent that pluckily though Addison was swimming, he had made his effort too soon, for Rottgardt, swimming more strongly, went to the front to take second place to Stanion, who had maintained his lead. Rawlings followed

Addison and Short brought up the rear as Mansell had retired from the race. Stanion was an easy winner, swimming very strongly throughout.

The times and placings were as follows :—

1.	R. O. Stanion ...	...	17 mins. 20 secs.
2.	C. H. Rottgardt ...	...	17 „ 40 „
3.	G. H. Addison ...	...	18 „ 25 „
4.	S. W. Rawlings ...	...	19 „ 10 „
5.	J. Short ...	...	21 „ 5 „
(P. W. Mansell—retired.)			

The race was followed by a very successful dance, which was held later in the evening at the Kew Pavilion, when Sir Arthur and Miss Hill were present and the Silver Challenge Cup and medals were awarded to the successful competitors.

E. H. ROBSON,
Hon. Secretary, 1937.

THE SOCIAL CLUB, 1937-38.

As it was necessary to prepare the report for 1936/37 before the close of the season to enable this to be included in the *Journal* for 1937, the results of the tournaments were not available.

The 1937 Billiards tournament was won by Mr. P. Thyer, who beat Mr. S. W. Rawlings by a very narrow margin. The Table Tennis tournament was easily won by Mr. K. W. R. Winter. The prizes were the winners' own choice, and Mr. P. Thyer elected to have a box of tennis balls, while Mr. K. W. R. Winter preferred a small engraved silver medal.

The balance in hand from the 1936-37 season was devoted to the re-covering of the Billiards Table and has proved to be money well spent.

The Annual General Meeting was held in the Lecture Room on October 1st, 1937, and Mr. J. S. L. Gilmour presided over an attendance of about twenty members. Mr. G. H. Addison was elected Hon. Secretary and Mr. A. R. T. Buckley, Hon. Treasurer, with Mr. F. Shaw as Chairman and Messrs. J. Short and A. Boreman as members of the Committee. Reference was made during the meeting to the desirability of arranging debates on non-horticultural subjects and Mr. Gilmour intimated that he was prepared to grant members facilities to hold such meetings in a room at his residence. This offer was gladly accepted and a vote of thanks accorded Mr. Gilmour.

Owing to lack of support during the previous season it was decided to discontinue the Chess circle. It was agreed to leave arrangements for the 1937-38 session in the hands of the Committee and the meeting concluded with a vote of thanks to Mr. E. H. Robson, the retiring Hon. Secretary.

The tournaments for the present season are now in full swing and the ultimate result is very open. Darts are the most popular game at the moment and as a result the receipts for Billiards have declined. Membership fees have, however, increased and the financial position of the Club remains very sound.

Up to the time of this report we have played two matches, with our old friends and neighbours, the John Innes Horticultural Institution. The first was played at Merton and resulted in a win for Kew. At Table Tennis we finished all square, so a deciding game was played, to give us the match by five games to four. Incidentally the participants in the decider were two players from the respective darts teams. The darts team was successful by two games to one, while the honours for the individual dart games were ours by four to two.

In the return match, although a great social success, we failed to keep up to our previous form. John Innes beat us at Table Tennis by four games to two, and we shared the honours at Billiards. The darts team was successful by two games to one, but we were defeated in the individual games.

There still remain several weeks of the present season and our members are still enthusiastic, and doubtless this can be attributed to the tournaments that have been arranged among the members themselves. Our thanks are due to those who have taken an interest in the activities of the Club, either by subscriptions or regular attendance on club nights.

G. H. ADDISON,
Hon. Secretary, 1937-38.

THE BRITISH BOTANY CLUB.

The Annual General Meeting was held in the Iron Room on February 16th, 1937, when Mr. F. Ballard, B.Sc., presided. Mr. C. A. Cann read the Minutes of the previous meeting which were adopted. The annual report showed that in spite of fewer collections being submitted for examination than in the previous season the whole programme of rambles had been carried through and members were enthusiastic. The following were elected to hold office for the 1937 season:—Mr. F. Ballard, President; Mr. C. Cann, Hon. Secretary; Messrs. N. J. Prockter, W. Grant and G. E. Taylor as members of the Committee. It was agreed that it was desirable to obtain standardized mounting sheets and natural order covers and Mr. Ballard undertook to arrange this in co-operation with the Hon. Secretary. The Hon. Secretary outlined the methods of collecting, drying and mounting specimens and Mr. Ballard stressed the necessity of ample ecological notes and the importance of using restraint when collecting rare plants. Specimens from prize-winning collections were exhibited for the guidance of intending collectors.

The season commenced with a ramble over Epsom Downs and Box Hill. Fortunately the weather was ideal, and this was unusual for so early in the year (April 3rd). Numerous plants were collected including, *Lathræa squamaria*, *Adoxa Moschatellina* and *Helleborus foetidus*.

On May 4th, four members visited the Leatherhead district and a number of chalk-loving plants were secured, such as *Viburnum Lantana*, *Lamium Galeobdolon* and the Celandine, *Chelidonium majus*.

Mr. C. E. Hubbard conducted a party through the Queen's Cottage grounds on June 7th, in search of grasses and twenty-four different species were collected.

The annual full day trip took place on July 19th, when a motor coach load of nineteen travelled to Milford-on-Sea, under the able leadership of Dr. W. B. Turrill. Following a somewhat late start good progress was made *en route* and we reached our destination at 11.30 a.m. We were treated to a full and interesting ecological description of the neighbourhood by Dr. Turrill before setting off to explore the salt marshes and the foreshore. The inevitable bathe and the visit to Hurst Castle were included, and numerous plants peculiar to the district were collected. Among them was *Calystegia Soldanella*, *Arenaria peploides*, *Salicornia radicans* and *S. herbacea*, *Artemisia maritima*, *Glacium flavum* and numerous maritime sedges and grasses.

On the evening of August 13th, a few members botanised along the river bank from Richmond to Teddington Sand Pits, and this trip, which by the way was the last official one of the season, was made noteworthy by the discovery of a very rare and interesting plant, namely, *Scilla autumnalis*.

It is somewhat discouraging to record that, although eight collectors had intimated their willingness to submit collections, only four were sent in for examination, all of which secured certificates.

The Dümmer Memorial Prize was awarded to Mr. S. Rawlings for an excellent collection, and the Proudlock Silver Jubilee Prize to Mr. R. E. Purrott, whose collection was adjudged the next best. Messrs. F. Shaw and H. Langham both submitted satisfactory collections. It is pleasant, however, to record that the high standard in the preparation of the specimens which has been so notable in the past was well maintained.

Mr. C. Cann left the Gardens on his appointment to the Fleetwood Parks Department in October and Mr. G. H. Addison succeeded him as Hon. Secretary.

The thanks of the Club are due to Mr. J. S. L. Gilmour, Mr. C. E. Hubbard, Mr. F. Ballard, Dr. W. B. Turrill and other members of the Kew staff who have helped in various ways to further the aims and interests of the Club and its members.

G. H. ADDISON.

Hon. Secretary.

THE MUTUAL IMPROVEMENT SOCIETY 1936-1937

The Annual General Meeting was held in the Garden Library on September 7th, 1936, with Mr. C. P. Raffill, A.H.R.H.S., in the Chair. The principal business of the meeting was the election of *officers* for the coming session. Mr. C. P. Raffill and Mr. G. W. Robinson were unanimously re-elected Chairman and Vice-Chairman respectively. Mr. N. J. Prockter was elected Hon. Secretary; Mr. C. G. Last, Assistant Hon. Secretary; and Messrs. J. Heppell, G. J. Leith and F. G. Mackaness were appointed members of the Committee.

The syllabus of 21 lectures arranged were of general interest on account of the great diversity of subjects chosen by the speakers. Ten of the lectures were illustrated by lantern slides. During the session we have indeed had excellent opportunities to see and hear how horticulture is practised in many parts of the world. Mr. G. W. Robinson opened the session with an interesting lantern lecture entitled "A South American Trip." Our two members from across the Atlantic, Mr. H. W. Swift and Mr. A. J. Fordham told us how things are done in the "New York Botanical Gardens" and the "Arnold Arboretum," each lecture being illustrated by a series of excellent lantern slides.

We are indebted to the Director (Sir A. W. Hill, F.R.S., etc.) for his interesting lecture "Kew in relation to the Empire," which too was well illustrated by lantern slides. Mr. F. J. E. Jollie gave an entertaining talk on the "Native Flora of New Zealand." Other lectures of interest, which dealt with the practical side of horticulture were "Grass Management," "Roses," "Strawberry Forcing," "Gentians," etc.

Mr. K. W. R. Winter (from Germany) is to be congratulated on his paper "The Cultivation of Ericas in Germany," while a lecture of special interest was "The Trend of Horticulture." The talk given by Mr. R. H. Keith (from Canada) on "Colour Harmonies" was surely a forerunner of that with which our Chairman, Mr. C. P. Raffill, concluded a very successful session, namely "A Year of Kew in Natural Colours."

The total attendance was 589, with an average of 28 per lecture; 42 individual members took part in the discussions. The annual collection on behalf of the Royal Gardeners Benevolent Fund realised £1 11s. 0d.

The Hooker Prize, presented each year by the Director, was awarded to Mr. N. J. Prockter for his work as Hon. Secretary and the Society's Prize to Mr. C. E. Cherry for his interest in the Society and his lecture "Some Significant Horticultural Experiments."

Three excursions were arranged during the summer months as follows.

On June 15th, 1937, by kind permission of Sir Philip Sassoon, we saw over the gardens of Trent Park. Mr. Wilson, the head gardener,

kindly conducted us round the extensive grounds. On July 3rd, several members accompanied the Cricket XI to Reading, paying a visit to the extensive trial grounds of Messrs. Sutton and Sons, Ltd., in the morning by kind permission of the Directors. During the afternoon Mr. Cobb shewed us round the Reading University Horticultural Station and we are indebted to the Principal for allowing us this opportunity. Our last trip was to Messrs. Carters Ltd., at Raynes Park, where we were shewn round and entertained by the directors of the firm.

We take this opportunity of wishing Mr. J. Coutts, a past Chairman of the Society, good health and happiness in his retirement.

The Society wishes to thank all those who have helped in any way to make the meetings and outings a success; and we are especially indebted to the untiring interest and support of Mr. C. P. Raffill and Mr. G. W. Robinson which have been ungrudgingly given at all times.

SYLLABUS, 1936-37.

1936.

Oct.	12.	*A South American Trip	...	...	Mr. G. W. Robinson.
"	19.	Questions and Answers.			
"	26.	Some Botanical Aspects of Horticulture			Mr. E. C. Wray.
Nov.	2.	Bedding Plants	...	...	Mr. S. W. Rawlings.
"	9.	*Native Flora of New Zealand...	...	...	Mr. F. J. E. Jollie.
"	16.	The Genus Ulmus	...	...	Mr. C. A. Cann.
"	23.	Gentians...	...	...	Mr. P. W. Page.
"	30.	Strawberry Forcing	...	...	Mr. F. Shaw.
Dec.	7.	*Roses	...	...	Mr. A. Jefferiss.
"	14.	{ Christmas Vacation.			
"	21.				
"	28.				

1937.

Jan.	4.	*Kew, in Relation to the Empire	...	Sir A. W. Hill, F.R.S.
"	11.	Grass Management	...	Mr. G. Urton.
"	18.	*The Lifting and Planting of Large Cupressus in Northern Spain	...	Mr. S. H. Chantry.
"	25.	*Berlin Botanic Gardens	...	Mr. F. L. Simmonds.
Feb.	1.	*New York Botanical Gardens...	...	Mr. H. W. Swift.
"	8.	Colour Harmonies	...	Mr. R. H. Keith.
"	15.	*Some Significant Horticultural Experiments	...	Mr. C. E. Cherry.
"	22.	The Cultivation of Ericas in Germany	...	Mr. K. W. R. Winter.
March	1.	Cut Flowers for a Manchester Market	...	Mr. E. Chantler.
"	8.	The Trend of Horticulture	...	Mr. F. G. Mackaness.
"	15.	*Arnold Arboretum	...	Mr. A. J. Fordham.
"	22.	*A Year of Kew in Natural Colours	...	Mr. C. P. Raffill.
April	12.	Secretary's Report for the Session.		

* Lantern Lectures.

N. J. PROCKTER.

Hon. Secretary,

1936-37.

THE LECTURES, 1937.

Soils and Manures.—Lecturer, Mr. Warren.

Distinctions :—W. F. Walker and G. T. F. Wyndham.

General Botany.—Lecturer, Mr. V. S. Summerhayes.

Distinctions :—A. Jefferiss, F. G. Mackaness, B. L. Perkins and F. Shaw.

Plant Nomenclature.—Lecturer, Miss M. L. Green.

Distinctions :—E. Chantler, C. E. Cherry, F. G. A. Goldsack, A. Jefferiss, C. A. Joy, R. H. Keith, B. L. Perkins, A. L. J. Poy, S. Rolff and F. Shaw.

Plant Pathology (Insect Pests).—Lecturer, Mr. C. Potter.

Distinctions :—C. A. Cann, E. H. Robson and W. F. Walker.

Elementary Systematic Botany.—Lecturer, Mr. F. Ballard.

Distinctions :—E. Chantler, C. E. Cherry, A. Jefferiss and B. L. Perkins.

Plant Physiology and Ecology.—Lecturer, Dr. W. B. Turrill.

Distinctions :—E. Chantler, C. E. Cherry and F. Shaw.

Advanced Systematic Botany.—Lecturers, Miss M. L. Green and Mr. F. Ballard.

Distinction :—C. A. Cann.

Physics and Chemistry.—Lecturer, Dr. P. Haas.

Distinction :—R. H. Wildy.

Plant Pathology (Fungi).—Lecturer, Mr. A. D. Cotton.

Distinctions :—P. A. Chandler, S. Holt, B. L. Perkins, S. W. Rawlings, F. Shaw and L. E. de Wolf.

Arboriculture —Lecturer, Mr. W. Dallimore.

Distinctions :—P. A. Chandler, S. Holt, B. L. Perkins, A. H. Pettigrew, F. Shaw and L. de Wolf.

NOTES AND GLEANINGS.

VISITORS TO THE ROYAL BOTANIC GARDENS, KEW, DURING 1937.—The total number of visitors during 1937 was 1,164,249, an increase of 35,589 over 1936. The total weekday attendance was 644,656, and on Sundays 519,593 persons passed through the turnstiles. May, with 271,711 visitors, was the month with the greatest attendance, and December the lowest with 7,814 persons. May 17th

(Whit-Monday) 64,891 and Sunday, May 30th, 33,267, were the principal occasions with large attendances, and in contrast December 13th had only 6 visitors and December 19th was the Sunday with the lowest attendance, 136 persons. On Students Days throughout the years there were 75,151 visitors.

	1937.			
January	16,197
February	19,659
March	81,247
April	114,770
May	271,711
June	159,616
July	129,767
August	207,430
September	90,286
October	54,858
November	10,894
December	7,814
				<hr/>
				1,164,249

The total amount of river water consumed during the year 1937 was 24,046,000 gallons, an increase of 1,246,000 gallons over 1936.

RIVER WATER CONSUMPTION, 1937.

January	...	...	1,088,000	gallons
February	...	...	1,028,000	"
March	...	...	1,258,000	"
April	...	...	1,264,000	"
May	...	...	1,458,000	"
June	...	...	2,315,000	"
July	...	...	4,057,000	"
August	...	...	5,377,000	"
September	...	...	2,791,000	"
October	...	...	1,644,000	"
November	...	...	1,133,000	"
December	...	...	633,000	"
			<hr/>	
			24,046,000	"

Mr. R. W. Balch, formerly at Christchurch Botanic Gardens, and now a student gardener at Kew, was awarded the Cockayne Gold Medal in June, 1937. He was the most successful student in the

Diploma Examinations held by the New Zealand Institute of Horticulture in 1936.

Carbon bisulphide has been used for many years for gas-poisoning specimens received at the herbarium and for the control of insect attacks. The efficacy of the process has been somewhat questionable and recently an apparatus has been installed by which specimens are subjected to a high concentration of hydrogen cyanide gas. Already many thousand sheets of specimens have been dealt with in the specially constructed gas chamber.

During March and April of last year Dr. J. Hutchinson and Dr. C. R. Metcalfe were granted special leave in order to visit the Cameroons. They spent two weeks collecting on the Cameroon Mountain, the summit of which was reached on April 6th.

Mr. N. Y. Sandwith was a member of the entomological expedition to British Guiana in July last, which was organised by the Imperial College of Science. At the conclusion of the expedition he proceeded to Tobago and then to Trinidad. As a result of his travels, Mr. Sandwith's botanical collections reached a total of about 1,000 specimens.

Mr. E. Milne-Redhead left Kew in September, 1937, for a stay of six months in Northern Rhodesia, where he is engaged in making extensive botanical collections.

During the autumn of 1937, the circular bed with the large vase and stone edging which was very familiar to all who visited the Gardens was removed and in its stead there is now a large bed some 20 feet in diameter bordered by a grass verge. The level of the bed has been lowered to bring it into line with the adjacent beds on either side of the broad walk. During the spring of 1938 these beds were very colourful with a display of hyacinths.

Exchange arrangements with Student gardeners were continued with the following overseas establishments during 1937:—La Mortola, Italy; State Horticultural School, Vilvorde, Belgium; Botanic Gardens at Berlin, Goteborg, Hamburg, Munich and New York; the Luxembourg Gardens, Paris, and the Public Works Department, Pretoria, Union of South Africa.

960 separate consignments of plants, bulbs, seeds, etc., were received at the Gardens during 1937. Special consignments intended

for the Empire Exhibit at the R.H.S. Chelsea Show in May were received from the following :—Adelaide, Australia; Ottawa, Canada; Peradeniya, Ceylon; Gambia, Gold Coast; Grenada; Hongkong; Calcutta, India; Kenya; Nigeria; Nyasaland; St. Helena; Seychelles; Singapore; Trinidad and Zanzibar.

The annual distribution of seeds resulted in 199 separate consignments being despatched, made up of 5,703 packets of herbaceous plants and 4,120 packets of trees and shrubs, a slight decrease in the aggregate for the previous year.

Mr. R. F. Williams resigned his position as Higher Grade Clerk in the Curator's Office on June 28th, 1937, in order to take up a position in the Air Ministry. He is succeeded by Mr. A. Hearn, who was formerly a Clerical Officer in the Director's Office. It will be recalled that Mr. Williams was Hon. Treasurer of the Guild for a number of years. A presentation was made to Mr. Williams on leaving Kew by Mr. J. Coutts, on behalf of the staff of the Curator's Office and others immediately concerned (*i.e.*, the Assistant Curators, Storekeeper, etc.).

The Director was invited to attend the 25th Annual Meeting of the Indian Science Congress, held at Calcutta from January 2nd to January 9th, 1938, as one of the delegates of the British Association. Darjeeling was among the towns and cities visited during the subsequent tour, and from there a visit was paid to the Cinchona plantations at Mungpoo, which are in charge of Mr. P. V. Osborne and Mr. L. G. Richards. Mr. H. Thomas and Mr. G. H. Fothergill came from Munsong to meet the Director. To quote from the Kew Bulletin 1937, p. 532, "The condition of the plantations was excellent and reflected the greatest credit on the work of the present Kewites, and of their long line of predecessors." During this part of his tour the Director met Mr. E. Little, who is in charge of the Government House Gardens at Poona, and Mr. L. F. Ruse at Delhi.

The Retirement of Mr. John Coutts.

On August 31st, 1937, Mr. John Coutts retired under the age limit regulations, from the post of Curator of the Royal Botanic Gardens, Kew, to the great regret of all who were privileged to have been associated with him. "Jock" Coutts was a friend indeed to all Kewites and it can honestly be said that there could hardly be anyone who had passed through Kew during the last quarter of a century who had not received sound advice and help from Mr. Coutts, either while serving at Kew or in later years. He was an outstanding Kewite, whose interests were intimately linked with Kew men the world over.

Mr. Coutts first came to Kew as a student gardener on November 2nd, 1896, and was promoted to sub-foreman on October 3rd, 1898. He left Kew on September 15th, 1900, on being appointed head gardener to Sir Thomas Dyke Acland, Bart., at Killerton, Devon. He remained there for upwards of eight years and was recalled to Kew as Foreman of the Decorative Department on March 25th, 1909. A change of title in June, 1922, did away with the post of Foremen, who were subsequently known as Assistant Curators.

Mr. Coutts was appointed Deputy Curator on May 21st, 1929, and succeeded the late Mr. T. W. Taylor as Curator on March 5th, 1932. He was made an Associate of Honour of the Royal Horticultural Society in 1930 and was awarded the Victoria Medal of Honour in Horticulture in 1934 and the Veitch Memorial Medal in 1937. In the 1938 New Year Honours Mr. Coutts was created a Member of the British Empire (M.B.E.). We extend to Mr. and Mrs. Coutts our best wishes for many years of happiness in their well earned and richly deserved leisure. They have made their home in the healthy district of the Surrey hills near Woking, and one of Mr. Coutts' first tasks was to construct a garden for his enjoyment!

Mr. Coutts is succeeded at Kew as Curator by Mr. William Malcolm Campbell, N.D.H., formerly Superintendent of the Parks Department, Southend-on-Sea, Essex. Mr. Campbell is an old Kewite, who entered Kew as a student gardener in August, 1922, and left in April, 1924.

Mr. George William Robinson, Assistant Curator in charge of the Herbaceous and Alpine Department since 1931, was appointed Curator of Physic Garden, Chelsea, in succession to the late Mr. William Hales, A.L.S., whose death is referred to on p. 791.

Mr. Robinson is succeeded at Kew by Mr. George Preston, previously Foreman of the Herbaceous Department and son of Mr. F. G. Preston, Superintendent of the University Botanic Garden, Cambridge.

The Coronation, May 12th, 1937.

By command of H.M. the King, medals were forwarded to the Director, Dr. T. A. Sprague and to Sergeant-Constable J. Sealy, to be worn in commemoration of their Majesties' Coronation.

Miss Ada F. Fitch retired from the post of Sub-Assistant in the Herbarium on April 10th, 1937, after 45 years' service at Kew. It should be recalled that Miss Fitch's father was W. H. Fitch, the celebrated botanical artist.

Among the numerous retirements during the past year mention should be made of that of Mr. Harold Green, formerly Superintendent

of the Botanical and Forestry Department, Hong Kong. Mr. Green is succeeded by another Kewite, Mr. F. Flippance, who has been in charge of the famous Waterfall Gardens at Penang for many years.

Sir David Prain celebrated his 80th birthday on July 11th, 1937. Former Colleagues and friends conveyed their congratulations in a letter personally signed by some ninety-five persons, and the hope was earnestly expressed that Sir David may continue to enjoy good health in order to be able to participate in his many activities for some years to come. This wish will be echoed by all those members of the Guild who were privileged to know him, whether at Kew while Director, or in other spheres of his labours.

In the "Daily Telegraph and Morning Post" of 27/4/1938 we read that Sir Geoffrey Evans, Principal of the Imperial College of Tropical Agriculture, Trinidad, has been appointed economic botanist at Kew in succession to Mr. H. C. Sampson.

The following changes are notified from the Union of South Africa :—

Mr. J. C. van Balen has been appointed Assistant Director of Parks and Estates, Johannesburg.

Mr. T. A. Arnold is now Superintendent of Parks, Boksburg, Transvaal.

Mr. G. A. Davis has been appointed Foreman of the Parks Department, Cape Town.

Mr. A. Findlay Gunn has been raised in status to Superintendent of Parks and Town Attractions, Randfontein, Transvaal.

Mr. A. F. Baker, Superintendent of Parks, Bloemfontein, is the President of the Association of Superintendents of Public Parks and Gardens (South Africa) for the ensuing year. Mr. A. Findlay Gunn is Hon. Secretary of the Association, which includes some fourteen Kewites among its members.

Mr. J. Lambourne, Assistant Agriculturist, Department of Agriculture, Kuala Lumpur, F.M.S., retired on November 4th, 1937, after over 25 years service.

Aeroplane Crash in the Gardens.

An aeroplane trailing a large advertising banner made a forced landing only a few yards from the rose beds at the back of the Palm House soon after mid-day on January 5th, 1938. A perfect landing would have been possible had not the left wing of the plane caught

in the Palm House. My first change was to the Heath (now Cape) House and the Begonia charge. At this time Harris was in the Stove and Ashton in the Orchids. Later I took over the economics, which were part of the T range. George Charman who was deputy in the Temperate House Pits secured a position at Syon House, and I succeeded him and had Pat Weathers working with me. After a year in this department the wanderlust seized hold of me and I decided to try my fortunes in Australia with Tom Hanly, who at that time was in charge of the Water Lily House. Temple Powell succeeded me at the Pits and according to my latest *Journal* he has a nursery business quite close to Kew and George Charman is in the U.S.A.

Mr. Watson always impressed me as a good general who knew how to get the best out of his men. Robert Ward was also there with us and he always seemed very solid and serious. So poor old John Fraser has joined the great majority. He certainly had a very full and useful life. He was in the Herbaceous department in my time and we were great pals, often going for week-end trips botanising together. I had the pleasure of introducing him to Covent Garden Market. Fraser was very thorough in everything and I never saw him in a hurry or out of temper. While I was at the Temperate House Pits, Fraser became Secretary to Sir John Lubbock and they often paid me visits to look up various seedlings and to obtain material for the work they were engaged on. John Boorman was there for a few months in my days, and he left to go to Queensland. After a while he moved down to Sydney and was in the Botanic Gardens there for nearly forty years. The latter part of the time he was plant collector, and was of great service to Mr. J. H. Maiden in his researches with the genus *Eucalyptus*. By the way, Boorman is always known to us as Luke (it may be he was christened Luke John!). At the present time the poor fellow is quite an invalid and is in a Rest Home in one of the suburbs of Sydney (at Summer Hill). Edmund Fowell was another fellow student at that time and he is still in a private position just outside Sydney, I often saw him when in that city a few years ago. Part of the time I was at Kew, Walter Weller was in charge of the Water Lily House and some ten years or so ago, I succeeded him as head gardener to General Grimwade at Frankston. I met him at this time, but since I have lost trace of him; I wrote to his last known address a few days ago, but he had not been heard of for some years, but in all probability went to Western Australia, so I am hoping to trace him someday. "Joe" Benbow was also among the Kewites of my day; he left for the London Parks, but subsequently was at the famous La Mortola gardens on the Italian Riviera. I had a letter from him a short time ago when apparently he was hale and hearty and enjoying his well-earned leisure."

Mr. Green concludes, "If you think these lines suitable perhaps you will be able to find space for them in the *Journal*. I must say I thoroughly appreciate the *Journal*, it is a "red letter day" when it arrives. I am now 72 and have been in Australia nearly 50 years. I have not amassed a fortune, but have been able to visit all the principal cities of Australia and New Zealand at some time or other and

as some people would say, I have had a good run for my money. There must have been many improvements in the Gardens of recent years and I would dearly love to ramble through them again."

KEW METEOROLOGICAL NOTES, 1937.

	Rainfall in Inches	Temperature (Fahr.)	
		Maximum (in screen)	Minimum (on grass)
1937			
January	3.68	53°	23°
February	3.95	56°	24°
March	2.85	60°	22°
April	2.10	67°	28°
May	2.27	84°	34°
June	1.82	81°	38°
July .. .. .	.77	80°	44°
August	3.01	89°	42°
September	1.81	80°	34°
October	2.39	69°	34°
November	1.42	60°	24°
December	3.61	54°	22°
Total rainfall for 1937	29.68	—	—

Highest rainfall for a single day : 2.28 inches (August 13th).

Highest temperature in screen : 89° (August 7th).

Lowest temperatures on grass : 23° (January 20th), 22° (March 16th and December 19th).

WEDDING BELLS

Mr. George Cross to Miss D. Salt at Niagara Falls, Ontario, Canada, on November 7th, 1936.

Mr. David Tannock to Miss May Timlin at Dunedin, N.Z., November, 1936.

Mr. Robert Dennis Hogg to Miss Beryl Eva K. Iles at St. Peter's Church, Whitton, on August 28th, 1937.

Mr. James H. Glasheen to Miss K. A. Robbin at Carey Baptist Church, Reading, on September 25th, 1937.

Mr. Robert W. Younger to Miss Vera Popple, at St. Anne's Church Kew, on February 5th, 1938.

THE ASSOCIATION OF KEW GARDENERS IN AMERICA.

The twentieth annual Meeting and Dinner of the Old Kewites in America was held in New York City at the Hotel Roosevelt on Saturday, March 19th, 1938 at 7 p.m. The party numbered thirty-two, including members and guests and was the third largest gathering since their inception in 1916.

We were honoured with the company of several distinguished guests who happened to be visiting the United States and favoured us by their presence. Mrs. Constance Spry of London, Dr. Hellmut Späth of Berlin, Germany, Mons. Roger de Vilmorin of Paris, and Mr. Frederick Carter, the Steward of Sulgrave Manor, Oxfordshire, England, Dr. Stewart Gager, Director of the Brooklyn Botanic Gardens, and Mrs. Gager were also present.

After a sumptuous meal Mr. M. Free again presided, conducting in his versatile way the programme of the evening.

The Hon. Secretary's report of the previous meeting was agreeably accepted, followed by appropriate remarks from our guests. Mrs. Spry in an entertaining way told anecdotes at the expense of the English, Scotch and Americans, each adorned with a fund of wit.

Dr. Späth said he was almost entitled to be called an old Kewite having worked at Kew for three months in 1908. His impressions of the New York and Boston Flower Shows were those of a keen observer, criticising in a justifiable way exhibitors' ambitions and judges' awards for monstrous blooms, such as tulips which break off in a strong wind, and carnations whose size is given precedence over beauty and fragrance. He was greatly impressed by the loveliness of the American Dogwoods (*Cornus florida*), as indeed are all visitors from Europe without exception. He has so far been unable to discover the reason for their unsatisfactory and fickle behaviour over the greater part of Europe. Dr. Späth's business is probably the oldest established nursery in Europe, having been founded in the year 1720, just a few years earlier than that of Vilmorin's in Paris. This establishment was represented by Mons. Roger de Vilmorin, who expressed great pleasure at being present. He remarked that most of his time since landing in the U.S.A. had been devoted to gastronomic indulgences, of which their dinner was just another good example.

From the ancestral home of the first President of the United States came Mr. Frederick Carter, Steward of Sulgrave Manor in Oxfordshire. This old manor was purchased by Lawrence Washington, from whom George descended, in 1539. Sulgrave Manor is now endowed with funds subscribed by friends in the United States which enabled the restoration to be commenced in 1920, a year after Mr. Carter, entered upon his duties there. Mr. Carter extended to us all a cordial invitation to visit him if at any time we should be visiting England, and acknowledged his pleasure at being invited to our gathering.

The roll call of old Kewites disclosed the information that the oldest member present left Kew in 1890, namely Richard Barton; the youngest being Howard Swift and Donald P. Watson, not yet away from Kew two years. In an entertaining way Frank Mackaness gave us a few impressions gained as an exchange student as did Donald P. Watson.

After a few humorous remarks by Dr. Gager, with which he is naturally endowed, he turned to the serious side of his talk and said that men who had graduated from Kew should be proud of the fact that they were able to carry its ideals about the whole world and inspire others with the value of its teachings. Other members made brief references before the close of the meeting.

Expressions of sympathy were conveyed to J. H. Watts, who had recently lost his wife. The table decorations were kindly provided by W. J. Ing and a motion to meet again at the same place and time in 1939 terminated a most enjoyable evening.

Those present were Robert Barton, Mr. and Mrs. J. H. Beale, Mr. and Mrs. J. Birkentall, H. L. R. Chapman, Mr. and Mrs. H. E. Downer, J. Ellis (and a guest), M. T. Fossum, Mr. and Mrs. M. Free, W. J. Ing, W. H. Judd, Mr. and Mrs. J. Lambert, F. Mackaness, H. Riebe (and his son), J. Sharps, G. Smith, H. Swift, Mr. and Mrs. A. J. Thornton and D. P. Watson.

TREASURER'S REPORT, MARCH 19th, 1938.

RECEIPTS :—

First National Bank in Boston...	\$20.90	
Dues 	14.00	
Twenty-eight dinners at \$3.50 ...	98.00	
	<hr/>	
	\$132.90	\$132.90

EXPENSES :—

Thirty-two dinners at \$3.50 ...	\$112.00	
Sales tax 	2.24	
Fees 	11.40	
Postage 	1.37	
	<hr/>	
	\$127.01	\$127.01
	<hr/>	
Balance in Bank 		\$5.89

W. H. JUDD
Secretary-Treasurer

THE ASSOCIATION OF NEW ZEALAND KEWITES.

Owing to an outbreak of infantile paralysis the Conference on Horticulture which was arranged for January, 1937, in Christchurch, was postponed for a year and consequently no meeting of Kewites was possible; arrangements have, however, been made for a large gathering in January, 1938.

The following movements of Kewites are to be reported. The introduction of Government legislation providing for a 40 hour working week of five days has advantages to those who participate in organised sport or have hobbies which provide physical and mental uplift. With many, unfortunately, it serves to incapacitate them for their ordinary duties. This is not the case with Dennis H. Leigh, who writes:—"Just been away skiing at Arthur's Pass, left Friday night 9 p.m. and returned mid-night Sunday. A great trip. Am going up to Tekapo for skating next week-end." Our young friend is possessed of a peculiar agility which finds expression in escapades on snow-capped summits, extensive glaciers above perpetual snow-fields, and to his credit may be cited the conquering of New Zealand's most difficult mountains:—Mt. Earnslaw, 9,200 ft.; Mt. Tutoko, 9,042 ft.; Mt. Aspiring, 9,975 ft.

Accompanied by Dennis Leigh, John Lewis (a new arrival) took part in a plant hunting expedition in the Routeburn Valley and Lake Harris district, collecting much valuable material for the formation of a screen garden at Dunedin. Last January and February, Lewis toured South Island on his motor cycle (nicknamed "the flying flea") and made contact with many Kewites.

In the field of plant distribution Messrs. D. Tannock and J. A. McPherson have distinguished themselves by assembling a collection of choice New Zealand native plants for presentation to His Majesty the King by Lord Galway, Governor-General of New Zealand.

Maurice J. Barnett, as Chairman of the Canterbury Horticultural Society, is "the man behind the guns" in organisation for the National Flower Show, to be held in conjunction with the Conference on Horticulture at Christchurch in January, 1938. His son, Teddy, is making rapid progress at the Christchurch Botanic Gardens and will soon, we hope, follow in his father's footsteps at Kew.

In the course of a brief tour in March, 1937, I called in on A. W. C. Anderson at Timaru, and J. G. C. MacKenzie at Hastings, Hawkes Bay. They are both doing very good work and the attractiveness of the gardens under their care reflects great credit on their enthusiasm.

Though I have not met them it has been my privilege to convey "Cheerios" to Messrs. A. G. Kennelly and Frank Jollie on their return to the Dominion.

Correspondence is not a strong point with Kewites, so there are no further news items to relate, but I spent a pleasant two hours with D. Tannock in the Dunedin Botanic Gardens on October 10th last.

It is not generally realised the great distances which separate Kewites in this country and the consequent difficulties in arranging personal contacts.

BRENDON P. MANSFIELD,
Hon. Secretary.

October 26th, 1937.

Invergargill, N.Z.

NOTES FROM THE NORTH.

For some years past one of my unfulfilled New Year resolutions has been that I would write up something of general interest for the *Journal*. It has been said, too, that "the road to hell is paved with good intentions," but as this same route (according to the best authorities) is also a flowery one, it must of necessity be well traversed by the horticultural fraternity.

I think I am correct in stating that for some time past no notes have been sent to the Editor from farther north than Manchester. One gathers from the London press that habitable areas cease a few miles beyond the former city, but since the Newcastle district has been classified as a distressed area (or to be correct a special area), the more daring among the newspapers have devoted a half-page to North-east news. I was amused one day recently by the placard of a prominent daily paper which read "One whole page of north-east news." While resident in the north of England one is constantly receiving sympathetic letters from the south, commiserating with us on the "terrible weather you must be experiencing now." We usually, however, escape the worst storms, as during the early months of 1937 when traffic was often dislocated further south by heavy snow falls, we were more fortunate with mild, almost genial weather, and thus far this winter, our sharpest frost has been 12°. This immunity is I think due to the peculiar geographical position of Newcastle, lying as it does in a corner of the north-east, which is missed by the storm areas, while its proximity to the sea is doubtless another helpful factor. (Since writing these lines we have had one of the worst storms I remember since I came here, so evidently my boast has roused the ire of the weather genii.)

The greatest enemy of the gardener in the north-east is the wind, for to quote the local residents, "The wind's lazy, it gans (goes) through you 'steed (instead) o' gannin roond." Most North-umbrians are as proud of their bad weather reputation as the Aberdonian is of the stories of his meanness. A cutting north-east or south-west wind will do more damage than frost and I have often seen privet with the leaves completely shrivelled after a few hours exposure to these gales. Given shelter from wind there are very few hardy plants which will not succeed with us, and a great many so-called tender plants do extremely well also. In my own garden *Fabiana imbricata* flourishes, while there are many fine plants of

Aralia Sieboldii in various gardens in Newcastle. I also possess some good flowering specimens of *Piptanthus nepalensis*, and some thirty miles north there is a fine conifer, *Fitzroya patagonica*, probably the finest specimen in the whole country. *Azara microphylla* produces plants fully 20 feet in height, and there are many others which could be mentioned both shrubby and herbaceous, but already I can foresee the murmurs of the incredulous, to these I would say, come north and see for yourselves.

I enjoy trying out reputedly half-hardy plants and have derived some amusement from reports in the horticultural press, that such and such a plant is "only hardy in the south and west" or that it should be "planted against a wall," knowing full well of flourishing specimens in Northumberland.

It would doubtless be of much interest if experiments were carried out systematically on the hardiness or otherwise of certain plants. Water loss when frost is accompanied by wind, and the chemical make-up of the plant are factors no doubt, but one of the most interesting explanations I have read is that advanced by Richard Spruce in "Notes of a Botanist on the Amazon and Andes," vol. 2, p. 213, in reference to Andean Gentians, "some of them endure frost nearly every night of their lives, yet so light is the pressure of the air upon them that the frost injures them not; yet they die when frozen in the denser atmosphere of the plains."

To get down to other points of more general interest, is any explanation forthcoming as to why some Kewites of pre-war days are so diffident about making the younger generation who come into their immediate neighbourhood feel at home? I will cite only one instance which came to my notice recently. A youngster had left Kew, and a few days after taking up his new position in entirely strange surroundings, he was introduced to two old Kewites; beyond the formal introduction, they made not the slightest effort to help or advise him in any way. This is not keeping up the Kew spirit of good fellowship and I respectfully suggest to old Kewites that when they see in the *Journal*, or hear of a new man arriving in their neighbourhood, they should get into touch with him and afford all the help possible.

While on the subject of old Kewites, I must mention that fine old man, Mr. George Harris, who in spite of his 89 years, is still working in the nursery and market garden which he founded after leaving Alnwick Castle. He is very proud of the fact that he has always led an active life. I spent an hour or two with him a short while ago and it was delightful to hear him talk about the curators of his day, Mr. John Smith and Mr. George Nicholson, while he told me that the Kew lectures were started by Mr. J. Gilbert Baker, shortly after he left Kew. As he lives only a short distance from me it is a privilege to take visiting Kewites to see him, and his first words usually are "My boy, I reverence Kew." He is as keen and mentally alert as many men half his age, and it comes as a shock to read in the *Journal* that he left Kew in 1874.

Everyone who visits Northumberland should see the Roman Wall or as it is generally termed Hadrian's Wall. It was a long cherished ambition, with its origin in schoolboy days, to see this historic pile, so I took the first opportunity of fulfilling it when I came north. Since then I have visited portions of it many times and its interest still grows. A graphic and interesting account of the Wall can be found in Miss Jessie Mothersole's "Hadrian's Wall."

One of the most fascinating places in Newcastle is the Black Gate Museum and it contains a rare collection of Roman antiquities. The altars to Neptune, with their figures and lettering as sharply cut as the day they were set up nearly 2,000 years ago, are given added interest as the inscriptions are translated.

Shortly after I came north I was privileged to meet Mr. William Bennett, Superintendent of the Marine Parks, South Shields, from which position he has only recently retired. In the parks he grew an amazing collection of hardy plants, such a change from the usual style of park gardening, where the idea so frequently seems to be that of getting as many tender bedding plants as possible, it is even hinted that carpet bedding is coming into its own again. Shades of William Robinson!!

The soil at South Shields had to be made up in the first instance as the sites were originally ballast and town refuse dumps, and it is astonishing what has been accomplished. The Iris collection is a feature and a never-to-be-forgotten sight when in full flower. Crocus are grown in great drifts, bluebells, lily of the valley, and many species of Liliums, and many other interesting and beautiful plants. Certainly no one more fully earned the A.H.R.H.S. which was bestowed on him some time ago, for his whole life has been devoted to horticulture.

Having always been a book lover it was a pleasure to find a kindred spirit in Mr. Bennett, whose collection of gardening books, particularly those with coloured illustrations, have given me many hours of profitable enjoyment and interest. Writing of books reminds me that it was through this source that I was introduced to the works of Richard Jefferies through reading an essay on Herbs, which appeared in "Nature near London." I wonder how many Kewites know of this fine description of the Herbaceous Ground at Kew? I might add that I have now collected most of Jefferies' works, but my favourite is still "Nature near London."

I have been a member of the two local Natural History Societies for some years and they hold many interesting meetings. It is surprising how many friends can be made if one has a love of natural history. I would urge present day Students to take an interest in British Flora, not so much from the collecting itself, but to note habitats, times of flowering, etc. Local floras too are interesting, for Northumberland, the most attractive is Dr. Johnson's "Flora of Berwick-on-Tweed," it is full of folk-lore, etc., and is rather different from the general run of such publications. In connection with lecturing, I would like to record my gratitude to the Kew Mutual Improvement Society, it was, and I hope still is, one of the most

useful of the Kew Institutions and I for one never regretted following our then Chairman's advice to "Get on our hindlegs and say something." I would strongly advise present students to give papers and enter into the discussions, for they will never be able to address an audience under more favourable conditions. It is indeed a valuable asset to be able to stand up and talk on a subject or comment on one.

The only Kew men in the immediate neighbourhood are Mr. G. Harris, whom I have already mentioned, Mr. C. W. Mayhew, Mr. W. Sharp and Mr. L. Buss, the latter was at Kew in my time, and we correspond quite often in addition to regular visits to each other's homes.

The great thing lacking in the North, to my mind, is the absence of local patriotism. Immense fortunes have been made here for many years, but the successful ones have always contrived to live and spend their money elsewhere. The craze for sport is very evident too, and many believe that the parks exist solely for games.

In conclusion, I hope that any Kewite who happens to be in the neighbourhood at any time will look me up, when we can discuss the merits and shortcomings of Kew, and Kewites past and present.

J. W. WATSON,
Newcastle-on-Tyne, 1938.

TIERRA DEL FUEGO.

When Magellan, during his first voyage in 1520 through the Straits that bear his name, perceived the fires of the Yaghan Indians burning brightly off his port bow, he named the Island which terminates in the notorious Cape Horn, "Tierra del Fuego" (the land of fire).

Numerous other theories have been put forward as to the origin of the name, one is that settlers and natives alike, have to maintain constant fires throughout the long, dreary winter months, to preserve life; another arises from the fact that throughout the island are numerous inland fresh and salt water lakes. In the chilly air constant mists rise from their surface and give the impression of smouldering fires. Some wits say it is derived from the fact that it is the nearest approach to the home of the Devil that is to be found throughout the Seven Seas.

The island covers an area equal to that of Scotland and lies at the extreme end of the South American continent. It has for a backbone a continuation of the Andes, which are said to run out at Cape Horn and appear again towards the South Pole. These mountains lie towards the west and are capped with eternal snow. Westward from these the coast is very much broken up and thousands of rocky islands arise. These are peopled only by a few of the surviving Indians who have been driven out of their old hunting grounds by the march of civilisation.

Occasionally one is given the opportunity of a trip through the many natural canals and waterways that abound to the west (*i.e.*, on the Pacific side). On such excursions one finds a land, desolate, but marvellously beautiful. Barren rocks, smooth from the constant beatings of storms; morasses and peaty bogs; stunted and twisted trees whose very shapes testify to the force and direction of the prevailing winds; uninviting thickets interlaced with parasitic plants, lichens, etc., and ferns; mountains covered with perpetual icefields from which vast glaciers flow down to the sea.

Beagle Canal is the most striking of the many waterways which, in that remote part of the world, make the grandeur of nature so commonplace. It is a fitting monument to the men of the good ship "Beagle" who made the first scientific survey of Tierra del Fuego. It was discovered by Captain Fitzroy. Charles Darwin, who was with the ship on one of her later voyages, compares it with the valley of Loch Ness in Scotland. It runs right across the bottom of the island with scarcely a break or deviation for over a hundred miles and is about two miles in width. On its northern shore rises the Darwin Range, whence dozens of glaciers grind their way down the valleys into the Canal.

Opposite the Argentine town of Usuaia, a channel runs southward and into Ponsonby Sound. (Usuaia, by the way, rightly claims to be the most southerly town in the world, and appropriately enough is a Government penal settlement.) In that direction too lies Cape

Horn, but the locality has a special interest of its own. It was one of the haunts of the Yaghan Indians, particularly of Jemmy Button and his tribe.

Jemmy is the most famous individual who has ever lived in the "Land of Fire." He was a canoe Indian and when a boy, was purchased for a few trifling oddments, including a pearl button, by Captain Fitzroy of the "Beagle" during a voyage in 1826-30. The good captain took him and several other Yaghans to England where they were to be instructed in religion and generally civilised. In 1833 the "Beagle" with Charles Darwin on board brought Jemmy and two others (Fuezia Basket and York Minster) back to their native land. They were landed in a little cove in Ponsonby Sound called "Wulaia" and their tribe gathered round in their canoes to see what civilisation had done for them. From the family hearths, kept smouldering in every canoe, fires of welcome were lighted along the shores. A missionary named Matthews was also put ashore. A week later the "Beagle" returned, and it was obvious that it would be wise to take Matthews away. Jemmy and the others had not brought sufficient civilisation to go round. The tribe insisted on taking all they could lay their hands on, everything Matthews possessed and doubtless but for timely intervention, would have finally taken his life.

Jemmy soon shed his clothes. A year later Darwin returned to Wulaia. "Soon," he writes, "a canoe with a little flag flying was seen approaching, with one of the men in it washing paint off his face. The poor man was Jemmy, now a thin, haggard savage, with long, disordered hair and naked except for a blanket at his waist. We did not recognise him till he was close to us; for he was ashamed of himself, and turned his back to the ship. We had left him plump, clean, and well dressed—I never saw so complete and grievous a change."

Nowadays should one visit these lonely shores one would find that the Yaghans no longer light their signal fires along the channels, nor paddle their canoes along their shores in search of mussels. A few linger between savagery and civilisation, but the race has all but vanished. Since Captain Fitzroy first passed this way many missionaries have paid the price of trying to civilise a race of people who in their heyday must have roamed these shores happy and contented, spending their lives in the everlasting search for mussels—their staple food, which they ate as they collected them, raw. Occasionally a whale was washed up and at such times there must have been much feasting. There are stories in which Indians have been known to take up residence inside a stranded whale, staying there until the carcase collapsed from putrefaction, or in the cold season until they had in reality "eaten themselves out of house and home." Having lived at least two miles away from one of these stranded animals myself, it is hard to believe that human beings or even animals could live in such close proximity to a decaying whale and at the same time enjoy a meal from it. On this occasion, however, we solved what might have been an unpleasant problem by

towing the carcase out to the sea at low tide by means of a tractor, with the result that the rising tide then carried it farther along the coast later.

Before leaving the west and south coast of the island and the Indians, it might be of interest to give the last census figures of the survivors of this tragic race. During 1934 the total number was only 73, and each year the deaths exceed the births. They live miserably, laws and regulations prevent them from being savages and they do not seem to have the inclination or the capacity to take up the life of a superior race. It is freely stated that the disappearance of the Yaghan Indian is due to missionaries who made these poor children of Nature wear clothing. Misguided religious zeal may have been another contributory factor coupled with the attempt to force civilisation on them. Charles Darwin himself testified that in his day they led a happy, care-free existence, and this was scarcely a century ago! It is reasonable to conclude, however, that the missionaries did much to change the Yaghans from their savagery to better ways, and many shipwrecked sailors have been grateful to the Indians for kindnesses which could have only been imbued in them by the teaching of the Missions. It would be nearer the truth if one laid the blame on their decline to the unscrupulous traders who deprived them of their hunting grounds and introduced them to the many vices of civilisation.

Along its eastern shores, Tierra del Fuego has developed into one of the largest wool and mutton producing districts in the world. Large estancias have been built and thousands are engaged in tending the several million head of sheep since their introduction from the Falkland Islands in 1890. The population is probably the most cosmopolitan in the world. One encounters the lazy Argentine, with his dour complexion; the cheery Chilean complete with his wine bottle; the romantic Spaniard with his false patriotism and loose living; the close-cropped German, with an unquenchable thirst for lager, but always a true patriot; the hairy Russian with his heart in his country but his eye to his freedom. Then we find also the big boney Austrians and Slavs, who hang together and say little; the swarthy Italian with his love for "ajos" (Garlic) and who for this reason alone is a misery to work with; the fair-haired Scotsman with the heather in his brogue and the turf in his hair; the sweet singing Irishman with his love of a peat fire and a good argument, and the roaming Englishman, who, when he settles down, has the capacity for holding down the cream of the jobs, and with his fellow Britishers, has developed this wild country into a well organised and prosperous land.

The Casa Grandes, the homes of the administrators of these extensive farms, are the only bright spots in what appear to be limitless pampas. Good gardening is a big undertaking as the prevailing winds which commence with the break-up in early spring, persist right through the summer season and end with the arrival of snow, which heralds the commencement of winter. Large windbreaks have to be constructed to break the force of the gales; these are

generally composed of sawn timber. The supporting posts are buried six feet in the ground with anything from fifteen to twenty feet above. For the first ten feet, the screens are closely boarded, while above spaces are allowed between the boards to reduce the surface exposed to the wind. Our pleasure grounds consisted of some four acres, bounded on three sides by these timbered screens. The north side is left open. In the kitchen garden the whole area is enclosed by windbreaks. All seeds are imported from England in hermetically sealed tins, and are received in perfect condition after their two months journey through the Tropics. Seed which is obtained in Buenos Aires and other South American cities is usually of very poor quality, due no doubt to exposure to tropical conditions which rob them of their vitality.

All gardening was carried out on English lines with plants and flowers such as would be seen in any English garden. During the shearing season the vegetable garden was called upon to provide for some three hundred employees. As this was during December and January, early vegetables had to be started under glass and planted out when the "break-up" occurred in early October. The soil being subject to severe frosts was broken down and was exceedingly light. Drought caused much damage until artificial irrigation was brought into being. The average rainfall during the four years I spent there was 19.75 inches. The winter months proved the testing time and were a trial to one's patience. When autumn came all shrubs and herbaceous plants had to be adequately protected from the severe weather. Towards the end of May work outside became quite impossible and was restricted to the conservatory. Frosts were continuous, day and night, throughout June, July, August and into September. The most severe drop in temperature that I experienced was a mid-day reading of 20° C. below zero (or equivalent to 36 degrees of frost Fahrenheit) which dropped to 22.5° C. below zero (40.5 degrees of frost Fahr.) during the evening. During one winter when little snow fell, the ground was frozen to a depth of three feet.

And now a final word in reference to Cape Horn, which like the Devil takes pride in its bad reputation. For this remote corner of the globe the elements have reserved their climaxes and Cape Horn has taken a heavy toll of human lives and will always remain a silent monument to those who, from Drake onwards, have sailed in its uncertain seas.

R. W. YOUNGER.

1938.

THE MOSELLE WINE "BERGS."

The traveller who journeys by motor car along the banks of the River Moselle is bound to be impressed by the "bergs," as they are known, which rise in their beauty on either side. The Moselle, like all rivers which flow between mountains, flows slowly during the drier months of summer and autumn, but during the winter and spring the heavier rainfall increases its flow very considerably. These "bergs," which rise steeply on either bank, often have a gradient of 1 in 6 to 1 in 2, and are climbed only by way of winding paths. They vary in height from 500 to 1,500 feet, and being steep are naturally well drained and ideally suited for viticulture. The River Moselle which drains them runs for about 106 miles, starting just over the border of Luxembourg, where the River Saar empties itself into it and flows down, through some of the loveliest scenery in Germany, outside Bavaria. The flow of the river is from roughly west to east, rising actually in France, but only that which flows on past the Luxembourg border and eventually joins the River Rhine at Coblenz is of importance. The upper Rhine, Moselle and Saar basins are the wine districts of Germany, in which wines are produced that bear the names of the respective rivers, but I am only now concerned with the Moselle "bergs" (or mountains), as I recently had the opportunity to visit their neighbourhood.

The "bergs" are composed of red sandstone or alternatively a kind of slate and it is upon the steep slopes which face more or less due south, that we find the many vineyards. Each district in the Moselle valley has its own particular wine and these take the name of the particular mountain slope on which the vines are grown. As a consequence the quality varies too, and is shown by the wide range in price of the finished product. Prices vary from 80 pfennigs per litre to 20 marks per litre; the latter price is that at which the wine from the famous "Dr. Berg" at Bernkastle is sold. Bernkastle is the finest wine growing district on the Moselle, running it very close is Piesporter, both of which are practically in the centre of the river area. The view of the "Dr. Berg" and the other bergs from the ruins of the castle at Bernkastle is a very beautiful sight, as the Castle berg itself rises to over 1,000 feet and one is able to look across the valley at the other vineyards which stretch far away into the distance.

The vineyards are very orderly as the vines run in straight lines about $2\frac{1}{2}$ feet apart and about 2 feet between each plant. The vines are grown up pine poles, which have previously been barked and treated with preservative up to about 2 feet above the ground level. The vines (*Vitis vinifera*) are kept up to a very high standard and to maintain this, new areas are planted each year with selected young plants, to replace old ones which are removed immediately they show traces of deterioration. Plants are of course replaced immediately they cease to produce first quality fruits. The age of the plants varies according to their situation, many in good areas attaining a fair age. All are vigorously pruned hard back each year, almost to

ground level, and the new shoots are allowed to attain a length of between 6 to 8 feet; all laterals are carefully kept in check so that the vines are not overburdened with growth. This entails much hard work and it is carried out very faithfully by the peasants. This work has been handed down through many generations, for both men and women are employed in the vineyards, and it is no mean boast to say that the women work equally as hard as the men from early morning to late evening the whole week through. Having thus passed from father to son for generations methods are practised, but why the workers cannot say, except "because their fathers did likewise."

To say the work is arduous is no exaggeration for tasks have to be performed upon steep slopes during the heat of the day with little or no shelter or shade and as one who has experienced the full sun heat, it can be really hot, with rocks taking up the heat and to a "freshman" rendering it still more unpleasant. The men and women, however, toil on seemingly quite oblivious to discomfort; I can quite honestly say that I was glad to go down into the valley, to the cool comfort of the inn, being footsore from the burning heat of the rocks.

The "Bergs" in their natural state are covered with pines, oaks or beeches. When a new vineyard is contemplated, these are cleared and gradually removed and the slopes are completely cleared of all vegetation. The steep slopes make it impossible for any quantity of soil to be retained and so, in places, all the soil is cleared away and retaining walls are built with the local rocks, thus producing terraced slopes. Soil is brought up from the valley below, and all of this has to be carried up on the backs of the workers; it can be imagined what this means on a gradient of say 1 in 3, for the amount of soil carried at one time is not great. Slate and shale are mixed into the soil in fairly large proportions so as to keep the soil open and also to conserve the sun heat. Cow manure is also incorporated in large quantities and is also extensively used as a top dressing or mulch, after the vines are planted. No space is wasted and small areas holding only perhaps six plants can be seen. The soil is very open and absorbs moisture very readily. During the summer the rainfall is not heavy but Nature provides for this as there are heavy night dews and the vines flourish and grow rapidly.

It is a very pleasant sight to see the southern slope of a "berg" rising to 800 feet, planted with rows of vines from road level in the valley right to the summit. The rows are as straight as a ploughman's furrow. Every plant has its own stake, and though one would imagine in the dormant seasons a forest of bleached stakes, this is far from being the case as they blend with the other predominant colours of the landscape.

The rocks, as I have said before, are reddish, while the soil is of similar colour, this blends admirably with the rich greens of the vineyards, while the river below gives added charm to the scenery, especially towards evening when the mists begin to rise. The tints of the trees growing on the undeveloped slopes of the "bergs"

produce a fine array of colour, and is a sight which, when reflected in the waters of the Moselle, is not easily forgotten.

The young vines are treated with copper sulphate solution to ward off vine mildew and other pests, but no spraying is done once the fruits are formed. When the fruit is set, they swell very rapidly and are fully ripe about the end of September or in early October, according to the district. When ripe, the fruit is green, for Moselle wine is a white wine. No special care seems to be taken in picking the crop, which is gathered in baskets and carried down to the storage barns in the valley below. The fruits are put into presses and the juice stored in vats. As to the various processes, I am afraid I know very little. I know only the potent final product which will very easily make one forget the cares of the day and inflict a thick head the morning after.

When the harvest is gathered in and the pressing of the fruits completed, a week of festivity follows. In every village, the workers really do enjoy themselves; drinking, dancing and singing continues until the early hours of morning throughout the week, work being almost entirely suspended.

Exactly how much wine is produced in this district I cannot say, but the yield must be enormous, for the local wine is drunk in the same way as beer is in England, and large quantities are exported all over Europe.

When the harvest festivities are over, all return to the vineyards to prepare for the following season. New soil is brought up from the valleys to replenish old and impoverished soil and cow manure is dug in in large quantities so that the ground is well prepared before the winter rains set in.

The vines are pruned hard back and the prunings are carefully collected and burnt and the ash scattered on the "yards." The stakes are well scrubbed by the women, with a strong insecticide, as cleanliness is very essential. Lack of care in one vineyard may result in serious loss from disease and spread very rapidly throughout the district and such a disaster would mean a heavy financial loss to the producers.

The weather conditions in the Moselle valley are marked by hot, sunny days during the summer and autumn, with cold, though not excessively cold winters. The rainfall is heavy at times, and the hot summer days are followed by heavy night dews, and the plants are never in need of water. Artificial fertilisers are very seldom made use of and preference is always given to stable or farmyard manures, perhaps because artificials are expensive and far from plentiful, and naturally the grower has to count the cost, and make use of the cheapest and most plentiful source of supply.

Working conditions for the peasants are very hard and tedious, with long hours and low rates of pay, but in spite of this they are a very happy and contented lot, money does not seem to worry them. They work leisurely but accomplish a great deal in the course of a day's toil.

There remains little more to say of this delightfully interesting district, but should my readers ever have the opportunity to visit the Moselle valley they should be well repaid in the wonderful scenery that abounds.

G. T. F. WYNDHAM.

1938.

THE HAMBURG BOTANIC GARDENS.

The Hamburg Botanic Gardens were founded about the year 1832 and were formerly the gardens of a summer residence of the Duke of Ohlendorff. They are situated on the banks of a portion of the old moat, which used to surround the city and of which a large part still remains. There are in fact so many waterways in Hamburg, that the city is styled the Venice of the North and it is possible to travel practically all over the city and parts of the suburbs by this means. The Gardens are situated in the district known as Neustadt (the new town) and are on the north of the city and near the great Dammtor station, where all the notable personages arrive, as there is a large area where spectacular military parades can be arranged.

The Gardens run out east to west and are five-sided, and considerably longer than wide. At the western end, in the Jungiusstrasse and adjoining the gardens is the Botanic Institute and Museum. Botanical research is carried out here by students of both sexes under the supervision of numerous professors. Except for one small greenhouse in which germination experiments are conducted, the students do not work in the gardens. From the Institute towards the Dammtor station the Gardens are situated, but they are not in the same flourishing condition as they were formerly, as a new site is in course of preparation at Blankenese, a small town on the River Elbe, some 10 miles outside the city. As a result of this projected move, the present gardens are not kept solely as a botanic institution.

The collection of trees is a fairly extensive one, especially when bearing in mind the extreme coldness of the winters here, but many fine plants are suffering from lack of skilful attention. A great drawback to the gardens is the old moat. This was originally constructed as a defensive work and the water is very deep and cannot be utilised much for decorative means; only the shallow edges are planted with *Nymphaeas*, *Nuphars* and various mud loving grasses. The banks are very steep, varying from ten to over sixty feet in height, and it is not easy to make much of a decorative show. Native trees have been planted and little else attempted, though paths in terrace fashion have been made, providing shaded cool walks. This, however, has its disadvantages for the steepness causes the soil to slip during heavy rains.

The collection of trees and shrubs represents various localities such as North America, China and Japan, India, the Mediterranean Region, etc., and in these groups only plants endemic to that area are grown. With the exception of possibly North American and a few European and Asiatic groups, all plants are grown in pots or tubs and are left in the open only during the warm months and during the winter are kept in the greenhouses. As a result of this, the early spring brings with it an arduous time, transporting the plants to their outside situations. Everything has to be man handled, and it often takes 10 to 12 men to move some of the largest subjects.

The smaller specimens are transported on trolleys, along paths often rendered very soft by the heavy rains. In October the plants are returned to the protection of the houses, but plunging is no longer necessary as during the spring move. During the winter, the houses in which the collections of temperate plants are placed appear almost as impenetrable jungles, as the plants are absolutely "pot thick." The actual clearance takes about two weeks and all available labour is assembled for the move.

The Pinetum is small, for conifers do very badly here, always looking ragged and never a healthy green. *Larix europaea* and *L. americana* appear to thrive for a time, but never do really well. *Picea Engelmanni*, *Pinus Banksiana*, *Pseudotsuga taxifolia*, *Thuja gigantea*, *T. occidentalis* and *Librocedrus decurrens*, are among the larger specimens and recently many young plants of *Thuja caroliniana* and other species have been planted. Fogs are very prevalent around Hamburg during the early winter, followed by frost, snow and intensely cold winds. In consequence many choice shrubs are wrapped in straw and archangel matting and heavy layers of leaves are put over many low growing plants to protect them from the severe weather. Spruce branches are used extensively for protecting the rock garden, which area is almost roofed in with them. Choice shrubs and rhododendrons are protected in the same way, so that during winter little else can be seen outside except heaps of leaves and piles of spruce branches. Winter certainly has its problems that we in England are not called upon to face.

The chief purpose of shrubs is to fill the gaps along the banks of the old moat and to cover odd and otherwise drab corners, and those generally employed include *Ribes spp.*, *Deutzia spp.*, *Hydrangea spp.*, *Hamamelis spp.*, *Stephanandra flexuosa*, *Eleagnus longipes*, *Weigelia florida* and others. In more prominent positions we find showy shrubs such as *Rosa spp.*, Rhododendrons in variety, and *Syringa spp.*, which are used to good effect. The Rose garden usually gives a fair display and is situated at the western end of the grounds, where there are displays of bedding plants in season, together with a late summer display of Dahlias. Here too, are the systematic order beds, the majority of the plants being raised annually from seed sown in the pits. Seed collecting is a very important job and one and all concentrate on this when the day's duties in the houses are finished during the late summer. The systematic garden is usually full of colour and reminds one of an English cottage garden, especially as a thatched cottage (part of the original estate) still stands, thus one can be forgiven in letting thoughts stray back to the Homeland.

Adjacent to the systematic order beds is the kitchen garden where all kinds of vegetables and fruits are grown with the idea of educating the smallholder. Practically the whole population reside in large blocks of flats and their smallholdings are situated in the surrounding countryside and on the Island of Wilhelmsburg, an island about 6 miles across, very flat and fertile, in the River Elbe. These smallholdings compare with the allotments in England.

On the north-eastern side is the medicinal garden, laid out in the old formal style and all the herbs used in medicine are grown here. Westward of this area and crossing through the kitchen garden, the Alpine Garden and Rockery is reached. Exactly what was intended by the Rockery no one seems certain about, for it is composed of very large rocks, laid in no definite order but for all the world like a huge dump, on the banks of the moat. This had been planted up with various plants that have grown into one another so that it is difficult to recognise individuals. The Alpine Garden is above this and is well stocked with plants from various districts. There is a good collection of Gentians, Saxifrages, Primulas, Drabas, Iris and many other flowering plants too numerous to mention here. The lay-out in the Alpine Garden is more or less natural, having crags and gullies, moraines, hollows and slopes, with very few trees in evidence, unless they are very dwarf specimens.

Along the bank of the moat and in a westerly direction the botanic gardens themselves are reached. Plants are grown especially for students of botany and is frequented by them complete with notebook, pencil and a lens. Dissections are often carried out on the spot. An extensive collection of ferns is included in this part of the grounds. These do very well and make a fine show, especially during the warmer months of the year. At this time too, the Gardens looks extremely showy, but during the severe winter they look very desolate. The lawns do not form the close turf we are used to seeing in England.

The total area covered by the Gardens is about 70 acres, expenses have to be kept well within the limits of the annual grant. The staff consists of 10 Gardeners, 30 to 50 labourers according to the season and a works department of some 8 men who do all the necessary repairs, carpentry, painting, etc. The Gardens were formerly the headquarters of the brothers Reichenbach, one of whom was director here. Most of their orchid studies were carried out in the Gardens. The present director is Herr Prof. Winckler, and his main researches are in connection with *Solanaceae*. His work has been very extensive and thorough and there is one greenhouse devoted entirely to hybrids, graft and the result of crossing, montrose forms, various seedlings and new species. He is also studying Mendelism in reference to them. Experiments with artificial sunlight are also in progress with often interesting results.

The glasshouses, of which there are about 30, are situated more or less in the same area. They include Palm Houses, Succulents and Cacti, Temperate Fernery, Begonias, Tropical Fernery, Aroids, Insectivorous, Livermoss, Mangrove, Economics, Orchids (5 houses), Victoria Regia, Aquatics, etc., as well as smaller propagating houses. The houses, with the exception of the Victoria Regia house, are not open to the general public, this is due to clauses in the regulations which allow for the admission of those only who have obtained special permits. The chief collections are of Orchids and Bromeliads, both of which are unquestionably the finest in North Germany. The Orchid houses

consist of Tropical, Temperate, Cattleya, Dendrobium and houses for the smaller genera. In the Orchid collections there are fine specimens of *Aerides*, *Vanda spp.*, and *Phalaenopsis*, *P. stuartiana*, *P. venusta*, *P. esmeralda*, *P. amabilis*, and many hybrids raised in the Gardens. Paphiopedalums and Phragmopedalums are well represented. The collection of Angraecums is moderate, but there are several specimen plants of *A. sesquipedale* which make a striking display. The terrestrial orchid, *Habenaria procera*, does very well and is much admired, as are the Cymbidiums, though large plants are lacking. There are a few Epidendrums, but almost each week sees new presentations to the collections. The donors are mainly captains of ships, for these men take pride in securing plants for the Gardens. Cattleyas are well shown and many fine species are included in this display. Laelias, Laelia-Cattleyas, Brassocattleyas, Cynorchis and Catasetums are freely sent in, but the smaller orchids, such as Masdevallias and Stelis, are very rarely received, which is somewhat surprising when remembering that their habitats are in the Central American region, that most frequented by the shipping lines. Dendrobiums as would be expected are very poorly represented. There are many genera, but space does not permit their being detailed at length here.

The Ferneries are very well laid out with many fine specimens in spite of the somewhat crowded state of the plants.

The Palm Houses are filled with a mixed collection, but palms generally do not do well. Possibly the cold of the winter with its sea fogs may have something to do with this: it is often difficult to maintain the proper temperature during the winter blizzards. Begonias are well represented, especially the Rex and Lorraine types.

The Insectivorous house has the usual collection. Droseras do exceedingly well, while Sarracenias and Darlingtonias thrive in the open, plunged in tan beds during the summer they make very fine plants by the time the autumn comes, bringing with it their move into the shelter of the houses for the winter. In the Pavilion there is a collection of Crotons and large Aroids.

The Mangroven House is given over to such plants as *Nipa fruticans*, *Rhizophora mucronata*, *Cyperus altifolius*, *Acanthus ilicifolius* and other swamp-loving plants. On the surface of the shallow water are *Limnobium bogatense*, *Salvinia natans*, *S. auriculata*, *Eichornia crassipes*, etc., all are growing together and make a very fine and interesting house. Above these, suspended from the roof, are Nepenthes, which thrive and produce fine pitchers. These plants are without doubt the best I have seen, and all are young, for each year new plants are propagated and plants of about two years old are replaced by young ones. This succession of young plants certainly repays by the display of pitchers. Along the side of the house are glass aquariums which contain aquatic plants and tropical fish.

The smaller Palm House contains Bromeliads, and Tillandsias. The Tillandsia collection is very large and they are grown on branches above the Bromeliads.

The Livermoss House is given over to a large collection on which much research has been undertaken. They are very interesting, but are a source of great trouble for the spores are carried about and as a consequence the specimens get too readily mixed up.

The Cool Houses are mostly empty in summer for it is in these that the various collections are housed for the winter, such as Pittosporums, Acacias and Eucalyptus. On the stages are the Ericas, these do well and flower freely.

The large Cool house has such plants as *Cordyline australis*, *C. indivisa*, *Ilex quercifolia*, *Quercus suber*, *Metrosideros* spp., *Juniperus bermudiana*, and half-hardy varieties of Rhododendrons. All these plants thrive outside during the summer but are taken inside as autumn approaches.

The growing houses are filled with young plants either to re-stock the houses or for bedding purposes during the summer months. The bedding season is very short, only of about 3 months duration.

Our Garden Inspector, Herr Victor Buckholz, was an old Kewite, but to our general regret he died after I had been here about two months (see p. 789).

The weather conditions throughout the year may be summarised as follows:—

January and February. Very cold, with snow and frost, with temperatures 20° below freezing point.

March and April. Warmer, with slight frosts and plenty of heavy rain.

May to August. Very warm and hot, with often heavy rains.

September. Warm days, but nights beginning to take on a chilly autumn air.

October. Fair but colder.

November and December. Cold with frost, fog and blizzards.

From these brief notes it will be seen that we get very mixed weather with extremes. This is said to be due to the North Sea and the wind currents therefrom.

Hamburg itself is well situated on the banks of the River Elbe and has many fine Parks and open spaces, whilst the surrounding countryside is very open and very flat. The earth is black, very fine and sandy, but also very rich. Plants thrive and grow rapidly, but the lightness of the soil causes it to dry out quickly and daily watering is often necessary to keep the plants going.

To turn for a moment to the German gardeners, I find them very industrious, though at first I found it a little difficult to adapt myself to their methods, but I am now thoroughly happy. The German at home is one of the kindest of men who is only too willing to go out of his way to help a "Tommy" (the name by which we English are generally known) and I can certainly look back on many happy hours and have no regrets at leaving England for my stay here. Language offered a few difficulties as the staff here is a mixed one, Bavarians, Hanoverians, etc., so that there are local dialects to be overcome as

well as the Hamburg dialect (Hamburger Plattdeutsch), which is almost one third English and has no doubt been adapted from the early days when many English vessels visited the extensive harbour. My sincere thanks are due to Sir Arthur Hill for having given me this opportunity of adding to my experience by this exchange, and to Herr. Dr. Winkler, the Director of the Hamburg Botanic Garden, who has shown me every consideration and accorded me many privileges, as well as to all those members of the staff with whom I have been associated.

G. T. F. WYNDHAM.

Hamburg, 1938.

A CITY'S SANCTUARY FOR WILD NATURE

There lies between the South End and the Central Hill Districts of Port Elizabeth, between the boundary of the municipality of Walmer and St. George's Park Lands, a valley known as the Baakens River Valley, stretching from the east at a point near the Tramway Company Bus sheds to a point below the causeway on the Target Kloof Road leading to Walmer. Within this area there are 211 acres of wooded slopes, lofty krantzies, grassy meadows and river pools and beds. This area has been set aside for all time as a nature reserve by the joint municipalities of Port Elizabeth and Walmer, the former setting aside 157 acres and the latter 64 acres, making a total of 211 acres. Within this area an attempt is being made to move back 150 years, to re-establish wild life as it existed before civilised man appeared.

A nature reserve is an undeveloped area set aside so that nature may take its course. In other words an area where the fauna and flora may develop unaided and not interfered with by man, so that unspoilt natural beauty may be preserved for the coming generation to see and understand what wild life really is.

It naturally follows that such an area should be set aside before it has become spoilt by man but in this respect the present effort was made a little late. Through unrestricted grazing and the cutting of firewood, the area had become denuded of much of its flora and through unrestricted hunting, shooting and poaching all the larger forms of animal life have long since disappeared. A very serious attempt, however, is being made to re-establish the wild plants that should have grown there, the heaths, ground orchids, lilies, keurboom and yellowwoods. In regard to the putting back of animals, it would make an ideal home for the species of wild buck found in the Eastern Province, the duiker, koodoo, stembok, bluebok and oribi. In regard to bird life what better haunt could be found for the green loerie, the blue crane, the crested crane, reedhen, moorhen, rivercoot, partridge, quail, woodpecker, hooppoe, hammerkop, kingfishers, red and yellow bishops, sunbirds, etc.?

From a scientific aspect the establishment of a reserve preserves living plant and animal life which would otherwise rapidly become extinct. From an artistic point of view a reserve will maintain the natural scenic beauty which cannot be replaced when once broken down by urban life. In a utilitarian sense, a nature reserve presents to the visitor a place where the much advertised floral beauties of the Cape may be seen within comfortable distance of boat, rail or road. It is from this third aspect that this article is specially written.

The average overseas visitor has most probably been lured to sunny South Africa for a holiday tour by glowing accounts in the press of the wild life of the country. Wild life certainly abounds in South Africa—if one has time to look for it. Lucky is the traveller if he arrives in Cape Town in August, September or October, for he will

certainly see a wealth of wild flowers almost everywhere. But what of the other months of the year? Unless he searches diligently he will be disappointed. Now the average visitor expects to find a show or a wealth of beauty wherever he goes—wild life in all its aspects at all seasons of the year without searching for it. Will he find it? He certainly will not unless special reserves are laid aside to provide it. Civilisation, or perhaps man's depredations would be a better term, is advancing too rapidly to allow of easily accessible natural beauty spots.

In Baakens River Nature Reserve we have 211 acres of unspoilt natural scenery within a distance of one mile, or about 10 minutes by motor car from the harbour landing place. It is the ambition of municipalities concerned to have growing there all the beauties of the wild life of the Eastern Province so that the tourist from overseas may come ashore to see the sights and the visitor from up-country can observe within easy access all the glories of local wild life. Visiting tourists are multiplying by their thousands monthly. These now step ashore into the waiting motor car, eager to spend a day or half-a-day touring the city. There is no longer the fear and expense of the launch trip ashore and the possibilities of an oncoming storm to prevent them regaining their ship in time for the appointed sailing home. We therefore experience 100% of the ship's companies. What have we to offer them? The Snake Park—the best known attraction in South Africa, Fort Frederick, the first building to be erected in the Eastern Province, Humewood for bathing and beautiful valleys, several excellent parks, factories, and several drives, but above all a nature park.

Entering from the eastern end one touches the river a few hundred yards above tidal influence and here several large pools are well filled with the beautiful Cape Blue Nymphaea or Water Lily (*N. stellata*), to the left is a high krantz well clothed in Aloes, *A. africana*, *A. supralaevis* and *A. striata*. The last named, the Coral Aloe, represented by a few survivors on a steep rockface. To the right is a sunny grass slope, recently re-established in *Watsonias* and *Cyrtanthus*.

Adjoining this is a fine slope covered in indigenous bush where a few epiphytical orchids are to be seen. Then come two small koppies, veritable ready-made rock gardens. Here many local succulents have been planted also masses of the glorious *Cyrtanthus obliquus*, *Veltheimia viridiflora* and *Antholyza species*.

In the river bed hereabouts several hundreds of *Thunbergias* have been planted in the damp ground; who knows but these may grow into the giants one is accustomed to see in the Knysna forests even if it should take 500 years to accomplish such growth! Other trees recently planted are Keuboom, Candebos, Stinkwood, Kaffir Boom, Kaffir Plum, Essenhout, Klapperbosch, Cape Chestnut and Cape Willow.

In the centre of the reserve on a commanding site overlooking the river several local species of *Protea* and Sugar Bush (*Leucospermum*) have been established with a considerable amount of difficulty. It is

well known that Proteaceous plants are extremely difficult to transplant. In this case seed was collected locally and planted in bamboo joints. When some two inches high the plants with the bamboo pots undisturbed were planted on the site selected. The young plant quickly roots through into the surrounding soil and bamboo ultimately rots away. During the year 1935 no less than 23,000 local plants were planted in the reserve consisting of bulbous plants such as *Cyrtanthus*, *Watsonians*, *Antholyzas* and *Babianas* (*Crocus*) and succulent plants—*Gasterias*, *Aloes*, *Crassulas* and *Haworthias*. Everyone of these were collected within the town boundaries and would have grown naturally within the reserve until picked or grazed out of existence.

Towards the western end, the beauty of the wild krantzes, the river pools and forest growth would take a better pen than the writer's to adequately describe. Many of our local citizens are familiar with Lovers' Rock (they have missed much if they were not acquainted with this delectable spot in their early days). To sit here at sunset (some say by moonlight) is a wonderful experience looking away over to the Witteklip and Cockscomb Mountains. A finer site within the city would be hard to find.

Below "Lovers' Rock," a sheer drop of some 200 feet, are the most delightful picnic spots imaginable. To sit here by the stream on a quiet day one may easily imagine oneself to be many miles from a town and far from the maddening crowd. One of the chief drawbacks to this spot is that it is too near the town and too accessible; folks have become accustomed to go miles in the car to look for such a place of natural beauty. The spots at their very doorsteps are neglected so to speak.

The Union and Provincial Governments are now taking an active interest in the grand work of establishing nature reserves. To mention a few specially set aside for the preservation of animals—Kruger National Park—Kalahari for Gemsbok—Bredasdorp for Bontebok—Cradock for Mountain Zebra—Addo for Elephants—Table Mountain for general fauna and flora.

The Government through the Department of Forestry have created vast nature reserves as all forest land and unplanted crown lands coming under the jurisdiction of this department have been declared as nature reserves. The protection of animal and plant life is strictly enforced in these areas and thus many rare species have been given a new lease of existence.

Many municipalities and public bodies have set aside smaller areas as nature reserves. To mention a few:—Bethlehem, O.F.S., 100 morgen—Caledon, 200 morgen, rich in Cape heaths—Cape Town, several areas—Ceres—Clanwilliam—Darling—East London—Fransch Hoek—Graaff-Reinet—Grahamstown—Malmesbury—Montagu—Paarl—Queenstown—Swellendam—Tulbagh—Wellington—Worcester—and now Port Elizabeth.

It is a well known fact that many wild species of animals and plants are localised in small areas and are never found outside these

in a wild condition. To destroy these areas therefore through urban or agricultural development means that these localised species will disappear never to return. To quote a classic example, the Silver Leaf Tree. This plant was only found in a small area adjoining the Kirstenbosch Botanical Gardens and Hout Bya Nek. These are the only habitats throughout the world. Had this area not been protected this beautiful tree would have disappeared completely. By the formation of the reserve this botanical calamity has been avoided.

There is no parallel example in the district of Port Elizabeth to that of the Silver Tree on Table Mountain. We have, however, several rare localised plants, for instance the "Giant Rice Flower Aloe" (*Gasteria Croucherii*) which grows along the sandy shores towards Schoenmaakers Kop, the "Wax Creeper" or "Waxie" (*Nicroloma tenuifolia*), the thorny Cycad or "Kaffir Bread Tree" (*Encephalartos horridus*) and the flat "Elephant's Foot" (*Testudinaria sylvatica*). All these species are in danger of becoming extinct because of their rarity and because the areas in which they are still found are so limited and small in acreage. Baakens River Valley is providing a sanctuary for these species.

Now it is for this reason that nature reserves are formed from a scientific aspect, *viz.*, the preservation of the species. From a utilitarian point of view, visitors and tourists can without difficulty see these plants growing naturally in congenial and beautiful surroundings easily accessible from road, rail or boat.

F. R. LONG, A.H.R.H.S.

(With acknowledgments to the "Eastern Province Herald.")

In Memoriam.

JAMES ARMSTRONG.

It is my sad duty to put on record the death of James Armstrong, who passed away at Grand Rapids, Michigan, U.S.A., on September 15th, 1936. (In the Kew Guild Journal directory, Mr. J. R. Anderson has been incorrectly assigned to the post at Grand Rapids since the year 1932).

James Armstrong has always been a very hard man to keep trace of, but we learn that he was born at Brampton, Cumberland, England, on February 28th, 1869. Where he received his early horticultural training is not evident. He entered Kew on March 16th, 1891, and left in March 1892. His movements are uncertain until 1897, when he was employed by Messrs. Dobbie and Son, remaining with this firm until 1904. From thence he moved to the nursery of Messrs. J. Crocker and Son of Aberdeen, to remain with them until 1907, when he returned to Dobbies of Rothesay as foreman for a period of two years.

At about this time he left with several other men to try their fortunes in the United States. His first position was as head gardener on an estate at Marion, Mass., where he was employed until 1923. In that year he moved to fill a similar capacity on an estate at North Andover, Mass., until 1929. He then left for Grand Rapids, Michigan, to become Superintendent of the John Blodgett Estate, where he continued until his death in 1936. He was interred at Newport, Rhode Island.

Few American Kewites were acquainted with him, and it is recorded that he only attended one meeting of the Association of Kew Gardeners in America, that which was held at Boston, Mass., in 1922.

W. H. JUDD.

GEORGE ARNOLD BEST.

Mr. George A. Best died in hospital at Bourneville, Birmingham, on October 31st, 1937, following an accident in which he was knocked down by a motor cycle some four days previously. Mr. Best was born on May 24th, 1895, and on leaving school joined the garden department of the Bourneville Village Trust in March 1911. He remained there until August 1915, when called up for war service. On demobilisation he returned to Bourneville and entered Kew on March 25th, 1919. He was engaged in the herbaceous and arboretum departments and left on March 19th, 1921, on his appointment as Assistant Curator, Botanic Gardens, Straits Settlements. He continued in this capacity until early in 1937, when he resigned on account of ill-health. Shortly before his untimely death he had intimated that he intended to live in the genial climate of the Isle of Wight. To his family we extend our heartfelt sympathy at his death at the early age of 42 years.

E.G.D.

ALGERNON BIRKINSHAW.

The news of the death of Mr. A. Birkinshaw on January 28th, 1938, came as a shock to the many Kewites with whom he had been associated. Mr. Birkinshaw was in his fortieth year, having been born on April 4th, 1898. He commenced his horticultural career at Wimpole Hall, near Royston, Herts., and after nearly two years moved to Belvoir Castle, Grantham, under that very able gardener, Mr. W. H. Divers, V.M.H. He left in November 1915 for service with the Royal Army Medical Corps and served with H.M. Forces until the end of the Great War. In July 1919 he entered the Royal Horticultural Society's Gardens at Wisley, where he remained until May 1921.

Mr. Birkinshaw entered Kew as a student gardener on May 9th, 1921, and served practically the whole of his period in the tropical department, leaving on April 14th, 1923, for the Parks Department, Manchester.

It was in November 1928 that he was appointed Superintendent of Parks at Preston, Lancashire. He was Chairman of the Preston and Fulwood Horticultural Society in which he always displayed the keenest interest. Under his very able guidance considerable progress and many improvements have been effected in the Preston Parks. The recently completed rock and water garden in Avenham Park are a permanent reminder of his ability and enthusiasm for his work. He personally designed the garden and supervised the entire construction, which was carried out by his own staff. His efforts in brightening the dull spots in the industrial town of Preston called forth much praise and appreciation and his passing at an early age is to be greatly regretted. He died at the home of his parents at Feltham, Middlesex, and at the funeral service at St. Dunston's Church, Feltham, the Kew Guild was represented by Mr. W. M. Campbell, Curator of the Gardens, Mr. C. A. Newman, Mr. W. H. Johns, Mr. E. Coward and others.

VICTOR BUCKHOLZ.

We regret to record the death of Herr Victor Buckholz on July 29th, 1937, at the age of 47 years. He had been ill for some long time with a nervous disease and passed away suddenly in Hamburg.

He was born on December 24th, 1889, and after leaving school was apprenticed in the gardens of Baron Munchhausen, at Castle Bockstadt, Sachs-Meiningero, Prussia, from April 1904 until April 1907. In April 1907 he moved to Messrs. F. P. Wohner's nurseries at Coburg, where he remained until March of the following year, when he went to Dahlem Botanic Gardens. In February 1910 he came to England and was at Messrs. Bause's nurseries at South Norwood from that time until July of the same year. He came to Kew on July 4th, 1910, and was engaged in the tropical and decorative departments, leaving on March 18th, 1911, for Cambridge Botanic Garden, then under the curatorship of Mr. R. Irwin Lynch.

Later Mr. Buckholz was with Messrs. Veitch and remained in England until 1913. In 1914 he was in private service in the south of France. Then came the years of the Great War.

After the war he was engaged in the Argentine, and later in Australia, returning to Germany after a while. During the years 1928-1929 he was at Port Elizabeth, South Africa, and from that time until 1934 he was in Dresden. In the year 1934 he was appointed Garden Inspector of the Hamburg Botanic Gardens, a position he occupied at the time of his death.

E.G.D.

WILLIAM CRADWICK.

It was with deep regret that we learnt of the sudden death of Mr. William Cradwick, which took place at his home, Mereworth, Mandeville, Jamaica, B.W.I., on August 30th, 1937, in his 75th year. For nearly half a century his name had been almost a household word among Jamaican agriculturists. He entered Kew on April 11th, 1885, and left in July, 1888, on being appointed Superintendent of the Castleton Garden, Jamaica, on the recommendation of Sir Daniel Morris (then Assistant Director at Kew). In the following year he was placed in charge of the Government Cinchona Plantation and in 1892 was transferred to the Hope Gardens. His efforts were much praised in official quarters and Sir Henry Blake, then Governor of Jamaica, requested him to undertake the improvement of the cocoa plantations. He introduced the present system of Agricultural instruction, which has been the means of producing so many sound agriculturists. He later became Superintendent of the Hope Gardens. During several tours, some at his own expense, he added many beautiful plants to the Gardens' collection and it is stated that he discovered the Jamaican *Adiantum farleyense*.

He was responsible for the report on the possibilities of land settlement schemes in St. Vincent, for which he received the thanks of Mr. Joseph Chamberlain, Secretary of State for the Colonies. Mr. Cradwick was credited with having been the first to discover (in 1912) Panama Disease of bananas in Jamaica. He was the originator of the prize holding scheme of the Jamaican Agricultural Society and for a scheme of prize awards for the best kept animals, which to-day is so popular all over the island.

At the British Empire Exhibition held at Wembley in 1924-25, Mr. Cradwick was Commissioner for Jamaica. The Jamaican section was the largest unit in the West Indian and Atlantic Group Pavilion and Mr. Cradwick was constantly in attendance and gave valuable information to all enquirers on the very representative collection of products which were displayed.

For some years after the Exhibition Mr. Cradwick was travelling Instructor for the Agricultural Department and though he relinquished the appointment in 1929, he was always ready and willing to do all that lay in his power to promote the interest of agriculture in

Jamaica. He always devoted himself whole-heartedly to his work and his love for Jamaica was unbounded.

E.G.D.

WILLIAM HALES, A.L.S., V.M.H.

It is with very sincere regret that we have to record the passing of Mr. William Hales at the age of 63 years. He had been in indifferent health for some months and died on the evening of May 11th, 1937.

Mr. Hales was born at Leamington, Warwickshire, on February 13th, 1874, and at the early age of twelve years started his horticultural career in the gardens of Stratherne House in his native town. Two years later he went to Ranlagh Nurseries, Leamington, where he received a thorough training in general market nursery work both with flowers and fruit. From Leamington he went to the gardens of Courtlands, Edgbaston, Birmingham, in order to gain further knowledge of plants. This he was able to do as the Birmingham Botanic Garden was in the vicinity and was at that time under the able Curatorship of Mr. W. B. Latham (an old Kewite). The Botanic Gardens had a great attraction for Hales and it was not surprising that before long he entered them as a journeyman gardener. He availed himself of all the facilities for advancement that were offered and distinguished himself with the Gardeners' Mutual Improvement Society and in his own time attended classes at the Midland Institute.

In June 1894 he entered Kew as a student gardener, working in the tropical, temperate and decorative departments. He was appointed sub-foreman in the decorative department on June 22nd, 1896, under the late Mr. F. Garrett.

In 1899 the City Parochial Foundation required a Curator for the Chelsea Physic Garden, which had lately passed to them from the Society of Apothecaries, and Mr. Hales was offered the position. He accepted the post and left Kew on September 2nd, 1899, to develop the garden for London botanical students. His widespread interest and activities have been recognised from time to time by the Royal Horticultural Society, the University of London and the Linnean Society of London. In 1912 he was made an Associate of the Linnean Society, an honour that always gave him much pleasure. In 1926, the Trustees of the Chelsea Physic Garden, to show their appreciation of his work, sent him on a tour of the Tropics, and he visited Ceylon, Penang, Singapore, the Malay States and Java. During this trip it gave him much pleasure to meet a number of old Kewites whose arrangements enabled him to see much that might otherwise have been missed. In February 1930, the Royal Horticultural Society awarded him the Veitch Memorial Medal; in 1932 he was elected an Associate of Honour. All these honours were well merited and gave much satisfaction to his friends.

In 1934-35 he was elected President of the Kew Guild and previously he had been a member of the Guild Committee and its Chairman. It has been said that those who have sought his help and advice have

never asked in vain. He was a likeable man, upright in character and good humoured and his passing leaves a gap in the distinguished band of Kewites who have made their mark in the horticultural world.

E.G.D.

SIR CECIL HANBURY, M.P.

Sir Cecil Hanbury, M.P., died on June 10th, 1937, at the age of 66 years. Though not a member of the Kew Guild he always interested himself in Kew and Kewites and it is for this reason that reference to him is made in these pages. He was the son of Sir Thomas Hanbury, to whom the Royal Horticultural Society owes the gift of the Wisley Gardens. He served in the War Office and Admiralty during the years 1914-1919 and was knighted for his services in many spheres, in 1935. He was M.P. for North Dorset.

Sir Cecil Hanbury's interests were centred in the gardens at Kingston Maurward, Dorset, and in the world-famous gardens of La Mortola, Ventimiglia, Italy (on the Italian Riviera), which were created by his famous father.

The relationship between La Mortola and Kew has always been a very happy one and several years ago it was arranged through the generosity of Sir Cecil Hanbury (who provided the travelling expenses) for a Kew Student-gardener to spend a year at La Mortola, while an Italian gardener came to England in his stead. Those who have been privileged to participate in this exchange arrangement from time to time, will appreciate the thought that has prompted these brief notes. We are happy to state that Lady Hanbury is continuing the arrangement to the mutual benefit of gardeners of both countries.

E.G.D.

JOHN MURRAY HENRY.

The years take their toll of the older members of the Guild and it is with sincere regret that we record the passing of one of our veterans in Mr. John M. Henry, who died on October 7th, 1937, just three weeks after his 96th birthday. To quote from a letter received from his granddaughter, "I am glad to say that he had no illness, and did not suffer, and as the doctor has said, he just passed out like the snuff of a candle, in his sleep."

Mr. Henry was born in the parish of Inverkeilor, Forfarshire, Scotland, on September 16th, 1841. He was keenly interested in flowers and their culture and in particular in landscape gardening. He came to Kew in March 1866 and left in April of the following year (the *Journal* for 1935, p. 446, is erroneous in its details according to the Kew Employment Register from which I have verified the dates now given.—Ed.), to proceed to Mr. E. G. Henderson's

nurseries at St. John's Wood. Some time later, on the recommendation of Kew, he went to Madras under a five years' agreement, and at the end of this time, engaged for a further three years for duties in the Nilgiri Hills. Following this he was deputed by the Rajah of Durbunga to lay out extensive gardens around his palace, proceeding later to Baroda.

The Maharajah of Baroda was then eighteen, and when he took over his title and estates he carried out a complete renovation of all the parks and gardens in his State. Mr. Henry was in charge of these areas for sixteen years and among many important undertakings he laid out the grounds of the Palace at Umrat, some 200 miles from Baroda. He left India for England in 1895 and took a nursery business at Hartley Wintney, Hampshire. To the end of his days he was hale and hearty and in his own words "able to lead a very happy life."

E.G.D.

OTTO LIDEN.

Otto E. W. Liden was born in the University city of Lund, Sweden, on April 9th, 1861. After attending school and finishing the prescribed courses with credit he left Sweden at an early age and came to England, in order to study horticulture. Eventually he entered Kew on March 31st, 1884, and left April 10th, 1886. From Kew he went to the Jardin des Plantes, Paris, where he remained for little more than a year, when he returned to Sweden. He secured a position in the Botanic Garden at Lund, but later was employed by Count Wachtmeister. He eventually made up his mind to go to America and he and his wife settled down at Rye, New York State, where he obtained a situation on a large estate.

Some time after he moved to Brooklyn, where he and his family resided for many years. Early in 1900 he became associated with the New York City Park Departments. He took the Civil Service Examination and was successful in passing, and an appointment at Prospect Park, Brooklyn, soon followed. He retired in 1929. From then on he devoted his time to private interests and in his leisure moments was able to aspire to some earlier cherished ambitions. He took an active part in Freemasonry, holding several offices before being appointed Chaplain of his New York Lodge in 1924. Ill-health, however, compelled him to relinquish the position in 1933.

For some years he had been in ill-health and he was taken seriously ill in January of this year. The end came on February 25th at Woodhaven, Long Island. He is survived by his two daughters.

(We are indebted to Mr. W. H. Judd for the foregoing details.—Ed.)

THOMAS YOUNG.

We regret to record the death of Mr. Thomas Young, Superintendent of the Parks Department, Hampton, Middlesex, on Saturday, 15th January, 1938, at the age of 40 years.

Mr. Young, who was a Scot by birth, came of an old gardening family and received his early training under the able direction of his father at Lilleshall Hall, Newport, Salop and Belvoir Park, Belfast. He entered the Royal Botanic Gardens, Kew, on November 15th, 1920, and after completing the full course of lectures, left on September 9th, 1922, to take up a position at Sanshaw Gardens, Shrewsbury. Subsequently he was Arboretum Foreman at Cannon Hill Park, Birmingham, and later had charge of the Bourneville Park in that city. Some nine years ago he was appointed Superintendent of the Parks Department, Hampton, Middlesex. He leaves a widow and one daughter.

KEW STAFF (APRIL 1st, 1938).

(The Names of Life Members are preceded by an Asterisk).

		Entered Kew.
Director	*Sir Arthur W. Hill, K.C.M.G., M.A., Sc.D., D.Sc. (Adelaide), F.R.S., V.M.H., F.L.S., F.R.S.N.Z.	1907
Assistant Director	J. S. L. Gilmour, M.A., F.L.S.	1931
Economic Botanist	H. C. Sampson, C.I.E., B.Sc., F.L.S.	1927
Assistant Botanist	B. L. Burtt, B.Sc.	1931
Clerk (Higher Grade)	S. F. Ormsby	1923
Clerical Officer	E. J. Jones	1937
Shorthand Typist	Miss H. B. Judge	1930
Keeper of Herbarium and Library	*A. D. Cotton, O.B.E., F.L.S.	1904
Deputy Keeper of Herbarium	Thomas A. Sprague, D.Sc., F.L.S.	1900
Botanist	*Miss Elsie M. Wakefield, M.A., F.L.S.	1910
"	William B. Turrill, D.Sc., F.L.S.	1909
"	Cecil V. B. Marquand, M.A., F.L.S.	1923
"	V. S. Summerhayes, B.Sc.	1924
"	Miss M. L. Green, B.A., F.L.S.	1912
"	F. Ballard, B.Sc.	1929
"	N. Y. Sandwith, M.A., F.L.S.	1924
"	C. E. Hubbard, F.L.S.	1920†
"	E. W. B. H. Milne-Redhead, M.A. ...	1929
"	H. K. A. Shaw, B.A., F.L.S.	1925
"	E. G. S. Brown, B.Sc., Ph.D.	1938
" for India	C. E. C. Fischer	1925
" " South Africa	H. G. W. J. Schweickerdt, B.Sc., Ph.D.	1934
" " Western Australia	C. A. Gardner	1937
Botanical Artist	Gerald Atkinson	1922
Clerical Officer	M. C. Prior	1932
"	W. Walker	1929
Assistant Botanist (Library)	Ernest Nelves	1920†
"	Miss C. I. Dickinson, B.A.	1929
"	A. A. Bullock, B.Sc.	1929
Sub Assistant	Miss Mabel I. Skan	1919
"	Miss S. K. White	1929
"	Frederick C. Woodgate	1922
"	H. S. Marshall	1932
"	Miss J. M. Davidson	1936
"	R. A. Blakelock	1937
Assistant (Temporary Technical)	A. K. Jackson	1930
"	Miss D. A. Hills	1936
Preparer (Herbarium)	E. E. Knowles	1924
"	A. W. Olding	1925
"	D. Saville	1920†
"	G. Tidy	1927
"	C. F. Norman	1927
"	T. P. Flynn	1928
"	Miss M. W. Tanner	1936
Shorthand Typist	Miss D. P. F. King	1935
Typist	Miss M. J. Kierans	1934
Keeper of Museums	John Hutchinson, LL.D., F.L.S.	1904†
Botanist	F. N. Howes, D.Sc.	1926
"	R. Melville, B.Sc., Ph.D.	1934
Preparer	Laurence J. Harding	1913
Typist	Miss E. K. C. Thompson	1936
Jodrell Laboratory, Assistant Keeper	C. R. Metcalfe, M.A., Ph.D.	1930
Curator of the Gardens	W. M. Campbell, N.D.H.	1922†
Assistant Curators :—		
Herbaceous Department	G. H. Preston	1934†
Arboretum	*Arthur Osborn	1899†
Decorative Department	S. A. Pearce	1937†
Tropical Department	Lewis Stenning	1925†
Temperate Department	*Charles P. Raffill, A.H.R.H.S.	1898†

† Formerly a Student Gardener at Kew.

	<i>Entered Kew</i>
Clerk (Higher Grade)	Arthur Hearn 1932
Clerical Officer	Ernest G. Dunk..... 1914†
"	W. D. H. Prior..... 1933
Clerk	Frank C. Aldridge..... 1931
"	Frank S. Harrigan..... 1935
Shorthand Typist	Miss G. D. Rockell 1928
Sergeant-Constable	Joseph Sealy..... 1903
Packer and Storekeeper.....	Harry W. Ruck..... 1907†
Assistant Superintendent of Works.....	T. W. Yates..... 1933

† Formerly a Student Gardener at Kew

FOREMEN AND ARBORETUM PROPAGATOR.

<i>Department.</i>	<i>Name.</i>	<i>Entered Kew.</i>	<i>Previous Situation.</i>
Rock Garden	Stanley Holt	25 Feb., 1935	Parks Dept., Blackpool, and Sans Souci Gardens, Potsdam.
Ferneries	Brian L. Perkins ...	4 May, 1936	Parks Dept., Manchester.
Propagating Pits	Frank Shaw.....	29 June, 1936	The Gardens, Longford Castle.
Temperate House	*Edward H. Robson	18 Mar., 1936	Bodnant, Tal-y-Cafn, N. Wales.
Herbaceous Dept.	George H. Addison	17 Sept., 1934	Messrs. T. R. Hayes & Sons, Ambleside.
Flower Garden ...	Charles E. Cherry	6 July, 1936	John Innes Hort. Inst., Merton.
Decorative Dept.	Thomas G. Curry...	16 July, 1935	Royal Gardens, Windsor.
Palm House	Eric Sleigh	4 Sept., 1933	Parks Dept., Manchester and Luxembourg Gardens, Paris.
Temperate House Pits	Percy W. Page ...	18 Sept., 1933	Bodnant, Tal-y-Cafn, N. Wales and La Mortola, Ventimiglia, Italy.
Orchids	Stanley W. Rawlings	20 July, 1936	Parks Dept., Salford.
Arboretum	Charles F. Coates...	27 Sept., 1915	Manor Park, Potton, Beds.

STUDENT GARDENERS.

<i>Name.</i>	<i>Entered Kew.</i>	<i>Previous Situation.</i>
Joseph E. Airey	12 April, 1937	Armstrong College, Newcastle-on-Tyne.
John J. Aves	2 Aug., 1937	Public Works Dept., Pretoria.
Robert W. Balch	1 Nov., 1937	Christchurch, N.Z.
Peter L. Benton	27 Sept., 1937	Hillside Llandaff, Cardiff.
Alfred E. Boreman	1 July, 1935	Coleman's Nurseries, Bognor Regis.
Leslie R. Brown	20 Sept., 1937	Parks Dept., Southgate, N.
Arthur R. T. Buckley...	10 July, 1933	Dartington Hall Gardens, Totnes and Ontario Agricultural College.
Philip A. Chandler	25 Aug., 1937	John Innes Hort. Inst., Merton.
Marcel M. Chevalier ...	29 May, 1937	Etablissement horticole, Mme. V. Gautier Bagneux (Seine) France.
Charles J. Collins.....	11 Feb., 1935	Kells, Co. Meath and Botanic Gardens, New York.
*Stephen G. Cutting ...	25 July, 1937	Botanic Gardens, New York.
Josiah M. Darrell.....	12 Oct., 1936	Parks Dept., Fleetwood, Lancs.
Frank J. Ford	25 Oct., 1937	Parks Dept., Margate.
Frank E. Hazelwood ...	7 Mar., 1938	Hillier & Sons, Winchester.
Francis J. Hebden	15 Nov., 1937	Botanic Gardens, Cambridge.
Roy A. Hudson	16 Nov., 1936	Roundhay Park, Leeds.
James P. Jenkin	7 Feb., 1938	"Roseberry," Hampstead Road, Watford.
Lawrence Lannie	8 June, 1935	Botanic Gardens, Wellington, N.Z., and Botanic Gardens, Munich.
Cecil G. Last	25 Feb., 1935	Messrs. Amos Perry, Enfield and Botanic Gardens, Gothenburg.
Wilfred N. Lawfield ...	27 Sept., 1937	Messrs. Ridgeon, Cambridge.

<i>Name</i>	<i>Entered Kew</i>	<i>Previous Situation</i>
John McCartan	20 Sept., 1937	Dartington Hall Gardens, Totnes.
Philip W. Mansell	5 Oct., 1936	Kew Topiary Nurseries, Richmond.
John L. Norris	23 Aug., 1937	Royal Hospital Gardens, Chelsea.
Andrew H. Pettigrew ...	18 Mar., 1935	Parks Dept., Swansea and Luxembourg Gardens, Paris.
Leslie Norman Prosser	3 Dec., 1934	La Mortola, Ventimiglia.
Lodovico Ronco	21 Feb., 1938	La Mortola, Ventimiglia, Italy.
Karl H. Rottgardt	1 June, 1937	Hamburg Botanic Gardens.
Cedric C. van Ryneveld	3 Aug., 1937	Parks Dept., Blackpool.
Dennis W. Sayers	18 May, 1937	Hook Place, Burgess Hill, Sussex.
Frederick G. Selby	29 Nov., 1937	Antony Estate Gardens, Torpoint, Cornwall.
Wilfred G. Sheat	8 Nov., 1937	Messrs. Waterer, Son & Crisp Ltd., Twyford.
Joseph C. Short	14 May, 1937	Messrs. Duncan & Davies Ltd., New Plymouth, N.Z.
Richard O. Stanion ...	7 June, 1937	Parks Dept., Norwich.
George E. Taylor	2 Dec., 1935	Regents Park London, N.W.
Ronald H. Wildy	18 May, 1937	Parks Dept., Newport, Mon.
Lucien de Wolf	2 June, 1937	Botanic Garden, Brussels.
David Zaidenberg	1 Nov., 1937	Tel Aviv, Palestine.

OLD KEWITES.

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

Abbreviations :—H.G., Head Gardener ; F., Foreman ; N., Nurseryman ; M.G., Market Gardener ; C., Curator ; D., Director ; M., Manager ; B.G., Botanic Garden ; S., Superintendent, etc.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Abbing, J.	Nov. 1936 ...	Hoogesteeg 19, Driebergen, Holland.
*Abbot, James M.	Sept. 1898 ...	F., Park Farm, Woking Village, Surrey.
Adams, R.	Apr. 1903 ...	St. Joseph's Hospital, Burlington Lane, Chiswick.
Addison, G. H.	May 1938 ...	Botanic Gardens, Singapore, S.S.
Adamson, John	July 1909 ...	N., Moniaive, Dumfriesshire.
Agate, C. J.	Apr. 1926 ...	33, Hicks Lane, Great Neck, Long Is., N.Y., U.S.A.
Aikman, John, M.B.E.	Oct. 1932 ...	40, Mortlake Road, Kew, Surrey.
*Aikman, Miss M. G.	Nov. 1924 ...	40, Mortlake Road, Kew, Surrey.
*Alcock, Mrs. N. L., M.B.E., F.L.S.	Nov. 1918 ...	Dept. of Botany, Royal Botanic Garden, Edinburgh.
Alcock, R. M.	Mar. 1930 ...	H. G., Hailey, Ipsden, Oxon.
*Allen, C. E. F.	Feb. 1904 ...	53, Portsdown Rd., Maida Vale, W.9.
Allison, B. W.	Jan. 1930 ...	Asst. Supt., Parks Dept., Salford, Lancs.
*Allt, W. S.	Jan. 1911 ...	Cold Spring, New York, U.S.A.
Ashton, A. H. G., M.A.	June 1925 ...	British Museum (Nat. Hist.), S.W.7.
*Anderson, A. W. C., N.D.H. (N.Z.)	Feb. 1926 ...	S., Parks and Reserves, Timaru, N.Z.
*Anderson, J. R.	Oct. 1905	
*Anderson, J. W.	June 1910	
Andrews, C.	Oct. 1922 ...	F., Tresco Abbey, Scilly Islands.
Archer, Sydney	Mar. 1895	
*Arden, Stanley	June 1900 ...	"Bintang", Gerald Road, West Worthing.
*Armbrrecht, Otto	Jan. 1898 ...	c/o Wm. Pfitzer, Stuttgart, Germany.
*Armstrong, Robert	Oct. 1897	
*Arnold, George	Oct. 1894 ...	Essex.
*Arnold, T. A.	Jan. 1931 ...	Supt. of Parks, Boksburg, Transvaal, South Africa.
*Arthur, Alec.	April 1899 ...	U.S.A.
Ashlee, T. R., B.S.(Ed.)	April 1910 ...	Univ. of Idaho, Moscow, Idaho, U.S.A.
Astley, James	Nov. 1898 ...	Vancouver, B.C., Canada.
Atkins, L. G., N.D.H.	Oct. 31 ...	The Lodge, Kings Court, Forty Lane, Wembley Park.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Attenborough, F.....	Feb. 1896 ...	H. G., Annesley Ho., Villa Rd., Nottingham.
*Aubrey, A. E.	April 1910 ...	The Woodhouse Gardens, Tettenhall, Wolverhampton.
Augull, Karl.....	July 1902 ...	N., Latvia Dobeh, Vecvagar, Russia.
Bachelor, Philip, L.....	Mar. 1935 ...	c/o Education Committee, 54, Old Steia, Brighton
*Badgery, R.....	Aug. 1906 ...	Smallack Drive, Crown Hill, Devon.
*Baggesen, Niels.....	Dec. 1900 ...	Hardy Plant Nursery, Pembury, Tunbridge Wells.
Bailey, A. G., B.A.....	Dec., 1915 ...	Dept. Agric., Kenya Colony.
Bailey, Thomas.....	Sept. 1892 ...	Ravenscourt Park, W.6.
*Baker, A. F.	April 1920 ...	Supt. of Parks and Fst., Box 288, Kings Park, Bloemfontein, South Africa.
*Baker, E.	Oct. 1920 ...	Supt., Parks Dept., Hackney, N.
Baker, G. A.	Jan. 1911 ...	N., Buller Road, Laindon, Essex.
Baker, Wm. G., A.H.R.H.S.	Dec. 1887 ...	C., Bot. Gardens, Oxford.
*Balen, J. C. van	Mar. 1919 ...	Asst. Dir., Parks & Estates, Johannesburg, Union of S. Africa.
Bally, P.....	Aug. 1916	
*Band, R.	Oct. 1908 ...	P.O. Box 524, Accra, Gold Coast Colony.
*Banfield, F. S., F.L.S.	May 1927 ...	"Bukit Atas," 24, Howard Rd., Coulsdon, Surrey.
Banks, G. H., A.H.R.H.S.	Mar. 1906 ...	C., Botanic Gardens, Glasgow, W.2.
Barham, F. A.	Mar. 1928 ...	The Nursery, Kensington Gardens, W.8.
Barham, V. G.	Mar. 1928 ...	"Invermark," Sutton-at-Home, Dartford, Kent.
*Barker, W. H., N.D.H.....	Mar. 1923 ...	"Maysfield", Epsom Lane, Tadworth, Surrey.
*Barnett, M. J., N.D.H. (N.Z.)	April 1914 ...	Supt., Parks and Reserves, Christchurch, New Zealand.
*Bartlett, A. C.....	May 1898 ...	Land. Gard., 30, Sheen Lane, Mortlake, S.W.14.
Barton, Robert.....	June 1890 ...	3303 Dixwell Av., Hamden, Conn., U.S.A.
Bass, A. P.	Nov. 1922 ...	Botanic Gardens, Oxford.
Bass, Edward	Mar. 1899	
Bass, Thomas	Mar. 1899 ...	13 Friar's Stile Rd., Richmond, Surrey.
*Bassett, W. E.	June 1927 ...	Botanic Gardens, Dominica, Leeward Is.
Bate, Clifford	Oct. 1930 ...	Maidstone Road Cemetery, Chatham, Kent.
Bates, A. J.	June 1922	
*Bates, G.	Feb. 1904 ...	
Bates, W.	June 1932 ...	Gunnersbury Park, Acton, W.
Batters, Frederick H.	Feb. 1891 ...	c/o Messrs. Cutbush Nurs., Highgate, N.6
Baum, Jacob.....	July 1900 ...	N., Pallud sur Vevey, Switzerland.
*Baumann, Ludwig	Mar. 1902 ...	Asst. Park Comm., 4247, Magnolia Avenue, St. Louis, Mo., U.S.A.
Baumgardt, Hilding.....	Mar. 1902	
Beale, J. H.	Apr. 1911 ...	Boyce-Thompson Inst. Yonkers, N.Y., U.S.A.
Beale, Mrs. S. E. (née Hampton)	Sept. 1936 ...	6, Oak Close, Sutton, Surrey.
*Bean, W. J., I.S.O., V.M.H.	May 1929 ...	2 Mortlake Road, Kew, Surrey.
*Beatty, E. J.....	Nov. 1905 ...	"Deva," Meadow Way, Reigate, Surrey.
Beer, A.	Mar. 1919 ...	University Bot. Gdns., Innsbruck, Tyrol.
*Behnick, A.	Dec. 1906 ...	H.G., Gruson, Magdeburg, Germany.
*Bell, Miss V. S. (See Mrs. Danes)		
*Benbow, Joseph, A.H.R.H.S.	Sept. 1884 ...	Manor House, Kingston Park near Dorchester.
Bennett, F. R.	Sept. 1915 ...	F., Wall Hall Gardens, Watford.
Bentall, A. S.....	Oct. 1921 ...	Ivydene Nursery, Wolsey Rd., Ashford, Middlesex.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Benton, A. W.	May 1909 ...	86 York Road, Teddington, Middlesex.
Berg, F.	Feb. 1911 ...	Dien III., Aposthigasse 29-31, Vienna.
Berney, Marc J.	May 1937 ...	La Plaine, Geneva, Switzerland.
Berridge, T. G.	Aug. 1912	
*Besant, J. W., A.H.R.H.S.	June 1905 ...	Keeper, Botanic Gardens, Glasnevin, Dublin, Eire.
Besant, W. D.	June 1910 ...	Dir., Parks and Gardens, 120, Blythwood St., Glasgow.
*Biggs, E. M.	Oct. 1912 ...	Solent Court, Warsach, Hants.
Billström, G. A.	Sept. 1929 ...	Göteborgs Trädgårdsförening, Göteborg, Sweden
*Binnington, R.	Oct. 1924 ...	S., Parks Dept., and Holly Lodge, 165, Upper Hill Lane, Southampton.
*Bintner, Jean, N.D.H.	Sept. 1917 ...	c/o Geo. Munro, Ltd., 33, Rue du Pont-Neuf, Halles Centrales, Paris.
Bintner, Mrs. Jean (Harper)	Jan. 1918 ...	7 Rue d'Arcole, Paris.
Birch, L. G.	June 1932 ...	Ivy Lodge, St. James' Park, S.W.1.
Bird, D. H.	Jan. 1913 ...	Rosemede, Slough Road, Datchet.
Bird, F. W.	May 1909 ...	6 King's Villas, Slough Road, Datchet.
Birkentall, John	Oct. 1928 ...	c/o Mrs. Holmes Estate, Port Washington, Long Is., N.Y., U.S.A.
*Birkinshaw, F.	April 1912 ...	Assist. Agric., Agric. Dept., Kuala Lumpur, F.M.S.
Bishop, Miss S. W.	April 1919 ...	The Homestead, East Stoke, Stoke-under-Ham, Som.
*Blackburn, A.	Oct. 1908 ...	Supt., Parks Department, Stanley Park, Blackpool.
Blackman, J. A. E.	Jan. 1934 ...	The Gardens, Eltham Hall, Eltham, S.E.9
Blake, A. E.	Sept. 1922 ...	2 Bryor Clyffe Cotts., Corton Rd., Lwestft.
*Blanche, H. M., B.Sc., F.A.S.L.A.	Sept. 1909 ...	Chief Forester, Finger Lakes State Park Commission, Ithaca, N.Y., U.S.A.
Bliss, Daniel, V.M.H., A.H.R.H.S.	Nov. 1895 ...	Supt., Public Parks, 4, Mount St., Swansea.
Bliss, J.	Aug. 1891	
*Blythman, T.	May 1907 ...	Telkwa, B.C., Canada.
Boff, C.	Jan. 1916 ...	Link House, Fetter Lane, E.C.4.
*Bogemans, A.	Jan. 1911 ...	145, Avenue Van Vecelacre, Watermaellez, Brussels.
*Bogula, Otto.	Mar. 1899 ...	U.S.A.
*Bolt, Philip	June 1898 ...	H.G., Upton Priory, Macclesfield.
Bolton, W.	Feb. 1904 ...	Blenheim, Woodstock, Oxon.
Bond, William	June 1876 ...	H.G., 66 Bostall Lane, Abbey Wood, Kent.
Bonfiglioli, V.	June 1936 ...	Via Trionfale 175, Rome, Italy.
Boodle, L.A.	1930 ...	1a, Ormond Avenue., Richmond, Surrey.
Booker, A. J.	Nov. 1924 ...	93, Quay Rd., Bridlington.
Boorman, John.	Aug. 1885 ...	10 Hathern St., Leichhardt, Sydney, N.S.W.
Boswell, Miss D. A. L.	June 1918	
Boulton, Francis	Jan. 1915 ...	28 Uplands Rd., Stroud Green, N.8.
*Bowell, E. C.	Sept. 1906 ...	N., Alpine Cott., Cemetery Rd., Cheltenham.
*Boyd, Thomas D.	Aug. 1928 ...	Oak Hill Park, Accrington, Lancs.
*Braggins, S. W. McLeod, A.H.R.H.S.	Nov. 1906 ...	Villa Violetta, Via Aurelia, Bordighera, Italy.
*Braid, Major K. W.	1925 ...	Agric. College, 6 Blythswood Sq., Glasgow.
Brain, H. J.	Mar. 1915 ...	42 Bulstrode Avenue, Hounslow, Middx.
*Braybon, E. A.	Mar. 1915 ...	c/o., Grindlay & Co. Ltd., 54, Parliament St., London, S.W.1.
*Briscoe, T. W.	April 1905 ...	H.G., 4 Gloucester Rd., Tutshill, Chesh-tow.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Broadbridge, Mrs. L.	Aug. 1918	
Bromley, W. H.	Sept. 1927	
*Brooks, A. J., F.L.S., F.C.S., J.P.	May 1903 ...	96, Stafford Court, High St., Kensington, W.8.
*Brown, A. E.	Sept. 1905 ...	Box 147, Mimico, Ontario, Canada.
Brown, A. G.	April 1927 ...	Southfields Grange, Putney, S.W.
Brown, A. J.	April 1930 ...	E. Hull Golf Course, Riseholme Hill, Farm, Sutton-on-Hull, E. Yorks,
*Brown, E., F.L.S.	Dec. 1903 ...	"Chez Nous," Grove Road, Cranleigh, Surrey.
*Brown, J.	April 1905 ...	"Mariemont," Newport, Rhode Island, U.S.A.
Brown, Jas.	Nov. 1926 ...	S., Harehills Cemetery, Leeds, 9, Yorks.
Brown, Thomas	Nov. 1884 ...	Parks Board Offices, City Hall, Winnipeg.
*Brown, T. W., F.L.S., A.H.R.H.S.	Nov. 1899 ...	Garden House, Giza, Muderieh, Cairo, Egypt.
Brown, Wm.	Jan. 1926 ...	c/o Clarewood Turf Club, Ltd., Durban, Natal, South Africa.
*Bruins-Lich, H.	July 1928 ...	Princess Park, Church St., W., Pre- toria, S. Africa.
Bruun, Svend	June 1895 ...	N., Brøndbyvester Strand, Glostrup, Denmark.
Bryan (Brien), H.	Mar. 1906 ...	Steward's House, Hampstead, Glasne- vin, Co. Dublin.
Bryan (Brien), I. G.	Mar. 1878 ...	Hibernia, Palmerston, Fairfield, W. Aust.
Bryan (Brien), W.	Feb. 1878 ...	H. G., Mayfield Gardens, Portlaw, Co. Waterford.
Buck, Henry J.	Dec. 1934 ...	Brookfield Lodge, Burghfield Common, Reading.
Bullock, T. G.	May 1913 ...	Hort. Lect., 6 St. Martins, Leicester.
Burbridge, K. G.	Jan. 1906	
Burdett, E. F.	1932 ...	Ministry of Agriculture & Fisheries Station, Lowestoft.
Burfoot, Charles	Mar. 1921 ...	H.G., Bulmershe Ct., Earley, nr. Reading
Burkill, I. H., M.A., F.L.S.	Dec. 1900 ...	"Clova," Fetcham Park, Leatherhead.
Burn, Thomas	Jan. 1888 ...	Cuerdon Hall, Bamber Bridge, Preston.
*Purrell, Miss L. C. (See Mrs. S. T. Lees)		
Burton, H.	Dec. 1903 ...	c/o Lewis & Valentine, West Palm Beach, Florida, U.S.A.
Burton, R. A.	May 1931 ...	42 Willowtree Road, Altrincham.
*Buss, L.	Nov. 1924 ...	The Bungalows, Houghall Hort. Station, Durham.
*Butcher, F. H.	May 1907 ...	38, Pollard's Hill East, Norbury, S.W.16
Butcher, H. G.	Sept. 1921 ...	c/o., Town Hall, Epsom, Surrey.
Butler, F. B.	Nov. 1919 ...	Supt., Dep. Agric., Kenya Colony, B.E. Africa.
Butler, P. J.	Feb. 1922 ...	Bedford College, Regent's Park, N.W.1.
*Bysouth, Mrs. R. A. (Davies)	Jan. 1919 ...	Lashburn, P.O., Saskatchewan, Canada
Cambridge, Robert	Nov. 1894 ...	Turnham's Farm, Calcot, Reading.
*Cameron, John, F.L.S.	Dec. 1873	
*Cameron, Robert.	April 1887 ...	1925, Massachusetts Av., Cambridge, Mass., U.S.A.
*Candler, S. R.	Feb. 1913 ...	P.O. Box 278, Southampton, Long Is., N.Y., U.S.A.
Candler, Thomas H.	Mar. 1897 ...	18, Laburnum Road, Bournville.
Cann, Cedric A.	Oct. 1937 ...	Parks Dept., Fleetwood, Lancs.
Cannon, H. A.	Mar. 1912 ...	Uganda Coffee & Rubber Est., Ltd., Kampala, P.O. 53, Uganda.
Capsticks, W. H.	Oct. 1912 ...	Strode, Ivy Bridge, South Devon.
Carr, G. E.	Mar. 1930 ...	N., 40, Morkill Road., Sherbrooke, Quebec, Canada.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
*Cartwright, T.	May 1908 ...	Firs Cottage, Stable Lane, Mouldsworth, nr. Chester.
Casey, Miss E. M.	Dec. 1917 ...	Tokyo, Japan.
*Casse, A. E.	Mar. 1900 ...	Bayeux, Hayti.
*Catt, George.	Jan. 1929 ...	South Lodge, "The Fishery", Denham, Bucks.
*Cavanagh, A. A.	Dec. 1923 ...	M., Liebig's Yerba Maté Plantations, Playadito, Corrientes, Argentine Republic.
*Cavanagh, B.	Nov. 1899	
*Cave, George H., M.B.E.	Aug. 1896 ...	Ashton-under-Hill, nr. Evesham.
*Cave J. E.	April 1903 ...	Merle Cottage, Binfield, Berks.
Chambers, G.	April 1915 ...	The Croft, Usk, Mon.
Chambers, Mrs. K. (Watson, K.)	Mar. 1922 ...	32 Valley Road, Welwyn Garden City.
Champion, Miss	Feb. 1916 ...	Ystrad, Denbigh, N. Wales.
*Chandler, P.	Nov. 1919 ...	Assist., Agric. Dept., Kampala, Uganda.
Chantler, Ernest	Feb. 1938 ...	La Mortola, Ventimiglia, Italy.
Chantry, Sydney H.	June 1937 ...	Ecole d'Horticulture, Vilvorde, Brussels.
*Chapman, H. L. R.	July 1919 ...	Botanist-in-Charge of Beal Botanic Garden, East Lansing, Michigan, U.S.A.
Charman, George.	Feb. 1885 ...	327 East Church St., Bethlehem, Pa., U.S.A.
Cheek, A. J. W.	June 1929 ...	The Lodge, Alexandra Park, Moss Side, Manchester.
Child, H. V.	Jan. 1911 ...	Kew Convent, Kew, Victoria, Australia.
Chinery, Philip.	Nov. 1882 ...	H. G., Bulmer Lodge, Sudbury, Suffolk.
Chollet, P.	Oct. 1916 ...	c/o Messrs. Sander & Sons, Bruges.
Christensen, P. C.	Mar. 1901 ...	Norregade 64, Odense, Denmark.
*Christie, J. S., A.H.R.H.S.	Nov. 1909 ...	Supt. Parks, Camberwell & 424, Lordship Lane, East Dulwich, S.E.22.
Cishegg, J.	June 1908 ...	M., Stanmore Nurs., Stanmore, Mddlx.
Clacy, C. S.	April 1908 ...	Binfield Lodge Gdns., Bracknell, Berks.
Clarke, F.	May 1932 ...	Downshire House Gardens, Roehampton, S.W.
Clark, Thomas R.	April 1936 ...	Parks Department, Manchester.
Clarke, N. K.	Nov. 1909	
Clarke, T. E.	Jan. 1924 ...	West Lodge, Heaton, Bolton, Lancs.
*Clegg, A. S.	Jan. 1921 ...	U.S.A.
*Clements, T.	Dec. 1906 ...	Netherton Road, Drewsteignton, Near Exeter, Devon.
*Close, A. W.	May 1908 ...	c/o U.S. Dept. Agric., Glenndale, Maryland, U.S.A.
Coales, J. D.	Dec. 1930 ...	Parks Dept., Gunnersbury, W.
*Coates, Mrs. D. B. (Taylor) ...	Aug. 1916 ...	South Kilworth, Rugby.
*Cocker, H. R.	Jan. 1933 ...	Villa Taranto, Pallanzo, Lago Maggiore, Italy.
Cole, F. J.	Mar. 1901 ...	Lands, Arch., Seattle, Washington, U.S.A.
Collard, Jules	July 1931 ...	Palace Gardens, Laeken, Belgium.
*Collin, H.	Nov. 1923 ...	2 Miller's Road, The Cape, Warwick.
Collins, Charles J.	April 1936 ...	Botanic Gardens, New York, U.S.A.
Collins, J.	Oct. 1910 ...	36 The Butts, Brentford.
Collins, W.	April 1919 ...	S., Clarence Park, St. Albans.
Commeau, Jean.	May 1935 ...	Chateau de St. Aguan, nr. Mouy (Oire), France.
*Conn, P. W.	Oct. 1923 ...	S., Parks & Cemeteries Dept., Coventry.
Cook, F. J.	May 1921 ...	Asst. Supt. of Parks, Port Elizabeth, C.P., South Africa.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Cook, Leslie.....	May 1929 ...	c/o., "The Fishery", Denham, Bucks.
*Coombes, G.	July 1915 ...	Knox Rd., East Aurora, N.Y., U.S.A.
Cooper, Edward, A.H.R.H.S.	Oct. 1894 ...	2 North Riding, Brickett Wood and Sander & Sons, Nurserymen, St. Albans.
*Cooper, E. C. W.	May 1925 ...	388, Hatfield Rd., St. Albans.
Cooper, T.	Sept. 1914 ...	Birmingham Parks Dept., & 92 Westminster Rd., Selly Pk., Birmingham
*Cope, Gertrude.....	Nov. 1898 ...	Pinewood Gardens, Chandler's Ford, Winchester.
*Corbett, G.	May 1920 ...	Dept. of Agric., Reduit, Mauritius.
Corbett, W.	Mar. 1925 ...	Hort. Adviser, Kent County Council, Chevril, Swanley.
Corbishley, Miss A. G.	April 1921 ...	74 Ridge Road, S. Durban, S. Africa.
Cork, Henry.....	Mar. 1893 ...	H.G., Hampton Lodge, Seale, Farnham.
Corkhill, Walter J.	June 1935 ...	Govt. Gardens, Khartoum, Sudan.
Cossum, Harry A.	Dec. 1935 ...	4, Holmwood Grove, Mill Hill, N.W.7.
Cotton, Mrs. A. D.	Aug. 1915 ...	Herbarium House, Kew, Surrey.
Cousin, George J. D.....	Dec. 1932 ...	St. Julians & Dept. of Agriculture, Malta.
*Cousins, F. G.	May 1911 ...	Supt. Parks Dept., Town Hall, Torquay.
*Coutts, John, M.B.E., V.M.H.	Aug. 1937 ...	"Lasswade," Green Meads, Westfield, Woking, Surrey.
Coutts, W.....	Feb. 1903 ...	H.G., Learney, Torphins, Aberdeenshire, N.B.
Coventry, T.....	April 1924 ...	Parks Dept., & Boggart Hole Clough, Blackley, Manchester.
Coward, E.....	July 1923 ...	Supt., Fulham Cemeteries Dept., East Sheen, S.W.14.
*Coward, E. J. H.....	Aug. 1932 ...	c/o., Town Hall, Douglas, I.O.M.
*Cowley, H.	Dec. 1907 ...	Leicestershire Agric. Soc., Castor, nr. Peterborough.
Cox, Alfred	Feb. 1885 ...	M.G., Newbury, Berks.
*Coxon, W. E.....	Aug. 1898 ...	Mile Ash Nurseries, Angmering, Sussex.
*Craig, Mrs. A. P.	July 1920 ...	"Northbank," Hort. College, Swanley, Kent.
Creasey, L. B.	Sept. 1929 ...	Nat. Bot. Gardens, Kirstenbosch, C.P., South Africa.
Creek, Ernest	Aug. 1901 ...	Hort.Inst., Shire Hall, Bury St. Edmunds.
Cressier, G. H.	May 1912 ...	9 Rue Vallier, Levallois Perret (Seine), France.
*Crosby, F.....	Dec. 1901 ...	24 Lancaster Rd., Edmonton, N.18.
Cross, George H.	July 1936 ...	Niagara Parks Commission, Niagara Falls, Ont., Canada.
Crot, W.....	Mar. 1904	
*Crouch, G. S.....	Sept. 1913 ...	The Fairseat Nurseries, Wrotham, Kent.
*Culham, A.B.	June 1910 ...	3, Cookridge Lane, Cookridge, Horsforth, Leeds.
Culver, D. R.....	June 1922 ...	81 Lr. Mortlake Rd., Richmond, Surrey.
*Cunningham, W. J. M.....	Oct. 1921 ...	8858, Osler Av., Marpole, Vancouver, B.C., Canada.
Curtis, Charles H., V.M.H., J.P.	May 1892 ...	M. Ed., "Gardener's Chronicle"; and "Brentlea," 24 Boston Rd., Brentford, Middlesex.
*Dalgarno, Fred C.....	Mar. 1902	
*Dallimore, William, I.S.O., V.M.H.	Mar. 1936 ...	"Kew Cottage", The Ridge, Bidborough, near Tunbridge Wells, Kent.
Dalziel, J. M., M.D., B.Sc....	Aug. 1931 ...	63 Park Road, Chiswick, W.4.
Dandy, J. E., M.A.	July 1927 ...	47 Manton Av., Hanwell, W.7.
*Danes, Mrs. V. M. (Miss Bell)	Aug. 1918 ...	Willowood, Church Rd., Thundersley, Essex.
Daubanton, C.	Mar. 1908	
*Davidson, Miss H. W.	May 1919 ...	Culver House, Payhembury, E. Devon.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Davidson, William	April 1896 ...	Monkhams Hall, Waltham Abbey.
Davies, Cecil.....	Jan. 1899 ...	D., Hammonton Hardy Plant Nursery, Folsom, Atlantic City, N.J., U.S.A.
Davies, Henry F.....	Feb. 1938 ...	Nat. Bot. Gardens, Kirstenbosch, Cape Town.
*Davies, Henry J.	Jan. 1894 ...	51 Forde Avenue, Bromley, Kent.
Davies, Miss R. A. (See Mrs. Bysouth).		
Davies, T. P.....	Oct. 1899 ...	H.G., Pen-myarth Pk., Crickhowell, S. Wales.
Davies, W.....	June 1912 ...	117 Maryvale Road, Bournville.
*Davis, G. A.	Nov. 1929 ...	c/o Municipal Gardens, Cape Town, Union of South Africa.
Davis, H. K.....	Sept. 1909 ...	272 Sandycombe Road, Kew, Surrey.
Davis, H. T.	Mar. 1931 ...	Parks Dept., Bath, Somerset.
*Davis, Mrs J. O. D. (Miss Rudolf)	Mar. 1922 ...	25, Kenneth Cres., Willesden Green, N.W. 2.
*Davy, E. W., M.B.E.	Dec. 1905 ...	The Chalet, New Rd., Teignmouth, Devon.
*Davy, J. Burt, Ph.D., F.R.G.S., F.L.S.	Sept. 1892 ...	Lecturer in Tropical Forest Botany, Im- perial Forestry Institute, Oxford.
*Dawe, M.T., O.B.E., F.L.S....	Sept. 1902 ...	Director of Agriculture, Palestine.
Dean, George	Oct. 1937 ...	Parks Dept., Burnley, Lancs.
Dean, Ralph E.....	Mar. 1936 ...	Royal Botanic Garden, Port-of-Spain, Trinidad, B.W.I.
*Dear, G.....	Dec. 1922 ...	4 Church Walk, Upper Butts, Brentford, Middlesex.
Dearling, William.....	April 1891 ...	Sussex Farm, Oakey, Queensland.
Debot, M.	May 1903 ...	372 Chaussee d'Helmet, Schaerbech, Brussels.
*Derry, Robert	Nov. 1883 ...	14 Lion Gate Gdns., Richmond, Surrey.
Derwael, F. L. G.	June 1910 ...	Inspector of Public Gardens, Antwerp.
De Troyer, Ch. L.....	Aug. 1924 ...	D., Grand Etablissement Horticole de Wolverthem lez Bruxelles, Belgium.
Dines, J. H.	Sept. 1908 ...	H.G., Downside, Leatherhead.
Dixon, James	April 1909 ...	c/o Messrs. Bees, Sealand Nurs., Chester.
Dixon, Wm.		H. G., Warsley Park, nr. Sandy, Beds.
Dodd, E. S.	Jan. 1910 ...	c/o Mrs. Wagstaff, Tuxedo Park, N.Y., U.S.A.
Dodd, W. G.....	Mar. 1908 ...	Cherry Lane Cottage, Kimley, Dudley.
Dollman, Miss R.....	June 1907 ...	Hove House, Bedford Park, Chiswick London, W.4.
Donaldson, R. H.....	Dec. 1906 ...	P. O., Cannington, Western Australia.
Donnelly, E. J.	Sept. 1931 ...	c/o 152 Herbert Rd., Plumstead, S.E.18
Douglas, John	Mar. 1934 ...	Parks Dept., Clacton-on-Sea.
*Down, W. J.	Sept. 1917 ...	H.G., 14 Hazelwood Av., Murryatville, Adelaide, S. Australia.
*Downer, H. E.	Mar. 1912 ...	H.G., Vassar Coll., Poughkeepsie, N.Y., U.S.A.
*Downes, E. J.....	Oct. 1920 ...	Horticulturist, Dept. Agric., Jamaica, B.W.I.
Downes, William F.....	June 1935 ...	Parks Department, Coventry.
*Draper, Walter.....	July 1892	
*Drew, Miss D. E.....	Mar. 1922 ...	51 Petty France, Buckingham Gate, S.W.
Drummond, R. A.	May 1926 ...	North of Scotland Agric. College, Aber- deen, N.B.
Dufton, L.....	Aug. 1926 ...	c/o Kelways Ltd., Langport, Somerset.
Duke, Miss M. M. (See Mrs. Wallis)		
Dumke, George P.W.	June 1935 ...	Botanic Gardens, Berlin-Dahlem, Germany.
*Duncan, J. G.	Mar. 1901 ...	Parks Dept., Port Elizabeth, S. Africa.
Dunk, W., D.C.M.	Sept. 1909 ...	Supt. Gardener, Works Dept., Maryle- bone Borough Council, N.W.1.
Durchanek, I.....	May 1927 ...	c/o Mrs. J. Whiting, N. Uxbridge, Mass., U.S.A.
Duval, Raoul	Oct. 1901 ...	Buisson Hocpin, Evreux (Eure), France.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Dyer, R. A., D.Sc.	June 1934 ...	Botanist, Div. of Plant Industry, Pretoria, S. Africa.
*Dyson, William.....	Jan. 1899	
Eady, G. H.	June 1912 ...	"Aburi," Clyffe, Dorchester, Dorset.
*Eavis, Harry.....	Mar. 1902 ...	H.G., Fir Cottage, Hazel Grove, Hind- head, Surrey.
Edmondson, S.....	Aug. 1933 ...	Supt., Parks Dept., Macclesfield.
Edwards, Alex	Nov. 1930 ...	Supt., Parks Dept., Salford.
Eichhorst, Martin	June 1936 ...	Botanic Gardens, Berlin, Germany
Elder, John	May 1902 ...	Chatlapore Tea Estate, Shamsbernager, P.O., South Sylhet, India.
*Ellings, William	Oct. 1909 ...	Supt., Mrs. W. G. Loew's Estate, Tuxedo Park, N.Y., U.S.A.
*Elliot, J. A.	Nov. 1905 ...	Allynugger Tea Co., S. Sylhet, India.
*Ellis, Miss C. F. (See Mrs. Somers).		
*Ellis, J.	Feb. 1915 ...	745 Washington St., Wellesley, Mass., U.S.A.
Elphick, George G.	Dec. 1934 ...	Parks Department, Northampton.
*Elson, Alec. S.....	Feb. 1936 ...	The Bahrein Petroleum Co., Bahrein Island, Persian Gulf.
*Endres, H. W.	May 1912 ...	c/o Westover Nursery Co., Clayton, St. Louis, Missouri, U.S.A.
England, J. W.....	Jan. 1928 ...	2, River Street, Myddleton Square, Finsbury, E.C.1.
English, Robert J.....	Oct. 1932 ...	Raphael Park, Romford, Essex.
Epps, H. W.	Jan. 1911 ...	Blunt House Gardens, Oxted, Surrey
*Epps, Miss L.	April 1919 ...	40A, Sedgmore Av., East Finchley, N.2.
Eul, Frank H.	Feb. 1935 ...	Parks Department, Stanley Park, Blackpool.
Evans, Alfred E.	Oct. 1901 ...	"Devona," 520 Portland Rd., Hove, W. Sussex.
*Evans, W. N.	June 1914 ...	174 Boothferry Road, Hull.
*Everett, T. H., N.D.H.....	June 1927 ...	Horticulturist, New York, B.G., U.S.A.
Everett, Walter E.	Aug. 1936 ...	c/o Messrs. Sanders, Orchid Nurseries, St. Albans, Herts.
*Everitt, Walter	Dec. 1928 ...	C., Municipal Gdns., Queenstown, S.A.
Eves, J. W.	Mar. 1904 ...	14 Park Mount, Kirkstall, Leeds.
Farley, George	Nov. 1932 ...	Govt. Gardens, Guindy, Madras.
Farmer Jas. E.	Nov. 1928 ...	Broomfield Park, Palmers Green, N 13.
Farr, B. E.....	Oct. 1923 ...	Bagot, Jersey, C.I.
Feltham, Edward.....	Dec. 1909 ...	Kingsley, Milldown Rd., Goring-on- Thames.
Field, F. W.	May 1909	
Finch, Mrs. E. G. (Wareham)	Aug. 1920 ...	c/o P.O., Fort Jameson, Rhodesia.
Findlay, Robert	Mar. 1929 ...	Exbury House Gdns., Southampton.
Finkelmann, Robert	Dec. 1888 ...	c/o H. Mette, Quedlinburg, Germany.
Fischer, Joseph.....	April 1902 ...	N., Monumentenstr. 29, Berlin, S.W.
Fisher, Joseph	Feb. 1937 ...	286, Holdenhurst Rd., Bournemouth.
*Fishlock, W. C.....	Oct. 1900 ...	19 South View Av., Caversham, Reading.
*Flack, Mrs. C. L. (Miss J. Mash).	Jan. 1919 ...	989 Corydon Avenue, Winnipeg, Canada.
*Flippance, F.	July 1915 ...	Supt., Bot. and Forestry Dept., Hong Kong.
Flitters, N. E.	June 1930 ...	Ess Kay Farm, East Aurora, N.Y., U.S.A.
*Flossfeder, F.	May 1904 ...	380 Eddy St., San Francisco, Cal., U.S.A.
Floto, Ernst V.....	Mar. 1928 ...	University B.G., Copenhagen, Denmark.
*Flowers, Alfred.....	June 1902 ...	Florist, East Hanover, New Jersey, U.S.A.
Flynn, G. O.....	Mar. 1924 ...	Residential School, Fir Tree Road, Banstead, Surrey.
Folk, Frank	Dec. 1932 ...	c/o Hammersmith Hospital, Ducane Rd., W.12.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Forbes, George.....	Mar. 1873 ...	Daphne Cottage, Orchard Rd., Burpham, Guildford.
*Ford, G. W. J.....	June 1927 ...	Longwood, Kennett Sq., Pa., U.S.A.
Fordham, Alfred J.	June 1937 ...	Arnold Arboretum, Harvard University, Jamaica Plain, Mass., U.S.A.
Fossum, M. Truman	May 1936 ...	Botanic Gardens, New York, U.S.A.
Foster, J. T.	Dec. 1908 ...	Australia.
*Fothergill, G. H.	Jan. 1921 ...	Asst. M., Cinchona Plantations, Munson, Kalimpong, India.
Fowell, Edmund.....	May 1887 ...	H.G., Chiswick, Ocean St., Woolahra, Sydney, N.S.W.
Fowler, James M.....	June 1886	
Frank, Henri.....	Sept. 1893 ...	D., B.G., Jaysinia, Samoens, Switzerland.
Frankland, Arthur	April 1897 ...	N., 46 King Cross, Halifax.
Franklin, Walter	Nov. 1926 ...	Parks Dept., Southend, Essex.
Freda, Miss A. B.	May 1919	Box 214, Chester, Nova Scotia, Canada.
*Free, M.....	Mar. 1912 ...	1000 Washington Av., Brooklyn, N.Y., U.S.A.
Freeman, Guy W. G.	June 1936 ...	Knap Hill Nursery Ltd., Knap Hill, Woking, Surrey.
French, F. W. Prosser	June 1891 ...	Acct. and Compt. Gen. Dept., Somerset House, Strand, W.C.2.
French, H.	Nov. 1894 ...	4, Jacey Rd., Shirley, Warwickshire.
*Fry, W. G., N.D.H.....	Sept. 1926 ...	c/o Min. Agriculture & Fisheries, 10, Whitehall Place, S.W.1.
*Fyfe, R.	Mar. 1908	
Gagge, A. P.	July 1903	
Gagge, Mrs. A. P. (Smith)...	July 1903	
Gale, Ernest W. B., N.D.H.	Dec. 1932 ...	Parks Dept., and The Lodge, Manor House Gardens, Southall, Middx.
*Gammon, F.	April 1907 ...	Gloucester Rd., Newbury, Berks.
Gardiner, G. F.....	Oct. 1912 ...	University Gardens, Bristol.
Gardiner, H. J.....	Feb. 1922	
Gardner, A.	Mar. 1905	
Gardner, H. G.....	June 1905 ...	Winona, Ontario, Canada.
*Gardner, L. W.....	May 1913 ...	Pangwi, Fort Jameson, N.E. Rhodesia.
Garnett, Miss R. (See Mrs. Nickalls)		
Garnett, Miss O. R.	Mar. 1912 ...	Orchard End, East Hendred, Wantage, Berks.
*Gaut, R. C., M.Sc., N.D.A....	May 1898 ...	Agric. Adv., County Education Office, 37 Foregate St., Worcester.
*Gentil, Louis.....	Sept. 1897 ...	Curator, State Botanic Garden, Brussels, Belgium. (Editor, "La Tribune, Horticole.")
Gevelers, Joseph	Mar. 1901 ...	Ferrieres en Brie, Seine et Marne, France.
*Gibbins, C. B.	Dec. 1934 ...	Asst. Agric., Coffee Experimental Sta., Lyamungu, Moshi, Tanganyika Terr.
Gibson, George.....	Feb. 1900	
*Gibson, J. O. E.	June 1902 ...	N., Larkland Nurseries, Ilkeston, Derbyshire.
Gilbert, John.....	Jan. 1875 ...	14 York Terrace, Cheam, Surrey.
Gill, B.	Oct. 1923 ...	Kenrick House, Penryn, Cornwall.
*Gill, Richard E.	Feb. 1901 ...	N., 14 Market St., Falmouth, Cornwall.
Gill, Robert	July 1909 ...	19 Grena Rd., Richmond, Surrey.
Ginkel, Cornelius van	Aug. 1934 ...	Reynier Vinkeleskade No. 43, Amsterdam (Z), Holland.
Girdham, C. G.....	Feb. 1901 ...	Avondale, Cecil Rd., Hale, Cheshire.
Glasheen, J. L.....	Feb. 1935 ...	Asst. Supt., Parks Dept., Richmond, Surrey.
*Glover, F.	June 1914 ...	"St. Catherine," Gilbert Road, Cambridge.
Godard, Gaston	Nov. 1902 ...	France.
*Godfrey, W. F.....	April 1921 ...	N., 37 Canterbury Rd., Whitstable, Kent.
*Godseff, Eric G.	Sept. 1928 ...	Parks Dept., Birkenhead.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Godseff, Leo. G.	Mar. 1901 ...	Chief Supt. of Cemeteries, Liverpool; & Woolton Rd., Garston, Liverpool.
Godson, H. K. A.	June 1926	
*Goëmans, H. J.	Feb. 1890 ...	Wilhelmina Str. 2, E., The Hague, Holland.
*Goldring, Fred	Feb. 1879 ...	N., Slingerlands, Albany, N.Y., U.S.A.
*Goldsack, Francis G. A., N.D.H.	Aug. 1937 ...	Hort. Instr., Wimbledon Borough Coun- cil, and at 36, Ripley Gardens, Mortlake, S.W.14.
Goldsmid, J. E.	Sept. 1931 ...	53, Norfolk Road, Maidenhead, Berks.
Goldsmith, M. C.	Sept. 1927	
Goodrich, W. J.	Dec. 1911 ...	5 Kew Bridge Road, Brentford.
Gordon, J. D.	May 1932 ...	Botanic Gardens, Glasgow.
*Gossweiler, John, F.L.S.	Sept. 1898 ...	D., B. Gdns., Angola, Port. West Africa.
Gough, G. E.	Sept. 1934 ...	Parks Department, Ilford, Essex.
*Gould, A. R.	Aug. 1910 ...	Lands Arch., 839 Laurel Avenue, Bur- lingame, California, U.S.A.
Grant, J. G.	Mar. 1928 ...	Tynley Hall, Rotherwick, Basingstoke, Hants.
Grant, Miss N.	Sept. 1917 ...	The W.F.G.A. Club, 29 Park Rd., Upper Baker Street, London, N.W.1.
Grant, Wm.	Mar. 1937 ...	Parks Department, Stockport.
Gray, Patrick J.	Dec. 1897 ...	Hort. Inst., 11 Rutland Square, Dublin.
*Gray, W.	April 1910 ...	Rake Manor Gardens, Milford, Surrey.
*Green, Albert	Nov. 1885 ...	Margaret St., Lower Macedon, Victoria.
*Green, Harold	Jan. 1911 ...	c/o., 13 Clarence Rd., Kew Gardens.
*Green, Henry F.	Mar. 1900	
Green, James	Feb. 1895 ...	Trelissick, Truro, Cornwall.
Greening, L.	Dec. 1908 ...	6 Park Hill, Richmond Hill, Surrey.
Greenough, J. C.	June 1926 ...	Garden Dept., University of Alberta. Edmonton, Canada.
*Greenway, P. J. F.L.S.	Oct. 1925 ...	Agric. Res. Inst., Amani, Tanganyika
Gregory, C. R., N.D.H.	Mar. 1925 ...	8, Bryn Gwyn, Caerphilly, Mon.
*Gribble, John J.	April 1895 ...	Florist, Taroveor Rd., Penzance, Cornwall.
*Grindley, William	June 1898 ...	H.G., 6 Fullwell Park, Liverpool.
*Grinham, F. B.	Oct. 1916 ...	Hort. Officer, I.W.G.C., 40 Rue Mar- cellin Berthelot, Bethune, P. de C., France.
Groombridge, Amos.	April 1889 ...	Supt., Open Spaces, Shoreditch Borough Council.
*Grout, G.	July 1920 ...	Chisime Estate, Fort Jameson, Rhodesia.
Groves, Gordon R.	Oct. 1937 ...	Dept. of Agriculture, Paget East, Bermuda.
Grundy, R.	Jan. 1906 ...	Propagator, Parks Dept., Swansea.
*Gullick, W. F.	July 1898 ...	N., Waterloo Nursery, Salisbury.
Gulvin, Miss Annie M. (See Mrs. Turner).		
Gunn, A. Findlay	Sept. 1932 ...	Supt., Parks & Town Attractions, Randfontein, S. A.
*Gunnell, Miss Edna M.	Sept. 1901 ...	Hort. Inst., 1 Richmond Road, Exeter.
Gunthorpe, Walter C.	Feb. 1888 ...	H.G. Gt. Meadow, Castletown, Is. of Man.
Guttridge, James J., A.H.R.H.S.	April 1891 ...	Burwood, 87 Woodlands Road, Liver- pool, 17.
*Hackett, W.	May 1906 ...	Gorsefield, Grange, West Kirby, Ches're.
Halik, R.	April 1931 ...	Charles Univ., Prague, Czecho-Slovakia.
*Halkerston, D.	Feb. 1918 ...	Tresco Bulb Gardens, Isles of Scilly, Cornwall.
*Halkerston, Mrs. D. (Kermode)	Oct. 1918 ...	Tresco Bulb Gardens, Isles of Scilly, Cornwall.
Hall, F. W.	April 1920 ...	Agric. Supt., Dept. of Agric., Bathurst, Gambia.
Hall, Harry	July 1933 ...	Claremont Lodge, Alexandra Park, Manchester.
*Hall, John A.	Sept. 1883	
*Halliburton, J. D.	Nov. 1905 ...	Chitley Place, Liphook, Hants.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
*Hammarberg, Lars M.....	May 1896 ...	Gotgatan 111, Stockholm, Sweden.
Hammarberg, O. M.....	May 1932 ...	Gotgatan 111, Stockholm, Sweden.
Hampton, Miss C. H., F.I.P.S.	Mar. 1926 ...	Min. Agric. and Fisheries, 10 Whitehall Place, S.W.1.
Hampton, Miss Nesta (see Mrs. Beale).		
Hands, R. B.....	Jan. 1926 ...	The University, Edgbaston, Birmingham.
*Hansen, C. Bekker	Aug. 1916 ...	c/o Société du Nadal, Quelimane, Portu- guese East Africa.
*Hansen, Julius.....	Sept. 1887 ...	N., Pinneberg, near Hamburg.
Hansen, M.	April 1911	
Harborne, B. W.	Nov. 1923 ...	c/o Wood & Sons, Taplow, Bucks, and 28, Overdale, Dorking, Surrey.
*Harcourt, F. G., M.B.E.....	July 1920 ...	Supt., Dept. of Agric., Dominica, B.W.I.
Hardie, A.....	Feb. 1909 ...	Supt., Lawrence Gdns., Lahore, India.
Hardman, Robert E.	July 1935 ...	c/o., Municipal Parks, Bulawayo, S. Rhodesia.
*Hardy, William B., J.P.....	April 1894 ...	Blackbridge, Lower Hutt, Wellington, N.Z.
Harper, A. E.	Oct. 1933 ...	c/o., City Forester, Alma Vale Road, Clifton, Bristol.
*Harper, Miss E. M.	April 1920	
Harper, Miss K. M. (See Mrs. Bintner).		
*Harris, C. H.....	May 1912 ...	"Selsey Arms" Inn, Coolham, near Horsham, Sussex.
*Harris, George	May 1874 ...	Pilton Gdns., Westerhope, Newcastle-on- Tyne.
*Harris, Jas. E.	Dec. 1899 ...	N., Blackpill Nurseries, Swansea.
Harris, Thomas J.	Sept. 1896 ...	
*Harrow, Robert L., V.M.H.	Jan. 1893 ...	R.H.S. Gardens, Wisley, Ripley, Surrey.
Hart, Miss R.	Dec. 1917 ...	Woodside, Howth, Ireland.
*Hartless, Amos C.....	Mar. 1889 ...	Labdah, Ken Rd., Southbourne, Bourne- mouth.
*Hartless, A. J.....	June 1905 ...	"Pelmont", High View, Pirton Road, Hitchin, Herts.
*Harvey, Miss V. M. H.....	Dec. 1917 ...	26 Leybourne Park, Kew Gardens.
*Harwood, A.....	Jan. 1903 ...	Tottingworth Park, Heathfield, Sussex.
*Haspels, D.	Oct. 1916 ...	Holland.
Hawkins, F.	July 1923 ...	"Semmercote," Eden Lane, Gainford, Co. Durham.
Hawley, Miss D. M.	Aug. 1916 ...	Leicester Grange, Hinckley, Leicester.
*Hayes, R. R., M.C.....	Aug. 1916 ...	Heathfield, Ambleside, Cumberland.
*Hayes, T. R., M.Sc. (Tech.)...	Nov. 1925	
*Hazel, C.	Nov. 1919 ...	Govt. Plantations, Bukalasa, P.O. Bombo, Uganda.
*Head, W.	Aug. 1906 ...	Ophir House, Wiveliscombe, Som.
Heald, Ernest	April 1900 ...	Box 806, Medicine Hat, Alberta, Canada.
Heath, F. A.	Mar. 1901 ...	115 Grange Road, S. Norwood, S.E.25.
*Hecke, George Heinrich	Aug. 1890 ...	Woodland, California, U.S.A.
*Hemming, Ernest.....	May 1891 ...	Eastern Shore Nurseries Inc., Easton, Maryland, U.S.A.
*Henderson, Henry	May 1904	
Hendon, L. C.	July 1928 ...	7A Central Parade, Station Rd., West Wickham.
Heppell, Joseph	May 1937 ...	East Moor School, Adel, Leeds, 6.
Hewitson, E.....	Jan. 1931 ...	S., Parks Dept., Fleetwood, Lancs.
Hibbert, John R.....	June 1935 ...	Parks Department, St. James' Church- yard, Bermondsey, S.E.
*Hibbins, W. R.....	Oct. 1916 ...	The Cottage, Southorpe, Stamford, Lincs.
Hiatt, E. P.		
*Higgott, O. F. A.....	Mar. 1919 ...	15 Clinton Place, Suffern, N.Y., U.S.A.
Hildyard, H. C.....	Jan. 1930 ...	Buile Hill Park, Salford, Lancs.
Hill, G. W.....	June 1925 ...	The Gardens, Cherry Hinton Hall, Cambridge.
Hillier, Miss C. (See Mrs. Whibley).		
Hillier, G.	Nov. 1915	

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
*Hislop, Alexander	June 1902 ...	Memorial Hospital, Bulawayo, Rhodesia.
Hoare, G. L.	Aug. 1930 ...	Westlands, South Hill Av., Harrow.
Hobbs, Cecil	Jan. 1909	
Hockley, W. A.	Feb. 1925 ...	Parks and Open Spaces, and 27, The Drive, Chingford, Essex.
Hogg, Robert D.	Aug. 1937 ...	Mogosoea, Iloof, Roumania.
*Holden, A.	May 1914 ...	Townsend, Merriott, Som.
*Holland, J. H., F.L.S.	Oct. 1934 ...	40, Carbery Avenue, Ealing, W. 3.
*Holloway, H. M.	July 1930 ...	Windhoek, South-West Africa.
Holtom, F.	Mar. 1907 ...	Canada.
Holman, J. E.	Mar. 1933 ...	The Cottage, Kew Palace, Kew.
*Hoogstad, B. M. E. Silvergieter	Aug. 1934 ...	130 Hart Nibbrigkade, Den Haag, Holland.
Hooper, Ernest G.	Oct. 1936 ...	Parks Department, Torquay.
Hopkins, A. G.	Dec. 1929 ...	Brickworth Park, Salisbury.
*Hopkins, A. J.	Nov. 1926 ...	Warling Dean, Esher, Surrey.
Hopkins, James	Nov. 1870 ...	H.G., High Cross, Framfield, Sussex.
*Hopper, E.	July 1925 ...	Weston, near Leamington Spa.
Horsfall, James H.	Sept. 1883 ...	c/o J. Mortiss, Esq., Gt. Thorn Street, Paddington, N.S.W.
Horton, D. E.	Sept. 1928	
*Horton, O.	Feb. 1903 ...	H. G., Calderstone Park, Allerton, Liverpool.
Housego, Maurice.	May 1902 ...	68 Abingdon Villas, Kensington, W.8.
Houten, A. W. van der	Aug. 1919 ...	Director of Parks, Cape Town, S.A.
Howell, W.	Feb. 1925 ...	13 Sidney Road, Beckenham, Kent.
*Howlett, Charles	Nov. 1894 ...	Nurseryman, Parrys, O.F.S., South Africa.
Hubbard, George.	April 1892	
Hughes, A.	Oct. 1904	
Hughes, E. A.	Jan. 1921 ...	Supt., Govt. Gdns., Lahore, India.
Hume-Spry, Miss P. C. (See Mrs. Trench).		
Hunt, Robert	Nov. 1897 ...	Bot. Scheme Offices, Avery Hill, S.E.9.
Hunt, H. J.	Feb. 1932 ...	3, Spittalbrook, Hoddesdon, Herts.
*Hunter, T.	Oct. 1911 ...	"St. Winifred's," London Rd., Chippingham.
*Hunter, W. G.	May 1920 ...	"Ye Cliffe," Happisburgh, Norfolk.
*Hutchings, Miss A.	Jan. 1917 ...	"Spindles," St. Leonard's Rd., Deal.
Hutchings, Miss Alice (See Mrs. Patterson).		
*Hutchinson, H.	Mar. 1913 ...	River Oaks Corporation, Houston, Texas, U.S.A.
Hyland, George A.	Sept 1935 ...	Parks Dept., Manchester.
*Ibbett, W. C., N.D.H.	Sept. 1927 ...	Hort. Correspondence College, Kennington, nr. Ashford, Kent.
*Illman, G. F.	Sept. 1912 ...	Kenya Coffee Works, Kahawa P.O., Kenya Colony
*Ing, W. J.	July 1905 ...	c/o R. H. Macey & Co., Garden Dept., Broadway and 34th St., New York City, U.S.A.
*Ingleby, Fred J.	Feb. 1891 ...	c/o Mrs. Sherwood, "Sunrising," Thearn Lane, Woodmansey, E. Yorks.
Ivey, Arthur W. J.	Nov. 1935 ...	Parks Dept., Coventry.
Jackson, P. C. E.	April 1915 ...	36 Cowdray Road, Southport.
Jackson, Robert M.	Oct. 1893 ...	F., Glynllivon Park, Carnarvon.
Jackson, T.	July 1905 ...	Agric. Supt., Bot. Station, St. Vincent, B.W.I.
Jacobs, Miss A.	Feb. 1918 ...	Flat 15, 27, Petherton Rd., London, N.5.
James, Eric B.	Mar. 1936 ...	Inner Temple Gardens, London, E.C. 4.
*Jarman, Hedley H.	Mar. 1930 ...	"Glenside," Ridgewood, Uckfield, Sussex.
*Jarrett, J. C., N.D.H.	April 1913 ...	61, Devonshire Rd., Weston-super-Mare.
Jefferey, John	Mar. 1902 ...	H.G., Idlerocks, near Stone, Staffs.
Jefferiss, Adrian	Aug. 1937 ...	The University, Reading.
*Jeffrey, J. F.	Jan. 1893 ...	Laneside, Shipham, Winscombe, Som.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Jelinek, B.....	June 1912 ...	Institution, "Svetla," Gross Meriritsh, Moravia (Austria).
*Jennings, A. J.....	Mar. 1912 ...	c/o F. & F. Nurseries, Springfield, New Jersey, U.S.A.
*Jennings, W. J.....	Sept. 1898 ...	H.G., Napsbury Asylum, St. Albans.
Jensen, A. L. G.	Feb. 1925 ...	c/o Jensen and Milne, Finchley Lane, Hendon.
*Jensen, L.	May 1908 ...	Villa Lydstep, Svendborgoejen, Taaborg Tyen, Denmark.
Jesson, Miss E. M. (<i>See Mrs. Cotton</i>).		
Jirasek, H.....	Jan. 1912 ...	Jardin des Plantes, Paris.
Johansson, Eric G.	Sept. 1928 ...	Box 48, Tannefors, Sweden.
*Johns, W. H., N.D.H.	Oct. 1909 ...	Supt., Public Gdns., St. James' Churchyard, Bermondsey, S.E.16.
*Johnson, G. C.	Oct. 1914 ...	County Hall, Lewes, Sussex.
Johnson, J. T.	Oct. 1904 ...	c/o Miss Pressdee, 9, Grove Crescent, Bromyard Rd., St. Johns, Worcester.
Johnson, W. H., F.L.S.....	Jan. 1898	
Jollie, Francis J. E.	April 1937 ...	David St., Westown, New Plymouth, N.Z.
*Jones, C.	Aug. 1923 ...	The Chesters, Little Widbury, Ware, Herts.
Jones, C. H.....	Sept. 1930 ...	Kowhai Nurs., St. Martins, Christchurch, New Zealand.
Jones, Charles S.	Dec. 1893 ...	H.G., Oxford Lodge, Wimbledon Common.
Jones, F. A.	Sept. 1909	
Jones, George	Feb. 1892 ...	"Lamorna," Warfield St., Bracknell, Berks.
*Jones, J. Dyfri.....	June 1900 ...	8 Acacia Rd., Bournville, Birmingham
*Joshua, Miss L., N.D.H.	Oct. 1918 ...	59 Langbourne Mansions, N.6.
*Joy, Mrs. A. E. C.	Nov. 1922 ...	"Birchfield," Alton Road, Roehampton, S.W.15.
(Miss A. E. C. Warner)		
Joy, Charles A.	July 1937 ...	c/o., Raglan Investment Trust, King's Court, Wembley Park, Middx.
Joyce, Randall.....	April 1910 ...	23 Borland Rd., Newlands, Peckham, S.E.15.
Joyce, R. I.	April 1908 ...	King's Acre Nurseries, Hereford.
*Judd, W. H.	July 1913 ...	Arn. Arb.; and 19 May St., Jamaica Plain, Mass, U.S.A.
Junod, Samuel.....	Dec. 1896	
*Juul, T.	June 1917 ...	Bregentved, Haslev Station, Denmark.
Karrer, S.	Aug. 1902 ...	Weimarischestr 32, Erfurt, Germany.
Keith, Robert H.....	Aug. 1937 ...	67 Glencairn Av., Toronto, Ont., Canada.
Kemp, Ernest.....	July 1898	
Kemp, H. W.	April 1926 ...	The Gardens, Easton Hall, Scantham, Lincs.
Kennelly, A. G.	Jan. 1935 ...	c/o New Zealand House, Strand, London W.C.
*Kermode, Miss D. (<i>See Mrs. Halkerston</i>).		
Key, E.	Jan. 1905 ...	Home for Disabled Ex-Soldiers, Putney, S.W.
*Keys, A.....	July 1919 ...	Plant Intro. Garden, Chapman Field, Coconut Grove, Flo. U.S.A.
Kidd, Mrs. Franklin (Owen)	Sept. 1918 ...	54 De Freville Avenue, Cambridge.
Kidley, A. W.	Feb. 1907 ...	The Gardens, Warleigh Manor, Bath.
Killick, E. H.	Mar. 1923 ...	Burrows Lea Gdns., Shere, nr. Guildford.
Kime, Arthur	Feb. 1889 ...	N. & F., Stopsley Nursery, nr. Luton
King, A. G.	June 1912	
Kinmont, D. B.	Feb. 1911 ...	5 Cuthbert Rd., Westgate-on-Sea.
Klaaborg, H. J.....	Sept. 1913 ...	Gartneriet Langdallund, Kolding, Denmark.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Klein, F. A.	Feb. 1908 ...	24 Osterholz Tenever, Post Hemelinger, Bremen.
Knight, F. P.	July 1929 ...	M., Knap Hill Nurseries, Woking, Surrey
Koepp, Karl H. F.	Mar. 1936 ...	Botanic Garden, Berlin-Dahlem, Germany.
*Koepe, P.	Mar. 1904 ...	Ronsdorf a/Rhein, Germany.
Koning, T. H.	Aug. 1936 ...	57, Woltersweg, Hengelo (O)), Holland,
Korn, Wm.	Sept. 1929 ...	Institute of Botany, Botanic Gardens, Leningrad 22, C.C.C.P.
*Krumbiegel, Gustav H.	Mar. 1893 ...	"Devonshire House," Residency Rd., Bangalore, Mysore, India.
Kundig, J.	June 1914	
Lagorio, Eugenio	Feb. 1938 ...	La Mortola, Ventimiglia, Italy.
Lake, Ernest.	April 1933 ...	Middlesex Education Committee, and 36, Gledwood Crescent, Hayes.
*Lamb, George	Nov. 1891 ...	N., "Memleket," Hextable, Kent.
*Lambert, J.	June 1907 ...	Morris Arboretum, University of Pennsylvania, Chestnut Hill, Philadelphia, Pa., U.S.A.
Lamberton, W., N.D.H.	Sept. 1925 ...	S.E. Agricultural College, Wye, Kent.
*Lambourne, J.	Mar. 1912 ...	c/o Dept. of Agriculture, Kuala Lumpur, F.M.S.
Lancaster, A. P.	Oct. 1936 ...	5, Belvedere Rd., Alipore, Calcutta, Bengal, India.
Landau, Miss M.	July 1919 ...	Przejazd, 36 Lodz, Poland.
*Lange, Axel	July 1896 ...	Curator, Bot. Gardens, Copenhagen.
*Lange, Jacob E.	Dec. 1886 ...	Dalum Landbrugsskole, Odense, Denmark.
Langham, Harvey G.	Dec. 1937 ...	c/o., 72 Martyrs' Field Rd., Canterbury, Kent.
Larsen, Georges H.	July 1936 ...	42, Rue F. Villon, Auvers-sur-Oise, S. et O., France.
Lassoe, T. V.	Oct. 1913 ...	c/o Mr. E. F. Hawes, Fortune Green, N.W.6.
Latten, W. A.	Mar. 1922	
*Lavender, W. L.	Mar. 1901 ...	Carters' Seed Trial Grounds, Raynes Park, Surrey; & 29 Grena Rd., Richmond.
Lawford, Miss D. M. (See Mrs. Smeeton).		
Lawrence, W. J. C., F.L.S. ...	July 1924 ...	Curator, John Innes Hort. Inst., Merton.
*Lawson, J.	May 1927 ...	The Nurseries, State Electricity Comm., Yallourn, Victoria, Australia.
*Lazenby, F.	Jan. 1900 ...	C., Harvard B.G., Cambridge, Mass., U.S.A.
Leach, R. O.	Sept. 1909 ...	British Columbia.
Lebrun, B.	Mar. 1880 ...	c/o A. Lebrun, Dinant, Belgium.
Lee, J.	Dec. 1931 ...	96, Watling St., Brownhills, nr. Walsall.
*Lee, L. A.	April 1931 ...	Citrus Experimental Station, P.O. Mazoe, S. Rhodesia.
*Lees, Mrs. S. T. (Miss Burrell)	Mar. 1922 ...	Jendens, Shipley, Horsham, Sussex.
Leigh, Dennis H.	April 1933 ...	Dunedin B.G., New Zealand.
Leigh F. G. R.	May 1894 ...	Lagos, W. Africa.
Leith, G. J.	Mar. 1937 ...	Open Spaces Dept., c/o Town Hall, Paddington, W.1.
Leps, Waldemar,	Mar. 1934 ...	Unter den Eichen 117, Berlin-Lichtenfelde Germany.
*Leslie, J. Erskine	Feb. 1902 ...	The Dowans, Aberlour - on - Spey Scotland.
*Leslie, William.	Jan. 1899 ...	92 Stephen Street, Toowoomba, Queensland,
Lesser, Paul	Nov. 1892 ...	N., Beddington Hse. Nur., Beddington, Surrey.
*Lèvequ�, L. Jean.	Dec. 1898	
Lewis, John.	April 1936 ...	c/o., Messrs. Duncan & Davies, New Plymouth, New Zealand.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
*Lines, Miss I. L.	Aug. 1920 ...	28 Queen's Road, Richmond, Surrey.
*Linney, Albert	June 1894	
*Little, E., I.S.O.	Nov. 1905 ...	Supt., Govt. House, Ganeshkhind, Kirkee, India.
Little, C.	June 1910 ...	Reserves Dept., Christchurch, N.Z.
*Little, Lt.-Col. W. B., D.S.O., M.C.	July 1908 ...	Rural Industries Bureau, 26, Eccleston Street, S.W.1.
*Lloyd, H. B.	Mar. 1898 ...	Kelowna, Okagan Dist., B. Columbia.
*Lock, Jas. H.	Oct. 1927 ...	Platt Fields Park & 25, Lancaster Rd., Fallowfield, Manchester.
*Locke, R. H., O.B.E.	July 1904 ...	Supt., Govt. Gardens, Delhi, India.
*Logsdail, A. J., B.Sc.	July 1907 ...	Div. of Hort., Cent. Expt. Farm, Ottawa, Canada.
Lomas, T.	Nov. 1931 ...	Parks Dept., Carshalton, Surrey.
*Long, Ernest	Nov 1902 ...	Hon. Curator, Overbeck Mus. & Bot. Garden, Sharpitor National Trust, Salcombe, S. Devon.
*Long, F. R., A.H.R.H.S. ...	April 1908 ...	Supt. of Parks, Port Elizabeth, South Africa.
Longhurst, W. A.	May 1926 ...	Conyboro Gdns., Lewes, Sussex.
Longmire, F. J.	June 1906 ...	22 Christchurch Rd., East Sheen, S.W.14.
Lorenzi, O.	Nov. 1930 ...	La Mortola, Ventimiglia, Italy.
Luff, C. E. E.	Oct. 1925 ...	c/o., Messrs. Cheal & Sons, Crawley, Sy.
*Luja, Edward	July 1898 ...	16 Rue de l'Arsenal, Luxembourg.
*Lynch, R. S.	Aug. 1914 ...	Dartington Hall Estate, Totnes, S. Devon.
*Macintyre, Miss M.	Aug. 1916 ...	Mackenzie Lodge, Fortrose, Ross-shire.
Mack, F. C.	Feb. 1904 ...	Supt., Streatham Common; 5 Hawk-hurst Rd., Streatham Vale, S.W.16.
Mackanness, Francis G.	April 1936 ...	Botanic Gardens, New York, U.S.A.
Mackay, A.	July 1904 ...	H.G., Duke of York's R.M. Schools, Dover.
Mackay, John	Jan. 1901 ...	The Hill, Wormley, Surrey.
Mackenzie, John G. C.	Sept. 1934 ...	Supt. of Parks and Reserves, Hastings, Hawke's Bay, New Zealand.
MacKenzie, S. J.	April 1923 ...	c/o Bermondsey Borough Council, St. James' Churchyard, S.E.16.
*Mackintosh, James J.	Jan. 1925 ...	Supt., Parks Dept., Northampton.
*MacLaggan, W.	Mar. 1907 ...	Glenalmond, Buchanty, by Perth.
*Maclean, D.	May 1904 ...	Queen Victoria Park, Niagara Falls, Ontario.
*Macmillan, H. F., F.L.S.	June 1895 ...	37 Castlebar Road, Ealing, W.5.
*Madan, Miss H. P. (See Mrs. Wood)		
*Main, T. W.	Feb. 1906 ...	H.G., Tregenna Castle Hotel, St. Ives, Cornwall.
*Maitland, T. D., M.B.E., A.H.R.H.S.	Jan. 1910 ...	20 Craiglockhart Terr., Edinburgh.
Mallett, George B.	Feb. 1897	
Mallinson, J.	Aug. 1902 ...	Seattle, Washington, U.S.A.
Mann, J. A.	Sept. 1930 ...	Parks Dept., Roath Park, Cardiff.
*Mansfield, B. P., N.D.H. (N.Z.)	Jan. 1925 ...	Supt., Parks and Res., Invercargill New Zealand.
Mario, Ercoli.	July 1927 ...	La Mortola, Ventimiglia, Italy.
Mark, Frank M.	Nov. 1898 ...	58 Selly Oak Rd., Bournville.
Markham, Charles H.	Mar. 1891	
Marks, J. T.	July 1900 ...	H.G., Hampstead Garden Suburb Trust, 18, Corringway, Golders Green, N.W.11
*Marriott, W. E.	July 1904 ...	P.O., Box 1598, Durban, S. Africa.
Marshall, A.	Dec. 1922 ...	S., Parks Dept., Colchester, Essex.
Marshall, William.	Feb. 1892	
Martin, Lecointe Georges ...	May 1903 ...	Louveciennes, S. et O., France.
Martin Lecointe, Pierre	Mar. 1934 ...	Louveciennes, S. et O., France.
Martin, T. H.	April 1898 ...	H.G., Highwoods, Burghfield, Mortimer, Berks.

<i>Name</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
*Mash, Miss J. (See Mrs. Flack).		
Mason, Reginald H.	Mar. 1933 ...	Parks Dept., Fleetwood, Lancs.
*Mason, Robert E.	June 1922 ...	Royal School for the Blind, Leatherhead, Surrey.
*Massott, L. Jacquet.	Nov. 1905 ...	Chene Bourg, Geneva.
Mathews, C.	Aug. 1920 ...	c/o St. Mary's Rectory, Delancy St., Nassau, Bahamas.
*Mathews, J. W., A.H.R.H.S.	May 1895 ...	c/o Nat. B.G., Kirstenbosch, Cape Town, South Africa.
Matthews, E.	May 1904 ...	Outdoor Arts Co., 924 Bethlehem Pike, Chestnut Hill, Phila., U.S.A.
*Maw, H.	Feb. 1924 ...	84 Broadwater Rd., Upper Tooting, S.W.17.
Mawer, E. E.	Feb. 1910	
Maxted, Miss M.	April 1919 ...	La Rochelle, Guernsey.
May, John E.	April 1935 ...	Parks Dept., Heaton Park, Manchester.
Mayhew, C. W.	April 1908 ...	Hort. Inst., 37 Dene Avenue, Lemington-on-Tyne.
*Maynard, A. W.	April 1914 ...	C., Botanic Gardens, Grahamstown, C.P., South Africa.
Mayne, H. F.	Feb. 1930 ...	68 Victoria Road, Hale, Cheshire.
*McAllister, W.	Feb. 1902 ...	H. G., Spa Hotel, Bath.
McCready, Kenneth.	Feb. 1929 ...	Parks Department, Bournemouth.
McCormack, P. F.	July 1936 ...	Parks Department, Salford.
McFarlane, J.	Sept. 1909	
McGregor, C.	May 1930 ...	c/o Garden Dept., Emmanuel College, Cambridge.
McGregor, D.	Oct. 1907 ...	H.G., Craig-y-parc, Pentryrch, Cardiff.
McHardy, William	April 1886 ...	Norseman, W. Australia.
*McIver, D. G.	Dec. 1905 ...	1 Park Place, Leeds.
McKenzie, William W.	Jan. 1935 ...	Parks Dept., Kilmarnock, Ayrshire, N.B.
McKinley, D. T.	Jan. 1911 ...	158 Yaamba Rd., North Rockhampton, Central Queensland, Australia.
McNab, J.	Sept. 1911 ...	6 Queen's Road, Bowes Park, N.4.
McMillan, R. C.	Feb. 1928 ...	Supt., Parks Dept., Kirkcaldy, N.B.
*McNeill, Murdo.	May 1899 ..	Kiloran Gdns., Isle of Colonsay, Argyllshire.
McPherson, J. A., N.D.H. (N.Z.)	Oct. 1924 ...	C., Christchurch B. G., New Zealand.
*Meckwitz, Otto.	Nov. 1884 ...	Holbienenstrasse 51, 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 ...	Kilmeny, Bieldside, Aberdeen, N.B.
*Melles, A. B., M.B.E.	Nov. 1915 ...	Hort. Officer, Imp. War Graves Com. Arras, P. de C., France.
Memmler, H.	Oct. 1912 ...	Albrechstr, 115 Berlin-Steglitz, Germany
*Menissier, Auguste	Dec. 1899 ...	Vilmorin-Andrieux & Co., Verrieres le Buisson, Seine-et-Oise, France.
*Mentzel, R. R.	May 1895 ...	Jessievale Ry. Plantation, P.O. Vosomars-beacon, Transvaal.
Merigeon, Marie	Feb. 1893 ...	4 Rue de l'Observatoire, Paris.
Merryweather, Miss M. E. (See Mrs. Suckling).		
Metcalfe, E. H., B.Sc.	Dec. 1926 ...	The Ferns, North Holmwood, Dorking, Surrey.
Meyer, P. A.	Nov. 1903 ...	4 Hillside Av., Thornton Hill, Exeter.
*Meyer, W.	Mar. 1909 ...	Kirchstr., Donaueschingen, i/Baden, Germany.
Michie, R. S.	July 1923 ...	c/o Guthrie & Co., Ltd., Companies Dept., 5 Whittington Ave., London, E.C.3.
*Middleton, C. H., N.D.H., A.H.R.H.S.	Mar. 1908 ...	17 Princes Rd., Surbiton, Surrey.
Milburn, John	Mar. 1887 ...	N., Victoria Nursery, Bath.
*Miles, A. C.	Jan. 1909 ...	Dept. of Agric., Accra, Gold Coast Col.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Miles, John W.....	June 1896 ...	S. & F., Floral Hall, Church Road, Burgess Hill, Sussex.
Miles, Sergt. S. H.....	Dec. 1916 ...	3rd Batt. K.R.R., Military Grass Farm, Bolarum, Secunderabad, India.
Miller, Edward.....	Dec. 1901 ...	H.G., Crow Clump, St. George's Hill, Weybridge, Surrey.
Miller, Leo B. J.....	June 1933 ...	6, New Cottages, Exbury, So'ton.
•Mills, George.....	Mar 1900 ...	Nurseryman, Auckland, N.Z.
•Milner, William.....	May 1874 ...	N., Southend, Essex.
•Milsum, J. N., F.L.S.	Sept. 1913 ...	Asst. Agric., Dept. of Agric., Kuala Lumpur, F.M.S.
Mines, Felix R.	July 1936 ...	Clopton Hall, Wickham Brook, Suffolk.
Mitchell, W.	Jan. 1922 ...	H.G., Oare House, Marlborough.
•Moe, Elias.....	Feb. 1887 ...	Curator, Bot. Gardens, Oslo.
Moller, A. F.....	May 1909 ...	Allustrasse 56, Remscheid, Germany.
•Moncousin, Leon.....	Oct. 1891 ...	finca "Ascunzion," Osuna, Guatemala, Central America.
Montgomery, P. J. T.....	Feb. 1931 ...	Middlesex Roads Dept., Bedford.
•Moore, H. J., C.M.H., A.H.R.H.S.	Aug. 1907 ...	Box 61, Islington, Ontario, Canada.
Moore, R. E.....	June 1930 ...	Municipal B.G., Cape Town, S.A.
Moosman, E.....	April 1907	
Moran, B. J. J.....	Sept. 1930 ...	c/o "Underground," 55, Broadway, S.W.1.
•Morgan, Mrs. R. M. (Williams)	July 1921 ...	The Rectory, Panteg, Monmouthshire.
•Morland, Eleanor (See Mrs. Shewell).		
Mottier, Pierre.....	Aug. 1935 ...	10, Chemin Rieu, Geneva, Switzerland
Mould, A.	Dec. 1933 ...	Brookside, Nurs., Headington, Oxford.
•Mould, Capt. G. B.....	Jan. 1915 ...	Nylstron, S. Africa.
Mowforth, Roy K.	Jan. 1937 ...	Kingswood Training School, Bristol.
Mullins, A. T.	Mar. 1934 ...	Pembroke Lodge Gardens, Richmond.
Muraoka, R.....	Oct. 1918 ...	Nippen Club, 161 West 93rd St., N.Y.
Murphy, J.	Mar. 1904 ...	H.G., Huntington Cast., Clonagal, Ire.
•Murray, J. G., F.L.S.	Aug. 1904 ...	Educ. Dept., County Offices, Lincoln
•Mustoe, W. R., O.B.E., A.H.R.H.S.	Nov. 1905 ...	70 Stag Leys, Ashtead, Surrey.
Nash, Miss O.	Dec. 1917 ...	Sonamarg, Great Missenden, Bucks.
•Nauen, J. C.....	April 1928 ...	Botanic Gardens, Penang, S.S.
•Navel, Henri.....	Mar. 1902 ...	D., Jardin Botanique, Metz, France
Negus, Ernest E.	Oct. 1896 ...	31 Minster Street, Reading.
Nelmes, W.	July 1928 ...	Supt. of Parks, Roath Park, Cardiff, S. Wales.
Neville, G.....	Mar. 1913 ...	c/o Mrs. Wright, Delemere, Ainsworth St., Leichardt, Sydney, Australia.
•Newberry, W. J.	Mar. 1903 ...	Alexandra Park, Maritzburg, Natal, South Africa.
•Newell, W.	Mar. 1907 ...	Hort. Dept., Univ. of Wisconsin, Madison, Wisconsin, U.S.A.
•Newman, C. A.	Aug. 1924 ...	Supt., Heston & Isleworth Parks Dept., Lampton Park, Hounslow, Mddx.
Nichoff, J.	Feb. 1905 ...	H.G., Kortlinhausen (C. Warstein), Ger.
Nicholls, Mathew.....	May 1897 ...	H.G., St. Clere, Kemsing, Sevenoaks.
Nickalls, Mrs. L. J. (Miss R. Garnett)	Mar. 1918 ...	4 Elmwood, Welwyn Garden City, Herts.
Nilsen, J. J. E., Berner-.....	Dec. 1906 ...	Denmark.
•Nisbett, E. I.....	Feb. 1925 ...	Prov. Supt. Dept. of Agric. Sierra Leone.
Nitsch, R.....	Sept. 1914	
•Nock, J. J.....	July 1911 ...	Curator, Botanic Garden, Hakgala, Ceylon.
•Nock, William	Feb. 1874 ...	Glenthorpe, West Hagley, Stourbridge.
Nolan, Patrick J.	Aug. 1892 ...	Henderson's Nurs., 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 ...	c/o India Office, S.W.1.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
O'Brien, Mrs. C. P. (Rolfe)...	April 1921 ...	9827, 108th Street, Edmonton, Alberta, Canada.
Offley, John	Oct. 1937 ...	The Test Room, Metropolitan Exchange, Wood St., E.C.
Ogle, A.	May 1907	
*Okami, Y.	Feb. 1913 ...	The Imperial Gardens, Shinjuku, Tokio.
*Oldham, C. H.	May 1910 ...	Ivydene, Chandler's Ford, Southampton.
*Oliver, Alfred E.	June 1902 ...	Cregagh Nursery, Cregagh Rd., Belfast.
Oliver, D. T., M.A., LL.B. ...	Mar. 1888 ...	31 Dennington Park Rd., Hampstead
Oliver, G. H.	Dec. 1912 ...	4 Hylton Road, Allerton, Liverpool.
Oliver, T.	Oct. 1908 ...	N., Moniaive, Dumfriesshire.
Oliver, 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).		
Orchard, O. B.	July 1927 ...	Lea Valley Exp. Station, Cheshunt, Herts.
*Osborne, P. V.	Aug. 1913 ...	M., Cinchona Plantations, Mungpoo, Bengal, India.
Ovenden, S. F.	Nov. 1928 ...	Parks Dept. The Lodge, Dane Park, Margate, Kent.
Owen, Miss M. Nest (See Mrs. Franklin Kidd).		
Page, G. W.	July 1929 ...	Häringe Gard, Tungelsta, Sweden.
*Page, W., A.H.R.H.S.	July 1903 ...	H.G., Chadwar, Bourton-on-Water, Glos.
*Paine, W. H.	Oct. 1905 ...	Chairman of Directors, Exotic Plants Ltd., Box 4, Dee Why, N.S.W.
*Papsdorf, P.	Dec. 1907 ...	1138, Juill St., Medicine Hat, Alberta, Canada.
Parker, John.	July 1893	
Parrot, Miss P.	Sept. 1919	
Parsons, J.	Sept. 1930 ...	"St. Bernards," Middle Hill, Englefield Green, Egham, Surrey.
*Parsons, T. H.	Nov. 1913 ...	C., Roy. Bot. Gdns., Peradeniya, Cey. on.
*Paton, R. A.	July 1925 ...	Nigerian Hardwood Co., Ltd., Kwale via Sapele, Nigeria, W. Africa.
Patterson, J. D.	June 1922	
*Patterson, William H., M.B.E.	Aug. 1901	
*Patterson, Mrs. W. H. (Hutchings)	Sept. 1900	C.M.S., Namirembe, P.O. Box 56, Kampala, Uganda.
Patton, H. S.	Oct. 1926 ...	Supt., Parks and Open Spaces, Chingford, Essex.
Peacock, Rev. H. D.	Sept. 1904 ...	Norfolk, Virginia, U.S.A.
Pearce, T. G.	Aug. 1918 ...	Melrose, Grove Pk. Rd., Chiswick, W.4.
*Pearce, William	Feb. 1933 ...	"Lloran," London Rd., Amersham, Bucks.
Peeters, Mrs. M. C. (O'Reilly)	April 1920 ...	Belgium.
Penn, Charles	Nov. 1890 ...	Rise House, Sunningdale, Berks.
Perkins, H. A. T.	May 1925 ...	104, Baldwins Lane, Hall Green, Birmingham.
*Pertwee, William W.	Nov. 1895 ...	N., "The Cedars," Barnham, nr. Bognor, Sussex.
Petersen, Valdemar.	Feb. 1892 ...	Feldheim, Wimbledon Common.
*Pettigrew, Hugh A. Capt. ...	July 1893 ...	Le Rialto Meuble, 55, Rue de la Buffa, Nice, A-M., France.
*Pettigrew, William W., V.M.H.	Mar. 1890 ...	"Trees," First Avenue, Broadwater Worthing.
Phillips, E. P., D.Sc., M.A.	Jan. 1911 ...	Div. of Botany, Pretoria, Transvaal, S.A.
Phillips, James.	April 1881 ...	Ross Priory, Alexandria, N.B.
Phillips, M. M.	Mar. 1913 ...	Granton Rd., Nurseries, Edinburgh.
*Phillips, S. T.	May 1925 ...	Dept. of Agriculture, Accra, Gold Coast.
*Philpot, G. T.	April 1920 ...	Asst. Dept. of Agric., Uganda.
Pieris, W. I.	May 1908 ...	Rubber Research Scheme, Culloden, Neboda, Ceylon.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Pinnion, W.	Aug. 1933 ...	Garden Dept., Felixstowe. (Liège.)
Pirèt, Leandre J.	Mar. 1894 ...	F., Château du Rond-Chêne, Esneux,
*Pirie, J., M.M.	Dec. 1923 ...	Agricultural Officer, Kano, N. Nigeria.
Platten, R. J.	May 1922 ...	Garden Dept., Cadbury Bros., Ltd., Bournville.
Plumb, Charles... ..	Sept. 1889 ...	Florist, 5500 Burns St., Detroit, Mich.,
Plummer, Herbert	Mar. 1894 ...	(U.S.A.)
*Poetsch, A.	Mar. 1903 ...	N., Brehna, S. Germany.
Polpuntin, An.	Sept. 1932 ...	c/o Botanical Dept., Bangkok, Siam.
*Porter, W.	April 1930 ...	c/o Parks Dept., Southampton.
Potter, Miss Florence M.	Aug. 1899 ...	43 Redburn St., Chelsea, S.W.3.
*Poulter, C. G. W.	Sept. 1928 ...	Farnham Chase, Farnham Royal, Bucks.
Powell, Miss Ena M.	Sept. 1901 ...	c/o Miss Straker, 1 Reynolds Close, Hampstead Way, N.4.
Powell, H. Temple	July 1887 ...	Northumberland Nursery, Heath Road, Twickenham.
Poy, André L. J.	Nov. 1937 ...	10 Rue des Lices, Blois, L. et Ch. France.
Prain, Sir David, I.M.S., K.C.M.G., C.I.E., F.R.S., V.M.H.	Mar. 1922 ...	Well Farm, Warlingham, Surrey.
*Preston, F. G., A.H.R.H.S.	April 1909 ...	Supt., Botanic Garden, Cambridge.
*Pring, G. H.	Feb. 1906 ...	Missouri Bot. Gdns., St. Louis, U.S.A.
*Pritchard, W. B.	Aug. 1925 ...	Supt., Parks Dept., Llandudno.
Prockter, Noel J.	Nov. 1937 ...	c/o, J. Cheal & Sons, Ltd., Lowfield Nurseries, Crawley, Sussex.
Prolluiss, Karl	June 1937 ...	Vichels, Post Neristad (Dosse) Germany.
*Proudlock, A. W.	Sept. 1906 ...	"St. Aidens," Silkmore Lane, Stafford.
*Proudlock, Robert L.	Dec. 1888 ...	c/o Midland Bank Ltd., Jersey and 100, Church Road, Richmond, Surrey.
Purrott, Rupert E.	Mar. 1938 ...	c/o, Messrs. Duncan & Davies, New Plymouth, N.Z.
*Purves, James M.	June 1900 ...	c/o Standard Bank of South Africa. 10 Clements Lane, London, E.C.
Pyman, G. W.	June 1908 ...	Hort. Inst., The Guildhall, Westminster.
*Pynaert, Leon	Feb. 1897 ...	Congo State.
Quelch, Miss Annie	Dec. 1902 ...	All Saints Convent, St. Albans, Herts.
*Quinton, J. P.	May 1901 ...	
Race, A.	Sept. 1906 ...	Harewood Nurseries, Darlington.
Rachals, Helmut	Mar. 1938 ...	c/o, Direktion der botanischen, Staat- sanstalten, Munich, Germany.
Ransom, D. H.	Oct. 1925 ...	Glen Rose, Samares, Jersey, C.I.
Rastall, W.	April 1903 ...	2 Cambridge Rd., Kew, Surrey.
Reardon, J. B.	Oct. 1915 ...	
Reid, S. D.	Dec. 1923 ...	15 Church Street, Romsey, Hants.
Renton, J.	Dec. 1906 ...	Supt., Provincial Nr., Essondale, B.C.
Richards, F.	April 1927 ...	Wellington Hotel, Wellington, Berks.
Richarts, L. G.	Dec. 1921 ...	Asst. Man., Burmiak Coti, Govt. Cin- chona Plantations, Munsong, Kal- impong, Bengal, India.
*Richardson, John, F.Inst.P.A.	Mar. 1909 ...	Director, Parks & Cemeteries Dept., Town Hall, Manchester 2.
Richardson, L. A.	July 1931 ...	Supt. of Palace Gardens., Johore Bahru, S.S.
*Richardson, L. P.	May 1913 ...	20 Valebrook Avenue, Sunderland.
*Richli, E.	Mar. 1913 ...	
*Riebe, H.	Dec. 1906 ...	853, Elkins Avenue, Elkins Park, Pa. U.S.A.
*Ritchings, H.	April 1927 ...	c/o, Royal Botanic Gardens, Kew.
Robbie, Miss H. N.	June 1918 ...	28 Longfellow Avenue, Bath.
Robbie, Ian R.	Oct. 1936 ...	Eski Bakhia, Kyrenia, Cyprus.
*Robbie, J.	Sept. 1927 ...	Government Gdns., Khartoum, Sudan.
Roberts, A.	Mar. 1913 ...	29, Ivy Walk, Dagenham, Essex.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Roberts, Mrs. N. J. (N. J. Watson)	Mar. 1922 ...	3 Wright St., East Kew, Melbourne, Australia.
Roberts, S. J.	July 1928 ...	c/o Supt. of Parks, Roath Park, Cardiff.
Roberts, W.	Sept. 1923 ...	Rue du 19 Janvier, Garches, France.
Robertshaw, P.	Aug. 1922 ...	D., Parks & Gdns., Durban, Natal, S.A.
Robertson, J. A.	Feb. 1923 ...	The Gardens, Burford Lodge, Dorking.
Robinson, C.	Dec. 1931 ...	Victoria Park, Southport.
Robinson, George W.	Aug. 1937 ...	C., Chelsea Physic Garden, Royal Hospital Rd., Chelsea, S.W.3.
Robinson, H. P.	April 1931 ...	45, Buckingham Av., Welling, Kent.
Robshaw, Miss N. (See Mrs. Winton Smith)		
Robson, C. H. A.	May, 1934 ...	Scalby Nurseries, nr. Scarborough, Yorks.
*Roekens, Francois	Mar. 1900 ...	State Bot. Gdns., Brussels, Belgium.
*Rogers, F. M.	Oct. 1920 ...	C., Amani Inst., Tanganyika Terr., Afr.
Rolfe, F. D. M. (See Mrs. O'Brien)		
Rolfe, F. W.	Sept. 1910 ...	Imperial Institute, S.W.7.
Rolff, Sven. B.	Oct. 1937 ...	Ljungbyhed; Sconia, Sweden.
Rose, Walter A.	Apr. 1934 ...	Villa Yolanda, Ospedalletti, Legure, Italy.
Ross, Frank	Mar. 1883 ...	76 Kennington Park Rd., London, S.E.
Rouse, Walter	Aug. 1884 ...	c/o Mr. Rothera, Burton Joyce, Notts.
Rowan, Miss H.	Dec. 1919 ...	St. Brelades Bay, Jersey, C.I.
*Ruck, E. A.	Nov. 1920 ...	Asst. Dist. Agri. Officer, Kampala, Uganda.
Rudd, C.W.	Feb. 1930 ...	13, Thorold Road, Bowes Park, N.22.
Rudge, H. C.	Oct. 1936 ...	Parks Department, Birmingham.
*Rudolf, Miss O. (See Mrs. Davis.)		
Rumsey, Roy H.	Aug. 1932 ...	"Boronia," Telopea Street, Dundas, N.S.W., Australia.
Ruse, Miss E.	Sept. 1919 ...	Hill Farm, Radwinter, Saffron Walden, Essex.
*Ruse, I. F.	Feb. 1913 ...	Govt. Gardens, Lucknow, U.P., India.
*Russell, P. T.	Jan. 1906 ...	Supt., Cinchona Cultivation, Mergui, Burma (on leave:—"Sunbeam House, Long Handborough, Oxon.)
Russell, W.	Sept. 1877 ...	N., Bensham, Gateshead.
Rutter, Clement S.	Aug. 1902 ...	
Rutter, W. G.	July 1928 ...	Univ. Gdns., Edgbaston, Birmingham.
Ruyter, Bart J. de	Aug. 1935 ...	129, Lage Ham, Dongen, Holland.
Ryall, H.	Dec. 1913 ...	c/o Mr. Eades, Little River, Victoria, Australia.
Salter, Joseph	April 1875 ...	Mt. Pleasant Rest House, Bromsgrove, W'shire.
Salvage, B. H.	Feb. 1910 ...	
Salvai, Armando.	Oct. 1933 ...	La Mortola, Ventimiglia, Italy.
Sander, Francis J.	Mar. 1884 ...	Mont Capel, St. Owens, Jersey.
*Sander, Frederick K.	Feb. 1896 ...	Sander & Sons, Nurserymen, St. Albans.
*Sanders, Harold	Nov. 1905 ...	19 Springfield Rd., Thornton Heath, Sy.
*Sands, Wm. N., F.L.S.	June 1899 ...	6, Craw Road, Wallington, Surrey.
Sargeant, T.	Oct. 1912 ...	75 Ravenswood Av., Tolworth, Surrey.
Saville, D.	Sept. 1923 ...	c/o Herbarium, Kew.
Sayer, H. W.	June 1924 ...	Hort. Inst., 1 Cross St., Barnstable, Devon.
*Sayer, S. G.	Nov. 1926 ...	c/o D. D. Dodge Estate, Rockport, Maine, U.S.A.
Schade, P. W. L.	June 1911 ...	12a Rambergsweg, Quedlinburg, Harz, Germany.
Schmidkunz, H.	June 1911 ...	1 Landshs, Reg. 3 Kamp, Trieste, Austria.
Scholz, H.	Mar. 1903 ...	Florist, Beuthen O.S., Bahnhofstrasse 18, Germany.
*Schön, J.	April 1910 ...	N., Florida, F.C.C.A., Ibanez, 2506, Argentine.
Schuphan, Werner.	Oct. 1931 ...	Heidekampweg, 7, II Berlin-Baumshulenberg, Germany.
Scott, Jack A. N.	Aug. 1934 ...	Parks and Open Spaces, Wrexham.

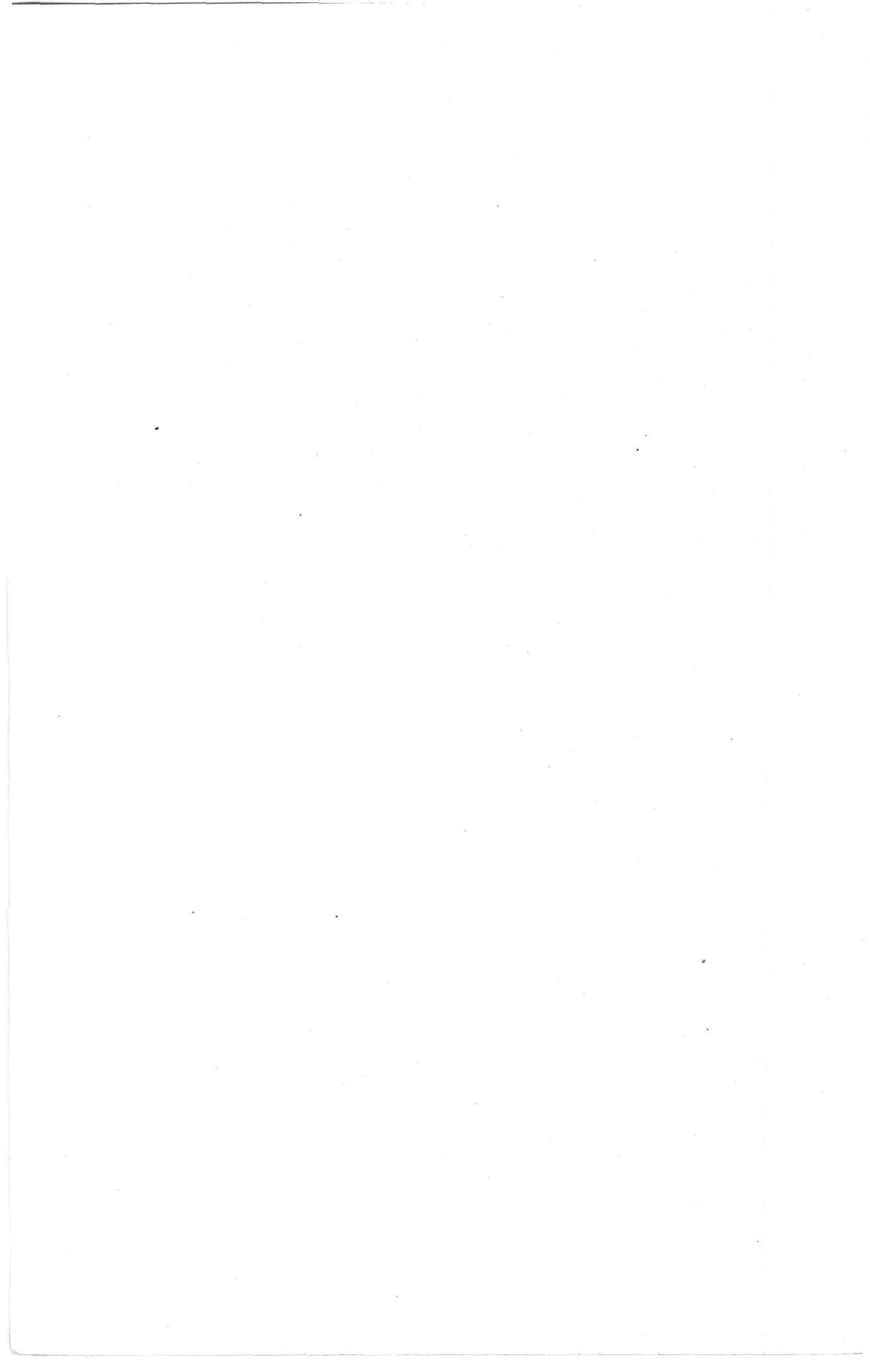
<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address</i>
Scott, John	April 1909	
Scott, W. C.	Oct. 1922 ...	The Pastures, Old Renshaw, Co. Durham.
Seaborne, R.	Oct. 1902 ...	Market Gardener, Dawlish, S. Devon.
Secker, J.	Aug. 1930 ...	Shire Hall, Gloucester.
Selley, John T.	Feb. 1892 ...	H.G., Car Colston Hall, East Bridgeford, Notts.
Semple, J. A.	Mar. 1923 ...	745 Washington St., Wellesley, Mass, U.S.A.
Shambrook, W.	Aug. 1928 ...	Supt., Parks Dept., Lincoln.
*Sharp, William S.	Sept. 1897 ...	Hort Inst., Beaudesert, Western Lodge, Durham.
*Sharpe, H. B.	July 1913 ...	Administrative Officer, Narsabit, Kenya Colony.
Sharps, J.	Dec. 1913 ...	Newbury, N. Hampshire, U.S.A.
Shewan, Harry T.	Oct. 1936 ...	c/o The Raglan Investment Trust, King's Court, Wembley Pk., Middx.
*Shewell, Mrs. (Morland).....	April 1899 ...	West Heath, H., Northfield, Birm.
Shotton, George	Oct. 1886 ...	Felton, Northumberland.
*Sillitoe, F. S., M.B.E., A.H.R.H.S.	Mar. 1903 ...	31 Priory Road, Kew, Surrey.
*Sim, T. R., D.Sc., F.L.S. ...	Jan. 1879 ...	168 Burger St., Pietermaritzburg, Natal.
Simond, R.	Sept. 1919 ...	Hospl., Cortaillod, Neuchatel, Switz.
Simmonds, Frank L.	Dec. 1937 ...	c/o Heston & Isleworth Parks Dept., Lampton Park, Hounslow.
Simmons, J.	June 1903 ...	Nasing Park Gardens, Nasing, near Broxbourne, Herts.
Simpson, Alexander J.	May 1937 ...	Botany Building, University of Toronto, Canada.
Simpson, R.	Dec. 1906 ...	Croxdale Village, Durham.
*Simpson, R. G.	Jan. 1911 ...	Oyster Bay, Long Is., N.Y., U.S.A.
*Skan, Sidney A.	Sept. 1933 ...	Whinlands, Lightwater, Surrey.
Slinger, Leslie	Mar. 1929 ...	Donard Nursery Co., Newcastle, Co. Down, Ireland.
Smartt, A. E.	May 1909 ...	H.G., Ovenden, Sunbridge, Kent.
Smeeton, Mrs. (nee Lawford)	Oct. 1913 ...	The Grange, Hilsham, Suffolk.
*Smith, E. J.	Feb. 1920 ...	c/o P.W.D., Kampala, Uganda.
Smith, Fred T.	Sept. 1891 ...	Bot. Dept., University College, W.C.1.
*Smith, Frederick W.	Feb. 1893 ...	"Les Ixias," Cap d'Antibes, A.-M., [France.]
*Smith, Herbert.....	Feb. 1899	
Smith, J.	April 1930 ...	Botany Scheme Offices, Avery Hill, S.E.9
*Smith, J. T.	April 1911 ...	H.G., Duffryn, St. Nicholas, Cardiff.
Smith, James W.	July 1933 ...	Parks Dept. and 351 Bury Old Road, Prestwick, Manchester.
*Smith, Mrs. Winton (Robshaw)	May 1919 ...	Chester, N.S., Canada.
*Smith, Rev. W. C.	June 1902 ...	39 Coram Street, W.C.
Smyth, William	Sept. 1887 ...	Wimbledon, S.W.19.
Snow, C., N.D.H. (N.Z.).....	Dec. 1903 ...	Te Kauwhata, Auckland, N.Z.
*Snowden, J. D., F.L.S.	Mar. 1911 ...	"Mirembé," Vectis Rd., Barton-on-Sea Hants.
*Somers, Mrs. A. G. (Ellis)...	May 1919 ...	Woodford, St. Brelade, Jersey, C.I.
Songer, Thomas B.	June 1879 ...	N., Astoria, Fulton County, Illinois.
Spare, Gordon	Oct. 1929 ...	Sungei Krian Estate, Began Serai, [Perak, F.M.S.]
*Sparrow, J., M.M.	Nov. 1919 ...	
*Spooner, Herman.....	July 1901 ...	Imperial Institute, S. Kensington, S.W.7.
Spray, Joseph R.	Dec. 1934 ...	Parks Dept., Southend-on-Sea.
Spriggs A. C. G.	May 1903 ...	Asst. to Supt., Hyde Park, W.2.
*Squibbs, F. L.	Mar. 1924 ...	Director, Dept. of Agriculture, Victoria, Mehé, Seychelles.
*Starke, M.	Mar. 1905 ...	Schloss Cumberland, Gmunden, Austria.
*Stanley, Mark	Jan. 1934 ...	2 Penrith Rd., Keswick, Cumberland.
*Stayner, F. J. Major, F.L.S.	Aug. 1903 ...	Dorchester Lodge, Entry Hill, Bath.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Stayner, F. J.	May 1934 ...	Parks Dept., Port Elizabeth, S. Africa.
Stedman, G. C.	April 1930 ...	Parks Dept., Municipal Offices, Kingston-upon-Thames.
Steele, R. A.	July 1930 ...	Parks Dept., and 349 Bury Old Rd., Prestwick, Manchester.
Stenning, H. W.	Nov. 1922 ...	Hort. Instr., Gardens Section, Army Vocational Training Centre, Chiseldon Camp, nr. Swindon, Wilts.
Stevens, Joseph	June 1883 ...	H.G., Sidbury Manor, Sidbury.
Stewart, J. H.	June 1930 ...	c/o Devonshire Hotel, Newtownards, Belfast.
*Stewart, W. E. N.D.H.	Aug. 1928 ...	Stanfield House, Debdale Park, Gorton, Manchester.
Stewart, W. W.	Aug. 1915 ...	
*Stirling, E.	Feb. 1908 ...	I.W.G.C., Route Nationale, Aix Noullette, P. de C., France.
*Stock, C. R.	Nov. 1927 ...	Gardens Dept., Hornsey Borough Council, and The Cottage, Coppett's Rd., Muswell Hill, N.10.
*Stocks, J.	Mar. 1906 ...	Sunnyside, Lenham Hth., Maidstone, Kent.
Stone, A. W.	July 1911 ...	81 Oving Street, Chichester.
Stonebridge, Gerald W.	Oct. 1932 ...	Botanic Gardens, Cambridge.
Strachan, L.	May 1926 ...	58 Parma Crescent, London, S.W.11.
Strawson, Miss E.	Mar. 1919 ...	6 Rydal Rd., Streatham, S.W.16.
Stuart, William	Jan. 1900 ...	252 Union Grove, Aberdeen, N.B.
Stubbington, Miss E. M.	Sept. 1917 ...	Oaklands, North Havant.
Studley, E. W.	April 1930 ...	Supt. of Parks, Newport, Mon.
Suckling, Mrs. M. E. (Merryweather)	Mar. 1916 ...	The Warren, Bentley Heath, Dorridge, Warwickshire.
*Sudell, R., F.I.L.A.	Mar. 1915 ...	4 Bedford Square, London, W.C.1.
*Summerfield, T. A.	Mar. 1902 ...	H.G., Alderley Park, Chelford, Cheshire.
Summers, M.	June 1925 ...	Ensbur Nurseries, Bournemouth.
*Swan, W.	Mar. 1904 ...	Domain Park, and 28 Gillies Avenue, Epsom, Auckland, N.Z.
Swatton, A.	Mar. 1903 ...	H.G., Myddleton Ho., Waltham Cross.
Swift, Howard W.	June 1937 ...	New York Botanical Garden, Bronx, N.Y., U.S.A.
*Syer, F. G.	May 1920 ...	90, Cromwell Avenue, Cheshunt, Herts.
Symons, A.	June 1913 ...	Trevarno Gdns., Helston, Cornwall.
Tancott, John	Mar. 1887 ...	H.G., Goderich, Ontario, Canada.
*Tannock, David, A.H.R.H.S., N.D.H.(N.Z.)	Oct. 1898 ...	Supt., Parks and Reserves, Dunedin, N.Z.
Tassel, A. H.	Nov. 1907 ...	114 Eastworth Road, Chertsey.
*Taylor, A. J.	July 1934 ...	Hornbeam Cottage, Twyford, Berks.
Taylor, A. W.	Nov. 1922	
Taylor, Miss D. B. (See Mrs. Coates).		
Taylor, Hubert, N.D.H.	Sept. 1933 ...	N.C.C. Instructor, St. James' House, Kings Lynn.
Taylor, James C.	Aug. 1936 ...	Ontario Agricultural College, Guelph, Ont., Canada.
Teal, A. G.	Jan. 1929 ...	57 Clonmell Rd., Tottenham, N.15.
Teasdale, Joseph J.	April 1902 ...	Brunstock, Carlisle.
Thomas, Edward J., D.Litt.	Sept. 1895 ...	University Library, Cambridge.
*Thomas, Ernest	Feb. 1903 ...	1514 Chesnut St., Philadelphia, Pa., U.S.A.
Thomas, E. K.	Mar. 1907 ...	39, East Manning Street, Providence, Rhode Island, U.S.A.
*Thomas, H.	Feb. 1911 ...	M., Gov. Cinc. Plt., Munsong, Kalimpong, Bengal.
*Thomas, Harry H.	Feb. 1899 ...	Editor "Popular Gardening"; and "Wayside," Windsor Rd., Gerrards Cross.
Thompson, R.	Jan. 1932	

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
*Thompson, William J.....	July 1889 ...	1 Rosamund Road, Bedford.
Thornicroft, I. V.....	Aug. 1928 ...	Botanic Gardens, Hobart, Tasmania.
*Thorns, F. W.	Aug. 1928 ...	C., Nat. B. G., Kirstenbosch, C.P., S. Af.
*Thornton, A. J.....	April 1922 ...	Lowthorpe School, Groton, Mass., U.S.A.
*Thorpe, William	Nov. 1896 ...	Pyre Hayes Park, Chester Rd., Erdington, Birmingham.
Thyer, Percy E.	Aug. 1937 ...	Dept. of Public Works, Pretoria, Union of S. Africa.
Tidy, A. W.	Mar. 1910 ...	H.G., Greathouse, Kington Langley, Chippenham.
*Tillson, Arthur G.....	Sept. 1889 ...	Montere, Nelson, New Zealand.
Timmers, A.	May 1915 ...	67 Armour Rd., Tilehurst, nr. Reading.
Tindall, H. B. A.....	Dec. 1913 ...	Hort. Dépôt, Holbrook Lane, Coventry.
*Toms, K. E.	Oct. 1925 ...	Agriculture and Forestry Officer, St. Helena.
Topper, Jonathan.....	Jan. 1883 ...	70 Etherley Rd., Wood Green, N.15.
Trench, Mrs. P. C. (Hume-Spry)	Jan. 1918 ...	Ashfield, Ballyriltar, Queen's Co., Ireland.
Trehear, Mrs. I.....	Feb. 1919 ...	Brooklands, Kessinglands Beach, Lowestoft.
*Trevaskis, P.....	Feb. 1927 ...	"Burnham Beeches", Sherbrooke, Victoria, Australia.
Trevithick, W. E.....	Sept. 1927 ...	11 Bellevue Rd., Barnes, S.W.
Trinder, G.	June 1872 ...	N., Clarence Road, Fleet, Hants.
Troupe, Mrs. A. (Yencken)...	April 1916 ...	Sparsholt Farm Inst., Winchester.
*Tuck, W. H.	May 1912 ...	County Offices, St. Mary's Gate, Derby.
Tunnington, F.....	Mar. 1909 ...	Hort. Off., Brompton, Huntingdon.
Turner, A.....	April 1901 ...	County Lecturer, Cannington, Bridgewater, Som.
Turner, Mrs. A. M. (Gulvin)	Dec. 1896 ...	Crane Hall, Ipswich.
Turner, J. H., F.L.S.	Mar. 1936 ...	"Cradock," Fairfield Road, Winchester
Tyrrell, H.	Feb. 1903 ...	H.G., Lamport Hall, Lamport, Northants.
Ulleriks, A.	Sept. 1906 ...	Garden-Architect, Segelckes Vej 6, Copenhagen, Denmark.
*Ussher, C. B.....	Oct. 1903 ...	Florence Villa, Gransha Rd., Bangor, Co. Down.
Vales, J.....	June 1912 ...	1 Cvjetua cesta Zagrel (Galiciu), Austria
Vallance, J. C.....	April 1926 ...	10 Fortfield Av., Yonkers, N.Y., U.S.A.
Van Audenaerde, H.	Aug. 1905 ...	Château des Cailloux, Jodoigne, Belgium.
Van der Eem, A. A.	Aug. 1905 ...	Land. Arct., Clayton, Mo., U.S.A.
*Van de Voet, C.....	May 1910 ...	158 Williams St., Taunton, Mass., U.S.A.
Van Overberghe, Geo.....	July 1899 ...	F., Farm Nurs., Hampton-on-Thames.
Vaněk, B.	July 1901 ...	H.G., Schloss Kremssegg, post Kremsmunster, Upper Austria.
Varacek, F.	June 1913 ...	France.
*Vanson, G. H. C.	April 1934 ...	Parks Dept., Leyton, E.
Vardy, M.	Feb. 1920 ...	Experimental Fruit Farm, Newton, Sierra Leone, W. Africa.
Veal, T. J.....	Mar. 1907 ...	Parks Dept., Torquay.
Veer, H. B. van der	May 1936 ...	16, Dunklerstraat, The Hague, Holland.
Verdoorn, Miss Inez.....	Dec. 1927 ...	Division of Botany, Pretoria, Transvaal South Africa.
Viale, Secundo.....	Nov. 1929 ...	c/o La Mortola, Ventimiglia, Italy.
Viale, Terzo	Feb. 1935 ...	c/o La Mortola, Ventimiglia, Italy.
Virchow, Ernest	Mar. 1884 ...	C., Wilhelmshöhe Pk., Cassel, Germany.
*Waddell, Miss M. P.....	Mar. 1922	
*Wagg, H. C.....	May 1920 ...	Kasenda Estate, Fort Portal, Toro, Kampala, Uganda.
Walby, Arthur P.....	Nov. 1934 ...	Parks Dept., The Guildhall, Swansea.
Walden, F.	Mar. 1908	

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
Waldenberg, Nils.....	Mar. 1902 ...	Alnarps, Tradgardsskola, pr. Akarp, Sweden.
*Walker, Thomas D.....	July 1886 ...	Tea-Planter, Kladimnugger, Burjencherra, Sylhet, India.
Walker, William F.	Sept. 1937 ...	c/o East Malling Research Station, East Malling, Kent.
*Wallace, J. C., M.C.....	April 1912 ...	Agri. Coll., Kirton, Boston, Lincolnshire.
Wallis, Mrs. (Miss Duke)....	Mar. 1928 ...	East Africa.
*Walsh, C. S.....	Oct. 1914 ...	Allen Gardiner Homes, Los Cocos, Sierras de Cordoba, Argentine, S. America
*Walsingham, F. G.	Nov. 1913 ...	Apartado 251, Soledad, Cienfuega, Cuba.
*Walters, E. A.	Jan. 1921 ...	St. George's Park, Port Elizabeth, C.P. S. Africa.
Walter, George.....	Sept. 1882 ...	2507, Pine St., San Francisco, U.S.A.
Walters, William H.....	Dec. 1896 ...	Elkthorne Manor, Cheltenham.
Ward, Hubert J.	May 1935 ...	c/o. 58, Mill Lane, Cheshunt, Herts.
Ward, W. A.....	May 1919 ...	c/o Mrs. H. C. Frick, Prides Crossing, Mass., U.S.A.
Ward, W. C.....	July 1934 ...	The Summit, Goldings Hill, Loughton, Essex.
*Ward, W. N. A.	Feb. 1915 ...	Broad Oak Farm, Heath Hill, Shifnal, Salop.
Wareham, Miss E. (See Mrs. Finch).		
Warner, Miss Audrey (See Mrs. Joy).		
Warren, C.....	Sept. 1912 ...	Corner of Yew and Marine, Vancouver, B.C., Canada.
*Warry, W. A.	Mar. 1897 ...	14 Commercial Arcade, Guernsey.
Wass, Bernard B.	April 1937 ...	Parks Dept., Kingston-on-Thames, Surrey.
Wassell, George	Mar. 1935 ...	Gardens Dept., Hornsey Borough Council, N.
*Watkins, J. W., M.M.....	Dec. 1907 ...	Welsh Plant, Breeding Station, Aberystwyth.
Watson, Donald P. B.S.A., M.Sc. (Lond.)	July 1937 ...	Dept. of Agriculture, Farmingdale, Long Is., N.Y., U.S.A.
*Watson, J. G.	Aug. 1907 ...	Cons. of F., Jahore Bahru, Jahore, F.M.S.
*Watson, J. W.	Oct. 1923 ...	22, Windsor Crescent, Westerhope, Newcastle-on-Tyne (Armstrong Coll., Newcastle).
Watson, Miss K. (See Mrs. Chambers).		
*Watson, Miss M. W.C.....	Mar. 1919 ...	Old Rookery, Ditchling, Hassocks, Sussex.
Watson, Miss N. J. (See Mrs. Roberts)		
Watts, J. H.....	July 1910 ...	Manville Estate, Pleasantville, N.Y., U.S.A.
*Waugh, James	Mar. 1894 ...	M., Bath's Floral Farms and Brigstock House, Wisbech, Cambs.
*Weber, A.	Sept. 1908 ...	Niedershausen, Oberlahnkreis, Germany.
*Weigt, G. H.	April 1905 ...	D., Estação, "Augusto Montenegro," Para, Brazil.
Weller, Walter	Feb. 1884	
Wells, Donald V.	Oct. 1936 ...	Parks Dept., Finsbury Borough Council, London, E.C.1.
*Wells, T. S.	April 1925 ...	Supt., The Arboretum, Derby.
Welsh, H.	May 1923 ...	Hampstead Cemetery Dept., Fortune Green Rd., Hampstead.
Wheeler, Gerald F., N.D.H.	Feb. 1935 ...	Hort. Instr., Norfolk County Council, Burlingham Hort. Station, nr. Norwich.
Whibley, Mrs. W. V..... (Miss C. Hillier)	Aug. 1929 ...	"Locarno," 131 Forest Rd., Coalville, Leicester.
Whipps, A. C.....	Mar. 1904 ...	"Trevarno," 135 Marlow Rd., Anerley, S.E.20.
*White, A. H. J.	Feb. 1911 ...	46 Chariot Street, Hull.

<i>Name.</i>	<i>Left Kew.</i>	<i>Present Position and Address.</i>
*White, Alex. H.	Oct. 1902	
White, R. A.	May 1908 ...	F., Victoria Pk., L.C.C., N.E.
Whytock, John	July 1901 ...	Supt. High Park, Toronto.
*Wigman, J. R.	April 1895	
Wilding, J. E.	Jan. 1932 ...	c/o Parks Department, Manchester.
Wilkins, William	Mar. 1898	
Williams, C.	April 1926 ...	"Stonecroft," Perrysburg, Ohio, U.S.A.
Williams, George R.	Oct. 1932 ...	Parks Dept., Southwark, and 9 Ivor Grove, New Eltham, S.E.9.
Williams, Harry	Nov. 1896 ...	18, Adelaide Rd., Redruth, Cornwall.
Williams, J. L.	Mar. 1906	
Williams, Miss R.	(See Mrs. Morgan).	
*Williams, R. O., A.H.R.H.S.	Jan. 1916 ...	Chief Horticultural Officer, Palestine.
Williams, R. Vaughan	Feb. 1935 ...	Grange Dairy, 74 Blackhorse Lane, E.17.
Williams, William	May 1888	Bot. Scheme Offices, Avery Hill, S.E.9.
Willis, Hector H.	Feb. 1938 ...	c/o Parks Dept., Torquay.
Willison, Henry	Mar. 1902 ...	8 Warman's Cottage, Mill Hill, N.W.7.
Willoughby, E. V.	Jan. 1928 ...	27, Aeroville, Colindale, N.W.9.
Wilson, Alan S.	Dec. 1936 ...	"Woodlands," Alipore, Calcutta, India.
Wilson, C. F.	Mar. 1924 ...	36 St. Charles St., Clarkstown, Eastview, Ottawa.
*Wiltshire, Miss N.	April 1919	Merlindene, Longhope, Gloucester.
*Wiltshire, T.	July 1925 ...	Parks Dept., Walsall.
*Winn, William N., M.B.E....	June 1933 ...	58 Mortlake Road, Kew.
Winter, Kurt W. R.	June 1937 ...	c/o Pestalocci Str. 151, Stettin, Germany.
Wiseman, A. E.	May 1932 ...	Gardener's Lodge, Eton Coll., Windsor.
*Witty, Henry	May 1883	Hull.
Wolstenholme, George	Sept. 1934 ...	Antofagasta (Chile) and Bolivia Ry. Co., La Paz, Bolivia.
Wonfor, Desmond J.	Feb. 1937 ...	"Rozel," Brampton Rd., Plumstead, Cape Town, S. Africa.
Wood, Harry	April 1901 ...	H.G., Stanley Park, Blackpool.
*Wood, Mrs. H. P. (Madan)...	June 1919 ...	Whitehouse, Vowchurch, Hereford.
*Wood, W. L.	Nov. 1909 ...	The Duxford Nurs., Duxford, Cambs.
Woodhouse, P. J. C.	May 1923 ...	Elder Park, Govan, Glasgow.
Wray, Eric C.	Aug. 1937 ...	The Luxembourg Gardens, Paris, France.
Wright, C. H., A.L.S.	Aug. 1929 ...	Kew Cottage, Townsend, Seaton, S. Devon.
Wright, F. H.	Dec. 1933 ...	Botanic Gardens, Cambridge.
Wright, J. W.	Mar. 1924	
Wright, W. N.	April 1900 ...	"Roseleigh," 96 Semilong Road, North- ampton.
Wuyts, O. F. V.	Aug. 1915 ...	14 Vieux Chemin de Bruxelles, Ledeborg (Gand), Belgium.
Wyatt, Frederick G.	Dec. 1892 ...	H. G., Lisle House, Bournemouth.
*Wylie, James	Feb. 1882 ...	98 Davenport Rd., Durban, Natal.
Wyndham, Gordon T. F. ...	May 1937 ...	Botanic Garden, Hamburg, Germany.
Wyness, Miss E.	July 1919 ...	8 Mackenzie Place, Old Aberdeen, N.B.
*Yashiroda, K.	May 1926 ...	Tonosho-kyoku, Kagawaken, Japan.
Yencken, Miss A. (See Mrs. Troup).		
*Yeo, Miss M. L.	Mar. 1917 ...	Vicarage Cottage, S. Holmwood, nr. Dorking.
Yeoward, Daniel	Aug. 1889 ...	Fiji.
Young, Edwin C.	Oct. 1895 ...	Boslowick, Falmouth, Cornwall.
Younger, R. W.	Oct. 1933 ...	The Gardens, Gravetye Manor, East Grinstead.
Yuill, E.	July 1915 ...	Asst. Bio-Chemist, c/o Rowntree & Co., Ltd., York; and at Chingford, Ask- ham Lane, Acomb, York.
Zammit, Salvino	Dec. 1932 ...	Education Office, Auberge de France, Valetta, Malta.
*Zwicky, K.	Feb. 1931 ...	Eichbuhl, Hünibach, bei Thun, Switz.





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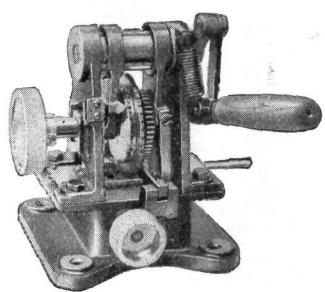


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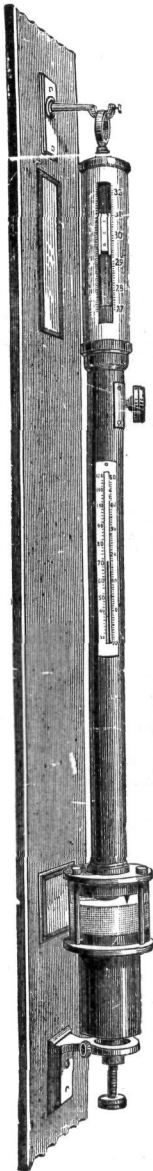
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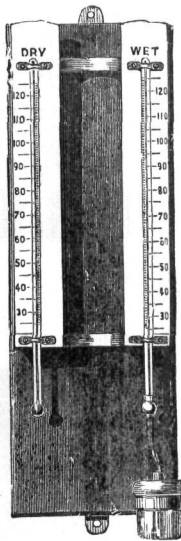
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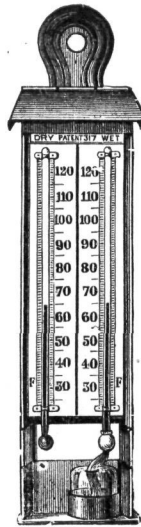
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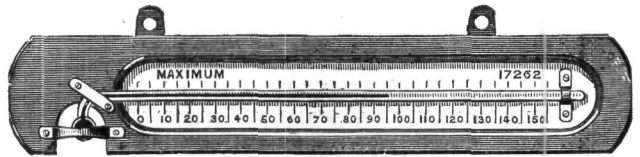
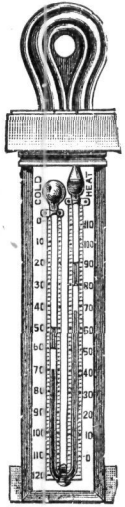
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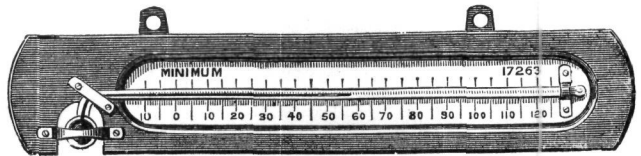
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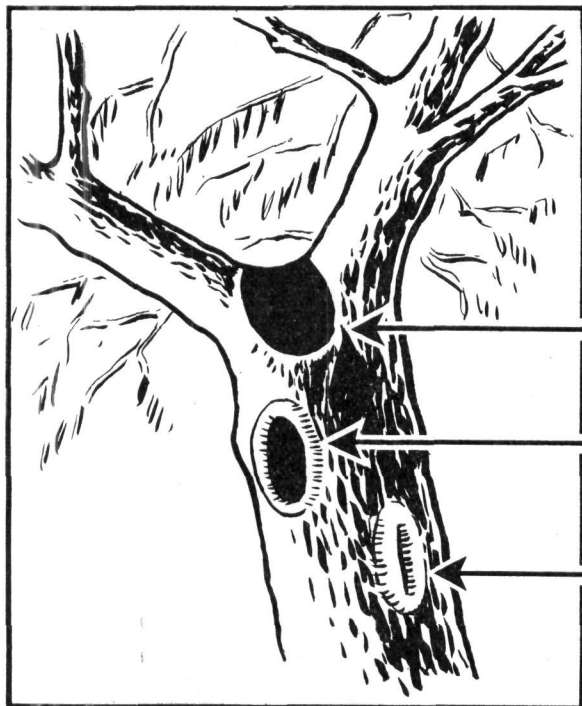


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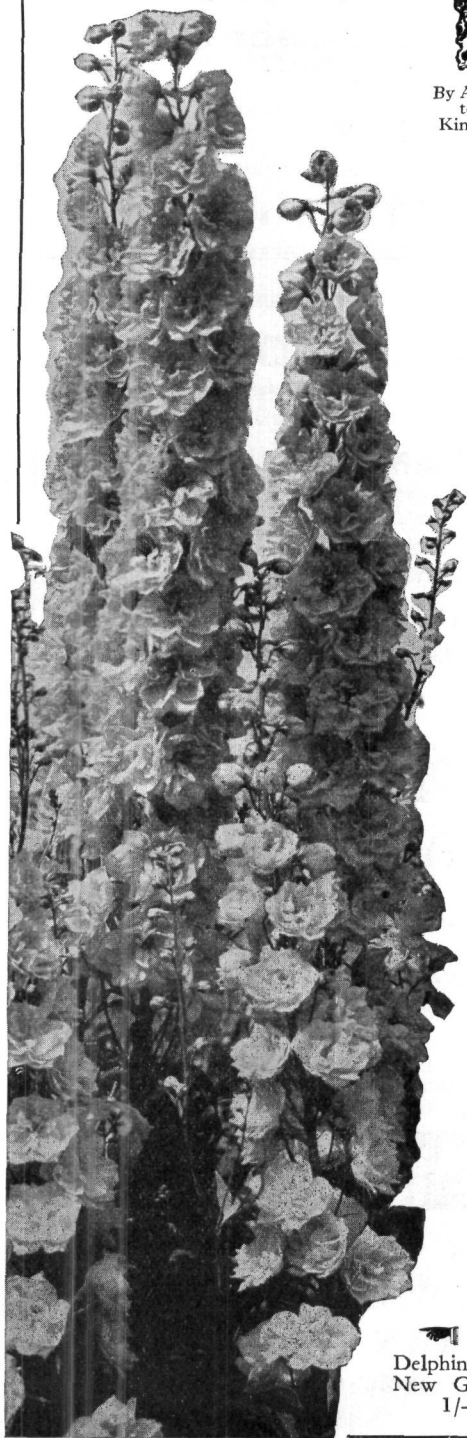
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