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—Frederick Douglas

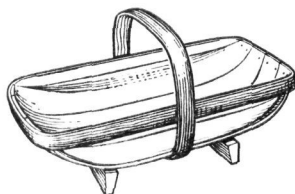
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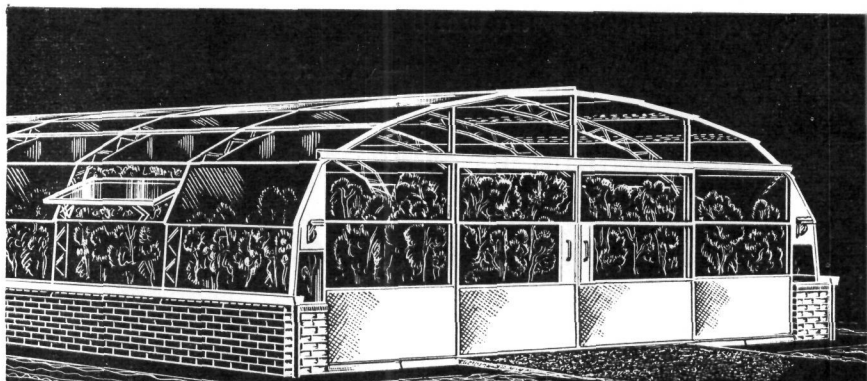
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632

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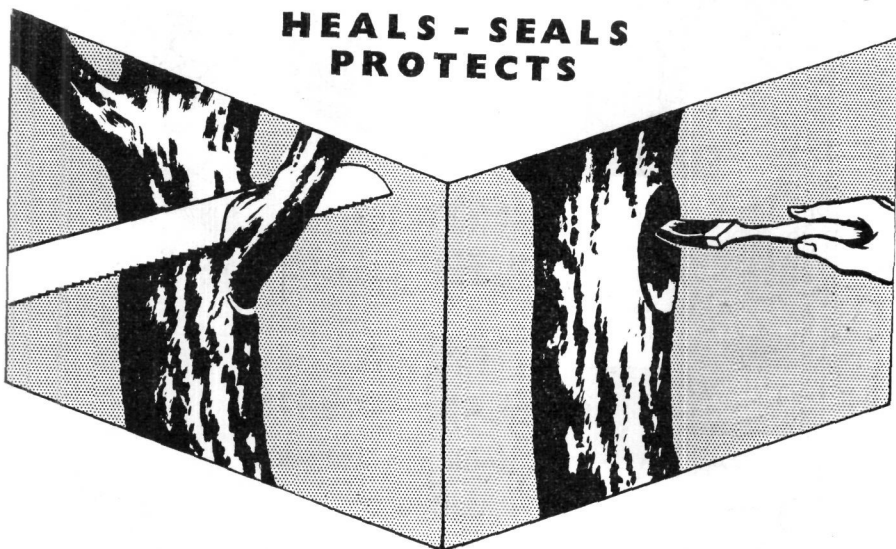
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THE
JOURNAL
OF THE
KEW GUILD

AN ASSOCIATION OF
MEMBERS OF THE KEW STAFF
PAST AND PRESENT

1958

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EDITORIAL

Many are cynical of the present generation. They are concerned over the loss of some of the older crafts and with the increased reliance of a large proportion upon the "centralised" and "laid-on" sources of entertainment. However, the first half of this century has offered much by way of development and scientific progress and in the view of future historians this will outweigh our shortcomings.

Both in the horticultural and botanical spheres advances have been made which involve the use of scientific aids, but the old-established skills and interests remain as important to our trades as ever. Even in the yet distant future, when machines and computers have taken over most of the manual and mental tasks, these skills will remain as important. The plants which have challenged the gardener's skill and patience in the past will continue to do so. *Elliottia racemosa* will be just as rare and as exacting in its requirements. The true species of certain plants, unadulterated by hybridisation, will be just as difficult to find and decide upon.

At least, then, in these closely allied professions, the old will not be left out completely—a very comforting thought for the Kewite, but the apparent security does not call for complacency. A plant may survive over a long period but in a weak condition and such could be the fate of the Guild. Admitted that the tap-root is strong and is firmly embedded in 66 years of progress and tradition, but we must ensure that the growth remains healthy and ripened sufficiently to cope with the future.

As Guild members we must ensure that the Kewite of tomorrow is of the right type, that he understands the importance of the traditional skills, that he is as enthusiastic and interested in plants—in other words that he in turn will shout "Floreat Kew" with just as much gusto and sincerity as ever.

MAJOR F. FLIPPANCE, F.L.S.

Frederick Flippance was born in 1891, his father being a farmer in Surrey. Our President began his horticultural career at "Merrow Grange" near Guildford. Here he was a contemporary with T. Sargeant whom he followed to Kew in 1913.

At Kew Mr. Flippance started in the Palm House under C. P. Raffill but, after one month's stay, he was transferred to the Orchid Department.

The 1914-18 war broke out and our President applied for enlistment only to be rejected on medical grounds. In 1915 he was transferred to the Herbarium Staff and became a Temporary Technical Assistant. On occasions he worked under Dr. Stapf.

In 1916 he was accepted for the army and was until 1919 on active service in France.

After demobilisation in 1919 our President was appointed Assistant Curator, Singapore Botanic Gardens. His journey out was taken with the newly appointed Assistant Director, the late Major T. E. Chipp. In 1921 he was transferred to Penang with a responsibility for all the local horticultural and botanical activities. The main gardens and the roadside plantings were also included in this charge. In this post our President gave many broadcasts and lectures and made a number of technical reports for various official bodies.

In 1937 Mr. Flippance was appointed Superintendent of the Botanical and Forestry Department, Hong Kong. Arriving in January, 1938, he put forward schemes and estimates for expanding the Department into a composite one, with Agriculture, Forestry, Botany and Horticulture as sub-departments. This report was approved by the Governor but the Japanese hostilities prevented it being put into operation until some years later. The Herbarium, containing many of the type specimens of the early Hong Kong collections was sent to Singapore for safe keeping. Fortunately they were not harmed by the Japanese and have since been returned to Hong Kong. Mr. Flippance, during his period of service in Hong Kong, was a Justice of the Peace.

During the period 1919 to 1941 our President served with the local defence units and finally held a major's rank. On the 8th December, 1941, Hong Kong was attacked by the Japanese. Major Flippance was made a prisoner of war on the 23rd December. The colony capitulated on the 25th December. So our President remained a P.O.W. until his release on the 30th August, 1945. At home he was reported as having been "killed in action," and later read his own obituary notice in the home papers.

On his release Major Flippance spent some weeks reorganising the Department before leaving Hong Kong on 3rd October, 1945.

Thus after an eventful career he retired in April, 1946.

ANNUAL GENERAL MEETING, 1958.

The Annual General Meeting of the Kew Guild was held in the Iron Room at 3 p.m. on Saturday, August 30th, 1958. The President, Mr. G. W. Robinson, presided with over 60 members present. The notice of meeting having been approved, the Secretary read the Minutes of the last Annual General Meeting, which were agreed. Arising out of the Minutes, Mr. Joy stated that no intimation had been given to members concerning the date of the Cricket Match. Whereupon Mr. Brown, Editor of the *Journal*, pointed out that the date was stated on the *Journal* available to members earlier in the spring.

The Committee's Report concerning the activities of the year was then submitted along with the nominations for Office during the forthcoming year. The report was adopted. The President then asked members to stand in silence in memory of those Kewites who had passed on since the last meeting. He called attention to the very large number and stated the loss to the Guild and Horticulture generally at the passing of such men as C. Curtis, F. S. Sillitoe and others. Mr. Preston asked that the name of J. Adamson should be added to the list.

The election of Officers then took place and the President moved Mr. F. Flippance to be elected President for the year 1958-59. He spoke of Mr. Flippance's work in Penang and Singapore and on the nomination being submitted to the Meeting, it was seconded and carried unanimously. Mr. Flippance thanked members for the great honour they had conferred upon him and then proposed Dr. T. A. Sprague as Vice-President. This was carried unanimously. The Committee's recommendations to fill the four vacancies on the Committee, i.e. Messrs. N. J. Prockter, D. V. Wells, C. E. Hubbard and Capt. R. D. Hogg, were then agreed. The Hon. Secretary, the Hon. Treasurer and Hon. Editor of the *Kew Guild Journal* were then re-elected. Student Gardeners representatives were Messrs. Risely and Williams, and Mr. J. Souster was invited to serve as Auditor for the coming year.

Mr. Sargent moved the adoption of the Balance Sheet for 1957 which had already been circulated to members and this was approved. The Secretary then read a letter from the Hon. Treasurer regretting his inability to be present at the Annual General Meeting and submitted the financial statement to date. In the discussion which followed, Mr. Milne-Redhead raised the question of the amount of annual subscriptions paid and it was suggested that a fixed price should be made for the *Journal*. Several members spoke on the subject and it was then decided to refer the matter to the Committee for their attention and subsequent report.

Mr. Coward, on behalf of the members, expressed appreciation at the tremendous amount of work which had been put into the Guild by the Hon. Treasurer, Mr. Stenning. His efforts had

resulted in the Guild having survived one of the most difficult financial crises of its history. This overcome, the Guild now had nearly £1,000 in its Jubilee Permanent Security Fund alone.

The Editor of the *Kew Guild Journal* stated that he was in the happy position of having been able to build up one *Journal* whilst the other was being published. He desired to thank all those who have helped and referred to the immense value of the pages devoted to "Notes and Gleanings" which serve to keep old Kewites conversant with all that was happening at Kew and also amongst themselves.

The Secretary regretted that samples of the Christmas Cards were not available for members to see. He reported that quite a good profit had been made by those sold in 1957 and this profit had been shared with the students. He requested members to bear in mind that cards would be available and hoped they would support this venture.

There being no other business, Mr. Robinson expressed the great pleasure it had given him to act as President during the past year and to have had the opportunity of seeing the work which goes on behind the scenes. Mr. Bullock then proposed a vote of thanks to the President, Committee and Officers for the work which they carried out so ably during the year. The Hon. Secretary then proposed a vote of thanks to the President, Mr. G. Robinson, for the efficient and kindly manner in which he had carried out his duties and on the way in which he had presided over the Meeting. Members showed their approval and finally one member asked that it should be recorded that this was the shortest and most peaceful meeting we have had for many years. The Meeting closed at 3.50 p.m.

ANNUAL DINNER, 1958.

The Annual Dinner was held on 21st May, 1958, at the Windsor Castle, Victoria, S.W.1. Over 150 members and guests attended. The toast to Her Majesty The Queen was proposed by the President, Mr. G. W. Robinson. Mr. Cyril Jones then took the lead in proposing the toast to our President. Stage by stage he outlined our President's career, the account of their student days at Kew causing a good deal of amusement. With pride he also recalled our President's botanical and journalistic achievements. Mr. Jones called for the toast with this concluding statement:—"Mr. President, we Old Kewites were not only delighted to hear that you had been appointed Curator of the University Botanic Gardens, Oxford, we think they were very fortunate to have you as their Curator. Your work has been your joy and pleasure for your whole life."

Replying, Mr. Robinson added colour to this account of his career by recalling his experiences in Chile, where the sombrero was considered an essential part of his administrative dress and was second place only to the revolver which was always carried on his person. In leading up to the toast to the Kew Guild, our

President laid emphasis upon the importance of the *Journal* to the Guild's future.

The prizes for the Mutual Society, the Botany Club and the Tennis Club were then presented.*

Mr. Pearce rose to introduce the guests—The Hon. Lewis Palmer, Mr. J. Russell and Mr. K. L. Morgan. His toast to "Our Guests," which was very warmly supported, was responded to by Mr. J. Russell. Mr. Russell concluded his reply by stating that he was somewhat perturbed when asked to respond to the toast of "Our Guests" until he met the Hon. David Bowes-Lyon, one of the guests for the previous Kew Dinner; he remarked—"You will be in splendid company, it was the nicest dinner I have been to."

Mr. W. M. Campbell, Secretary, called for a special welcome for those Kewites, stationed overseas, who were present at the Dinner.

Later, after recalling their former days at Kew, the members left with rich and happy memories of yet another successful Kew Dinner.

THE ASSOCIATION OF KEW GARDENERS IN AMERICA, INC.

The Annual Dinner Meeting was held on Thursday evening, March 13th, 1958, at Whyte's Restaurant, West 57th Street, New York, during the week of the International Flower Show. This was our first dinner meeting in several years and it was a happy occasion to have the ladies with us again and also to be able to greet some old Kewite friends whom we only see occasionally.

Mr. Henry Downer presided over the meeting after a most delicious dinner. He greeted the members and their wives and our guest, Mr. Harold Epstein, President of the New York Hortus Club and one of New York's outstanding amateur gardeners. Many notes and telegrams were read from Kewites in the United States and Canada who were unable to be with us.

Mr. Downer called on each member present to say a few words. George Ford told us of his new position in the experimental department at Longwood Gardens. Howard Swift enlightened us on the new educational programme at the New York Botanical Garden. Many interesting stories were told about life at Kew, but the most amusing remarks were by Joseph Reardon who still has a vivid picture of life at Kew during the First World War.

Our guest, Mr. Epstein, told of his association with Kew men and of his visits to Kew as he pursued the study and collection of plants for his garden. We were all sorry to learn of the illness of C. Van de Voet, one of our older members. The secretary, Mr. S. G. Cutting, called for a moment of silence in memory of the members who passed away during the year—Robert Cameron, S. G. Sayer and Archie Thornton.

* Please refer to the various club reports for details of the prize-winners.

Those present were :—Messrs. M. T. Fossum, W. Ing, J. Rearden, Mr. and Mrs. J. H. Beal, Mr. and Mrs. Sam Bridge, Mr. and Mrs. S. G. Cutting, Mr. and Mrs. Henry Downer, Mr. and Mrs. Montague Free, Mr. and Mrs. G. W. Ford and Mr. and Mrs. Howard W. Swift.

The meeting closed on a note of renewed hope for our organization as this was our largest meeting in almost a decade.

STEPHEN G. CUTTING, 1958, *Secretary-Treasurer*.

“KEWITES IN THE NEW WORLD”

The past twelve months has seen the gathering together of a number of Kewites here in Bermuda.

Last April on the occasion of our Annual Agricultural Exhibition, the department was privileged in having, from Canada, two Kewites present as judges. They were Messrs. James (Jim) C. Taylor, of Ontario Agricultural College, Guelph, and A. R. T. Buckley, of the Division of Botany, Central Experimental Farms, Ottawa, Ontario.

Together with Gordon R. Groves, who is our Director of Agriculture, J. Hubert Jones and myself, we established a record of five Kewites together in the Colony for the first time. It gave one a feeling of satisfaction to know that Hubert and I were present to represent the younger generation of Kewites, not that I am suggesting our companions were ancient in any degree.

In January of this year, Leslie Kynnersley and his charming wife Freda, made their first visit to our shores. Les. left Kew in 1951, and he is now lecturer at the School of Horticulture, Niagara, Canada. He brought with him good wishes from Roy Foster who is a more recent arrival to the Dominion.

The Department of Agriculture has been privileged by having the services of three Kewites in the past, all of whom made their mark upon both horticulture and agriculture in Bermuda. In 1904, Mr. Thomas James Harris came to Bermuda via Jamaica, as Superintendent. He remained in the Colony for some time eventually moving to Canada. It was with regret that we learned of his passing on in March of last year. The first person to be appointed as Horticulturist to the Department was Mr. Jack Naun, who came in 1928 and remained until 1935. Mr. Naun then moved on to Singapore, where he had the misfortune to fall into the hands of the Japanese during the last war. He came to an untimely death whilst in a prison camp. In more recent years, Mr. Gordon S. G. Scott has served with the Department, first as Reafforestation Officer and later as Horticulturist, eventually leaving us in 1956 to take up a position with Morton Arboretum, Illinois, U.S.A.

Pipe-dreaming I know, but there are so many Kewites on this side of the Atlantic now, how nice it would be to hold a convention here in Bermuda occasionally.

D. J. MOORE.

KEW GUILD GENERAL ACCOUNT, 1958

RECEIPTS	£ s. d.	EXPENDITURE	£ s. d.
Balance from 1957 a/c ...	286 9 1	Printing the 1957 Journal, 1,000 copies including Blocks and 500 Manilla Envelopes ...	247 10 1
Annual Subscriptions and arrears...	101 5 11	2,000 Receipt forms with counter-foil ...	4 8 11
Donations ...	13 16 9	Jubilee Security Fund (invested)...	30 0 0
Advertisements in 1957 Journal ...	84 10 0	Engraving Tennis Cups ...	1 5 0
Dividends—£26 6s. 3d. 3½% War Stock ...	0 18 4	Insurance Premium on Tennis Cups	0 7 6
Dividends—£500 3% War Savings—Sir A. W. Hill's bequest ...	15 0 0	Hon. Editor's and Hon. Treasurer's Postages, including overseas Journals ...	6 16 9
Dividends—£295 3% Savings Bonds (Jubilee Fund) ...	8 17 0	Balance in Post Office Savings Bank ...	264 3 7
Dividends—£220 3½% Defence Bonds (Jubilee Fund) ...	7 7 0		
Dividends—4½% Defence Bonds (Jubilee Fund) ...	17 10 9		
Dividends on £220 4½% Defence Bonds—W. H. Judd's bequest...	9 18 0		
Dividend on £300 New South Wales Stock, £4 10s. less tax, £1 18s. 3d. half year ...	2 11 9		
Interest in Post Office Savings Bank ...	5 7 9		
Balance from Tea ...	0 19 6		
	<u>£554 11 10</u>		<u>£554 11 10</u>

KEW GUILD CAPITAL ACCOUNT

LIABILITIES	£ s. d.	ASSETS	£ s. d.
Life Subscribers—		£300 3% New South Wales Stock	300 0 0
150 at £1 at half rate ...	75 0 0	£26 6s. 3d. 3½% War Stock ...	26 6 3
220 at £2 at half rate ...	220 0 0	£500 3% War Savings—Sir A. W. Hill's bequest ...	500 0 0
110 at £3 3s. at half rate ...	346 10 0	£200 4½% Defence Bonds—W. H. Judd's bequest ...	200 0 0
7 at £5 3s. ...	36 15 0	Valuation of Journals in Stock ...	158 15 0
Assets exceed Liabilities ...	770 19 10	Post Office Savings Bank	264 3 7
	<u>£1,449 4 10</u>		<u>£1,449 4 10</u>

WATSON MEMORIAL EDUCATIONAL FUND, 1958

RECEIPTS	£ s. d.	EXPENDITURE	£ s. d.
Balance from 1957 a/c ...	149 10 3	Refund of Parks Examination fees to T. F. Riseley ...	5 5 0
Dividends on £100 3½% War Stock	3 10 0	Balance in Post Office Savings Bank ...	151 9 8
Interest on Post Office Savings Bank ...	3 14 5		
	<u>£156 14 8</u>		<u>£156 14 8</u>
(Assets—£100 3½% War Stock and balance in Bank, £151 9s. 8d.)			

MATILDA SMITH MEMORIAL PRIZE FUND

RECEIPTS		EXPENDITURE	
	£ s. d.		£ s. d.
Balance from 1957 a/c	33 4 9	Prize awarded to D. J. Sales ...	2 2 0
Dividends on £50 3% Savings Bonds	1 10 0	Balance in Post Office Savings Bank	33 8 9
Interest on Post Office Savings Bank	0 16 0		
	<u>£35 10 9</u>		<u>£35 10 9</u>
(Assets—£50 3% Savings Bonds and balance in Bank, £33 8s. 9d.)			

DÜMMER MEMORIAL PRIZE FUND

RECEIPTS		EXPENDITURE	
	£ s. d.		£ s. d.
Balance from 1957 a/c	52 19 6	Prize awarded to T. F. Riseley ...	3 3 0
Dividends on £70 4% Funding Loan	2 16 0	Balance in Post Office Savings Bank	53 18 3
Interest on Post Office Savings Bank	1 5 9		
	<u>£57 1 3</u>		<u>£57 1 3</u>
(Assets—£70 4% Funding Loan and balance in Bank, £53 18s. 3d.)			

THE PROUDLOCK PRIZE FUND

RECEIPTS		EXPENDITURE	
	£ s. d.		£ s. d.
Balance from 1957 a/c	6 4 7	Prize awarded to H. Overeynder	1 1 0
Dividends on £25 4% Funding Loan	1 0 0	Balance in Post Office Savings Bank	6 6 3
Interest on Post Office Savings Bank	0 2 8		
	<u>£7 7 3</u>		<u>£7 7 3</u>
(Assets—£25 4% Funding Loan and Balance in Bank, £6 6s. 3d.)			

THE BENEVOLENT FUND, 1958

RECEIPTS		EXPENDITURE	
	£ s. d.		£ s. d.
Balance from 1957 a/c	124 7 7	Donation of £5 5s. 0d.	5 5 0
Donation	2 2 0	Balance in Post Office Savings Bank	124 6 3
Interest on Post Office Savings Bank	3 1 8		
	<u>£129 11 3</u>		<u>£129 11 3</u>

KEW GUILD WAR MEMORIAL FUND

RECEIPTS		EXPENDITURE	
	£ s. d.		£ s. d.
Balance from 1957 a/c	17 16 0	Nil	
Interest on Post Office Savings Bank	0 8 6	Balance in Post Office Savings Bank	18 4 6
	<u>£18 4 6</u>		<u>£18 4 6</u>

KEW GUILD DINNER, MAY, 1958
Held at the "Windsor Castle," Victoria

RECEIPTS		£ s. d.	EXPENDITURE		£ s. d.
Sale of Tickets—			To the Westminster Wine Co.		
111 at 18/- each	...	99 18 0	Ltd.—		
35 Students at 16/6	...	28 17 6	149 Dinners at 15/6 each	...	115 9 6
3 Guests	...	— — —	10% Service Charge	...	11 5 0
Deficit	...	1 7 0	Doorman's Meal, etc.	...	0 11 0
			Doorman's Gratuity	...	1 5 0
			200 Menu Cards	...	1 12 0
		<u>£130 2 6</u>			<u>£130 2 6</u>

KEW GUILD TEA, AUGUST, 1958. Held at Kew

RECEIPTS		£ s. d.	EXPENDITURE		£ s. d.
86 Members paid 3/6 each for			To Messrs John Gardner (London)		
Tea	...	15 1 0	Ltd.—		
1 Donation	...	0 3 6	86 Teas at 3/- each	...	12 18 0
			Balance	...	2 6 6
		<u>£15 4 6</u>			<u>£15 4 6</u>

KEW GUILD JUBILEE PERMANENT SECURITY FUND

RECEIPTS		£ s. d.	EXPENDITURE		£ s. d.
Carried forward from 1957 a/c...		877 0 1	3% Savings Bonds	...	295 0 0
Donations from 75 Members received and gratefully acknowledged	...	53 1 4	3½% Defence Bonds	...	220 0 0
Kew Guild General Fund	...	30 0 0	4½% Defence Bonds	...	395 0 0
			5% Defence Bonds	...	50 0 0
		<u>£960 1 5</u>	Cash in hand	...	0 1 5
					<u>£960 1 5</u>

CHRISTMAS CARDS, SALES FOR 1958

RECEIPTS		£ s. d.	EXPENDITURE		£ s. d.
1,424 cards at 4d. each	...	23 14 8	3,000 Greetings Cards and Envelopes, including 2 H.T. blocks and Purchase Tax	...	34 9 6
1,008 cards at 4½d. each	...	18 18 0	Balance	...	8 3 2
					<u>£42 12 8</u>
		<u>£42 12 8</u>			<u>£42 12 8</u>

Audited and found correct.

F. BALLARD

J. E. S. SOUSTER

Hon. Auditors.

KEW BOTANY CLUB.

The winter season began with a well-attended lecture on Fungi by Dr. Ramsbottom. He illustrated his lecture with slides, and afterwards discussed specimens which students had collected from the Gardens. This was followed in early November by a fungus foray to the Box Hill area.

In late November Mr. J. Souster gave a talk on Plant Nomenclature. He dealt first with the history of the subject, following with an explanation of the International Code and its application to horticulture.

During December Mr. R. A. H. Graham gave an illustrated talk on the "British Mountain Flora," whilst in January Dr. W. B. Turrill spoke on the subject of "British Trees and Shrubs," dealing with the subject from an ecological angle.

Another venture into the winter sunshine was made in February when Mr. Souster led a party to Box Hill. Also in February Mr. J. P. M. Brennan gave an illustrated talk on the "British Seaside Flora." This was followed in March with a talk on "British Grasses" by Mr. C. E. Hubbard. He dealt with their ecology and identification, the subject being illustrated with specimens collected around Kew.

The summer season commenced with yet another visit to Box Hill. Other local areas visited during the summer were the Syon House Grounds (on two occasions), the Boston Manor Canal, the Queen's Cottage Grounds, Kew, the Ashted area, Hounslow Heath, Osterly Park and Chobham Common. The "Orchid Trip" to the Sittingbourne area was made in early June and thirteen species of Orchids were found in flower. For the Annual Trip the shingle beds behind Dungeness were selected. Despite unfavourable weather conditions members experienced an interesting and enjoyable day. Also during July the Club made a day trip to the chalk areas of Hitchin, Mr. E. Milne-Redhead leading the party.

Five members submitted collections of the British Flora and the judges awarded the Dümmer Memorial Prize to Mr. T. Risely and the Proudlock Jubilee Prize to Miss R. Floyer.

In addition to those already mentioned our thanks are due to the President, Mr. F. N. Hepper, to Mr. J. Souster who acted as Deputy President, to the speakers and leaders, and to Mr. A. Cook, who acted as a judge.

T. F. RISELY, *Hon. Secretary.*

MUTUAL IMPROVEMENT SOCIETY.

The Annual General Meeting was held on September 8th, 1958. Mr. Brown was in the Chair. The following officers were elected for the year 1958/59:—Chairman, Mr. W. M. Campbell; Vice-Chairman, Mr. S. Pearce; Hon. Secretary, Mr. R. Coghlan; Hon. Assistant Secretary, Mr. P. G. Dean; Hon. Treasurer, Mr. A. L. Williams; Committee Members Mr. D. P. Ransom and Mr. A. T. Wood.

During the season 1957/58, seventeen members gave full papers and six gave lecturettes. Several meetings included a display of educational films as an additional feature. The average attendance was 33.7. During the summer, visits were made to Bedgebury Pinetum; to the Savill Gardens, Windsor; to Messrs. Jackman's of Woking and to the Grass Advisory Station of Messrs. Suttons, Reading. The support for these visits was very good.

The prizes for the Society's activities were awarded as follows:—

The Hooker Prize (given annually by the Director and awarded to the member who is considered to have done most help to the Society)—Mr. A. P. Paterson.

The C. P. Raffill Prize (given annually by the Curator and awarded to the best paper given during the session by an eligible member)—Mr. R. G. Thomas.

The Society's Prize (raised by the subscriptions of members and awarded to the member who has taken the most active part in discussions and debates)—Mr. D. J. Sales.

Thanks are due to Mr. Brown, our Chairman, and Mr. Souster, our Vice-Chairman, who have done so much this year to help the society.

RACHEL A. FLOYER, *Asst. Hon. Secretary*, 1957/58.

SYLLABUS.

Oct.	7	Malayan Orchids	Mr. G. H. Addison
"	14	Palms and their Economics	Mr. R. Thomas
"	21	Land reclamation in the Netherlands	Mr. H. Overeynder
"	28	Lecturettes—Messrs. A. T. Wood, J. F. Strabel and D. T. M. Storer.		
Nov.	4	Greenhouse Heating	Mr. T. Risely
"	11	Dutch Lights	Miss R. Floyer
"	18	Internal Debate—Messrs. A. L. Williams, T. F. Risely, D. T. M. Storer and Miss R. Floyer.		
"	25	Irrigation	Mr. A. Hart
Dec.	2	Polythene in Horticulture	Mr. A. Porter
"	9	Sports Turf	Mr. R. Johnson
"	16	Principles of Soil Sterilisation by Steam	Mr. R. Horsfall
1958				
Jan.	6	Horticulture in Bermuda	Mr. D. Moore
"	13	Termites	Mr. G. Smith
"	20	Apple Pruning	Mr. M. Collett
"		Strawberry Growing	Mr. I. Rooke
"	27	Hedges and Hedging Plants	Mr. M. Clift
Feb.	3	Vines under Glass	Mr. W. Marshall
"	10	Lecturettes—Messrs. C. V. Powell, D. W. Tabor and P. A. Catchpole.		
"	17	Cambridge Debate—Messrs. B. Carter and D. Sales.		
"	24	Some Aspects of Frost Hardiness	Mr. A. Paterson
Mar.	3	Alpine Plants of Switzerland	Mr. A. Vogt
"	10	Street Trees	Mr. L. P. Barker
"	17	Wisley Debate—Mr. A. Paterson and Miss M. E. Parkin.		
"	24	Gardens of Japan	Mr. L. Mills
"	31	North v. South Quiz—Messrs. T. Risely, R. Adams, D. Sales and A. T. Wood.		

SPORTS AND SOCIAL CLUB, 1958

The season has once again proved a great success due to the keen support of our members. At the Annual General Meeting, held in September, the following officers were elected :—President, Dr. C. R. Metcalf; Treasurer, Mr. S. A. Pearce; Chairman, Mr. N. Hickman; General Secretary, Mr. A. Pedley; Section Secretaries :—Social, Mr. K. R. Jones; Football, Mr. A. T. Wood; Athletics, Mr. A. Henshaw; Photographic, Mr. J. Jobsen; Cricket, Mr. R. Adams; Music, Mr. B. Carter; Netball, Miss M. E. Parkin; Herbarium Representative, Miss A. James; Mycological Representative, Mrs. B. Scurry.

Seven dances have been held since our last report and all have proved a great success, due we are sure to the extremely pleasant atmosphere at the Orleans Restaurant, Richmond, and the popularity of the Alan Smith Quartet, not forgetting the M.C's. At the Spring Dance, which coincided with the Kew-Wisley Race, we had the pleasure of the company of fellow students from Wisley, Cambridge, Swanley and John Innes. At the Summer Dance a new "battle" was fought with Wisley, namely, for the "KEW-WISLEY TANKARD." We regret to say that "the other place" won by a clear pint. We trust that this will not happen again!

The Christmas Party was an enormous success this year and the Fancy Dress Costumes were the "best ever!" The "Departmental Prize," a cake, baked and presented by Mrs. Metcalfe, was won by the Tropical Pits. Mr. Souster came in Fancy Dress with his department, a great achievement and one to be encouraged. Among the guests present at the Party were Dr. Taylor, Dr. Bor, Mr. Campbell, Dr. and Mrs. Metcalfe, Mr. and Mrs. Hubbard, Professor and Mrs. Hewer from the Imperial College of Science, and many "Old Kewites." Dr. and Mrs. Metcalfe and Professor Hewer and his Lady had the extremely difficult task of judging the costumes. The Ferneries Department, headed by Mr. E. W. MacDonald, did a skit on "What's My Line," much to everyone's amusement. The Dutch Auction was very popular and we thank all who took part in the bidding.

Much credit goes to Mr. A. Hart, the retiring General Secretary, for his great interest in the Club and the good work he did during his term of office. On behalf of the Club we have great pleasure in taking this opportunity of thanking him most sincerely.

We would like to thank Mr. and Mrs. Dunk for devoting their spare time in running the Whist Drives for us; we are truly grateful and would like to wish him good health in his retirement. As a token of our thanks we presented Mr. and Mrs. Dunk with a tray and glasses. Since Mr. Dunk's retirement, a rota has been set up whereby one committee and one other member of the Club are present each week to run the Whist Drives as our finances are dependent on their profits and our Members' Subscriptions.

It is always a great pleasure to meet "Old Kewites" at our functions, and anyone who is interested will be welcomed. Details

of our activities will be sent by return of post. We sincerely thank all those who have so willingly assisted in organising the various activities of the Club and we look forward to your continued support.

ALAN PEDLEY, *Hon. General Secretary,*
Sports and Social Club.

MUSIC CIRCLE, 1958-59

Winter and summer alike the Music Circle never fails to attract an eager audience, and the year that has passed since my last report certainly upheld that tradition to the full.

Wednesday evenings at 8.0 p.m., once a fortnight, is its usual place in our social life, and its success as a social function is due in no small measure to the untiring and ceaseless interest of our very good hosts, Dr. and Mrs. Metcalfe, in whose home we are privileged to gather. Indeed, their interest is not limited to this gathering alone but ranges far and wide over our social activities, for which I wish, on behalf of all Kewites, to express sincere thanks.

Programmes have been very varied in an attempt to cater for all tastes and have covered the fields of chamber, ballet, opera and orchestral music in all their varied forms. Records are obtained from Hammersmith Public Library and supplemented to a great extent from members' own collections.

The interval, with its bounteous supply of refreshments prepared by Mrs. Metcalfe, is enjoyed as much as the music itself and provides members with an opportunity for a "tête à tête." I often suspect that this is the real reason for the popularity of the "Music Circle"!

Carol singing proved extremely rewarding for the two charitable institutions for whom we sang shortly before Christmas. For the Star and Garter Home for Disabled Servicemen, Richmond, we netted £9 10s. 9d. on a very wet evening. Better weather a few days later brought us £14 14s. 2d. for Dr. Barnardo's Homes. Altogether a grand total of £24 4s. 11d., almost double last year's figure. Many thanks to those who participated.

It is with regret that I lay aside my duties as Secretary upon the completion of my two years at Kew. I would, therefore, like to record my sincere thanks to all those who have helped and supported me in making this such a pleasureable and memorable task. Thanks are also due to Mr. Heawood of the Herbarium staff and his wife, for acting as hosts for some two months during the absence of Dr. and Mrs. Metcalfe.

BRIAN CARTER, *Hon. Secretary.*

RUNNING SECTION

The "Wisley-Kew Race" was run on 22nd March. It was a Saturday afternoon, a dry day with a cold easterly wind. A new route was taken with the object of avoiding the level-crossing and the market at Kingston. The competitors finished up on Kew Green. The race was won by Wisley.

The "Clog and Apron Race" was held on the evening of 3rd September. With Dr. Taylor as official starter, the runners clattered down the length of Broad Walk to finish up by the Orangery. The race was won by A. Henshaw, his time being 55 secs. Miss R. Floyer and A. Porter took second and third places. Dr. Bor presented the prizes.

In the failing light of the evening of 30th October, the "Round the Gardens Race" was run with a field of 21 competitors. As the runners finished by the Orangery it was almost dark. By torch-light the complicated results were analysed and the winners decided upon. R. Adams was first, T. Wood, second, and D. Waterman, third. The Decorative Department were announced as winners of the team event. The prizes were then presented by Dr. and Mrs. Metcalfe.

A. HENSHAW, *Hon. Secretary.*

CRICKET SECTION, 1958.

Of the 18 matches which were arranged for the season three were cancelled because of bad weather. The remaining 15 resulted in 6 draws, 2 defeats, 2 ties and 5 victories.

A good start was made for the season with a home win over Ilford Parks Dept. by 6 wickets (Nicholson 4 for 9). There followed an away win over Heston Methodists by 4 runs (G. Smith 6 for 15). At home against Mathersea St. Mary's, the game was drawn when defeat appeared imminent, whilst in Rotterdam we achieved an exciting tie and a victory. The next two games resulted in defeats, Salem C.C. beating us by 41 runs, Cambridge Botanic Gardens by 52 runs (Nicholson 6 for 19).

The two games which followed resulted in face-saving draws. Victoria St. John C.C. required only one more wicket in order to win by 90 runs, whilst Richmond Nomads C.C. scored 169 for 5, to which Kew replied with 73 for 9 (Parker-Nance 41 not out) when stumps were drawn. An away draw against Ilford Parks Dept. (Parker-Nance 44 not out), was a fair result. Rain stopped play in the home match against Cambridge Botanic Gardens.

The Old Kewites' match again proved to be disappointing as only six Old Kewites wished to play. The side which was made up by Gardens' staff was defeated by 14 runs.

The return match with Salem resulted in a draw, only shortage of time preventing a certain Kew victory. R. Parker-Nance made the best score of the season with 53 runs. Heston Methodists were defeated by 16 runs on 9th August (Parker-Nance 5 for 20). Finally in the home match against Wisley there resulted the second tie of the season.

R. Parker-Nance topped the batting averages with 35 runs, Currie was second with 21 runs. G. Nicholson once again led the bowlers, taking 19 wickets with an average of 7.2. R. Adams took 27 wickets with an average of 9.5 runs.

T. F. RISELY, *Hon. Cricket Secretary.*

THE CRICKET CLUB IN HOLLAND.

At the invitation of the Victoria Cricket Club, Rotterdam, the Gardens team visited Holland in late May and played in two matches. The invitation was initiated through one of the Victoria Club's members, Mr. H. Overeynder, a student gardener at Kew. The team members stayed at the homes of the various club members.

The first match was played against the Rotterdam School of Economics. Included in this team were many well known guest players. The wicket was a "matting" one over "slab." Kew batted first. They were strangers to such a slow wicket and several bad strokes were seen. The Kew score was 71. The match developed until finally this score was equalled but, amidst great excitement, the last wicket fell to produce a tied game.

Again in the second match, this time against the Victoria Club, Kew batted first. The team scored 159 runs. With only five minutes to spare before the scheduled close of play, the Victoria team were dismissed for 92 runs.

After the match the Kew team members were entertained to a Chinese dinner in the clubhouse by the Victoria Cricket Club. As a token of thanks for their hospitality the Captain of the Kew Team presented the Victoria Club with a cricket bat engraved with the Kew Badge and signed by all its members.

During a farewell ceremony at the airport the Kew party presented Mynheer Coen Willense, the Club's secretary, with an initialled cigarette lighter. All were impressed by the wonderful hospitality which they had received during the visit.

T. F. RISELY.

LAWN TENNIS CLUB.

Again the weather was not particularly kind to the Club during the 1958 season, and on a great many club-days play was impossible. Membership showed a slight improvement in spite of an increase in the annual subscription and the general standard of play was quite satisfactory.

Only two of the six matches, arranged on behalf of the Club by Mr. J. P. M. Brennan, were played, both on the Kew courts. Kew defeated Queen Elizabeth College by 7—2 and beat the British Museum (Natural History) by 5—3, with one match unfinished, after some very good games. The Staff versus Students contest resulted in a sound beating of the Staff team by the Students, also by 5—3, with one match unfinished. Other matches were unfortunately cancelled, some because of Kew's inability to raise a team, but most on account of the weather or the wet condition of the courts.

The Proudlock Cup Competitions attracted a fair number of entries, and in spite of the weather were completed before the Club closed for the season. Mr. R. J. Claiden, the Hon. Treasurer, won the Men's Cup by beating Mr. Fanshawe in the final, whilst

Mrs. Milne-Redhead, the Match Captain, beat Miss D. M. Catling in the final of the Ladies' Cup.

The Club is again indebted to the Curator and to Mr. S. W. Rawlings for the work done on the courts. Their condition, as a result, has continued to improve, and at the end of the season they showed very little sign of wear. It is hoped that, in a few years time, the lawns may, once again, be fully worthy of the Royal Botanic Gardens, Kew. Mr. C. W. Preston, the Groundsman, had a difficult task in preventing the lines being washed out. He spent many hours of his leisure working on behalf of the Club, which greatly appreciates his services.

E. MILNE-REDHEAD.

PHOTOGRAPHIC SECTION

Four meetings were held during the summer. At these, many interesting hours were spent as members showed and discussed their slides. Also Mr. Gordon Smith showed his slides of a holiday in Norway and Mr. Gilkison of his stay in America.

During the winter monthly meetings were held. At the first, a comparison of monochrome and coloured slides was made. This was followed at the next meeting by a demonstration on slide mounting. At the next meeting various slides of European scenes were shown. Finally, at the last meeting of the year, selected slides lent by a photographic firm were shown. Also on this occasion a photographic society was introduced to the members.

J. JOBSEN, *Hon. Secretary.*

* * *

Overheard at Kew by Student Gardener, A. Pedley.

Two ladies walking towards the Sherman Hoyt House :—
“You must see this painting on the wall ; it makes the cacti look real.”

Little Girl—“Don't the men wear big shoes, Mummy ?”

Mother—“They're to stop their feet wearing out, darling.”

* * *

“But to return to the LABOUR, because there is nothing excellent which is to be attained without it. A Gard'ner's work is never at an end ; it begins with the year, and continues to the next. He prepares the ground, and then he sows it ; after that he plants, and then he gathers the fruits. But in all the intermedial spaces he is careful to dress it ; for as Columella, speaking of this continual assiduity tells us, a gard'ner is not only to reckon upon the loss of bare twelve hours, but of a whole year, unless he immediately set about the doing that which ought to be done that very instant.”

JOHN EVELYN'S SILVA, 1670. 2nd ed.

THE GRASSES USED FOR LAWNS BY
THE IMPERIAL WAR GRAVES COMMISSION.
SOUTHERN REGION.

The Southern Region of the Imperial War Graves Commission is based in Rome and is responsible for the maintenance of cemeteries in some fifty countries ranging from the Balkans to Southern Rhodesia and Madagascar, and from Malta to Persia.

It is the Commission's policy to establish lawns wherever possible. This policy has raised many problems over a wide expanse of varying conditions and grass lawns have been established in some countries where they were hitherto unknown.

The greater number of grasses used are of the stoloniferous and rhizomatous types found in the warmer climates. Various seed mixtures are used in the Balkans and Northern Italy; Rome and immediately South is a border line where mixtures are doubtful and the winters too cold for *Cynodon*, although it flourishes in the Summer. The answer here is *Cynodon* with clover for winter cover or else *Agrostis stolonifera* var. *stolonifera* which is propagated vegetatively.

Further South, tropical grasses are used, these are propagated vegetatively and the clonal stocks produce even swards of good colour which are almost weed free. It is possible to establish a lawn from stolons dibbled out at 6-12" intervals within two to three months providing the ground is well prepared and water available. The choice of suitable grasses is wide and one has to choose the most suitable for each site as a suitable grass in one district may become a rampant weed in another with more rain. The following grasses are used in Southern Region : —

Axonopus compressus : used mainly in West Africa where the rainfall is high ; rather a slow grower.

Cynodon dactylon : widely used as lawn grass in the tropics. Is very strong, becoming a pernicious weed in its more rampant forms. The finer forms are known by local names such as Sowerby, Maadi River, Bradley, etc., being used in S. Italy, Greece, Levant, Iraq, Egypt, Libya, Sudan, E. Africa and S. Rhodesia.

Cynodon repays good initial treatment and annual top-dressings with manure or compost, but becomes brown during cold spells in S. Europe. *Cynodon magennii* and *transvaalensis* are two fine grasses used for features. *Cynodon* is occasionally grown from seed.

Digitaria swazilandensis : Swaziland grass is useful for a quick, drought resistant cover in Kenya but becomes rampant in the rainy season.

Pennisetum clandestinum : Kikuyu grass is used extensively in the highlands of Kenya but is invasive and requires frequent mowing. Also makes a good lawn in Israel and is fairly drought resistant.

Paspalum notatum: a rather coarse grass. Gives a good sward at lower altitudes in Kenya, is hard wearing, does well under shade and requires less mowing than the others. Finer leaved American strains which have recently been introduced into E. Africa show promise.

Stenotaphrum secundatum: St. Augustine grass is again coarse, but the thick sward is drought resistant. This grass is used mainly in North Africa, Cyprus and Israel. It bronzes during cold spells but is not unattractive.

S. dimidiatum is a coarse species from Pemba useful in E. Africa for rough areas under trees, two cuts a year only being necessary.

Zoysia japonica and *Z. matrella*: used extensively by the Commission in the Far East but are slow growing. So far no use has been made in Southern Region although good lawns exist in Morocco and Israel. Recent trials show that *Z. japonica* may be useful in S. Italy being fairly hardy.

Agropyron repens: the common couch is used for cemeteries in Gallipoli where water is very scarce. A sward is obtained by sowing chopped stolons. This gives green colour May to July, the natural weed growth providing the winter cover.

Lippia repens: a grass substitute useful in dry situations and for banks. It rather resembles a Chamomile lawn and is very free flowering when the lilac flowers attract a myriad of bees. *Lippia* is used in Cyprus, the Lebanon and S. Italy.

There are many other grasses in use of course, but the foregoing is a selection of those used by the Commission and found satisfactory for lawn cemeteries.

F. HEBDEN, N.D.H.,

Deputy R.H.O., Southern Region.

KEW PALACE PIPES

Probably the commonest bygone that turn up in gardens are clay tobacco pipe bowls and Kew Gardens being largely composed of made-up ground is no exception.

Until quite recently little was known about the various types of clay pipes. But it is now possible to accurately date them through a means of classification devised by *Mr. Adrian Oswald, the clay tobacco pipe expert, to whom I am indebted for checking my own dating and for identifying the makers.

The earliest pipes from the Gardens that I have seen date from c. 1640-1660, though—doubtless—earlier ones dating from the late 16th century occur. The latest end with the middle of the 19th century.

A large number recently dug up by our Editor on the site of the Castellated Palace (an early 19th century structure) date from 1640 to 1840, the majority belonging to the 17th century. These latter range from c. 1640-1670, c. 1670-1690, c. 1680-1700, c. 1680-1710 and c. 1680-1730, representing most of the types to

* Adrian Oswald, *The Archaeological News Letter*, 3:10, 153-159 (1951) and 5:12, 243-250 (1955).

be found in the Gardens. Probably the profusion is due to rubbish being deposited here from the Dutch House nearby, which was rebuilt in 1631.

So far the earliest pipe found there marked with the initials of its maker (*R.L.*) dates from c. 1680-1700. There is a duplicate of this type in the Guildhall Museum.

Appropriately enough two of the bowls are marked with royal insignia: one bears the Royal Coat of Arms and the other the Royal Standard. The former, marked *M.T.*, is thought to have been made by Mortimer Thomas, who was given the Freedom of London in 1689, so making the Arms those of King William III. The latter is a Dutch pipe made by the Family of Verzijl (1729-1806). Such pipes as these, however, were not restricted to Royal Households, but were general throughout the country.

Another 18th century pipe, c. 1710-1780, from the Palace site was found by Mr. D. A. Reid. This is marked *D.C.*, the initials of Daniel Crabbe of St. James, Clerkenwell, who took an apprenticeship in 1723. Another specimen is known from Chiswick Eyott.

Only two pipes date from the period of the Palace, i.e. early 19th century: one, c. 1810-1840, is marked *I.C.* and the other, c. 1820-1840, has the inscription, *E. Spaul, Bermondsey Street, S.E.9.* on the stem. Nothing is known about the maker and a search through the old street directories failed to produce his name.

Mr. P. Adshead found a fragment of an early 19th century pipe in the Gardens bearing the initials *H.C.* It is believed to have been made by Hannah Clark, who was working in Holborn in 1832.

The introduction of briar pipes about this time gradually brought to an end the clay pipe industry, though there are still a few makers managing to survive in this country.

So next time you dig up a clay tobacco pipe spare a thought for these craftsmen—disappearing worthies of Old England blessed with their satisfied minds.

J. L. GILBERT.

* * *

STOP PRESS

We regret to record the death of Miss Gertrude Cope, who left Kew in 1898. She was one of the first women Kewites and was a former Swanley College girl. An obituary will appear in the next issue.

WEDDING BELLS

Mr. Walter C. Fishlock (1900) to Mrs. Hasker.

Mr. William J. Ing (1905) to Mrs. Lulu Ellsworth at Pompton Plains, U.S.A., on 21st July, 1958. (See below).

Mr. D. John Sales (1958) to Miss Lyn Thompson at the Annunciation Church, West Chislehurst.

Mr. R. Millard to Miss Rita G. Briggs at St. Mary's Church, Handsworth Wood, on 4th January, 1958. (See Notes and Gleanings).

Mr. C. Jeffery to Ruth Alice Cory at St. Peter's-in-the-Forest, Walthamstow, on 16th August, 1958.

Mr. Leo Pemberton (1954) to Miss Melda M. Perry at St. Luke's Church, Bromley Common, on 17th May, 1958.

William J. Ing (1905) was married to Mrs. Lulu Ellsworth on 21st July at a twilight ceremony in a rose garden at Pompton Plains, U.S.A. The couple met as members of the Pompton Plains Fellowship, a group of retired men and women. The bride—"a widow with several lovely grown married children. Her first name is Lulu. She has lovely grey hair and a sweet smile. The wedding was so sweet. It is the first wedding in their widow 70 group. It is the golden age club and all the ladies and gents were there to witness. They were so sweet and lovely to talk to, 65 of them. The ceremony took place by a fish pond.—They had a delicious wedding cake and orange punch, also raspberry punch. On the cake ornament the bride and groom had grey hair." The Rev. E. T. Jones officiated. The septuagenarian couple then had a Florida honeymoon.

Our congratulations and best wishes Mr. and Mrs. Ing, and we hope you are both happy in your new home.

ENGAGEMENTS

Mr. D. J. Moore, Reafforestation Officer, Bermuda, announces his engagement to Miss Kathleen Mortimer, Bermuda. The betrothal took place on New Year's Eve, 1958.

Miss Audrey Dunk, who celebrated her 21st birthday on 17th July, 1958, at the same time announced her engagement to Mr. Anthony Sceats.

* * *

An appreciation:—"After a complete silence on both sides—some 48 years almost to the day after we both left Kew—a delightful exchange of correspondence now takes place, and all because of the address column covering Old Kewites!"

J. W. ANDERSON.

KEW GUILD JOURNAL, 1908—50 YEARS AGO

President: W. W. Pettigrew.

Vice-President and Chairman of Committees: W. Watson, A.L.S.

Vice-Presidents: W. B. Hemsley, F.R.S., and W. J. Bean.

Chairman of the Mutual Improvement Society: A. Osborn.

(The Hooker Prize was awarded to W. B. Little
for his talk on Roses).

Lecturer on Plant Pathology Mr. G. Masee, F.L.S.

“Mr. J. Hutchinson, who was last year appointed temporary assistant for India at Kew, has successfully passed through his probationary period.”

“Mr. T. F. Chipp has relinquished his post at Kew in order to study for a University Degree.”

“Mr. C. H. Middleton appointed Assistant to Carter & Co.”

“It was remarked in the press that ‘several of the Kew “boys” bemoaned the fact that no Leap Year dance was included in the programme.’”

Two well-known publications recorded:—

W. J. Bean—*The Royal Botanic Gardens, Kew.*
Cassell & Co. 20s.

W. Dallimore—*The Holly, Yew and Box, with Notes on other Evergreens.* Cassell & Co. 20s.

The death of George Nicholson is recorded on 20th Sept., 1908. He was the first President of our Guild—“A man of science and a gardener.”

* * *

“Descent of the ‘Banshee.’—The ‘Banshee’ is a balloon owned by John Dunville, Esq., of whisky fame. She holds the long distance prize for 1908 in the race from Berlin, and in her flight from London to Berlin her pace was one mile per minute for the greater part of the journey. But she is capable of slow travelling. On December 3 at 2 p.m. she alighted in the Gardens, having taken about 3 hours to travel the six miles from her starting-point, Battersea. A fog prevailed on earth, but at 2000 ft. the voyagers reported brilliant sunshine and lack of wind.”

* * *

“It may interest all members of the Guild to know that present-day Kewites are quite as keen on acquiring professional knowledge, scientific as well as practical, as were their predecessors. During the disagreement about the lectures at Kew, most of the gardeners attended elsewhere lectures and practical demonstrations in the following subjects, —————. Many certificates from the Board of Education, the Society of Arts, and the Royal Horticultural Society were thus obtained, a list of which would dispose of the suggestion that the action of the men with respect to pay and lectures was actuated by unworthy motives.”

NOTES AND GLEANINGS

"The chief object of the Guild is to 'watch' and record the careers of its members."
W. J. Bean.

* * *

The Queen and the Duke of Edinburgh will attend the celebrations at Kew on June 2nd, 1959, to mark the inauguration of the Gardens, two hundred years ago.

* * *

AWARDS

Mr. W. Dallimore has been awarded the "Holly Certificate of Honour" by the Holly Society of America for outstanding contributions to the "Greater Appreciation and Scientific Knowledge of Holly."

The Victoria Medal of Honour has been conferred on Mr. F. P. Knight. Mr. S. A. Pearce and Mr. P. Conn have been awarded the Associateship of Honour of the Royal Horticultural Society.

Dr. J. Hutchinson received a Darwin-Wallace Centenary Silver Medal at a meeting of the Linnean Society held in the Memorial Lecture Hall of the Royal Geographical Society on July 15th. The medal was presented by the President of the Linnean Society in recognition of Dr. Hutchinson's work on the classification of flowering plants. Dr. Hutchinson was one of twenty who received this award.

Mr. J. R. Sealy has been awarded the R.H.S. Veitch Memorial Medal in Silver and £25 for his book "Revision of the Genus *Camellia*."

Dr. W. B. Turrill now holds the Gold Medal of the Linnean Society for his distinguished services to botany.

On behalf of all Kewites we offer these gentlemen our hearty congratulations.

* * *

We congratulate the following present students and Old Kewites on their successes:—

NATIONAL DIPLOMA IN HORTICULTURE, 1958.

Finals. Section 1. General:—

L. Carn (1953); T. H. Farrar (1953); A. P. Paterson (1958).

Final. Section V. Horticulture in Public Parks:—

A. P. Dunball (1953).

DIPLOMA OF INSTITUTE OF PARKS ADMINISTRATION, 1958.

I. M. Heughes (1951); C. L. Richards (1949); T. Risely (1958).

DIPLOMA OF INSTITUTE OF PARKS ADMINISTRATION, 1959.

J. Clark (1946).

Mr. T. Tomlinson, a Student Gardener who entered Kew in 1957, is the first Kewite to pass the Examination for the Arboriculture Certificate set up by the Royal Forestry Society of

England and Wales. This was out of a total of five who passed the first examination.

* * *

In 1957 Mr. J. S. L. Gilmour was appointed to serve on the R.H.S. Council. Mr. Gilmour represented the R.H.S. at the Second World Orchid Conference in Honolulu in September, 1957.

At the Fifteenth International Horticultural Conference, held at Nice in April, 1958, Mr. Gilmour acted as Chairman at two meetings of the International Commission on Horticultural Nomenclature and Registration.

Mr. D. V. Wells (1936) has been invited to join the Technical Committee of the Roads Beautifying Association.

Mr. R. Sudell (1915) is a Council Member of the Institute of Landscape Architects, 1958/59. He is also a Past President of the Institute.

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Australian Flower Stamps. "The first three of the stamps depicting the Australian flora are to be issued this year. They will show the Flannel Flower, Waratah and Christmas Bells, and were designed by Miss Margaret Stones, an Australian working at Kew Gardens, who has achieved an international reputation as an outstanding botanical artist." (*Stamp Collecting*, 24/1/1958.)

Miss Stones continues her work on the illustrations for the *Botanical Magazine*. She also produced the illustrations for *Modern Shrubs* by E. H. M. & P. A. Cox.

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A valuable collection of 1798 specimens, made by L. J. Brass on islands off the east coast of New Guinea whilst on the 5th Archbold Expedition, has been purchased for the Herbarium by the Bentham-Moxon Trustees.

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The Curator, Mr. W. M. Campbell, left for Dominica at the request of the Government of the island, on 27th September, to carry out a review of the conditions in the Botanic Garden there. In Dominica Mr. Campbell, in addition to preparing a report on the gardens, prepared layouts for six Parks and Open Spaces, and reported on other aspects of town planning in the two chief towns of the island, Roseau and Portsmouth. Mr. Campbell also collected a considerable number of ferns, orchids and other plants and despatched these to Kew. He collected some fungi for Dr. Dennis and a number of specimens for the Herbarium. Returning via Barbados and Bermuda, Mr. Campbell was a guest of the Government in the latter island. Accompanied by Mr. Gordon Groves, the Agricultural Superintendent who left Kew in 1937, a thorough inspection was made of the Botanic Gardens and the various open spaces and proposed developments in the island. Two other Old Kewites, Messrs. D. Moore and H. Jones, took part in the tour. Our Secretary returned on December 14th.

Mr. S. G. Harrison, who is investigating plants on the Intermediate Savannas of British Guiana which may be causing cirrhosis of the liver in cattle, has already collected 860 numbers of living as well as dried plants. He has also visited other parts of the country, including the Rupununi. During his tour he is acting as Curator of the Jenman Herbarium.

Dr. R. W. G. Dennis returned from Venezuela on 7th September, having spent eleven weeks in that country collecting and recording Agarics. He was also able to make a collection of over 300 flowering plants.

Mr. F. N. Hepper returned on 10th April from his plant-collecting expedition to the British Cameroons and Nigeria. He spent a fortnight in Ghana on his return where he attended the West African Science Association Conference. He afterwards spent ten days in Sierra Leone before flying home.

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A weekly "Herbarium News" sheet is produced by Mr. Hubbard, the Keeper of the Herbarium. Included in this publication are details of the official visits to the Herbarium, notices of staff appointments, resignations, etc., in addition to various other announcements. Sheet No. 1 was produced on the 11th October, 1957. Copies are duplicated and a limited circulation is made among staff members.

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Mr. A. L. G. Sapper has resigned after serving for ten years in the African and Cryptogamic sections of the Herbarium.

Mr. Harry Ruck retired in October, 1958, after 51 years of service at Kew. He was awarded the Imperial Service Medal shortly before he retired. A large number of Old Kewites must have met Harry in the Stores on their first day at Kew to be handed a pair of clogs, an apron and a budding knife. Many, too, must have received consignments of plants packed by Harry after they had left Kew.

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NEWS FROM OVERSEAS

SOUTH AFRICA.

The January, 1958, issue of *Park Administration*, the Official Journal of the Institute of Park Administration (South Africa), displayed an illustration of *Leucospermum nutans* at Kirstenbosch. Shown in the background was the Curator, Mr. H. F. Werner (1943) with a visitor.

Kewites are very active in the Institute of Park Administration, South Africa. Here is some of the proof:—

Mr. F. W. Thomas (1928), Chairman of the Durban Branch.
Mr. C. C. van Ryneveld (1938), Com. Member of the Durban Branch.

Mr. W. G. Sheat (1943), Chairman of the District Branch.
 Mr. H. F. Werner (1943), Chairman of the Western Province.

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The Eastern Province Wild Flower Society (S.A.) contains some very active Kewites. Major Long (1908), the Society's Chairman, has lectured to the Society on "Some Observations of our S.A. Flora and its Conservation." Major Long has sent us a complete copy of his lecture but, alas, we have not sufficient space for it. However, here is an extract:—

"Another rare plant is the 'Inkambati' palm, *Jubaeopsis caffra* Bece, an ally of the 'Coconut' only found in three isolated spots on river banks in Pondoland. A beautiful specimen may be seen growing at the Duck Pond (so called) near the Swimming Bath in St. George's Park.

"The origin of this particular plant invokes interesting reading. The late William Armstrong, an auctioneer of Port Elizabeth and a keen plantsman, managed to procure seed. Two only were germinated by my predecessor, John Butters, and these were planted at the head of the Armstrong family vault in South End Cemetery. William Armstrong died and was interred but in re-opening up the grave the two priceless palms were thrown out on the adjoining path. The caretaker, in spite of being warned to take great care of these rarities, came across them after four days, exposed in the sun. I hurried them over to the hot house in the Park. One survived and this is now the specimen at the Duck Pond, growing alongside water in its natural conditions. The Pondoland group have been declared a National Monument (No. 49)."

Also Mr. L. Prosser (1938) has spoken on "Floral Gems of the Veld" and Mr. Stayner (1934) of Victoria Park on "Disappearing Flora of the Eastern Province." Mr. Stayner has collected in this area for many years. He found a new *Gasteria* and a *Haworthia* that are named after him.

* * *

Mrs. Noel Urton, wife of the late George Urton (1939) also lectured on *Ericaceae*. The many friends of the late George Urton (obituary in 1956 issue) will be interested in this, and also in the following section of the Chairman's Report of the Society:— "On 9th November, 1957, a very full gathering was made at the Van Stadens Flower Reserve (Port Elizabeth) for the express purpose of unveiling a plaque set up in the memory of George Urton who died on 8th November, 1956. The plaque was designed by Mr. G. H. Atkins and carried out in a copper casting. "To George Urton, a founder of this Reserve," and was fixed to a natural rock at a point mid-way between the two sections of the reserve. The dedication was carried out by the Rev. Abbot. Many friends and admirers of George willingly and spontaneously subscribed to this memorial, realising that his was the initial energy

and foresight which made our Society an active body for the preservation of our glorious local flora.

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Nearly a hundred different species of indigenous South African plants ranging from the true Suikerbossie, which the Voortrekkers used to sweeten their coffee, to the famous silver tree of Table Mountain, are being grown in St. George's Park, Port Elizabeth, for planting in Settlers Park in the Baakens River Nature Reserve.

Of this development Major R. F. Long writes in the *Eastern Cape Naturalist*, February, 1958—"The area must not be laid out on too formal lines. The Nature Reserve idea must be preserved to full extent. Let there be wandering paths, shady nooks for picnickers and for bird watchers. Let the schools be encouraged to hold classes for the instruction of biology and nature studies.—I have the greatest confidence in the officials of our Parks Department, who have the development work of this Reserve under their control: Mr. F. J. Cook (1921), the Director of Parks and open Spaces, with his eight years experience at Kirstenbosch before he joined us, and his Deputy Director, Mr. L. N. Prosser (1938), who had much to do with the development of 'The Wilds,' that exceptionally fine collection of living South African Flora in Johannesburg, and who has extensively collected in many parts of the Union."

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ERRATA IN 1957 "JOURNAL"

Mr. L. N. Prosser is Deputy Superintendent at Port Elizabeth under Mr. F. J. Cook not Major F. R. Long, who retired from the post of Superintendent in 1944.

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AUSTRALIA.

Mr. T. R. N. Lothian (1940), the Director of the Botanic Garden, Adelaide, gives this news of Kewites in Australia :—

Mr. Percy Trevaskis (1927) holding the post of Superintendent of Parks and Gardens, Department of Public Works, in the Government of Victoria, is responsible for the planning and laying-out of all ornamental plantings surrounding hospitals, schools, and other institutions controlled by the Victoria Government.

Mr. Jack Lawson has been with the State Electricity Commission as Superintendent for at least 20 years.

(These three Old Kewites met early in the year at the Annual Convention of the Inst. Park Administration of Victoria. They found time to pose for the camera.—We hope to print an excellent photograph which resulted in the next issue.)

Mr. R. M. Hardie is the Plant Propagator at Adelaide Botanic Garden.

CANADA.

Mr. Brian Andrews (1956) has been appointed to the position of Supervisor of Maintenance for the City Parks Department, Edmonton, Alberta, Canada.

Mr. R. R. Forster (1957) finds that there is plenty of scope in his work at the Hort. Exp. Stn., Vineland, Ontario. He writes of Landscape development, propagation and plant breeding. Under Dr. Palmer (the raiser of "Picardy"), *Gladiolus* and Lilies have been hybridised on an extensive scale. Mr. Forster refers to some very fine yellow "trumpet" lilies which have just been raised there.

In a recent letter Mr. G. E. Carr states that he "has returned to Canada for good and has gone into the florist business."

BERMUDA.

During the summer Mr. G. R. Groves of Bermuda was on leave in England with his family.

Mr. Roy Thomas commenced his duties as Head Gardener with the Hamilton Corporation, Bermuda, on 30th December, 1958. Kewites who visited the Bedgebury Pinetum during the summer found Mr. Thomas on the staff and busily botanising among the collections in his spare time. Again, Kewites visiting Westonbirt in the autumn found him hard at work and again using all his spare time in extensive botanising trips among the magnificent plantings of that vast arboretum. Few are in a position to follow Roy to Bermuda; he has the lead there! But we can feel confident that he will make full use of his opportunities there. With our other Old Kewites he is in grand company. Good luck, Roy!

Mr. Donald J. Moore's home leave from Bermuda coincided with Mr. R. Millard's wedding date. He was the "best man." Also attending were Messrs. T. Elton, P. G. Dunn, and J. S. McCracken. Mr. Moore kindly gave an illustrated talk on "Horticulture in Bermuda" to the Mutual Society on 6th January, 1958.

EAST AFRICA.

Mr. Eddy V. H. Rolls (1948) is enjoying life in Nairobi with his wife and four year old daughter. His next door neighbour in the Park is Frank Brown, a former seed collector in the Arboretum, while Brian Perkins (1950) lives next door but one.

Dr. P. J. Greenaway (1925) has now retired and is living at Muduga, outside Nairobi. He hopes to continue his botanical interests, in preparing a number of papers for publication and in collecting in some of the more remote parts of East Africa.

CEYLON.

Mr. S. B. Tennakoon is now in charge of the Botanic Gardens at Gampaha, about 20 miles from Colombo. His duties include

making a weekly inspection of the residential gardens of the Governor-General, the Prime Minister and the Chief Justice of Ceylon. In addition he is called upon to advise on the layout of other Government Department gardens. Included is the landscape work connected with the Ceylon Army Cantonment, an area of over 500 acres.

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WEST AFRICA.

Mr. Geoffrey Manger was on leave from West Africa during the summer of 1958. He has returned to take up his post of Assistant Farm Manager at the Rival Training Centre, Asaba, W. Nigeria.

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BAHAMAS.

Mr. H. H. Parker (1952) is responsible for two estates in the Bahamas, one in Nassau and one on Hog Island which is about a quarter of a mile from the main island. He and his wife live in a small cottage on Hog Island.

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IMPERIAL WAR GRAVES COMMISSION.

Capt. R. D. Hogg is now Regional Horticultural Officer for the Southern Region with Mr. F. Hebden as Deputy R.H.O. Mr. R. G. Wall is the Regional H.O. for the Northern Region.

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NEWS FROM THE HOME PARKS

APPOINTMENTS.

Mr. D. Hubbard (1953) has taken the post of Deputy Park Superintendent to the Borough of Chelmsford.

Mr. P. Wheatcroft (1954) has now been appointed Assistant Superintendent of Parks to the Royal Borough of Kingston-upon-Thames.

Graham Littlewood has been appointed Chief Technical Officer in the Corporation Parks and Cemeteries Department at Belfast.

Mr. H. Hind (1956) is now a Technical Assistant on the L.C.C. Parks Department. He is at present engaged upon the design and lay-out of gardens attached to schools and to old people's homes.

Mr. Donald MacGuffog (1951) was appointed as Senior Divisional Superintendent in the Parks Department, Sheffield, in June, 1958.

In July Mr. E. C. Neighbour (1957) was appointed as Horticultural Assistant, A.P.T.I., in the Architects Department, Landscape and Playing Fields Section, of the Derbyshire County Council.

Mr. F. A. Jackson (1948) has been appointed to the position of Park Superintendent, Southern Area, Stoke-on-Trent. He took up his appointment on 1st April, 1958.

INSTITUTE OF PARKS ADMINISTRATION.

Mr. P. W. H. Conn (1923), Chief Superintendent of Parks for the City of Liverpool, was the President of the Institute of Park Administration, 1957/58. In addition to his Fellow Membership of the Institute of Park Administration, Mr. Conn is a Licentiate Member of the Institute of Landscape Architects and a Fellow Member of the Royal Society of Arts.

The President for 1958/59 is Mr. C. R. Stock, F.Inst.P.A., Superintendent of the Borough of Beckenham. Mr. Stock has served on the Council of the Institute since 1936. He serves on several committees associated with Playing Fields and was one of the pioneers of the Play Leadership and Games Warden scheme.

At the Annual Conference of the Institute in September, 1958, Mr. P. F. McCormack (1936), Deputy Superintendent of Liverpool, gave a paper on the "Horticultural treatment of areas subsequent on controlled tipping of household refuse."

One of the Associate Editors is Mr. W. H. Howell, F.L.S., D.I.P.A. Mr. Howell, who is Deputy Superintendent at Beckenham, gave a paper on "Bowling Greens set from Seed," at the quarterly meeting of the S.W. Branch.

One of the two papers sponsored by the Institute at the 1958 Public Works Congress in November was given by Mr. P. W. H. Conn, "Horticultural Lectures and Demonstrations and their effects upon a City."

Mr. W. E. Storey spoke to the London Branch on "Tree Pruning and Maintenance" in January, 1958. Mr. Storey is with the L.C.C. Parks Department.

Cheltenham Spa claims to be "The Garden Town of England." Mr. C. L. Richardson (1949), the Department's Superintendent, has written an Illustrated account of the planning and lay-out of Hester's Way Park, a new feature of Cheltenham in the *Park Administration Journal*, March, 1958. He deals with the Department as a whole in the October issue.

At a meeting of the S.W. Branch Mr. Richardson was presented with the Diploma Inst.P.A. and was congratulated on his success in the Institute's Examination. Mr. Richardson is married with a family.

In the June, 1958, issue of *Park Administration*, Mr. R. C. McMillan (1928), Director of Manchester Parks, writes an illustrated account of the fine parks under his charge.

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EDUCATION NEWS

Mr. D. J. Sales (1957) has been appointed as a Lecturer in Horticulture at the Essex Institute of Agriculture, Writtle.

Mr. E. H. Worraker (1954) is at present organising Rural Science for the schools. He is on the staff of The College of Further Education and Horticultural Institute, Wisbech.

He has met a number of Old Kewites, including Mr. W. C. Ward, the local N.A.A.S. Officer, who is engaged in the control of Apple Scab.

Mr. L. Pemberton, whose wedding bells are announced in this issue, is finding his work in Worcestershire very interesting (see page 467, 1957 issue). He finds that the local authorities are very keen on the Council House Gardens Competitions. Just the job for a hot summer's day, Leo!

Mr. W. Corbett has been appointed Extra Mural Organiser for Horticultural Education for the Kent Education Committee involving the organising of day-release classes, evening classes, short courses for growers; the organisation of lectures and demonstrations for home gardeners and allotment holders and the operation of a panel of horticultural lecturers and judges, etc. An evening class for playing field groundsmen has been organised. Mr. Corbett's association with Kent dates back to 1930, when he was appointed as Advisory Officer in Glasshouse and Market Garden Crops. In 1945 he became Principal of the Kent Horticultural Institute. In 1945, on amalgamation of the Kent Farm and Horticultural Institutes, Mr. Corbett was appointed to present post.

Mr. A. G. Turley (1949) is now in charge of a section of the glass at Norwood Hall Horticultural Station, Southall. This station is financed by the Middlesex County Council Education Committee under the supervision of Mrs. Frances Perry.

Mr. P. G. Turley (1949), Granville's brother, is with Kingston Corporation.

Students' Day was held at the Herbarium, Kew, on 10th May, 1958. There were over 500 visitors; included among these were representatives from Universities, Colleges, Schools, Institutions and Societies.

An extensive range of exhibits was set up in the Herbarium by the Staff, while conducted tours of the living collections were led by members of the Gardens Staff.

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GARDENS NEWS

Further reconstruction and development of the Rock Garden was continued during the year. The N.W. corner facing the Sherman Hoyt was cleared of the trees and shrubs, and several hundred yards of soil brought in to give added height to the high outcrops which were to be constructed. In the course of rebuilding several deep gullies were formed which in addition to giving pleasing views into the lower part of the Rock Garden also provided good growing conditions for many *Ericaceae* and other peat loving plants.

Meconopsis and *Primulas* made a pleasing feature among the Rhododendrons at the south end of the Rock Garden. Several

species collected in Nepal in 1954 flowered for the first time, and in common with others the flowering period was much prolonged by the wet conditions.

* * *

On Saturday, 5th July, sixty members of the Lily Group, Royal Horticultural Society, visited the Herbarium and Gardens at Kew.

They first visited the Herbarium where an exhibit of drawings, bulbs and fruits of *Lilium* and *Fritillaria spp.* was arranged. Of the drawings displayed were the originals produced by W. H. Fitch for the monograph upon the genus by H. J. Elwes.

Later the members made their way through the Rock Garden to the border by Cumberland Mound. They inspected the groups of lilies which have been planted for a natural effect among the Rhododendrons and in association with *Primulas* and *Meconopsis*.

The new Lily-beds which have been formed on the side of Cumberland Mound facing the Rock Garden were inspected with great interest. These beds, informal in character, are set in grass among Birch trees and are planted with associated woodland plants in addition to lilies.

Of special interest to members was *Lilium maritimum*, a dwarf species which is a native of the sphagnum bogs of the Pacific coast of N. America.

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Trees having large limbs that could prove a possible source of danger have been safeguarded by the bracing of branches with flexible steel cable. The method of fixing did not involve drilling of the limbs and the strong steel cable should provide many years of adequate support without further attention. Experimental work has been continued with a bituminous tree wound sealer which contains a copper fungicide. The results so far have proved very satisfactory and have been borne out by the work done elsewhere.

* * *

In general the bad weather conditions at Kew have not favoured the collection of viable seed, especially those of a dry nature. Rhododendrons have been particularly poor. However, the generally adverse conditions appear to have encouraged three species which do not normally fruit at Kew.

—*Maclura pomifera*, a deciduous tree, which produced one of the large citrus-like fruits, four inches in diameter.

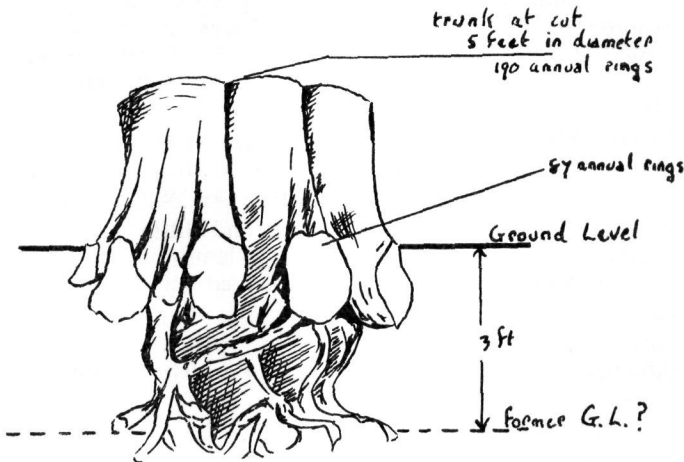
—*Podocarpus alpina*, a low evergreen, shyly displayed a quantity of its red plum-shaped fruits.

—*Meliosma veitchiorum*, a rare deciduous tree, yielded a mere dozen of its "cherries."

Unfortunately one of the large beeches which of necessity had to be removed in the spring of 1958 was that growing on the edge of River Walk by the Rhododendron Dell and at the end of the vista running between this point and the Orangery.

The surprise came as the butt was removed for, as shown in the diagram the tree had during its lifetime produced two sets of roots, with a distance of approximately three feet between each set.

Perhaps the history of this area provides an explanation for this phenomenon?—The valley at present occupied by Rhododendrons was formerly known as Hollow Walk. The site had been excavated under the direction of "Capability" Brown in 1773. Could the tree in question, with 190 annual rings, have then been a sapling?



Sir William Hooker began to plant the area with Rhododendrons about a century ago. This operation may have involved some re-shaping, and it is possible that during such an operation the trunk of the beech tree, which was then already 80 to 100 years old, was buried to a depth of three feet. The present levels within the immediate vicinity would support this view.

Such an earthing might promote the production of an additional root system just below the fresh ground level. The original root system would under such conditions be expected to die through lack of aeration and starvation as the new healthy system took over its work.

All very speculative—yes, but there was the butt, the upper set of roots "living," and the lower set dead.

Rebuilding and extension of the Orchid show houses was continued during the summer. The engineers installed new hot water pipes and valves, and made provision for a heating coil to be installed at a later date in the border outside the new house. The new show houses provide much more light, more headroom, and better growing conditions. Following on the completion of the work in late autumn, work commenced on furnishing the houses. The two largest houses are devoted to tropical and sub-tropical orchids, which are being geographically arranged on tree timber and tree fern stems. A natural effect is thus obtained and rock and timber used to furnish the ground beneath with orchids being planted on the rocks and between the crevices. Epiphytic plants such as Bromeliads and ferns are being added, and this new arrangement when completed should illustrate well how these plants grow in nature.

An electric soil warming cable was laid under a part of the bed in the Australian House, as it seemed possible that higher soil temperatures would favour some plants liable to root rots under our conditions. The flowering of *Clianthus formosus* and of *Anigozanthos manglessii* in a most adverse summer suggested that some benefit was being obtained.

In the Melon Yard three automatic oil-fired boilers were installed in the stoke-hole near the Iron Room. The Arboretum Nursery was equipped with oil-fired boilers last year.

In the Temperate House a rare and little known plant, *Elinghamita johnsonii* (Myrsinaceae), endemic in West Island, Three Kings Islands, New Zealand, flowered for the first time.

In the Cactus and Succulent House, No. 5, among the noteworthy plants which flowered were: *Agave bouchi*, *Cereus argentinensis*, *Ceropegia sandariana*, *Pereskia aculeata* and *Selenicereus donkelaeri*.

* * *

“We are two lions—,” yes, but not of the species *Felis leo*, the king of beasts, the undisputed chief of the cat tribe. We have several characteristics which distinguish us from the Landseer lions of Trafalgar Square. We are a pair of Chinese Guardian Lions. Mythological creatures? Maybe, but beautifully carved and weighing ten tons apiece.

The Gardens are now the proud owners of these two fine guardian lions which stand on either side of the steps on the south-east side of the Palm House Pond. They were presented to Kew by the late Sir John Ramsden, Bart. The very considerable cost of transporting this pair from Bulstrode, Gerrards Cross, Bucks., was defrayed by Sir John. Their vintage is at present undecided and the work may date back to the Ming Dynasty (1368-1644). This worthy gentleman also presented Kew with a Venetian well-head and two other statues in addition to a number

of valuable shrubs. Included among these were twenty, six foot Rhododendrons, a number of large specimens of *Acer palmatum* varieties and a fifteen-foot high specimen of *Camellia cuspidata*.

The Acers have made a fine bed, positioned a few feet from the Temperate House on the Cafeteria side. The Camellia is on the walk by the Kew Road wall.

To aid the establishment of the Camellia after transplanting, the main branches were girdled with an inch layer of damp sphagnum moss while the specimen was almost enclosed by a temporary screen of brushwood.

All are living—except the lions!

* * *

Some clearance was made early in the year in the area of the promontory at the western end of the lake. After grassing down it has been planted up with the British narcissus—*N. pseudonarcissus*, the attempt being to create a natural effect. In the early part of this winter the work of clearance at this end of the lake has been continued.

The plantings of the British Primrose—*Primula vulgaris*—have also been continued with in the Queen's Cottage Grounds. Aiming at a natural effect, suitable excavations have been made and have been filled with a heavy clay soil prior to planting in order to encourage good growth. Over five hundred primroses were donated by the Forestry Commission for these plantings. The actual plants came from Westonbirt. Three bushels of our native narcissus were also planted in this area. In this case the bulbs were kindly donated by Sir Henry Price, Wakehurst Place, Sussex. Five-hundred flowering sized bulbs of *Lilium martagon* were also planted, mainly in the Queen's Cottage Grounds. These were donated by the Bursar, St. John's College Gardens, Cambridge.

* * *

The planting up of the Erica Garden on the site which was formerly known as the Rose Dell has now been completed. The site is pleasantly undulating and is ideal for these plants. Approximately 20,000 Erica plants were used. Three-thousand plants were kindly donated by Dr. Fletcher, Director of Edinburgh Botanic Garden. The remainder have been propagated in the nursery and on the site itself. For the speedy and large scale propagation of Ericas the best method is to set the parent stock plants out deeply in the autumn. In the following autumn the plants may be lifted and divided. Some of the freely rooting types yield as many as 30-40 rooted pieces from each plant. Certain modifications may become necessary as this planting matures and the present layout and planting should not be regarded as having reached a state of absolute finality.

The planting up of the Species Rose collection has now been completed. In most instances the plants are at least seven feet apart each way, two-hundred different recognised species and

varieties being represented. The collection is classified botanically according to the method adopted by Rehder. Wherever the particular species has been unobtainable "fillers" have been used, to be removed when the required species are available.

In like manner the Ribes, Philadelphus and Deutzia species collections are being dealt with and the planting of these should be completed by the spring of 1959.

* * *

Frank Kingdon-Ward, O.B.E., F.L.S., V.M.H., died on 8th April in London after a short illness. He was 72 years of age. Thus has passed away one who ranked amongst the greatest of the plant collectors of Burma, China and Tibet.

Strangely, it was only during March, 1958, one month before his death, that a prominent group of *Rhododendron Wardii* was planted in close proximity to the Ruined Arch.

One collection of this species has an early K.W. number, -529, and was discovered in 1913. Forty-five years ago—yet it remains, unsurpassed among Rhododendrons! The lovely clear, yellow flowers set against the glaucous green and characteristically oval leaves, have a freshness and an unspoilt charm which must surely spring from the very heart of its native haunts, the wild and remote hills of the Western Yunnan. A species which will forever remind the plantsman of one whose name is tinged with the colour and romance of the now distant and fast receding era when the plant hunters enriched our gardens with so many beautiful treasures.

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KEWITES AS AUTHORS OR CO-AUTHORS

J. S. SEALEY

"A Revision of the Genus *Camellia*"—R.H.S. Pub. 70s.

E. HAHNEWALD

"Wild Flowers in Colour"—Descriptions by J. Hutchinson.
Penguin Books, Ltd. 17s. 6d.

W. B. TURRILL

"Curtis's Botanical Magazine"—Current Vol. 172. Parts 1 & 2.
R.H.S. Pub.

A. A. BULLOCK

"Indices Nominum Familiarum Angiospermarum Prodrromus"
Reprinted from *Taxon*. 7 (1), 1-35. 1958.

S. A. PEARCE

A revision of "Trees and Shrubs for Amateurs" by W. J. Bean.
Dr. G. TAYLOR, Mr. F. P. KNIGHT, Mr. W. M. CAMPBELL and
Mr. S. A. PEARCE helped in the production of "Trees in Town
and City" published by H.M. Stationery Office, 7s. 6d.

STELLA ROSS-CRAIG

"Drawings of British Plants"—Part XI (*Droseraceae, Ficoidaceae*)
and Part XII (*Umbelliferae* (1)). Bell, 1958. 9s. 6d.

Major F. R. Long has kindly sent the following publications: —

Report No. 13 (1956), Dept. of Nature Conservation, Union of South Africa. A very interesting and well illustrated report. Here are two extracts: —

“The total flora of South Africa probably numbers about 16,000 species. Of these approximately 4,000 are at present under cultivation at Kirstenbosch.”

“However, the climate of Kirstenbosch, with our long winter rains, is not suitable to grow all plants of the more arid regions. For this reason the Karoo Garden, a branch of Kirstenbosch, was established near Worcester a few years ago. Here we possibly have the largest collection of South African succulents in the world growing in the open.”

“Protected Wild Flowers of the Cape Province (Part 3)” — a pocket size publication which completes a series. Under the Wild Flower Protection Ordinance, no flowers may be picked within 50 yards of any public road or, without permission, on public or private property. Wild flowers may not be hawked and can be sold only at registered sites. Protected wild flowers may be sold only by registered nurseries.

One looks forward to the day when a similar but suitably modified set of restrictions are imposed in this country with the bluebell as one of the protected flowers. The sight of large bunches of these flowers tied in a wilted condition on to cyclists' carriers is pitiful.

This publication is very well illustrated and is obtainable from The Controller of Stores, P.O. Box 2710, Cape Town, 2s. 6d. each part.

* * *

Mr. G. B. Treadwell, the National Secretary of the Wild Life Protection Society of South Africa, kindly sent the September, 1958, issue of “African Wild Life”. It contains an outstanding article by Margaret L. Wicht—“Forests Fringe our Coastline”.

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A Guide to Glasgow Botanic Gardens was published in 1958 by the Corporation of Glasgow Parks Department. It has been written by the Director of the Parks Department, Mr. G. H. Garside, J.P., and by Eric W. Curtis (1956), the Curator and a former Editor of this *Journal*. The Guide, priced at one shilling is well illustrated and is packed full of information. Eric has under his charge, among many fine plants, the magnificent tree fern and filmy fern collections, both unrivalled elsewhere in Britain.

1958	Rainfall in Inches	Temperature		Grass Av.
		Maximum Av.	Minimum Av.	
January ...	1.82	45°	33°	31°
February ...	2.57	49°	35°	34°
March91	49°	34°	32°
April ...	1.24	56°	38°	37°
May ...	2.35	65°	46°	44°
June ...	4.15	69°	51°	50°
July ...	2.48	73°	55°	52°
August ...	2.94	71°	54°	51°
September ...	4.71	70°	53°	51°
October ...	2.35	63°	45°	43°
November ...	1.90	53°	40°	37°
December ...	3.16	47°	37°	33°
Total ...	30.58			

KEW, ITS WEATHER AND PLANTS

"Sing a song of seasons,
Something bright in all."

—Robert Louis Stevenson.

Against a background of appalling weather conditions made up by a dry cold spring, a very wet summer and autumn and by extended foggy periods in the early winter, work generally has progressed at a satisfactory pace, whilst the collections have thrived and put on very good growth for the second season running.

The early subjects were marshalled into flower by New Year's Day, as a result of the very mild weather we experienced in the December of 1957. However, such favourable conditions did not last for long and in the first half of January the thermometer dropped on four occasions to below freezing point. During the third week temperatures steadily dropped and on the nights of 22nd and 23rd January 12° of frost were recorded. One by one the winter blossoms became seared and shrivelled until only those of the ever hardy *Hamamelis* species and varieties remained.

Soon after we entered February snow fell, but it melted suddenly as milder conditions prevailed. The first few yellow crocuses were soon joined by the majority, whilst the snowdrops, planted under natural conditions almost twelve months previously, flowered profusely. On the 10th, 14th and 15th of this month the day temperatures reached 60°F. and above. Such conditions soon brought *Cornus mas* and *Abeliophyllum distichum* out in full flower. A few days later *Forsythia giraldeana* was in full display; with the pale primrose yellow blossoms against the dark matt green of the foliage of a nearby yew tree, the effect was perfect. Almost as soon as the blossoms had expanded, the slender

branches of this plant were stirred by a light eastern breeze which soon intensified into a steady cold stream which continued, off and on, for several weeks. However, March was dry and the winter's programme was completed in perfect conditions.

The mowing was started towards the end of March, but this was interrupted by snow. Two inches fell on the 4th-5th April. With such a cold scene, and with *Prunus yedoensis* and *P. sargentii* still unopened, the reluctance of winter in giving way to the spring season was only too apparent. However, the temperature readings gradually rose and the last frost was recorded on the 15th April. By the end of the month a reading of 74°F. was reported. The retarded spring flowering plants suddenly burst forth into blossom almost overnight. *Rhododendron adenocarpum* was outstanding, the "apple-blossom pink" flowers were produced to perfection. Still but little rain fell and such a dry spring was not favourable to the vast stretches of naturalised Narcissus species and varieties, and the displays from these plants, lovers of the heavy and retentive soils, were very poor indeed. The Magnolia species and varieties, on the whole, blossomed to perfection. *M. kobus* was outstanding in this respect. *M. cambellii* was, on the other hand, very poor. At Kew in 1956 it flowered very well, but few buds were produced in 1957. Now, in 1958, the blossoming was poor as many of the buds had been frosted at an earlier date.

The large scale irrigation of the Rhododendron plantings was in full swing by the end of April, but threats of a serious drought receded as a period of frequent and heavy rains set in towards the end of May. The wettest Whit Monday for fifty years provided the light gravel soils of Kew with a high moisture content, which was to be maintained throughout the remainder of the growing season and into the autumn. On two days, the 26th June and the 3rd September, over 1.4 inches of rain fell. Areas which are normally only soft and swampy during the winter months remained in such a condition continually. June, "glorious June!", so often one of the most colourful months in the garden passed by to be placed on record as the wettest since 1912. But, at Kew, June was also outstanding for the blaze of colour brought about by the profusion of blossoms in the Iris Garden. Strange perhaps to the layman, but a season which is generally pronounced as a bad one often proves to be an ideal one for a number of plants.

Autumn developed with an extension of the rains. The Sorbus and Cotoneaster species, heavy from a phenomenal crop of fruits, hung even lower as they dripped under frequent and heavy deluges. During the early part of October the weather brightened and some good autumn colour developed. Outstanding was the specimen of *Carya ovata pubescens* on the Kew Walk, near Lion Gate. The foliage turned to a rich golden yellow and held for three weeks, giving a glorious display.

The first frost of the season, one of two degrees, was recorded on the 31st October but, although there were several ground frosts,

the screen temperature did not drop below 30°F. Rather did the "season of mist and mellow fruitfulness" develop into one of fog and rain. However, the fruitfulness of autumn was still evident at the end of the year. Remarkably, the birds have been very light in their feedings. The warm glow from the heavily laden Cotoneaster and Sorbus boughs as they reflected the pale winter sunshine was fully appreciated, for at Kew, with its high bird population, the onslaught upon these crops is usually quick and decisive.

So the year ended with most of the glass at Kew having been washed free of the "black" from the fogs at least three times, and with such half-hardy plants as *Gazania splendens* in flower with foliage intact and healthy. A bad year? Maybe for the visitor to Kew but not, definitely not, for the plants growing therein. A wet year suits them best.

POSITIONS TAKEN BY STUDENTS ON LEAVING KEW DURING 1958

Atkinson, Miss A. L. M.	Asst. Lecturer in Horticulture, Studley College.
Barker, L. P.	Richmond Parks Dept., later student, The Grotto, Inst.P.Admin.
Catchpole, P. A.	Messrs. Sutton & Sons, Ltd., Trial grounds, Slough.
Clift, M.	Messrs. J. Waterer & Son & Crisp, Bagshot.
Dean, P. J.	Gunnersbury Parks Dept.
Collett, M. J.	
Floyer, Miss R. A.	City of Bath Teachers Training College.
Hart, A.	I.C.I. Research Stn., Jealotts Hill, Bracknell.
Horsfall, H. R.	Leeds P. D., later The Grotto, Inst.P.Admin.
Johnson, R.	Motspur Park, later The Grotto, Inst.P.Admin.
Marshall, W. S.	Wood Green Parks Dept.
Mills, L. C. R.	
Morgan, Miss B. M	
Overeynder, H	Primley Botanic Garden, Paignton, Devon.
Paterson, A. P.	Portsmouth P. D., later City of Bath Teachers Training College.
Powell, C. V.	Messrs. Geo. Newnes, Ltd., Publishers.
Prive, A. E.	
Risely, T. R.	Tech. Asst., Hayes & Harlington Parks Dept.
Rooke, I. G.	Foreman, Chingford Borough Council P. Dept.
Rule, R. H.	Self-employed in Bromley, Kent.
Sales, D. J.	Lecturer, Essex Inst. of Agric., Writtle.
Strabel, J. F.	
Thomas, R. G.	Bedgebury Pinetum, later H. G., Hamilton Corp., Bermuda
Vogt, A.	

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There followed the long sea journey ending at the Surrey Commercial Docks. For the journey up the Thames it was floated to be drawn by tugs. It arrived on the Syon House stretch of the river at 4 p.m. on Wednesday, 7th May, 1958.

Six winches, each weighing one ton were positioned in the Gardens on Syon Vista. By this means the spar was hauled up the bank to the tow path and then across the ditch into the Gardens.

Now it rests by Mount Pleasant in Syon Vista. It is on blocks to raise it off the ground and is protected by a temporary roof. It is also protected from the wood carving and souvenir hunting sections of the public by the chain link fence enclosure.

The bark has been removed—it will be trimmed into a flag-staff and will be erected on the mound called Victory Hill, to replace the present pole which is defective.

Thus for the present the story of the new flagpole must close, to be continued in a future issue. We have not only the British Columbia Forest Industry and the Provincial Government to thank; we must also thank the many who have handled this magnificent spar and have thus helped in bringing it safely to these Gardens.

Finally we thank those who have helped to collect the information and photographs for this article, particularly the British Loggers Association and the Mitchell Press Ltd.

* * *

Mr. J. L. Russell, who replied to the toast on behalf of the guests at the 1958 Annual Dinner, spoke of former days when George Nicholson was Curator of Kew and when his father, Mr. L. R. Russell, had a nursery almost opposite Christ Church, Kew Road.

Nicholson frequently visited this nursery and on one occasion our speaker was the centre of attraction—he was then only three weeks old. Russell said “You haven’t seen the son and heir yet. Come into the house George, and my wife will show John to you.” When shown the babe Nicholson remarked, “Let us hope he makes a better man than his father.” Mrs. Russell, who naturally had a deep admiration for the father, did not appreciate the joke and took the remark as having some bearing upon the qualities of her husband. Nicholson had in fact put his foot in it!

On another occasion Nicholson, Russell and a friend were visiting the famous French gardens. Russell and his friend went out one evening to the highlights of Paris. They left Nicholson at work. On returning in the early hours of the morning they found the light still burning in Nicholson’s bedroom. One remarked, “There is George, still at his studies.” A story which is evidence of Nicholson’s enormous capacity for work.

CHRONICLE OF AN OLD KEWITE

Being extracts from the Memoirs of William Dallimore, sometime Keeper of Museums and upon whose suggestion *The Kew Guild* originated.

LIFE AND WORK AT KEW: 1901-1905.—THE ARBORETUM (*contd.*)

The gravel paths subjected to constant use were disturbed in dry weather, the surface becoming loose and pebbly. To counteract and reset the gravel, cockle shells were spread over the surface during wet weather, crushed and rolled in. The shell was obtained from the Thames Estuary by barge. The laden barge was brought up the river on the full tide to a point opposite the gates leading to Kew Palace.

In such a large department, where everything had to be kept spick and span, I soon found that it was necessary to delegate some of the work to others and as there were many recurring jobs that could not be overlooked, to save both time and worry, I deputed a number of jobs to particular men, telling them to see that they were done on certain days of the week without waiting to be told. It answered very well on the whole as most of the men liked to think that they had a special job of their own. An instance was moving seats. There was a large number distributed about the place and they had to be moved weekly in order that grass should not be trodden through. That job was given to a ganger, who, without further orders, took three men every Monday morning and moved most of the seats before breakfast. They carried two light poles with which they could pick up a seat easily and move it to a new position. There was a definite order that seats were not to be placed beneath large trees and our men were careful to observe the order, but during the week seats were often moved by visitors to the shade of decidedly large dangerous trees. I only remember one man being killed by a branch falling across a seat, but there was another instance of two lovers sitting at one end of a seat when a heavy branch fell on the other end and smashed it up without injuring the young people. Although visitors would move seats we were blamed when anything happened. Large trees were always carefully watched and if it was thought that they were becoming dangerous they were cut down but accidents cannot always be prevented.

Really I was not in the habit of using bad language to the men, though, from what Raffill has told me, I was proficient in sarcasm. It is probably true, he should know, as he worked under me in the Temperate House. What I liked was to settle difficulties as they arose and then finish with them. I very rarely reported a man at the office; wise sinners took their medicine like good children. When they were lashed by the tongue they know they had earned it, and, on the other hand, they knew that I would not let them down when they had right on their side. The worst

type of man to get amongst a good gang of men is he that is lazy, plausible and an agitator as he immediately begins to try and breed discontent.

A foreman should know something of the private life of his men or he may do them an injustice. It is also to his advantage and that of his men that he should know something about their general health, their home life and their families, or he may very easily misjudge them, and he should be a safe person with whom they can discuss their little troubles. A man cannot be at his best in the day time after sitting up half the night with a sick wife or child, or if some trouble has occurred amongst the members of his family. A man may be a martyr to some recurring indisposition, such as indigestion or rheumatism, and in justness to men it is a foreman's duty to be in a position to judge whether a man is temporarily incapable of doing a full day's work or whether he is genuinely idle. There is no need to be constantly nagging at men to get a good day's work done. I found that if a foreman was active, constantly about amongst his men, lent a hand when necessary, and did not take advantage of his position to do things that were denied to them, they might call him a devil but they respected him. When a foreman hears of his men telling outside people, as was once repeated to me, that the boss makes us work like hell but he never makes us work any harder than he does himself, there is not much wrong. An action I found to be productive of good results, was, after finding out a man's pet interest, to spend a few minutes now and then discussing it with him, it might be his family, cricket, football, fishing, politics, or anything else. I do not think that any of the old labourers would have dreamt of reporting me if I had damned them, but I do think that word would have gone round the place to look out, the boss has got 'em this morning. There has to be a lot of give and take in managing men, but it is necessary that the person in authority should keep a firm grip of the situation, otherwise he cannot do his duty either to master or men. There are times when a foreman should take up the cudgels on behalf of the men just as there are times when men have got to understand that they cannot do just as they please.

Men of the right type are prepared to give and take but I have known some men who would take all but never bestir themselves during a rush of work. Men at Kew were not expected to work out during a rainy period, and during my time as foreman a wet Friday meant extra work on Saturday, particularly after the rule was adopted of ceasing work at one o'clock on that day.

On no account must a pile of rubbish be left in the grounds over Sunday from Easter until winter work began, and Saturday morning after a wet Friday was a very worrying time, and men had to be careful that nothing was missed. Most of the men rose to the occasion but a few did not see why they should be . . . made to work like slaves. The fact that they had had an easy day on

Friday was not taken into account. Some men were very good and helpful and they would not, knowingly, leave litter about. There was one man in particular who, on his own initiative, took a wheelbarrow round a distant part of the grounds from that where I lived, in case anything had been missed. However, careful as we were an occasional load was missed, and it was strange if the Director did not walk straight to it. I remember being out early one Sunday morning and finding a cart load of prunings had been left in a conspicuous place. I went to the stables and told the head carter, he put a horse in a cart and between us we got that rubbish away before the Director got about. Had he seen that load of rubbish I should not have heard the last of it for a very long time. The man I mentioned earlier began the Saturday look round on his own account and when I heard about it I thanked him and asked him to continue the good work. Such men are worth encouragement and I often wished that it was possible to recompense them. Men who were thoughtful and worked well were given what few advantages there were in the matter of overtime or better class work, and men who were unduly troublesome, or afraid of work, were sent to knock ruts in on the cart-roads, or truck coke through the tunnel to the Palm House furnaces.

* * *

“STOP PRESS” NEWS

Mr. Bertrand Moran (1930), the Gardening Superintendent of London Transport, has been named in the 1959 New Year Honours List and is made an M.B.E.

Mr. Moran has been honoured in recognition of his pioneer work in the stabilisation of railway embankments to reduce the incidence of slip.

Born in Belgium, he studied horticulture in Brussels and then in France before coming to Kew. Mr. Moran joined the District Railway in 1931 and when the L.P.T.B. was formed in 1933 he became responsible for the landscape planning and horticulture of all London Transport railway and road properties and routes.

* * *

BOOK SENT IN FOR REVIEW

“Simple Propagation”—Noël J. Prockter. Collingridge 10s. 6d. Revised Edition.

This publication has been enlarged and includes accounts of the latest techniques, e.g., mist propagation. Also new genera have been added in the alphabetical list. The work is well written and illustrated and all who handle plants will be interested in it and learn from it.

A book which amply maintains the high standard which Kewites have set as authors.

“FROM CROCK-BOY TO EDITOR”

Being extracts from the Memoirs of the late Charles H. Curtis.

Sixty-four years ago, shortly after joining the staff of the Gardeners Magazine, I met Mr. William Dallimore in the Arboretum. I promised then that I would, one day, write an article entitled “From Crock-boy to Editor.” Well! Well! At long last here is the story and it proves :—

“There’s a divinity that shapes our ends,
Rough-hew them how we will.”

My father was a gardener at Wimbledon and had charge of a small dairy farm. He taught me how to prepare cuttings, how to bud and graft, and how to milk a cow and feed pigs and poultry.

On the day following my fourteenth birthday the serious business of life began with a job of crock-boy in the service of Messrs. D. S. Thomson and Sons. My wages were five shillings per week and so long as light permitted, we worked from 6.0 a.m. to 6.0 p.m., including Saturdays.

Later I was employed at Oakfield, near Wimbledon, a charming little estate of about fifty acres. One house was devoted to Orchids and sponging the leaves was my first introduction to the cultivation of these fascinating plants. There was no lack of variety in my work, though when potting was in progress it was my job to crock pots. Occasionally, however, the foreman allowed me to pot a plant. Oakfield was owned by a gentleman named Schwann, a kindly but rarely seen employer. The previous owner was Mr. Joad, notable in his day for his knowledge and the large collection of alpine plants. This collection was bequeathed to Kew, where the Rock Garden was built to accommodate it. One of the kitchen garden men remembered the transfer and through him came my first knowledge that, not many miles away, there was a place called the Royal Botanic Gardens, Kew.

Later I was engaged by Mr. T. Law at The Priory, Wimbledon. I worked with Thomas Law and we kept the place smart; there was no other labour. Hitherto my hope envisaged a position as head gardener in a comfortable establishment. Mr. Law was no ordinary man; his deafness led him to find consolation in reading and though he talked little he opened up a new world of interest. The idea of travel began to take shape, founded upon my profound admiration for my Uncle Charles, who had collected plants for Messrs. James Veitch & Sons, and by this time had been appointed Superintendent of the Botanic Gardens at Penang.

Later I became a journeyman at Veitch’s Royal Exotic Nurseries, Chelsea. At that time the new winter-flowering Begonias were being developed. One morning, only a few days after starting work at Chelsea, the outer door of my range burst open and a burly, bearded man, who appeared to be in a great hurry, shouted for “Heal” (the foreman). I told the intruder to get out and

that if he wanted Mr. Heal he had better go to the office. Half-an-hour later John Heal came along and said, "Young man, you have done a fine thing! Don't you know who it was you turned out?" To my horror he said "That gentleman was Mr. Harry Veitch." In the years which followed Mr., later Sir Harry Veitch, became a personal friend. At R.H.S. meetings he would introduce me to someone with, "This is the only man who ever turned me out of my own nursery."

Mr. Heal was a frequent visitor to Kew and on one Sunday morning he promised to write to the Curator on my behalf. Events moved quickly and I was soon making my way to Kew to have an interview with Mr. George Nicholson. He was severe but kindly and he dismissed me with the remark, "If you are half as good as Mr. Heal suggests we shall be pleased to engage you as a student gardener a fortnight hence."

So to Kew, where Mr. Watson placed me in the Ferneries under George Lamb. Later I was moved to the Tropical Pits, and in this department one of my tasks was to raise the Double Coconut, *Lodoicea sechellarum*, and it was this which set me on the long road of horticultural journalism. I thought the establishment of this plant deserved public notice. Greatly daring, and telling no one, I sent a short story about the event and the plant to the *Daily Telegraph*. When a fellow student brought me a copy in which my unsigned article appeared the fun began. The Director, Curator and Assistant Curator "accused" each other of contributing the note. From what appeared to have been an unpleasant meeting, "W. W." burst into the potting shed and shouted "Confound it, I wish I knew who wrote that damned note on the Coconut." Feeling it was time to ease the situation I very quietly observed—"I did." A moment's silence followed, then he grabbed his hat and hurried off with the news.

Promotion to sub-foreman in charge of the T-Range and the Orchids brought me in touch with Mr. R. A. Rolfe, a former student gardener and, at that time, the Orchid authority on the Herbarium Staff.

At the end of my second year at Kew I became Assistant Superintendent of the Royal Horticultural Society's Garden at Chiswick. The post did not interest me and the following months passed wearily. Just as I was becoming despondent a letter arrived from Mr. George Gordon, the Editor of *The Gardeners Magazine*. I met him at his home and I left this kindly man with an appointment to become his Assistant Editor. This was in 1892.

Thus it was that I helped to report on the Quinquennial Floralties at Ghent. Since then I have judged at many of the Floralties and have on three occasions been secretary or chairman of the British Section at Ghent. In recognition of services rendered the Société d'Agriculture et de Botanique de Guard made me an

Honorary Member of the Council and the Belgium Government honoured me with the distinction of Chevalier of the Order of the Crown of Belgium, and again in 1956 with Chevalier de l'Ordre de Leopold.

Whilst at Kew I was Secretary of the Mutual and of the Kew Gardens Cricket Club. I have been Chairman of the United Horticultural Benefit and Provident Society for fifty-seven years.

Eventually Mr. Gordon retired and, having succeeded him, I remained as Editor until the crippling effect of the First World War caused the *Garden Magazine* to close down. I then became the founder Secretary of British Florists' Federation, having an office at Wellington Street, Covent Garden.

My work was also with the Food Production Department and under the direction of the Royal Horticultural Society, exhibits were organised in many of the important towns up and down the country.

Then followed my long connection with the *Gardeners Chronicle*, first as a half-timer, then later as Editor, a post I held for thirty-one years.

This is my story—a generous Providence has given me health, strength and a happy home life. It was a great occasion when the United Horticultural Benefit and Provident Society and numerous horticultural friends gave a dinner in my honour at the Connaught Rooms to celebrate my retirement. Let the "erstwhile crock-boy" conclude this very personal account as I concluded my thanks as this dinner, with Kipling's words :—

" If there be good in that I wrought
Thy hand compelled it, Master. Thine—
Where I have failed to meet Thy Thought
I know, through Thee, the blame was mine."

DEDICATION SERVICE

The Bishop of London carried out a service of dedication at St. John's Church, Hampton Wick. The English altar, cross and chime of bells were dedicated.

Installed at Easter, 1958, the chime of bells can be operated by one person on a keyboard. Previously there was only one bell in the tower. The bells are in memory of Mr. Gerald Dalglish Udale, who died in tragic circumstances last year.

Before his death he had expressed the wish that the church could have a chime of bells, and his parents donated the major part of the money required.

Mr. Udale's name is inscribed on the largest bell.

In Memoriam

*Where of the man, that with me trod
This planet, was a noble type
Appearing ere the times were ripe,
That friend of mine who lives in God.*

Alfred, Lord Tennyson.

I. B. CREASEY

With the passing away of the late Mr. Leslie Bernard Creasey, a good horticulturist in every sense of the word has been lost to the profession. He was a genuine plant lover, while throughout his career he strove to work for the ideals of the profession.

He was a prolific writer on horticultural subjects, and his articles appeared in many journals, for example, the *Gardener's Chronicle*, *Herbertia*, *Journal of the Botanical Society of South Africa*, *Park Administration S.A.*, and the *Year Books (Royal Horticultural Society)*, to name but a few.

Mr. Creasey qualified at the Royal Botanic Gardens, Kew, and came to South Africa in 1935 to take up a post in the National Botanic Gardens of South Africa, Kirstenbosch. In 1938 he joined the City of Cape Town Parks and Gardens Branch, under the then Director, Mr. A. W. van den Houten. He served firstly as Glasshouse Foreman, and subsequently became an Assistant Superintendent (until these designations were dropped when the Branch was amalgamated with that of Forests in the Engineer's Department). Altogether he served the City of Cape Town for some twenty years.

When the Western Province Branch of the Institute of Park Administration (S.A.) was formed in 1956 he was elected Honorary Secretary and held this position since—with the exception of a short period when he attended the First International Congress of Park Administration in England. His death is not only a blow to the Western Province Branch, but to the Institute as a whole, and it is with sincere regret that the passing of this Fellow must be recorded.

H. F. WERNER,

Institute of Park Administration (S.A.)
(Chairman, Western Province Branch).

Reprinted by kind permission from the official journal of the Inst. of Park Admin., (S.A.) (July, 1958).

A. H. G. ALSTON

Mr. Arthur Hugh Garfitt Alston, M.A., F.L.S., whose death in Barcelona was announced in March, 1958, spent several months working in the Kew Herbarium after graduating at Oxford in 1924.

Following several years as Systematic Botanist at Peradeniya, Ceylon, he was appointed in 1930 to the Department of Botany, British Museum (Nat. Hist.). Taking charge of Pteridophyta, he showed particular interest in the difficult genus, *Selaginella*, and became the leading authority on the subject.

He also worked extensively on the ferns as is evidenced by the wealth of botanical papers published by him. His last work on *The Ferns and Fern Allies of West Tropical Africa* is at present in the press.

His untimely death at the age of 55 is not only a great loss to botanical science in general, but in particular to that limited number of taxonomists who specialise on the ferns and their allies.

Mr. Alston was unmarried. To his relatives we extend our deepest sympathy.

F. BALLARD.

* * *

G. S. CROUCH

It is with regret that we have to record the death of Mr. George Stephen Crouch at his home on 2nd December, 1957, at the comparatively early age of 68. Born in Sussex in 1890, Crouch entered Kew in September, 1911, having spent five years in various private gardens. On leaving Kew in 1913 he entered the service of the Egyptian government under the late T. W. Brown, Director of the Horticultural Department at Gizeh. During his time in Egypt he was the first superintendent of the trial grounds at Alexandria, and later went to Gizeh where he started a further trial ground. He was placed in charge of street planting during the period of the first world war and was responsible for the plantings in the streets of Cairo and along the Pyramids road. In 1921 he was sent to the Delta Barrage to establish an experimental farm of some 80 acres.

In common with many others, Crouch had to leave Egypt in 1924, and soon after returning to England he became a partner, with Mr. G. F. St. C. Fielden—whom he had known in Egypt—in Fairseat Nurseries, at Wrotham in Kent, growing and specialising in alpine plants. On settling at Wrotham, Crouch began to take an active interest in local affairs, horticulturally and otherwise. His services as a lecturer and judge were much in demand from local horticultural societies and he was a member of the Education Authority's panel of horticultural lecturers. He was both a Parish

and Rural District Councillor. His greatest interest, however, was the Church for which he rendered considerable service. He was a licensed lay-reader in the Diocese of Rochester and frequently took services in his parish church.

He leaves a widow and a son to whom we tender our deepest sympathy.

W. CORBETT.

* * *

A. W. BENTON

Kew men in general, and those in particular who worked with him as a Student-Gardener during 1907-1909 and survive him, will learn with regret of the death of Mr. Arthur W. Benton in July, 1958.

Mr. Benton commenced his gardening career in the gardens of Swanley Horticultural College in 1902-3. From there he went to Chelsea Physic Gardens, the Curator being the well-known Old Kewite, Mr. William Hales, a Past President of the Kew Guild.

After a stay of four years at Chelsea, Mr. Benton, on the recommendation of Mr. Hales, entered Kew in April, 1907.

In May, 1909, on the recommendation of the Director, Sir David Prain, Benton was appointed Head Gardener at Government House, Falkland Islands. From time to time during his twelve years at Government House we heard of useful forestry planting schemes he was engaged on, in addition to having charge of Government House Gardens.

Partly owing to ill-health due to the climate but, we heard later, due also to the difficulties and worry of bringing up a large family in that part of the world, Benton felt forced to retire and return to England.

The *Kew Guild Journal* for 1922 contains the following reference to his return:—

“Owing to ill-health, Mr. A. W. Benton recently resigned the post of Head Gardener at Government House, Falkland Islands, after 12 years' service. Those who know our Curator (William Watson) best will not be surprised to hear that an appeal for work from a man with a wife and ten children (the eldest 13 years) was not made in vain and Mr. Benton is now temporarily employed in the Kew Arboretum.”

When a vacancy occurred Benton was given the post of Chief ganger in the Arboretum, working there for 26 years, and living at Teddington. He retired under the age limit in 1947.

A. OSBORNE.

* * *

P. G. GODLEY

Kewites were shocked by the death of Philip Gordon Godley. He was killed in a road accident in December, 1958, at the early age of twenty-five. Godley entered Kew in March, 1954, and left in March, 1956.

His father, Mr. J. W. Godley of Sale, Cheshire, sent us these details which we would like to quote *verbatim et literatim*:—

“Prior to Kew, Philip began by leaving Manchester Grammar School to work with the Manchester Parks Dept. It was discovered that he had a flair for indoor furnishing and this aptitude was developed there. When he went to Windsor Royal Gardens he was chosen to attend Buckingham Palace throughout the Coronation period to decorate the various rooms and banqueting halls there. It was from Windsor that he proceeded to Kew.

“Philip’s Kew days were very happy. He loved the Gardens and everything associated with them and we are in no doubt that his studentship there set him off to a good start on the career he had planned.

“Since leaving Kew, he was for one year at Beckenham Parks Dept., under Mr. C. R. Stock. His task there was to transform a neglected estate, which had recently been taken over, into gardens. There he assisted in the construction of a bowling green and tennis courts. In June, 1957, he went to the Derbyshire County Council as Horticultural Assistant in the County Architects Dept. He was very happy there—designing, planning and superintending contracts for new school playing fields and amenities.”

We offer our deepest sympathies.

* * *

E. J. THOMAS

“Edward Joseph Thomas, M.A., (B.A.) 1905, died on 11th February, 1958, at the age of 88. At a very early age he displayed a studious mind and he used to save his pennies until they would buy something at secondhand bookshops. At fourteen he left school and went to work as a gardener for the next 12 years.

“E. J. Thomas entered Kew as a student gardener in 1894 already having the London Matriculation Certificate (1st Division). Leaving Kew in 1895, he devoted his attentions to linguistic studies. In 1896 he entered the University of St. Andrews, Cambridge. He graduated M.A. (1900-1) with 1st Class Honours. Thomas entered Emmanuel, Cambridge, in 1903.

“He became in time the most eminent English-speaking authority on the Buddhist scriptures and religion; by his appointment in 1909 as an Under-Librarian at the University Library, Cambridge became his home for the remainder of his long life. Later in his career he became head of the Oriental Languages Dept.

“E. J. Thomas was a modest, shy and retiring man. He was declared by many to be the most learned man in Cambridge, yet there were very few who were even capable of knowing how much he knew and he would have been the last man in the world even to dream of telling them.

“ Thomas had married, but his wife (who was German) died in the 1920's. So for many years he lived quietly in lodgings, or later with a housekeeper, childless, but very fond of children, whose society he cultivated, like flowers, with a happy devotion. Some of them retained his confidence into later life; those of us who only met him occasionally may well wish now that we had really known him. He was born in a world that is gone; and learning such as his is hardly allowed in the one that has replaced it.”

(Extracts from an Obituary sent by F. H. Stubbings, Esq., Emmanuel College, Cambridge.)

* * *

C. H. CURTIS

The death of Charles H. Curtis, M.B.E., V.M.H., on March 24th, 1958, took from us not only one of the most prominent and versatile of Kew's ex-Student Gardeners, but also one of the best known personages in the horticultural world. Throughout life he worked hard and was an inspiration to his many friends, while his achievements might well create an incentive for younger generations of Kewites.

I first met Mr. Curtis on Saturday evening, January 31st, 1891. I had journeyed to Kew that day to begin work as a Student Gardener on the following Monday, and had arranged to meet Ernest Hemming (a comrade of Chester nursery days) at his lodgings in the evening, where I was introduced to his fellow lodger, Charlie Curtis. We were presently joined by two advanced Student Gardeners, John Aikman and William J. Tutchter, who, between them, coached me upon Gardens procedure. I was later to learn that this quartette was looked upon as an intellectual group by their 60 or so colleagues.

At work, Curtis was in charge of the Tropical Seed Pits, where I soon joined him with charge of the Begonia Pit. We shared the same potting shed and discussed the merits of the nursery firms of Veitch of Chelsea and James Dickson and Sons, Chester, but never agreed about which was the better firm. In the autumn of 1891, Curtis was appointed Sub-foreman of the T. Range and Orchid Houses, a charge he only kept until the following May when he was engaged by the Royal Horticultural Society as Assistant Superintendent of their gardens at Chiswick. He was disappointed in his new work; he found the gardens dingy and uninspiring and by the end of the year he had given up the post and undertaken that of Sub-Editor of the *Gardeners' Magazine*. The editorial work of the paper was conducted in Priory Road, Kew, and I often met C.H.C. About that time I had agreed to give up general gardening to specialise on Trees and Shrubs, and we both wondered whether we had done right in changing our work. In a discussion on the subject he hoped that he had done

right and that at some future date he would be able to write an article "From crock boy to Editor." The article, written late in life, appears in this journal.

A good idea of the activities of Mr. Curtis may be gathered from the article, but as he said little about the honours that were bestowed on him I record a few. He carried out a good deal of Municipal work, serving on the Brentford Urban District Council and in turn officiating as Chairman. Later when Brentford and Chiswick were incorporated, he held office as Mayor and was for several years a Justice of Peace.

He held strong religious convictions and for many years held the position of Superintendent of the Methodist Sunday School at Brentford. He was a strong supporter of the Kew Guild and it was largely due to his efforts that the Annual Dinner was instituted. Amongst his many horticultural activities he was Editor of the *Orchid Review* from 1933 until his death. He helped to found the National Sweet Pea Society, was for many years a member of the Narcissus and Tulip Committee of the R.H.S. and was Chairman of the Gardeners' Royal Benevolent Institution. He judged at many home and Continental horticultural exhibitions.

In 1930 he was awarded the Victoria Medal of Honour by the Royal Horticultural Society, and in 1937 the Veitch Memorial Medal in gold. In 1950 the M.B.E. was bestowed upon him. I have many pleasant memories of Charles H. Curtis.

W. DALLIMORE.

* * *

JOHN ADAMSON

Regretfully we record the death of Mr. John Adamson which took place on the 1st November, 1957, at the age of 77. Apprenticed at Dalswinton House, Dumfriesshire, he then went to Southwick House, Kirkcudbrightshire. Entering Kew in January, 1905, he worked in the Decorative Dept., later in the Herbaceous Dept., being promoted there to sub-foreman in 1906. While at Kew he took an active part in the usual functions and one calls to mind his fine performance of the Sailor's Hornpipe at the Kew Social in January, 1907.

In 1909 he was appointed Head Gardener at York House, Twickenham. In 1911 he took up nurserywork at Crawley and Guildford until 1914, when he was appointed Head Gardener at Phyllis Court Rowing Club, Henley-on-Thames. In 1915 he became Head Gardener at Pen Moel, Chepstow, until 1922, when he joined another Old Kewite, Tom Oliver, at the nurseries of Oliver and Hunter, Moniaive, Dumfriesshire. In 1940 he joined the Hardy Plant Nurseries of Longsmuir & Adamson, Hollywood, till his death which took place while on holiday at Kincardine. The interment took place in Glencairn Cemetery, Moniaive. Our sympathy is extended to his relatives.

F. G. PRESTON.

JAMES J. NOCK

Mr. James Nock died suddenly on December 13th, 1958, at his residence at West Hagley, Worcestershire. He left Kew in 1911, taking an appointment as Curator of the Ceylon Up-Country Gardens at Hakgala, Newara, Eliyi. After 30 years service at Hakgala during which he introduced many temperate and sub-tropical plants to the Gardens and developed to a considerable degree the horticultural aspects of Hakgala. He retired and resided during the war period at Newara, Eliyi. In this period he assisted in lay out and development of military camp stations among other activities and returned to West Hagley in 1946.

He was 69 years of age. We extend our sincere sympathy to his widow.

T. H. PARSONS.

* * *

W. E. TREVITHICK

The sudden death of William Edward Trevithick at Ruislip early in 1958 at the age of 58 deprived the commercial world of a talented artist. He was born in Ireland on the estate of the late Lord Headfort, at Kells, County Meath, where his father was head gardener. He was related to the famous Trevithick of Cornwall, the inventor of a steam engine, a statue of whom stands at Camborne.

Trevithick left school in 1913 and started work under his father, with whom he remained for three years. After that he was employed in the Duke of Rutland's gardens at Belvoir Castle, and then returned to Ireland to work under Sir Frederick Moore at the Glasnevin Botanic Gardens. Mr. Divers, the well known gardener at Belvoir, spoke highly of him in a testimonial and noted that he was "clever at drawing, both freehand and plans and in colour work". How true that proved to be!

He came to Kew in April, 1920, was promoted to sub-foreman in 1922, and entered the herbarium as temporary technical assistant in December, 1923. There his talent for drawing was immediately made use of, and he prepared the black and white illustrations for the "Flora of West Tropical Africa" and a large number for my "Families of Flowering Plants". As the prospects for this work were not too good, Trevithick maintained himself by free lance work whilst studying at the Chelsea School of Art. After that he joined his brother, a commercial artist, for three years. He then started on his own and established a highly successful business whilst living at Barnes.

During the second world war he carried out experimental engineering for the Ministry of Supply and was a civilian gliding instructor for the Air Training Corps at Denham and Halton, becoming himself a qualified pilot. After the war he resumed his commercial advertising work and his drawings and inventive mind were much in demand by the Rolls Royce Motor Company, the

General Electric Company, Napier's Engineering works, the Sperry Gyroscope, and C. C. Wakefield Oil Companies.

Trevithick was a cheerful and jolly companion with a strong sense of humour, and during his leisure hours was devoted to motoring and travelling, and he was a first-rate shot. He applied his great talents wholeheartedly and unselfishly to whatever he undertook, and he will be long remembered by his many friends. To his widow we extend our deepest sympathy.

J. HUTCHINSON.

* * *

W. J. JENNINGS

With regret we record the death of Mr. William John Jennings, which took place on the 31st October, 1958, at the age of 84. He spent eight years in nurseries and private gardens, including two years at the Royal Horticultural Gardens at Chiswick, before entering Kew in 1896, leaving in 1898 to become Head Gardener at Brynderwin, Usk, Monmouth. On the death of his employer in 1900 he became the Head at Oakwood Grange, Ockley, Surrey. In 1905 he was appointed Head Gardener at Napsbury Mental Home, a position he held for 42 years. While at Napsbury he had the laying out of the new Shenley Hospital, Herts., for the Middlesex County Council. From time to time he would exhibit at the R.H.S. fortnightly meetings. I well remember his very fine batch of *Pleione lagenaria* and his Aster Napsbury, that very fine form of *Aster yunnanensis* is one of our best garden plants. On his retirement in 1947 he went to live at St. Albans where he enjoyed good health to within a few minutes of his death. He leaves a widow, a son and a daughter to whom we offer our deepest sympathy.

F. G. PRESTON.

* * *

W. B. LITTLE

Lt.-Col. W. B. Little, D.S.O., M.C., O.B.E., entered Kew in 1906 and became Sub-Foreman of the Flower Garden in April, 1907. He left Kew for the Education Department, Carlisle under Durham University. He became a member of the Horticultural Education Association in 1910.

After his work at Kew, Little's outstanding service to horticulture was that, at the sixth A.G.M. of the Horticulture Education Association, held at Leeds in 1911, he read a paper entitled "Suggestions for a National Diploma in Horticulture". The paper was published by the Horticulture Association and widely circulated. It attracted attention in a number of quarters. At the request of the H.E.A., the R.H.S., agreed, in 1912, to set up a committee to consider the matter. This committee resulted in the establishment of the N.D.H. The first preliminary examination taking place in 1914, followed by the first final in 1915. Col. Little

attended the H.E.A. Jubilee dinner at Reading, and I gathered from him that he had no idea that his paper had so much to do with the N.D.H.

Little joined H.M. Forces in 1914, serving in the Durham Light Infantry. In 1916, he was awarded the M.C., being at that time a Staff Captain. He later became a Lt.-Col. and served in the army until 1927. He was called up again in 1939 and served until the end of the second world war.

G. E. JOHNSON.

* * *

Dr. T. A. SPRAGUE

His many friends will have learnt with the greatest regret the news of the death of Dr. T. A. Sprague which took place at Cheltenham on October 22nd, 1958, after a short illness. Dr. Sprague graduated at Edinburgh University where he took his B.Sc. degree. In 1898 he joined an expedition to Venezuela and Colombia and collected plants from hitherto botanically unexplored regions. In 1900 he came to Kew and joined the Herbarium staff. Here he worked on the Floras of Tropical Africa and the Cape, and later was put in charge of the American section. In 1913 in company with Dr. J. Hutchinson he went to the Canary Islands and as a result they jointly published a paper on some critical species of *Echium*. He served with the Army in India during the first world war and while there collected plants in the Punjab. Later, on his return to Kew he took up the study of botanical nomenclature and was a leading personality of the botanical congresses of Cambridge (1930), Amsterdam (1935) and Stockholm (1950). He supervised the compilation of the Index Kewensis for many years and was always ready to help and train the younger members of the Herbarium and Library staff with kindly advice and encouragement. He was elected a Fellow of the Linnean Society in 1903. After his retirement from Kew he lived at Cheltenham where he became an active member of the Cotteswold Naturalists' Field Club, besides taking a great interest in ceramics. Sprague married for the second time in 1938 Mary Letitia Green who was for many years his colleague at Kew. He will be remembered with gratitude by many of his pupils for his ever ready and generous help and advice.

H. S. MARSHALL.

* * *

R. A. GRAHAM

The sudden death on 14th December of Mr. R. A. Graham at the early age of 43 greatly shocked his many friends at Kew. Graham joined the team of botanists working on the "Flora of Tropical East Africa" at Kew early in 1955. A keen and knowledgeable student of the British flora and a recognised authority on the genus *Mentha*, Graham took easily to the work on a tropical flora. His accounts have been published of "Orobanchaceae" and

"Polygonaceae" whilst his treatment of "Rosaceae" is at present in the press. He was actively interested in Kew affairs, being a member of the Kew Guild. He took great interest in the living conditions of *Mentha* and *Orobanche* and willingly gave help from time to time to the British Botany Club. A cheerful and amusing personality, Rex will be greatly missed not only by his colleagues in the Herbarium but by many Students and members of the Gardens' staff.

E. MILNE-REDHEAD.

* * *

A. KEYS

Mr. Alfred Keys died in August, 1958, at a West Palm Beach hospital, Florida, at the age of 67. Mr. Keys served during the 1914-18 war in Egypt with the R.A.M.C. He returned to Kew afterwards and left in 1919 to become Assistant Curator at the Botanic Gardens, Dominica, B.W.I. He left for the United States in 1923 and was employed by the U.S. Dept. of Agriculture on Rubber Investigations at the Plant Introduction Garden, Miami, Florida. He resigned from Government service in 1940 and moved to Lantana, Florida. There he was connected with the Boynton Landscape Co., where he was in charge of the propagation department until his death.

Alfred Keys was a keen plantsman and was greatly interested in all tropical and sub-tropical plants. While with the Boynton nurseries he did considerable work on the ornamental *Euphorbias* and one was named after him. He also became interested in the *Pentas* and was able to develop a wide range of colours.

He is survived by his wife, Mrs. Alfred Keys, of Lantana; a daughter, Mrs. Enid Davidson, of Miami; a son, R. J. Keys, of Miami; one sister in Canada, and a sister in Wales; a brother in England, and two grandchildren. We extend our heartfelt sympathies.

F. WALSHINGHAM.

* * *

We have also received notification of the deaths of the following Old Kewites:—

W. A. Warry, who died on 26th April, 1958 at the age of 84.

He lived at "Duhallow", La Ville au Roi, St. Peter Port, Guernsey, C.I. He entered Kew in June, 1896.

Miss Olivia Rayne Garnett, aged 86, died in March, 1958.

She worked in the Herbarium on the Index Kewensis.

A. Symons, who left Kew in June, 1913, for York House, Twickenham.

T. N. Stott who left Kew in 1940.

We would welcome additional information on these or any other Old Kewites who have passed away.

KEW STAFF LIST

(as on December 31st, 1958)

* Life Member of The Guild.

† Formerly a Student Gardener.

	<i>Entered Kew</i>
DIRECTOR'S OFFICE	
Director	G. Taylor, D.Sc., F.R.S.E., F.L.S., V.M.H. 1956
Assistant Director (Senior Principal Scientific Officer).....	*N. L. Bor, C.I.E., O.B.E., M.A., D.Sc., F.L.S..... 1948
Establishment Officer.....	J. H. Crossman..... 1957
Clerical Officer/Secretary.....	Mrs. A. M. E. Kendall..... 1947
Clerks	Mrs. L. A. Kell..... 1948 Miss C. M. Newall..... 1952 Miss F. V. Surplice..... 1954 Miss J. Lane..... 1957
Telephone Operator.....	
HERBARIUM AND LIBRARY	
Keeper (Senior Principal Scientific Officer)	†C. E. Hubbard, O.B.E., F.L.S..... 1920
Principal Scientific Officer.....	V. S. Summerhayes, B.Sc..... 1924 F. Ballard, B.Sc..... 1929
" " "	N. Y. Sandwith, M.A., F.L.S., F.R.G.S..... 1924
" " "	E. Milne-Redhead, T.D., M.A., F.L.S..... 1929
" " "	R. Melville, B.Sc., Ph.D., F.L.S.... 1934
" " "	R. W. G. Dennis, B.Sc., Ph.D..... 1944
" " "	A. A. Bullock, B.Sc., F.L.S..... 1929
" " "	J. P. M. Brenan, M.A., B.Sc., F.L.S. 1948
" " "	J. B. Gillett, M.A., F.L.S. (Colonial Office)..... 1948
" " "	*J. R. Sealy, B.Sc., F.L.S..... 1927
Senior Scientific Officer.....	R. D. Meikle, B.A., LL.B., F.L.S. 1947
" " "	W. D. Clayton, B.Sc..... 1958
" " "	D. A. Reid, B.Sc..... 1951
Scientific Officer.....	F. N. Hepper, B.Sc., A.L.S..... 1951
" " "	L. L. Forman, B.Sc., F.L.S..... 1951
" " "	D. H. Dalby, B.Sc., Ph.D..... 1956
" " "	N. K. B. Robson, B.Sc., Ph.D. (Colonial Office)..... 1956
" " "	C. Jeffrey, B.A. (Colonial Office)... 1957
" " "	H. Heine..... 1958
" " "	J. P. de Wolf..... 1958
Senior Experimental Officer.....	R. A. Blakelock, B.Sc., F.L.S..... 1937
Experimental Officer.....	Miss C. I. Dickinson, M.A., Dip. Agric..... 1928
" " "	P. G. Taylor, F.L.S..... 1948
" " "	J. K. P. Kennedy-O'Byrne, F.L.S.... 1948
" " "	J. R. Tennant, B.Sc., F.L.S. (Colo- nial Office)..... 1956
" " "	Miss S. S. Hooper, B.Sc. (National Dianthus Collection)..... 1952
" " "	Miss M. I. Skan (Index Kewensis) 1919
Assistant Experimental Officer.....	Miss B. N. Willoughby, B.Sc..... 1957
" " "	Miss S. Carter (Colonial Office)... 1957
Senior Assistant (Scientific).....	Miss J. Forster..... 1947

Entered
Kew

Assistant (Scientific).....	Miss I. Blewett.....	1941
" "	Miss A. D. Dunk.....	1953
" "	Miss I. L. M. Fletcher.....	1952
" "	J. L. Gilbert (Colonial Office).....	1956
" "	Miss P. Halliday.....	1947
" "	Miss J. E. Hawkins (Index Kew- ensis)	1956
" "	Miss A. James (Colonial Office)...	1956
" "	Miss J. McEwan.....	1956
" "	Mrs. P. Z. Kennedy-O'Byrne.....	1955
" "	Miss A. C. Uchlein.....	1955
" "	P. J. Darbyshire.....	1957
" "	Miss D. Moscoff (Colonial Office)	1957
" "	Miss D. B. Cousins (Colonial Office)	1957
" "	M. J. S. Sands (Iraqi Government)	1957
" "	Miss V. Mann.....	1958
" "	Miss C. A. Cheal.....	1958
" "	Miss T. A. Bence.....	1958
Visiting Botanist.....	W. Marais, M.Sc.....	1957
Librarian.....	H. S. Marshall, F.L.S.....	1932
Assistant Librarian.....	K. J. Churches, A.L.A.....	1954
" "	R. Davidge.....	1958
Clerks (Library).....	Mrs. P. L. Irving.....	1954
" "	Miss M. Kierans.....	1934
Library Assistant.....	Miss K. M. Harvey.....	1958
Hon. Associate (Transplant & Breed- ing Experiments).....	E. M. Marsden-Jones, F.L.S., F.R.E.S.....	1922
Botanist (Bentham-Moxon).....	H. K. Airy-Shaw.....	
Botanist's Assistant (Bentham-Moxon)	Miss R. Angel.....	
Artist	G. Atkinson, A.L.S.....	1922
"	*Miss Stella Ross-Craig, F.L.S., (Bent- ham-Moxon)	1929
Senior Preparer.....	Mrs. H. Wootton.....	1949
Preparers	Miss D. Bowman.....	1953
"	Mrs. H. Dzilna.....	1954
"	Miss I. E. Farrow.....	1948
"	Mrs. L. Glenister.....	1956
"	Mrs. I. Kingerley.....	1952
"	Mrs. D. I. Mitchell.....	1954
"	Mrs. J. E. Pizzala.....	1955
"	Miss I. L. Taylor.....	
"	Mrs. V. E. Baker.....	
Clerk	E. E. Cope.....	1953
"	P. Heawood.....	1956
"	Miss G. M. Pring.....	1954
Shorthand Typist.....	Mrs. E. Jones.....	1953
"	Mrs. H. M. Skews (Colonial Office)	1953
Typist	Mrs. M. Brind.....	1955
"	Mrs. B. F. Saunders.....	1952
"	Miss L. D. Whiteley (Colonial Office).....	1956
JODRELL LABORATORY		
Keeper (Principal Scientific Officer)...	C. R. Metcalfe, M.A., Ph.D., F.L.S.	1930
Scientific Officer	Miss M. Y. Stant, B.Sc., Ph.D.....	1950
Experimental Officer.....	F. Richardson.....	1934
Assistant (Scientific).....	Miss D. M. Catling.....	1950
Photographer	R. R. Zabeau.....	1956

DEPARTMENT OF ECONOMIC BOTANY

Keeper (Principal Scientific Officer)...	F. N. Howes, D.Sc.....	1925
Senior Scientific Officer (Quarantine Work).....	T. A. Russell, B.Sc., A.R.C.S., A.I.C.T.A.....	1954
Senior Scientific Officer.....	S. G. Harrison, B.Sc.....	1949
Scientific Officer.....	Miss B. J. Youngman, B.Sc.....	1950
Assistant (Scientific).....	Miss J. K. Bowden.....	1949
Preparer.....	L. J. Harding.....	1913
Typist.....	Miss V. Horwill.....	1951

GARDENS

Curator.....	†W. M. Campbell, N.D.H., F.Inst. P.A., V.M.H.....	1922
Assistant Curator.....	*†L. Stenning, A.H.R.H.S. (Tropical)	1925
" ".....	†S. A. Pearce, A.H.R.H.S., F.Inst. P.A. (Arboretum N.).....	1928
" ".....	†G. H. Preston, F.L.S. (Herbaceous)	1934
" ".....	*†S. W. Rawlings (Decorative).....	1936
" ".....	†J. E. S. Souster, N.D.H., F.L.S. (Temperate).....	1943
" ".....	†G. E. Brown, N.D.H. (Arboretum S.)	1946
Foreman Gardener.....	G. H. Anderson (Palm House).....	1940
" ".....	W. A. Mullins (Dianthus Collection)	1942
" ".....	W. Bridle (Temperate House Pits)	1946
" ".....	H. Bruty (Ferneries—Tropical).....	1946
" ".....	P. G. Shutler (Arboretum).....	1946
" ".....	†A. J. Hale (Temperate House).....	1955
" ".....	†F. Larkbey (Decorative).....	1947
" ".....	†G. Nicholson (Orchids—Tropical)	1947
" ".....	†A. G. Cook (Herbaceous and Rock Garden).....	1948
" ".....	R. J. Chuter (Propagator).....	1953
" ".....	†N. Hickman (Tropical Pits).....	1955
Executive Officer.....	R. Fender.....	1958
Clerks.....	O. Logan.....	1958
" ".....	G. F. Lamb.....	1951
" ".....	G. D. Gibbs.....	1958
Shorthand Typist.....	Miss A. G. Barton.....	1953
Typist.....	Miss M. Sillitoe.....	1947
Packer and Storekeeper.....	M. J. O'Connor.....	1958
Bird Keeper and Bellringer.....	J. H. Claiden.....	1919
Seed Collector.....	J. Paske.....	1929
" ".....	J. Mateer.....	1952
Gardener Grade I.....	C. W. Preston.....	1922
" ".....	H. Collin.....	1920
" ".....	C. G. W. Gardner.....	1926
" ".....	F. L. Burnell.....	1946
" ".....	J. P. Byrne.....	1952
" ".....	H. Hockley.....	1942
" ".....	F. H. Jackman.....	1940
" ".....	H. J. Jackman.....	1949
" ".....	E. W. Macdonald.....	1950
" ".....	W. Mort.....	1929
" ".....	E. Skyrme.....	1947
" ".....	J. Slater.....	1945
" ".....	F. W. Standen.....	1940
" ".....	A. D. Stevens.....	1956
" ".....	F. J. Sadler.....	1951
" ".....	M. A. Wells.....	1946

Entered
Kew

Gardener Grade I.....	E. J. White.....	1940
" ".....	J. Pruuden.....	1956
CONSTABULARY		
Sergeant in Charge.....	W. Leaver.....	1935

STUDENT GARDENERS

<i>Name</i>	<i>Entered Kew</i>	<i>Previous Situation</i>
Adams, R.....	Sept., 1957	Stockport Parks Dept.
Adshead, P.....	Sept., 1957	Brighton Parks Dept.
Barnes, H. P.....	Oct., 1958	Bradford Parks Dept.
Bird, S. F.....	April, 1957	High Wycombe Parks Dept.
Brown, J.....	April, 1957	Manchester Parks Dept.
Briggs, Miss B.....	Oct., 1958	W. H. Dixon, The Gairs, Bradley, Grimsby.
Carter, B.....	April, 1957	Southport Parks Dept.
Coghlan, R.....	Sept., 1957	Cambridge Botanic Garden.
Cole, T. J.....	Oct., 1958	Brighton Parks Dept.
Deans, T.....	Mar., 1958	Glasgow Parks Dept.
Dixon, A. G.....	Mar., 1958	Croydon Parks Dept.
Dunnenberger, W.....	April, 1957	Marthaler Zurich, Switzerland.
Gilkison, D. S.....	Mar., 1958	Ealing Parks Dept.
Henshaw, A.....	Apr., 1958	Improver, Kew.
Hitchcock, A. G.....	Oct., 1958	Beckenham Parks Dept.
Jobsen, J.....	Mar., 1958	Ecole Nationale d'Horticulture, Versailles, France.
Johnston, M. A.....	May, 1958	Improver, Kew.
Jones, K. R.....	Sept., 1957	Cambridge Botanic Garden.
Kerr, R. T.....	Sept., 1957	Glasgow Botanic Garden.
Lycett, K. M.....	Oct., 1958	Nottingham Parks Dept.
McDowell, C. I.....	Mar., 1958	Brighton Parks Dept.
Mason, J. D.....	Oct., 1958	Wakefield Parks Dept.
Parkin, Miss M. E.....	April, 1957	L.C.C. Battersea Park.
Pearce, D. G.....	Oct., 1958	Southport Parks Dept.
Pedley, A.....	Sept., 1957	Keighley Parks Dept.
Pierce, A.....	Oct., 1958	Canterbury Parks Dept.
Pitcher, B. F.....	Oct., 1958	Royal Gardens, Windsor.
Porter, A. J.....	Oct., 1956	Improver, Kew.
Ransom, D. P.....	Sept., 1957	P. Buis Union, Aalsmeer, Holland.
Reed, P. E.....	Oct., 1958	R. C. Notcutt Ltd., Woodbridge, Suffolk.
Scales, K. W.....	Oct., 1958	Sheffield Parks Dept.
Smith, G. D.....	Apr., 1957	John Waterer, Sons & Crisp, Bagshot, Surrey.
Storer, D. T. M.....	Apr., 1957	Gynsill Court Nurseries, Leicester.
Sutcliffe, T.....	April, 1957	Nelson Parks Dept.
Thames, B. G.....	Feb., 1958	Gardener, Kew.
Toft, K. C.....	Oct., 1958	Lord Aberconway & National Trust, Denbighshire.
Tomlinson, D.....	Sept., 1957	Manchester Parks Dept.
Turton, K. V.....	Mar., 1958	Liverpool Parks Dept.
Williams, A. L.....	Sept., 1957	Leicester Parks Dept.
Wood, A. T.....	Aug., 1958	Improver, Kew.

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*(The Names of Life Members are preceded by an asterisk)**(The year of leaving Kew is indicated)*

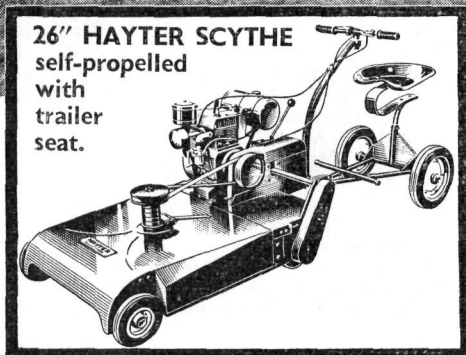
ABBREVIATIONS : H.G., Head Gardener ; F., Foreman ; N., Nurseryman ; M.G., Market Gardener ; C., Curator ; A.C., Assistant Curator ; D., Director ; A.D., Assistant Director ; M., Manager ; S., Superintendent ; A.S., Assistant Superintendent ; D.S., District Superintendent ; H.L., Hort. Lecturer ; A.O., Advisory Officer ; B.G., Botanic Gardens.

1936. Abbing, J., Beauwea Park, P.B., Grahamstown, S.A.
 1938. *Addison, G. H., B.G., Singapore, S.S.
 1957. Addison, P., c/o Parks Dept., Liverpool.
 1926. Agate, C. J., 7 Beach Road, Great Neck, Long Island, N.Y., U.S.A.
 1924. *Aikman, Miss M. G., 18A London Street, Edinburgh, 3.
 1949. Ainslie, E., 70 Mount Drive, Marple, Cheshire.
 1939. *Airey, J. E., Westmoor Gardens, Mansel Lacy, Hereford.
 1952. Airey Shaw, H. K., B.Sc., 13 Honor Oak Road, Forest Hill, S.E.23.
 1945. *Albert, Mrs. H., 65 Summit Street, Oyster Bay, Long Island, N.Y., U.S.A.
 1918. *Alcock, Mrs. N. L., M.B.E., F.L.S., 108 Cole Brook Street, Winchester, Hants.
 1946. Allen, Miss B. (See Mrs. F. Christopher.)
 1948. Allen, F. H., Coombe Villa, Wotton-under-Edge, Glos.
 1930. Allison, B. W., A.S., Parks Dept., Salford, Lancs.
 1911. *Allt, W. S., E. Market Street, Hyde Park, N.Y., U.S.A.
 1956. Alphonso, A. G., B.G., Singapore, S.S.
 1945. *Ambrose, Miss R. M. (See Mrs. J. Souster.)
 Amoah, G. K. A., Hort. Office, Dept. of Agric., P.O. Box 299, Accra, Ghana.
 1926. *Anderson, A. W. C., N.D.H. (N.Z.), S., Parks and Reserves, Timaru, N.Z.
 1910. *Anderson, J. W., 30 Sandilands Road, Baguley, Manchester, 23.
 1956. Andrews, B. R., Park Dept., City Hall, Edmonton, Alberta, Canada.
 1954. Appleby, J., 53 Rathbone Road, Wavertree, Liverpool, 15.
 1947. *Armstrong, C. E., N.D.H., H.L., Kesteven Farm Inst., Caythorpe Court, Nr. Grantham, Lincs.
 1931. *Arnold, T. A., 157 Jeppe Street, Johannesburg, S.A.
 1920. Ash, Mrs. W. (E. M. Harper), 22 Palace Court, Hampstead, N.W.3.
 1956. Ast, R., St. Andreas, Cham./Z.G., Switzerland.
 1931. Atkins, L. G., N.D.H., 59 Cranwick Road, Lincoln.
 1958. Atkinson, Miss A. L. M., Grandby Lodge, Stanton in Peak, Matlock, Studley, Warwickshire.
 1954. Attenburrow, D. C., c/o D. of Agriculture, P.O. Box 338, Nairobi, Kenya.
 1950. Attwood, C. A., 58 Centenary Road, Canley, Coventry.
 1910. *Aubrey, A. E., 83 Newbridge Street, Wolverhampton, Staffs.
 1946. Avery, Edwin, 2 Newport Road, Barnes, S.W.13.
 1939. *Aves, J. J., D.S., P.O. Box 1454, Parks Dept., Pretoria, S.A.
 1935. Bachelor, P. L., Glenchairn, Dover Ridge Avenue, Carlton, Nottingham.
 1906. Badgery, R., 47 King's Ash Road, Paignton, Devon.
 1900. *Baggesen, Niels, Viborg, Pembury, Tunbridge Wells, Kent.
 1914. *Bailey, A. G., M.A., Yew Tree Cottage, Misterton, Crewkerne, Som.
 1920. *Baker, A. F., 15 Beresford Road, Kingston-on-Thames, Surrey.
 1920. *Baker, E., The Myrth, Bucknells Lane, Yarston, Herts.
 1947. Baker, M. E., Melrose, Battlebridge, Warfield, Berks.
 1939. *Balch, R. W., N.D.H. (N.Z.), A.S. of Reserves, 32 Montague Road, Dunedin, New Zealand.
 1908. *Band, R., P.O. Box 524, Accra, Ghana.
 1927. *Banfield, F. S., F.L.S., 28 Cudmore Avenue, Toorak Gardens, South Australia.
 1928. Barham, V. G., "Ivermark," Arnolds Lane, Sutton-at-Hone, Dartford, Kent.
 1958. Barker, L. P., 120 Victoria Road, Fleetwood, Preston, Lancs.
 1923. *Barker, W. H., N.D.H., M.C., The Lodge, Scaleby, Carlisle.
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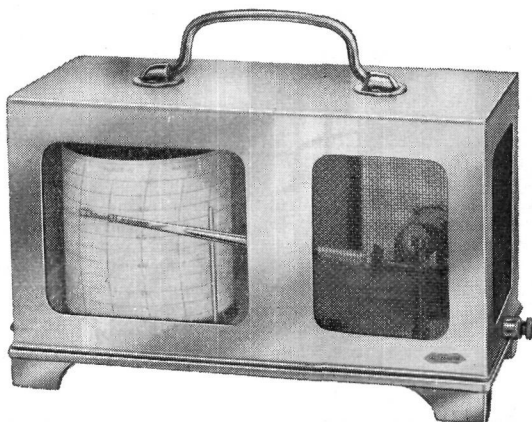
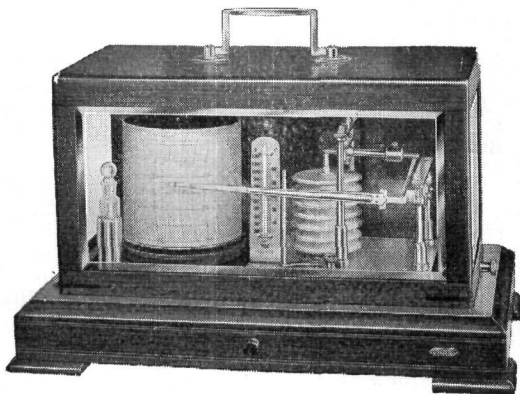
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 1932. Bates, W., The Gardens, Witanhurst, West Hill, Highgate, N.10.
 1954. Baverstock, E., 44 Woodwand Road, Dagenham, Essex.
 1956. Baylis, C. L., Weefyve, East View Road, Wargrave, Berks.
 1911. Beale, J. H., Stonecrest Manor R.D.2, Ridgefield, Conn., U.S.A.
 1936. Beale, Mrs. S. E. (Hampton), Shelvingford, 37 London Road, Liphook, Hants.
 1905. *Beatty, E. J., "Deva," Church Lane, Eastergate, Chichester, Sussex.
 1953. Bee, R. A., 31 Wolsey Street, Leicester.
 1919. Beer, A., University B.G., Innsbruck, Tyrol.
 1942. *Bell, Miss C. O., B.Sc. (See Mrs. Martin).
 1918. *Bell, Miss V. S. (See Mrs. Danes).
 1921. Bentall, A. S., Cullen Nursery, Chesterfield Road, Ashford, Middx.
 1952. Bentham, H., Arle House, Arle Village Road, Cheltenham, Glos.
 1947. Benton, P. S. L., Municipal Board of Mombasa, P.O. Box 440, Mombasa, Kenya.
 1937. Berney, M. J., La Plaine, Geneva, Switzerland.
 1952. Bett, J. R., Brown Owls, Bleathwood, Ludlow, Salop.
 1949. Bettsworth, A. W., Parks Dept., Johannesburg, Transvaal, S.A.
 1957. Beyer, R. I., Messrs. J. Elliot, Moreton-in-the-Marsh, Glos.
 1912. *Biggs, E. M., Solent Court, Warsash, Hants.
 1955. Billett, M., 176 Down Hall Road, Rayleigh, Essex.
 1929. Billström, G. A., Göteborgs Trädgårdsförening, Göteborg, Sweden.
 1924. *Binnington, R., S., Holy Lodge, 165 Hill Lane, Southampton.
 1917. *Bintner, J., N.D.H., D.I.C., 18 Rue des Remparts, Sucy-en-Brie, S. et O., France.
 1918. Bintner, Mrs. J. (Harper), Address as above.
 1940. Bird, E., 25 Cannons Meadow, Tewin, Welwyn, Herts.
 1946. Bird, Miss H. (See Mrs. G. Williams).
 1928. Birkentall, J., c/o Stump & Walter Co., Garmingdale, Long Island, N.Y.
 1912. *Birkinshaw, F., 30 Lowther Road, Bournemouth.
 1919. *Bishop, Miss S. W., The Homestead, East Stoke, Stoke-under-Ham, Som.
 1908. *Blackburn, A., A.H.R.H.S., F.7 Central Buildings, Sutton Park Road, Seaford.
 1934. Blackman, J. A. E., N.D.H., Plumpton Nurseries Ltd., Sussex.
 1909. *Blanche, H. M., B.Sc., F.A.S.L.A., 801 Virginia Street, Dunedin, Florida.
 1945. Blowers, J. W., H.G., Buxted Park, Uckfield, Sussex.
 1946. Blowfield, A. H., A.S., Grove Cottage, The Grove, Carshalton, Surrey.
 1951. Boddington, H. P., Old Metting Street, West Bromwich, Staffs.
 1944. *Bolton, Miss I. E. (See Mrs. I. E. Cranfield).
 1936. Bonfiglioli, V., Via Trionfale 175, Rome, Italy.
 1924. Booker, A. J., 97 Quay Road, Bridlington, Yorks.
 1885. Boorman, J., 10 Hathern Street, Leichhardt, Sydney, N.S.W.
 1956. Boot, W. A., Noord Crailosewey 16, Huizen (N.H.), Post Bussum, Holland.
 1938. Boreman, A. E., S., 58 Ferndale Road, Ashford, Middx.
 1948. Borrett, A. H., The Shrubbery Flat, Hasketon, Woodbridge, Suffolk.
 1956. Boulton, J. B., 18 Stratford Avenue, Rainham, Kent.
 1949. Bowles, H. A., 77 Queenway, Newton Abbot, Devon.
 1928. *Boyd, T. D., Mansion House, Oak Hill Park, Accrington, Lancs.
 1947. Boyle, J. J., Malvern House, Hartington Road, Buxton, Derbyshire.
 1906. *Braggins, S. W. McLeod, A.H.R.H.S., 1 The Sheet, Ludlow, Salop.
 1925. *Braid, K. W., O.B.E., M.A., B.Sc., Lochview, Skene, Aberdeen.
 1943. Brakin-Smith, Mrs. E. B. (Miss E. P. King), 12 Thornborough Road, Coalville, Leics.
 1953. Brasher, P. A. D., 56 Telegraph Lane, Claygate, Esher, Surrey.
 1915. *Braybon, E. A., c/o Grindlay & Co. Ltd., 54 Parliament Street, London, S.W.1.
 1927. Bromley, W. H., Coedmore Cottage, Saundersfoot, Pems.
 1903. *Brooks, A. J., F.L.S., F.C.S., A.H.R.H.S., 3 Somerville House, Manor Fields, Putney, S.W.15.
 1951. Brooks, V., 1 Sandhurst Road, Kingsbury, N.W.9.
 1905. *Brown, A. E., 76 The Kingsway, Toronto 18, Ontario, Canada.
 1930. Brown, A. J., S., Parks and Cemeteries, The Lodge, Wigston Cemetery, Leics.
 1950. Brown, D. A., c/o Parks Dept., Beckenham, Kent.
 1903. *Brown, E., "Chez Nous," Grove Road, Cranleigh, Surrey.



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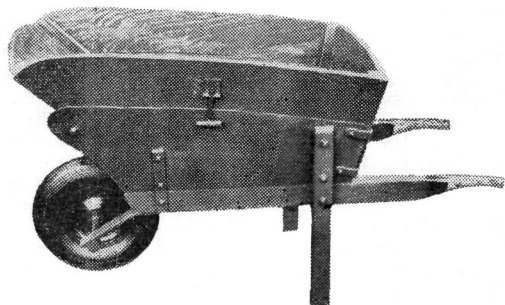
1943. *Brown, G. B., 1 Dunkeld Road, Gosport, Hants.
 1905. *Brown, J., S., Wilcox Memorial Park, Westerley, Rhode Island, U.S.A.
 1926. Brown, Jas., S., Registrar's Office, St. Woollos Cemetery, Bassaleg Road, Newport, Mon.
 1950. Brown, L. R., Parks Dept., Municipal Offices, Kingston-upon-Thames, Surrey
 1946. Brown, R. M., Stuart, S. of Parks, Municipal Buildings, Redcar, Yorks.
 1926. Brown, W., c/o Clarewood Turf Club Ltd., Durban, Natal, S.A.
 1928. *Bruins-Lich, H., D. of Parks, P.O. Box 1454, Pretoria, Transvaal, S.A.
 1938. Buckley, A. R. T., A.C., Div. of Botany, 592 McLeod Street, Ottawa.
 1947. Buller, Miss A. G., 4 Glyn Mansions, Addison Bridge, Kensington High St., W.14.
 1945. *Bundy, E. F., 62 Combemartin Road, Southfields, London, S.W.18.
 1945. Bundy, Mrs. (Scott), 62 Combemartin Road, Southfields, London, S.W.18.
 1921. Burfoot, C., H.G., Buckhurst Park, Withyam, Tunbridge Wells, Kent.
 1900. *Burkill, I. H., M.A., F.L.S., "Clova," The Mount, Leatherhead, Surrey.
 1954. Burras, J. K., N.D.H., 10 St. Clements, The Plain, Oxford.
 1922. *Burrell, Miss L. C. (See Mrs. S. T. Lees).
 1951. *Burt, B. L., B.Sc., F.L.S., Royal Botanic Garden, Edinburgh.
 1903. Burton, H., 317 Jefferson Road, West Palm Beach, Florida.
 1924. *Buss, L., The Bungalows, Houghall, Durham City.
 1921. *Butcher, H. G., The Court Lodge, West Hill, Epsom, Surrey.
 1955. Butcher, I. A., Avebury Manor Gardens, Avebury, Nr. Marlborough, Wilts.
 1922. Butler, P. J., Bedford College, Regents Park, N.W.1.
 1919. *Bysouth, Mrs. R. A. (Davies), 229 East 12A Avenue, New Westminster, British Columbia, Canada.
 1953. Cameron, J. D., Municipal Office, P.O. Box 700, Kampala, Uganda.
 1913. *Candler, S. R., H.G., P.O. Box 278, Southampton, N.Y., U.S.A.
 1937. Cann, C. A., Astley Park, Chorley, Lancs
 1912. *Cannon, H. A., Uganda Coffee and Rubber Estates Ltd., Kampala, P.O.53, Uganda.
 1930. *Carr, G. E., 32 King Street East, Dundas, Ontario, Canada.
 1947. Carr, O., The Cottage, Deighton Grove, Crockey Hill, York.
 1953. Carson, S. A., Foreman's Cottage, High Park, Toronto, Canada.
 1953. Carn, L., N.D.H., 6 Ixworth Road, Troston, Nr. Bury St. Edmunds, Suffolk.
 1958. Catchpole, P. A., Glenwood, 285 Cowley Road, Uxbridge, Sussex.
 1929. *Catt, G. A., 85 Loom Lane, Radlett.
 1923. *Cavanagh, A. A., Plantacion Lamerced, Playadito, Pro Vincia de Corrientes, F.C.N.G.U., Argentina.
 1896. *Cave, G. H., M.B.E., "Mitha-Dhara," Cheltenham Road, Ashton-under-Hill, Evesham, Worcs.
 1903. *Cave, J. E., Merle Cottage, Foxley Road, Binfield, Bracknell, Berks.
 1922. Chambers, Mrs. K. (Watson), Bines Common, Partridge Green, Horsham, Sussex.
 1919. *Chandler, P., 205 Reading Road, Wokingham, Berks.
 1938. *Chandler, P. A., Agric. Experimental Stn., College of Agriculture, University of California, California, U.S.A.
 1939. Chantler, E., 27 The Ridgeway, Fleetwood, Lancs.
 1939. Chantry, S. H., Upper Stratton Sec. Mod. School, Upper Stratton, Nr. Swindon, Wilts.
 1919. *Chapman, H. L. R., 545 Gunson St., East Lansing, Michigan, U.S.A.
 1955. Chapman, J., c/o Dept. of Agriculture, Nairobi, Kenya.
 1929. *Cheek, A. J. W., The Lodge, Alexandra Park, Moss Side, Manchester.
 1938. *Cherry, C. E., N.D.H., F.Inst.P.A., S., Parks Dept., Sear's Park, St. Dunstons Hill, Cheam, Surrey.
 1938. Chevalier, M. M., 5 Rue Beaugrenelle, Paris, 15me, France.
 1911. Child, H. V., Kew Convent, Kew, Victoria, Australia.
 1949. Child, R. E., c/o Parks Dept., Ilford, Essex.
 1916. Chollet, P., c/o Messrs. Sander & Sons, Bruges, Belgium.
 1946. Christopher, Mrs. F. (Allen, B.), Boro Farm, Tresco, Isles of Scilly, Cornwall.
 1909. *Christie, J. S., A.H.R.H.S., "Braeside," Pathhead Ford, Midlothian.
 1955. Clark, D. V., Nursery M., Cyprus Nurseries, Cyprus Road, Edmonton, London, N.9.
 1946. Clark, Miss V. M., Landscape Gardener, The Vale, Broadstairs, Kent.

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 1924. Clark, T. E., F.I.P.A., S., Parks, West Lodge, Heaton, Bolton, Lancs.
 1932. *Clarke, F., N.D.H., County Hort. Organiser, Education Offices, Manor House, Bury St. Edmunds, Suffolk.
 1945. *Clarke, P., Creighton House, Sandwich, Kent.
 1936. *Clarke, T. R., Plumpton Nurseries Ltd., Sussex.
 1957. Cleet, A. T., P.O. Box 2824, Johannesburg, S.A.
 1906. *Clements, T., Nethererton Road, Drewsteignton, Nr. Exeter; Devon.
 1958. Clift, M., Messrs. T. Waterer & Son & Crisps, Bagshot, Surrey.
 1908. *Close, A. W., c/o U.S. Dept. Agric., Glendale, Maryland, U.S.A.
 1949. Coates, C. E., 41 Lawn Crescent, Kew, Surrey.
 1933. *Cocker, H. R., A.H.R.H.S., Villa Taranto, Pallanza, Italy.
 1931. *Collard, J., Palace Gardens, Laeken, Belgium.
 1958. Collett, M. J., 2 Church Path, Gt. Amwell, Nr. Ware, Herts.
 1939. *Collins, C. J., F.I.P.A., S., 40 Castle Road, Colchester, Essex.
 1955. Collins, G. E., N.D.H., Tresco Abbey Gardens, Tresco, Isles of Scilly.
 1955. Comber, J. B., Sapong Estate, Nr. Tenom, Via Jesselton, North Borneo.
 1935. Commeau, J., Chateau de St. Aguan, Nr. Mouy (Oire), France.
 1923. *Conn, P. W. H., A.H.R.H.S., L.I.L.A., F.I.P.A., S., The Bridge, Ibbetson Lane, Sefton Park, Liverpool 17.
 1949. *Constable, F., Parks, Cem., and Allotments Dept., 125 Norfolk St., Sheffield 1.
 1921. *Cook, F. J., S. of Parks, Port Elizabeth, C.P., S.A.
 1945. *Cook, G. G. (Major), War Graves Comm., 19 Rue Jean Guyon, Albert, Somme, France.
 1929. *Cook, L., Hort. Supt., 173 Reddish Road, South Reddish, Stockport, Cheshire.
 1915. *Coombes, G., The Northridge Nursery, 9600 Reseda Boulevard, Northridge, California, U.S.A.
 1944. Cooper, Miss B. (See Mrs. C. F. Jackson).
 1925. *Cooper, E. C. W., Jescot Nurseries, 388 Hatfield Road, St. Albans, Herts.
 1920. *Corbett, G., Green Gables, Oval-waze, Ferring-by-Sea, Worthing, Sussex.
 1925. *Corbett, W., P., 16 The Close, Wilmington, Kent.
 1935. Corkhill, W. J., c/o Agric. Dept., Nairobi, Kenya.
 1943. *Cornford, Miss K. D., 165 Gordon Court, Ducane Road, London, W.12.
 1944. Cornwell, Miss P. H., 18 Pondtail Road, Horsham, Sussex.
 1935. Cossum, H. A., 1 Marble Hill House Drive, Evesham Rd., Pittville, Cheltenham.
 1946. *Cotton, A. D., O.B.E., F.L.S., 1 Kings Road, Hertford, Herts.
 1932. Cousin, G. J. D., Dept. of Agric., Lapsi Street, St. Julians, Malta.
 1911. *Cousins, F. G., A.H.R.H.S., The Mount, 5 Seymour Road, Newton Abbot, S. Devon.
 1903. Coutts, W., Invereck Eventide Home, Sandbanks, Duncon, Argylls.
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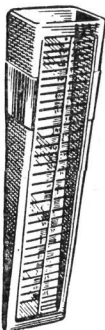
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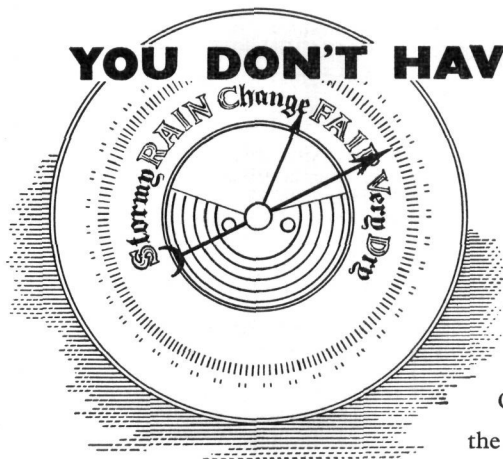
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1948. Hutchinson, J., LL.D., F.L.S., F.R.S., Heather Bank, Ambleside Road, Light-water, Surrey.
1913. Hutchinson, H., 2800 Westheimer, Houston, Texas.
1935. Hyland, G. A., S., Parks Dept., Town Hall, Hove 3, Sussex.
1927. *Ibbett, W. C., N.D.H., N.A.A.S., Staplake Mt., Starcross, Exeter, Devon.
1912. *Illman, G. F., Kenya Coffee Works, Kahawa P.O., Kenya Colony.
1905. *Ing, W. J., 47 Second Street, Pequannock, New Jersey, U.S.A.
1948. Ison, J. H., The Bungalow, Whirlow Brook Park, Sheffield, 11.
1935. Ivey, A. W. J., 56 Erithway Road, Green Lane, Coventry.
1944. Jackson, Mrs. C. F. (Miss B. Cooper), 2 Essex Court, Temple, London, E.C.4.
1940. Jackson, Mrs. Clifford M. (Taylor), Ashcroft, Ridgeway Close, Reigate, Surrey.
1948. Jackson, F. A., c/o Parks Dept., Southern Area, Stoke-on-Trent.
1915. Jackson, P. C. E., 13 Newstead Avenue, Burbage, Near Hinkley, Leics.
1948. Jackson, R. M., 32 St. Hilda's Avenue, Ashford, Middlesex.
1905. Jackson, T., Agric. S., Bot. Station, St. Vincent, B.W.I.
1957. Jakobsen, P. R., Glamsdalen 42, Glamsbjerg, Fyn, Denmark.
1936. James, E. B., 31 Broadwater Street, West Worthing, Sussex.
1913. *Jarrett, J. C., N.D.H., "Thrushes Mead," Ridgeway, Ashton-on-Clun, Salop.
1937. Jefferiss, A., The University, Reading, Berks.
1912. Jelinek, B., Institution "Svetla," Gross Meriritsh, Moravia, Czechoslovakia.
1940. Jenkins, J. P., Blackpool Gardens, Stoke Fleming, S. Devon.
1912. *Jennings, A. J., 120 Canoebrook Parkway, Summit, New Jersey, U.S.A.
1925. Jensen, A. L. G., 82 Sunningfields Road, Hendon, N.W.4.
1942. Jensen, Mrs. E. M., 17 Grosvenor Road, Chiswick, W.4.
1908. *Jensen, L., Kildetoften, 30 Faaborg, Fyen, Denmark.
1955. Jew, P. J., 644 Mount Albert Road, Epsom, Auckland, N.Z.
1912. Jirasek, H., Jardin des Plantes, Paris.
1949. Johnson, G., Castle Milk, Machrie Road, Castle Milk, Glasgow, S.5.
1914. *Johnson, G. C., O.B.E., 20 Gundrada Road, Lewes, Sussex.
1904. *Johnson, J. T., "Kinfares," Fernhill Heath, Worcester.
1958. Johnson, R., 37 Park Street, Barrowford, Nr. Nelson, Lancs.
1937. Jollie, F. J. E., 21 Rocklands Avenue, Mt. Eden, Auckland, N.Z.
1923. *Jones, C., Castlemilk Estate, Rutherglen, Glasgow.
1955. Jones, A. S., "Falklands," Maidstone Road, Boro' Green, Kent.
1930. *Jones, C. H., Kowhai Nurseries, St. Martin's, Christchurch, N.Z.
1951. Jones, D. A. G., Fairfield Exp. Hort. Stn., Esprich, Kirkham, Lancs.
1956. Jones, J. H., Horticulturist, Dept. of Agric., Agric. Stn., Paget East, Bermuda.
1956. Jordan, J., 21 Burlington Gardens, W.4.
1918. *Joshua, Miss L., N.D.H., 59 Langbourne Mansions, N.6.
1922. *Joy, Mrs. A. E. C. (Warner), "Birchfield," Alton Road, Roehampton, S.W.15.
1937. Joy, C. A., Trefusis Bungalow, Wotton, Nr. Milton, Hampshire.
1946. Joy, G. S., Emmets Lodge, Ide Hill, Sevenoaks, Kent.
1937. Keith, R. H., 124 King Street, E. Toronto, Ontario, Canada.
1956. Kemish, G., 20 Cosby Crescent, Enfield West, Middx.
1926. Kemp, H. W., 421 London Road, Reading, Berks.
1935. Kennelly, A. G., 80 Ravenswood Road, Dunedin, S.W.1, N.Z.
1918. *Kermode, Miss D. (See Mrs. Halkerston).
1943. King, Miss E. B. (See Mrs. E. B. Brabin-Smith).
1913. Klaatborg, H. J., Gartneriet Langdallund, Kolding, Denmark.
1929. *Knight, F. P., V.M.H., F.L.S., D., R.H.S. Gardens, Wisley, Surrey.
1943. *Knight, Miss K. M., Boundary Nurseries, Hillingdon Heath, Middx.
1945. Knowlman, Miss B., Wayside, Wareham, Dorset.
1936. Koeppe, K., (20A) Jeinsen N.R., 42 Unber Elze, Hanover Land, Germany.
1936. Koning, T. H., 57 Woltersweg, Hengelo (O), Holland.
1929. Korn, W., Institute of Botany, B.G., Leningrad 22, U.S.S.R.
1946. *Kruger, H. J., S., Town Hall, Barry, S. Wales.
1951. Kynnersley, L. A., 189 Elberta Avenue, Niagara Falls, Ontario, Canada.

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1938. Lagoria, E., La Mortola, Ventimiglia, Italy.
 1933. Lake, E., 36 Gledwood Crescent, Hayes, Middx.
 1941. Laking, L., Asst. D., Royal Botanic Gardens, Hamilton, Ontario, Canada.
 1941. Laking, Mrs. B. M. (Tarver), Rock Garden Lodge, Box 399, Royal B.G., Hamilton, Ontario, Canada.
 1925. Lamberton, W., N.D.H., War Agric. Exec. Comm., Deanery, Worcs.
 1912. *Lambourne, J., Downe, Newling Way, High Salvington, Worthing.
 1936. Lancaster, A. P., S., Hort. Divn., P.W.D., New Delhi, India.
 1947. Lancaster, J., 11 Lockerbie Avenue, Clevelys, Near Blackpool, Lancs.
 1942. Lancaster, Miss M. H. (See Mrs. Wincott).
 1919. Landau, Miss M., Prejazd, 36, Lodz, Poland.
 1937. *Langham, H. G., Penrhos, Green Lane, Churt, Surrey.
 1939. Lannie, L., S., of Reserves, Reserves Dept., Nelson Park, Napier, N.Z.
 1949. Lavender, F. R., 70 High Street, Gorleston-on-Sea, Norfolk.
 1901. *Lavender, W. L., A.H.R.H.S., 29 Grena Road, Richmond, Surrey.
 1940. Lawfield, W. N., c/o "Amateur Gardening," 2-10 Tavistock Street, Covent Garden, W.C.2.
 1924. *Lawrence, W. J. C., V.M.H., 15 Broadgreen, Bayford, Hertford.
 1927. *Lawson, J., C., Parks & Gardens, State Electricity Comm., Yallourn, Victoria, Australia.
 1900. *Lazenby, F., 773 Main Street, Reading, Mass., U.S.A.
 1931. *Lee, L. A., Hillside Nurseries, Top of Hillside, Salisbury, S. Rhodesia.
 1922. *Lees, Mrs. S. T. (Burrell), Batemans, Burwash, Sussex.
 1950. Lees, S., Registrar, Hollinwood Cemetery, Oldham, Lancs.
 1948. Liebich, Mrs. I. (Rzadkowska), 3465 Cole des Neiges, Apt. 41, Montreal, Canada.
 1933. Leigh, D. H., S., Parks and Reserves, Nelson, N.Z.
 1937. *Leith, G. J., Flat 1, The Library, Rose Hill, Hampton, Middx.
 1902. *Leslie, J. E., 44 Parkgate Road, Chester, Cheshire.
 1945. Letch, Mrs. A. J. (Evans), The Old School, Bradwell, nr. Braintree, Essex.
 1941. *Lewis, J., N.D.H.(N.Z.), Homestead Cottages, 38 Water End, Clifton, York.
 1948. Lingard, H. M., "Dobinetts," Dobinetts Lane, Hale, Altrincham, Cheshire.
 1952. Littlewood, G., 4 Wensley View, Leeds, 7.
 1898. *Lloyd, H. B., Kelowna, Okagan Dist., B. Columbia, Canada.
 1927. *Lock, J. H., Broad Layings, Woolton Hill, Newbury, Berks.
 1948. Lockley, R. E., Ivy Farm Cottage, Ivy Farm Lane, Canley, Coventry, Warwicks.
 1907. *Logsdail, A. J., B.Sc., Div. of Hort., Kemptville Agric. School, Kemptville, Ontario, Canada.
 1931. Lomas, T., 18 Byron Gardens, Sutton, Surrey.
 1908. *Long, Major F. R., A.H.R.H.S., F.I.L.A., F.Inst.P.A.(S.A.), 20 Berkeley Court, Summerstrand, Port Elizabeth, C.P., S.A.
 1926. Longhurst, W. A., Conyboro Gardens, Cooksbridge, Lewes, Sussex.
 1930. Lorenzi, O., La Mortola, Ventimiglia, Italy.
 1940. *Lothian, T. R. N., D., B.G., Adelaide, Australia.
 1948. Lovatt, D. W., Stuart Road, Wealdstone, Middx.
 1955. Lucas, J. A., Efford Experimental Stn., Lymington, Hants.
 1939. MacCartney, F. M., 629 Winthrop, Toledo 10, Ohio, U.S.A.
 1951. MacGuffog, D., Sen. Div. S., Parks Dept., Sheffield.
 1938. *Mackanness, F. G., Route 2, Box 584, Portland, U.S.A.
 1934. Mackenzie, J. G. C., S., of Reserves, Hastings, N.Z.
 1939. Mackenzie, D., S. of Reserves, Palmerston North, N.Z.
 1942. Mackinnon, F. H., 48 Durand Gardens, London, S.W.9.
 1925. *Mackintosh, J. J., S., Parks Dept., Estates Office, Abington Park, Northampton.
 1919. *Madan, Miss H. P. (See Mrs. Wood).
 1948. Mahon, L. J., 2 Boundary Road, Port Sunlight, Cheshire.
 1910. *Maitland, T. D., M.B.E., A.H.R.S., "Ashmoor", The Avenue, Crowthorn, Berks.
 1955. Manger, G. L., The Rural Training Centre, Asaba, W. Nigeria, W.A.
 1930. Mann, J. A., Parks Dept., Wallasey, Cheshire.
 1938. Mansell, P. W., "Meliden," Queen's Road, Teddington, Middx.
 1927. Mario, E., La Mortola, Ventimiglia, Italy.
 1898. Mark, F. M., 58 Selly Oak Road, Bournville, Birmingham.
 1904. *Marriott, W. E., 3 Altair Avenue, off Taunton Road, Pietermaritzburg, Natal, S.A.

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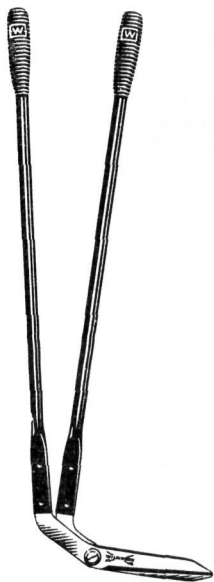
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1958. Marshall, W. S., 64 Shakespeare Road, Exeter, Devon.
 1903. Martin, L. G., Louveciennes, S. et O., France.
 1934. Martin, L. P., Louveciennes, S. et O., France.
 1942. Martin, Mrs. (Miss C. O. Bell), 55 Old Castle Road, Weymouth.
 1919. *Mash, Miss J. (See Mrs. Flack).
 1933. Mason, R. H., 62 Horn Lane, Woodford Green, Essex.
 1922. *Mason, R. E., 43 Swail House, Ashley Road, Epsom, Surrey.
 1954. Massey, A., East Lodge, Gunnersbury Park, Acton, W.3.
 1920. *Matthews, C., "Brookdale," 49 Gratton Road, Cheltenham, Glos.
 1943. Maunder, F. G., The Cemetery, St. Peter's Road, Bury, Lancs.
 1954. Maunder, P., D.I.P.A., 14 Lower Shirburn Road, Torquay, Devon.
 1924. *Maw, H., The Homestead, London Road, Margaretting, Nr. Chelmsford, Essex.
 1919. Maxted, Miss M., La Rochelle, Guernsey.
 1935. May, J. E., Park Lodge, South Park, Ilford, Essex.
 1930. Mayne, H. F., 68 Victoria Road, Hale, Cheshire.
 1948. McCartan, J., S., The Bungalow, Coronation Gardens, Rhyl, Flints.
 1936. McCormack, P. F., F.I.P.A., Superintendent's House, Calderstones Park, Allerton, Liverpool, 18.
 1957. McCracken, J. S., Parks Dept., Hammersmith.
 1929. McCready, K., S., Parks Dept., Burdett Road, Southend.
 1944. *McCulloch, Mrs. E. (Thompson), 9 Third Avenue, Kenilworth, Kimberley, Cape Province.
 1947. *McElroy, L. F. L., Lincoln College, Christchurch, N.Z.
 1935. McKenzie, W. W., 2 Market Lane, Kilmarnock, Ayrshire.
 1952. McLachlan, D. D., "Kanturk," Brant Road, Lincoln.
 1952. McLachlan, P. A., 3120 18th Street, N.W., Washington, I.O.D.C., U.S.A.
 1928. *McMillan, R. C., M.B.E., F.I.P.A., D., Parks Dept., Town Hall, Manchester, 2.
 1899. *McNeill, M., Kiloran Gardens, Isle of Colonsay, Argyllshire.
 1924. *McPherson, J. A., N.D.H.(N.Z.), S. of Parks, Auckland, N.Z.
 1948. Medcalf, J. G., 1 Summerfield Road, Dudley, Worcs.
 1947. Meherne, C. D., 49 Clifton Terrace, Sumner, Christchurch, N.Z.
 1916. Meili, K., St. Karlstr., 34, Lucerne, Switzerland.
 1950. Melles, A. M., c/o Major A. B. Melles.
 1915. *Melles, Major A. B., M.B.E., N.D.H., Inspector, War Graves Comm., S.W. District, St. Marks House, St. Marks Avenue, Salisbury, Wilts.
 1952. Mellors, G., A.S., 16 St. Georges Street, Hanover Square, W.1.
 1942. Melville Towers, Mrs., Lismore, Route de Noirmont, St. Brelade, Jersey, C.I.
 1899. *McNissier, A., 3 Rue de la Mutualite, Casablanca, Morocco.
 1893. Merigeo, Marie, 4 Rue de l'Observatoire, Paris.
 1916. Merryweather, Miss M. E. (See Mrs. Suckling).
 1957. Messenger, G. W., Witacre, Copock, Ipswich, Suffolk.
 1946. Middleton, J., c/o Plant Protection Ltd., Research Stn., Fernhurst, Haslemere, Surrey.
 1942. Milburn, Miss P. M. K., (See Mrs. F. Brooks Purchas).
 1909. *Miles, A. C., "Minafon," Bettws Cormon, Caernarvon.
 1916. Miles, Sergt. S. H., 3rd Batt. K.R.R., Military Grass Farm, Bolarum, Secunderabad, India.
 1945. Miller, Miss E. M., Periton Farm House, Muirhead, Som.
 1933. Miller, L. B. J., 13 Byng Road, Barnet, Herts.
 1958. Mills, L. C. R., 50 Alexandra Road, London, N.W.8.
 1913. *Milsum, J. N., O.B.E., F.L.S., Grays, Tilford, Farnham, Surrey.
 1947. Mitchelmore, C. J., Celyn Hort. Inst., Northop, Flintshire.
 1956. Moore, D. J., Dept. of Agric., Paget East, Bermuda.
 1930. Moore, R. E., Municipal B.G., Cape Town, S.A.
 1930. Moran, B. J. J., Hex, Bulls Green, Knebworth, Herts.
 1958. Morgan, Miss B. M., Beech Lane, Goytre, Nr. Pontypool, Mon.
 1946. Morrissey, Miss S., B.Sc., 18 Lavender Sweep, London, S.W.11.
 1935. Mottier, P., 10 Chemin Rieu, Geneva, Switzerland.
 1933. Mould, A., 1 Dene Road, Headington, Oxford.
 1937. *Mowforth, R. K., The Farm Institute, Rodbaston, Penkridge, Staffs.
 1956. Muller, T., Gemeindeftrasse 4, Zurich 7/32, Switzerland.
 1934. Mullins, A. T., Pembroke Lodge, Richmond Park, Richmond, Surrey.



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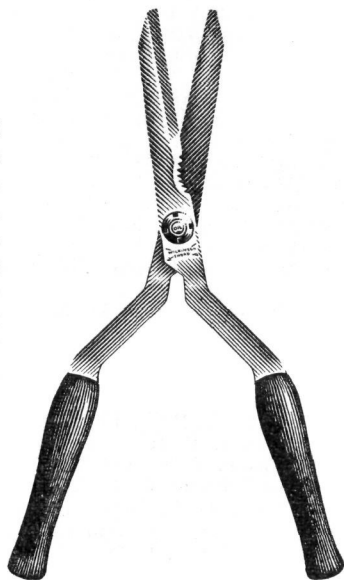
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1951. Naylor, G. T., "Mowley," New Road, Twyford, Nr. Reading, Berks.
1957. Neighbour, E. C., The Hollins, Hollins, Nr. Matlock, Derbyshire.
1928. *Nelmes, W., M.B.E., A.H.R.H.S., F.I.P.A., D. of Parks, Roath Park, Cardiff, S. Wales.
1945. Nelson, J., S., The Lodge, Acton Park, The Vale, Acton, Middx.
1946. *Nelson, Mrs. J. (Helmsing), The Lodge, Acton Park, The Vale, Acton, Middx.
1907. *Newell, W., 1825 Regent Street, Madison 5, Wisconsin, U.S.A.
1950. Newhams, D., c/o Parks Dept., Neath, Glam.
1924. *Newman, C. A., S., Clovelly Cottage, Lampton Road, Hounslow, Middx.
1956. Newton, Miss D. M. (See Mrs. Pringle).
1897. *Nicholls, Matthew, Owlsmoor, 34 Mill Lane, Sevenoaks, Kent.
1925. *Nisbett, E. I., Prov.S., Dept. of Agric., Sierra Leone.
1946. *Norris, J. L., Imp. War Graves Comm., Brookwood Cemetery, Surrey.
1948. North, F. G., 21 Hollyfield Avenue, Ficern Barnet, London, N.11.
- Nutt, P. A., Malabar Farm, Lucas, Ohio, U.S.A.
1921. O'Brien, Mrs. C. P. (Rolfe), 113, 10th Avenue, N.W. Calgary, B.C., Canada.
1937. Offley, J., 86 The Alders, Heston, Hounslow, Middx.
1952. Offord, K. A., Cornerways, 5 Larchwood Close, Hadleigh Road, Ipswich.
1913. *Okami, Y., The Imperial Gardens, Shinjuku, Tokio.
1902. *Oliver, A. E., 19 Osborne Park, Bangor, C. Down, N. Ireland.
1912. Oliver, G. H., 4 Hylton Road, Allerton, Liverpool, 19.
1927. Orchard, O. B., "Orwinton," New Road, Broxbourne, Herts.
1952. O'Reilly, M., 2 Dalton Avenue, Bewsey, Warrington.
1945. *Osborn, A., M.B.E., A.H.R.H.S., 4 Nylands Avenue, Kew Gardens, Richmond, Surrey.
1928. Ovenden, S. F., Parks Dept., The Lodge, Dane Park, Margate, Kent.
1958. Overeinder H., Primley Bot. Gar., Paignton, Devon.
1929. Page, G. W., Wrights Nurseries, Pangbourne, Berks.
1938. Page, P. W., 163(A) Cumberland Avenue, Kensington, Johannesburg, S.A.
1949. Palmer, W., 25 Wear Bay Crescent, Folkestone, Kent.
1907. *Papsdorf, P. J., 1138 Yuill Street, Medicine Hat, Alberta, Canada.
1952. Parker, F., Flat 8, The Large Mansion, Gunnersbury Park, Acton, W.3.
1952. Parker, H. H., c/o Barclays Bank, D.C.O., Nassau, Bahamas, B.W.I.
1947. Parmentier, W. H., 7 New Street, St. Annes, Alderney, C.I.
1949. *Parsons, C. R., The Holding, Shripney, near Bognor Regis, Sussex.
1913. *Parsons, T. H., O.B.E., F.L.S., 175 Alberta Avenue, Cheam, Surrey.
1958. Patterson, A. P., N.D.H., Blue Gates, Mays Lane, Stubbington, Hants.
1901. *Patterson, W. H., M.B.E., C.M.S., Namirembe, P.O. Box 56, Kampala, Uganda.
1926. Patton, H. S., S. Parks, Lloyd Park, Forest Road, Walthamstow, E.17.
1933. *Pearce, W., Wallend Farm House, Isle of Grain, Rochester, Kent.
1946. Pedgrift, Miss J. F., Landscape Gardener, The Vale, Broadstairs.
1954. Pemberton, L., Pershore Inst. of Horticulture, Pershore, Worcs.
1950. Perkins, B. L., F.L.S., Asst. Parks Supt., Nairobi City Council, P.O. Box 30075 Nairobi, Kenya Colony.
1925. Perkins, H. A. T., Florist, 748 Stratford Road, Sparkhill, Birmingham, 11.
1940. *Pettigrew, Capt. A. H., S., Park House, Lavender Road, Worcester.
1911. Phillips, E. P., D.Sc., M.A., Div. of Botany, Pretoria, Transvaal, S.A.
1925. *Phillips, S. T., 15 Bauty Point, Bauty Bay, Cape Town, S.A.
1908. Pieris, W. I., Rubber Research Scheme, Culloden, Neboda, Ceylon.
1933. Pinnion, W. S., 42 High Road, West Felixstowe, Suffolk.
1922. Platten, R. J., Garden Dept., Cadbury Bros., Ltd., Bournville.
1942. *Plummer, Miss E. (See Mrs. Melville Towers).
1903. *Poetsch, A., Gartenhaubetrieb, Brenha, Nr. Bitterfeld, S. Germany.
1959. Porter, A. J., 57 Dolphins Road, Folkestone, Kent.
1930. *Porter, W., 30 Rockstone Road, Bassett, Southampton.
1928. *Poulter, C. G. W., A.D. of Parks, 38 Dumbrick Road, Ibrox, Glasgow.
1958. Powell, C. V. 5 Thornhill Road, Surbiton, Surrey.
1957. Powell, Miss M. C., 8 Highgate Avenue, Highgate, N.6.

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1937. Poy, A. L. J., 10 Rue des Lices, Blois, L. et Ch., France.
1909. *Preston, F. G., M.A., V.M.H., A.H.R.H.S. Ulverston, 118 Hinton Way, Great Shelford, Cambs.
1949. Price, J., 201 Mackintosh Place, Roath Park, Cardiff.
1906. *Pring, G. H. S., 4467 Magnolia Avenue, Missouri, U.S.A.
1956. Pringle, D. J., Parks Dept., Nairobi City Council, P.O. Box 30075, Nairobi, Kenya Colony.
1956. Pringle, Mrs. D. (Miss D. M. Newton). Address as above.
1940. Prior, M. C., "Vanessa," Woodham Lane, New Haw, Weybridge, Surrey.
1941. Prior, W. D. H., 339 Whitton Dene, Isleworth, Middx.
1925. *Pritchard, W. B., S., 18 Carmen Silva Road, Llandudno.
1957. Prive, A. E., 12 Bis Avenue, Outribon, Villomomble, Seine, France.
1937. *Prockter, N. J., c/o "Amateur Gardening," 2-10 Tavistock Street, Covent Garden, London, W.C.2.
1937. Prolluis, Karl, Vichels, Post Neristad (Dosse), Germany.
1938. Prosser, L. N., 31 Park Drive, St. Georges Park, Port Elizabeth, Natal, S.A.
1906. *Proudlock, A. W., Kent Cottage, Bamburgh, Northumberland.
1946. Puddle, C. E., Bodnant Gardens, Talycafn, Denbighshire, Wales.
1942. Purchas, Mrs. F. Brooks (Milburn), The Thatched House, Roundwood Lane, Haywards Heath, Sussex.
1900. *Purves, J. M., Brees Royal Hotel, Jersey, C.I.
1908. Pymant, G. W., 472 Pinner Road, Pinner, Middx.
1944. Pymont, E. W., Prospect House, Nottswood Hill, Blaisdon, Glos.
1906. Race, A., Harewood Nurseries, Darlington, Durham.
- Ramsbottom, Miss M., 34 Ennerdale Road, Kew, Richmond, Surrey.
1925. Ransom, D. H., Glen Rose, Samares, St. Clements, Jersey, C.I.
1951. Rattenbury, H. C. P., 54 Fordel Road, Catford, S.E.6.
1951. Ravenscroft, A., A.S., Parks Dept., Municipal Offices, Harrogate, Yorks.
1915. Reardon, J. B., S., Vincent Astor Estate, Ferncliff, Rhinebeck, New York.
1906. Renton, J., S., Provincial Nurseries, Essondale, B.C.
1941. *Redman, J., Rock Garden Lodge, Box 399, Hamilton, Ontario, Canada.
1955. Riach, D. D., 94 Tomes, Papanui, Christchurch, N.W.2, N.Z.
1921. *Richards, L. G., 19 St. Georges Drive, Ickenham, Uxbridge, Middx.
1949. Richardson, C. L., D.I.P.A., Deputy Parks Supt., c/o Parks Dept., Cheltenham.
1909. *Richardson, J., F.Inst.P.A., A.H.R.H.S., The Swifts, Castle Carrock, Carlisle, Cumberland.
1906. *Riebe, H. F., 620 Spring Avenue, Elkins Park, Pa., 17, U.S.A.
1958. Riseley, T. R., 55 Knighton Fields Road West, Leicester.
1927. *Ritchings, H., 87 Tilehurst Road, Reading, Berks.
1936. Robbie, I. R., S., Council Offices, Swanspool, Wellingborough, Northants.
1927. *Robbie, J., "Elgeneina," William Street, Torphins, Aberdeenshire.
1954. Roberts, M. S. F., Swiss Cottage, Singleton Park, Swansea, Glamorgan.
1928. Roberts, S. J., S. of Parks, Parc Howard, Llanelly, South Wales.
1923. Roberts, W., 53 Eastridge Way, Tonbridge, Kent.
1922. Robertshaw, P., 80 Chelsea Drive, Durban North, Natal, S.A.
1937. *Robinson, G. W., A.H.R.H.S., A.L.S., C., University Botanic Garden, Oxford.
1931. Robinson, C., M., Leicester Parks Dept. Nurseries, Rotherby, near Melton Mowbray, Leics.
1931. Robinson, H. P., 45 Buckingham Avenue, Welling, Kent.
1934. *Robson, C. H. A., Byeways, Patching Hall Lane, Chelmsford, Essex.
- Rockell, Miss G. D. (See Mrs. Sheat).
1956. Rogers, W. M., 14 Crummer Road, Grey Lynn, Auckland, New Zealand.
1951. Rodway, F. G., B.G., Glasgow, W.2.
1937. Rolff, S. B., Ljungbyhed, Sconia, Sweden.
1948. Rolls, E. V. H., City Park, P.O. Box 30075, Nairobi, Kenya.
1939. *Ronco, L., Bordighera Piani, Borghetto, Italy.
1958. Rooke, I. G., Scadson, Marldon, Paignton, S. Devon.

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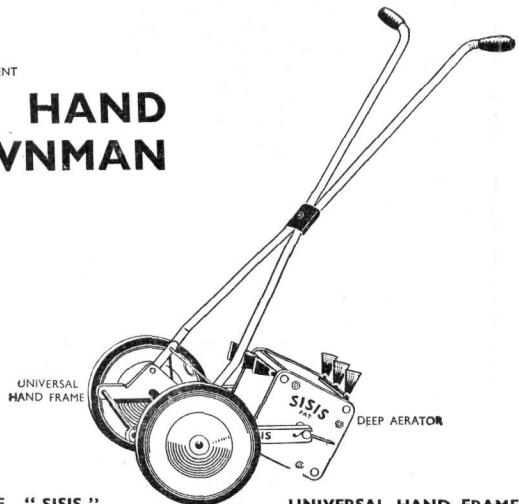
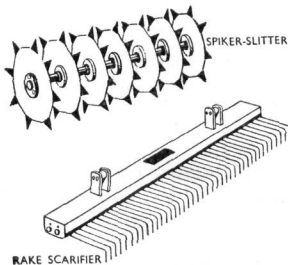
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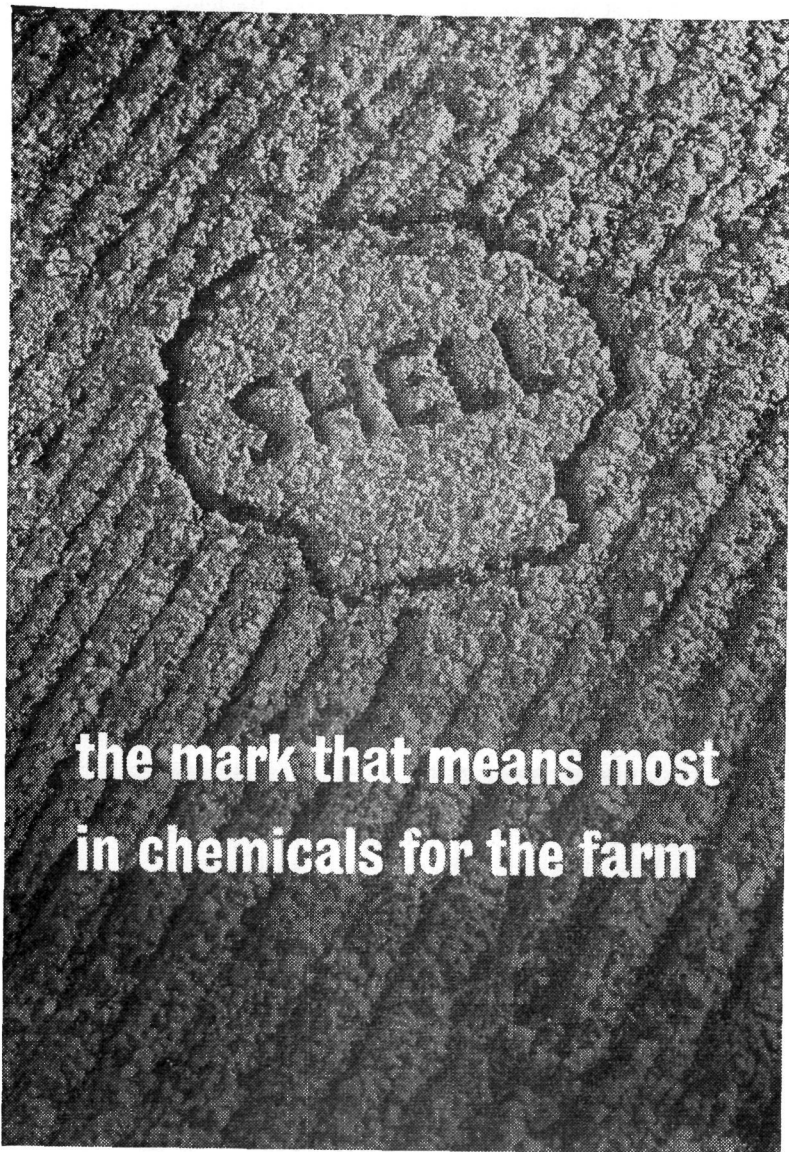


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1938. Rottgardt, K. H., Staatliche Botanischer Garten, Hamburg, 36, Germany.
1919. Rowan, Miss H., St. Brelades Bay, Jersey, C.I.
1920. *Ruck, E. A., 48 Burns Way, Heston, Middx.
1930. *Rudd, C. W., 7 Crescent Rise, Wood Green, N.22.
1936. Rudge, H. C., Parks Dept. Birmingham.
1922. *Rudolf, Miss O. (See Mrs. Davis).
1958. Rule, R. H., 122 Durham Road, Bromley, Kent.
1932. *Rumsey, R. H., M., c/o Messrs. Anderson & Co. Ltd., Fernhill Nursery, Carlingford, N.S.W., Australia.
1906. *Russell, P. T., Sunbeam House, Long Hanborough, Oxon.
1928. *Rutter, W. G., H.G., University Gardens, Edgbaston, Birmingham 15.
1935. Ruyter, B. J. de, 96 Tuinstraat, Tilling, Holland.
1957. Ryder, F. P., Boggart Hole Clough, Brackley, Manchester, 9.
1938. Ryneveld, C. C. van, Deputy D., Parks, Recreation and Beaches Dept., Durban, Natal, S.A.
1946. Rymer, Miss N. B. (See Mrs. Holcroft).
1948. Rzadkowska, Miss I. (See Mrs. Liebich).
1958. Sales, D., N.D.H., Essex Inst. Agric., Writtle, Chelmsford, Essex.
1946. Sampson, Miss J., 8 Kingston Road, Oxford.
1949. Sanders, Miss I., 6 Branstone Road, Kew Gardens, Richmond, Surrey.
1912. *Sargeant, T., Little Oaks, Westfield Road, Mayford, nr. Woking, Surrey.
1950. Saunders, Miss B. J., 40 Cowley Road, London, S.W.14.
1951. Savage, B. R., 1 Leas Road, Clacton-on-Sea, Essex.
1923. Saville, D., 6 Ennerdale Road, Kew Gardens, Richmond, Surrey.
1924. *Sayer, H. W., Flat 3, 70 Cornwall Road, Harrogate, Yorks.
1940. Sayers, D. W., The Flat, Beckworth, Lindfield, Sussex.
1910. *Schön, J. N., Florida, F.C.C.A., Ibanez, 2566, Argentina.
1945. Scott, Miss C. (See Mrs. Bundy).
1951. Scott, G. S. G., The Morton Arboretum, Lisle, Illinois, U.S.A.
1956. Scott, H. A., 29 Springfield Park Lane, Chelmsford, Essex.
1922. *Scott, W. C., Summerhill Cottage, Wallcrouch, Tunbridge Wells, Kent.
1902. Seaborne, R. S., Penrhas Gardens, Exeter Road, Dawlish, South Devon.
1955. Seager, T. J., 268 Trentham Road, Longton, Stoke-on-Trent, Staffs.
1923. Semple, J. A., 82 Beechwood Road, Wellesley, Mass., U.S.A.
1949. *Senogles, F., 4 Astor Avenue, Ludgershall, nr. Andover, Hants.
1944. Shallcross, Miss M. (See Mrs. N. Waller).
1928. *Shambrook, C. E. W., S., Parks Dept., The Arboretum, Monks' Road, Lincoln.
1913. *Sharpe, Major H. B., C.B.E., Ndaragwa, Kenya, E. Africa.
1944. *Sharps, Miss F. A. (See Mrs. Ashby).
1949. Sharps, Miss J. (See Mrs. Hingston).
1938. Shaw, F., N.D.H., Hort. Officer, Shire Hall, Cambridge, and 12 Warren Road.
1957. Shea, J. O., L.C.C. Parks Dept.
1939. *Sheat, W. G., and Mrs. Sheat, D. of Parks, Johannesburg, Transvaal, S.A.
1955. Shepherd, C., P.O. Box 70, Kitwe Municipal Park, Kitwe, N. Rhodesia.
1940. Shepherd, Miss B. N., (See Mrs. Cramer).
1953. Shepherd, M. W., 23 Denmark Road, Exeter, Devon.
1936. Shewan, H. T., Dept. of Horticulture, Asamankere, Gold Coast, West Africa.
1899. *Shewell, Mrs. E. M. (Morland), Alcester, Warwickshire.
1940. *Short, J. G., 2 Judges Bay Road, Parnell, Auckland, C.4, New Zealand.
1937. Simmonds, F. L., 10 The Chase, Holland-on-Sea, Essex.
1948. *Slade, W. J., H.G., Napsbury Hospital, nr. St. Albans, Herts. (North Lodge).
1929. Slinger, L., Donard Nursery Co., Newcastle, Co. Down, N. Ireland.
1920. *Smith, E. J., c/o P.W.D., Kampala, Uganda.
1954. Smalley, E., 28 Thornton Road, Childwall, Liverpool, 16.
1953. Smith, I. L., 87 Crescent Road, Toronto, Ontario, Canada.
1930. *Smith, J., F.L.S., 21 Blendon Drive, Bexley, Kent.
1933. Smith, James W., S., Public Parks, Cheltenham, Glos.
1945. Smith, Mrs. M. C., N.D.H., (Cowell), Brindle Cottage, Clare Lane, E. Malling, Kent.



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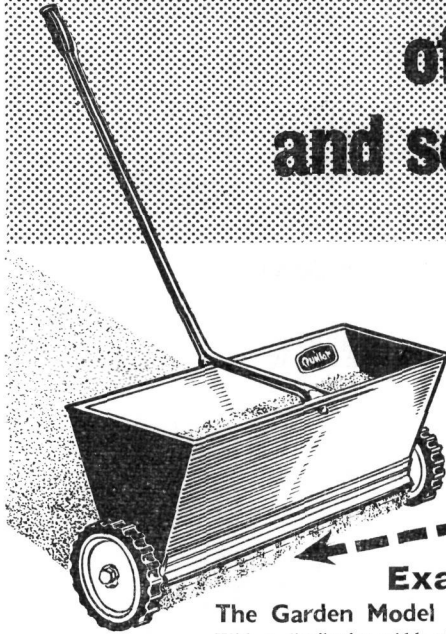
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1949. Smith, W. S., Red Hall Nursery, Leeds City Parks Dept., Chadwell, Leeds, Yorks.
1918. Snelling, Mrs. P. (Fuller), 27 Market Place, Wokingham, Berks.
1911. *Snowden, J. D., F.L.S., "Mirembe," 19 Vectis Road, Barton-on-Sea, New Milton, Hants.
1919. *Somers, Mrs. A. G. (Ellis), Woodford, St. Brelade, Jersey, C.I.
1919. *Sparrow, Sqd./Ldr. J. M. M., Chukwani Farm, P.O. Gilgil, Kenya.
1944. Speake, Miss M. (See Mrs. Werner).
1901. *Spooner, H., 43 Highbury Avenue, Prestatyn, N. Wales.
1946. Sprague, Mrs. T. A., B.A., F.L.S., 7 Hatherley Road, Cheltenham, Glos.
1934. Spray, J. R., Parks Supt., Berridge Park, Kirkcaldy, Fife.
1924. *Squibbs, F. L., 590 Newmarket Road, Cambridge.
1942. Squire, Mrs. M. W. (Tanner), 28 Colston Road, East Sheen, S.W.14.
1939. Stanion, R. O., 9 First Avenue, Colwick, Nottingham.
1934. *Stanley, M., c/o 2 Penrith Road, Keswick, Cumberland.
1903. *Stayner, Major F. J., Temeraire, Mashaba, Southern Rhodesia.
1934. Stayner, F. J., Scotswood, Greenbushes, via Port Elizabeth, S.A.
1945. *Stent, Miss H. J., (See Mrs. Albert).
1948. Stevenson, Mrs. E., 32 Meadway, Ashford, Middx.
1930. *Stewart, J. H., 33 Bedeque Street, Crumlin Road, Belfast.
1908. *Stirling, E., Duncalchan, Colliston, nr. Arbroath, Scotland.
1927. *Stock, C. R., F.I.P.A., 1 Manor Way, Beckenham, Kent.
1953. Stone, C., 87 Crescent Road, Toronto, Ontario, Canada.
1950. Stone, G. E., Tobacco Leaf Development Co. (JA) Ltd., May Pen, Jamaica, B.W.I.
1932. Stonebridge, G. W., Silver Birches, Walterbush Road, Chipping Norton, Oxon.
1952. Storey, W. E., L.C.C. Parks Dept., Old County Hall, S.W.1.
1948. Straughan, R. E., N.D.H., Farm Inst., Broomfield Hall, Morley, Nr. Derby.
1958. Strabel, J. F., 24 Hawcoat Lane, Barrow-in-Furness, Lancs.
1930. Studley, E. W., F.I.P.A., A.H.R.H.S., D. of Parks, Alexandra Park, Portsmouth, Hants.
1916. *Suckling, Mrs. M. E. (Merryweather), Messrs. Merryweather, "The Gables," Southwell, Notts.
1915. *Sudell, R., F.I.L.A., 2 Guildford Place, London, W.1.
1902. *Summerfield, T. A., Sunnyside, Burneston, Bedale, Yorks.
1957. Sumner, R. J., 43 Churchfields Road, Beckenham, Kent.
1904. *Swan, W., 34 Laurie Avenue, Parnell, Auckland, N.Z.
1937. Swift, H. W., New York B.G., Bronx Park, New York 58, N.Y., U.S.A.
1920. *Syer, F. G., 90 Cromwell Avenue, Cheshunt, Herts.
1942. Tanner, Miss M. W. (See Mrs. Squire).
1941. Tarver, Miss B. (See Mrs. Laking).
1934. Taylor, A. J., c/o Starke-Ayres, Mowbray, Cape Town, S.A.
1939. Taylor, G. E., 244 Sandycombe Road, Kew Gardens, Surrey.
1953. Taylor, H., The Mooring, Station Road, Invergowrie, Dundee.
1933. *Taylor, Hubert, N.D.H., 8 Cotterill Road, Surbiton, Surrey.
1936. *Taylor, J. C., Ontario Agric. College, Guelph, Ontario, Canada.
1947. Taylor, J. O., N., 74 Hean Hay Road, Halswell, Christchurch, N.Z.
1940. Taylor, Miss R. (See Mrs. C. M. Jackson).
1929. Teal, A. G., c/o Parks Dept., Town Hall, Merton and Morden, Surrey.
1953. Tebby, P. A. C., Oddicombe, New Road, Broxbourne, Herts.
1948. Templeton, J., Kirstenbosch B.G., Cape Town, S.A.
1957. Tennakoon, S. B., Botanic Gardens, Gampaha (W.P.), Ceylon.
1903. Thomas, Ernest, 1514 Chestnut Street, Philadelphia, Pa., U.S.A.
1907. *Thomas, E. K., D.Sc., Sec. Rhode Island Hort. Soc., 17 Exchange Street, Providence, Rhode Island, U.S.A.
1911. Thomas, H., Alpine Cottage, Princes Street, Innerleithen, Peebles-shire, N.B.
1958. Thomas, R. G., H.G., c/o Hamilton Corporation, Bermuda.
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 1928. Thornicroft, I. V., S., Bot. Gardens, Hobart, Tasmania.
 1928. *Thorns, F. W., D., Parks, Recreation and Beaches Dept., Durban, Natal, S.A.
 1896. *Thorpe, W., "Drayton", 282 Walmley Road, Sutton Coldfield, Warwicks.
 1910. Tidy, A. W., H.G., Greathouse, Kington Langley, Chippenham, Wilts.
 1955. Till, B. W., P.O. Box 2824, Johannesburg, S.A.
 1949. Till, J. R., Knight Hill House, Padiham, Burnley, Lancs.
 1913. *Tindall, H. B. A., Greenacre, Rugby Lane, Stretton-on-Dunsmore, Rugby.
 1946. Tindall, H. B. B.Sc.(Hort.) N.D.H., Horticulturist, Dept. of Agric. New England, Freetown, Sierra Leone, B.W.Africa.
 1925. *Toms, K. E., Church Farm, Church Street, Cheddar, Somerset.
 1954. Towle, P., c/o Parks Dept., Nottingham.
 1946. Tracy, Miss M., 279 Tring Road, Aylesbury, Bucks.
 1955. Tregear, J. P., 10 Penryn Street, London, N.W.1.
 1927. Trevaskis, P., S. Parks and Gardens, Brighton, Victoria, Australia.
 1946. Trower, Miss S., "Cross Deep," 3 Ashley Drive, Walton-on-Thames, Surrey.
 1912. *Tuck, W. H., Agricultural Education Office, Broomfield Hall, Morley, Derby.
 1909. Tunnington, F., Hort. Officer, "Allerton," Brampton, Huntingdon.
 1949. Turley, A. G., 23 St. Paul's Close, Hounslow West, Middx.
 1949. Turley, P. G., 23 St. Paul's Close, Hounslow West, Middx.
 1901. Turner, A., County Lecturer, Cannington, Bridgwater, Som.
 1936. *Turner, J. H., F.L.S., "Cradock," Fairfield Road, Winchester, Hants.
 1957. Turrill, W. B., O.B.E., D.Sc., F.L.S., V.H.M., F.R.S., 26 Ennerdale Road, Richmond.
 1948. Tweeddale, F., Southerton House, Southerton Road, Kirkcaldy, Fife.
 1956. Tyte, J. S., 22 Woodhall Close, Downend, Bristol.
1926. Vallance, J. C., S., 1160 Rockville Pike, Rockville, Maryland.
 1905. Van Audenaerde, H., Chateau des Cailloux, Jodoigne, Belgium.
 1910. *Van de Voet, C., 158 Williams Street, Taunton, Mass., U.S.A.
 1934. *Vanson, G. H. C., Supt's Office, The People's Park, Wilholme Road, Grimsby.
 1920. *Vardy, M., Sandhill Nurseries, Middleton St. George, Darlington, Co. Durham.
 1907. *Veal, T. J., 3 Nutwell Cottages, Lympstone, nr. Exmouth, Devon.
 1927. Verdoorn, Miss Inez, Division of Botany, Pretoria, Transvaal, S.A.
 1929. Viale, Secundo, c/o La Mortola, Ventimiglia, Italy.
 1935. Viale, Terzo, c/o La Mortola, Ventimiglia, Italy.
 1956. Vickers, F., c/o Parks Dept., Salford, Lancs.
 1946. *Vile, K. M., Inst. of Agric., Moulton, Northants.
 1957. Vivien, A., 19 Crescent Road, Kingston Hill, Surrey.
 1958. Vogt, A., Gartenbau, Zollerstrasse, Erlenbach-Zurich, Switzerland.
1951. Wakefield, Miss E. M., M.A., F.L.S., O.B.E., 20 Castlegate, Richmond, Surrey.
 1934. Walby, A. P. S., Cutteslowe Park, Summertown, Oxford.
 1902. Waldenberg, N., Alnarps, Tradgardsskola, nr. Akarp, Sweden.
 1947. Wall, R. G., I.W.G. Comm., N.W. European Dist., 21 Rue Paul Emile Janson, Brussels, Belgium.
 1928. *Wallace, Mrs. G. B. (Duke), Coffee Research Stn., Lyamungu, Moshi, Tanganyika, East Africa.
 1944. Waller, Mrs. N. (Shallcross), Middle Pett Farm, Bridge, nr. Canterbury, Kent.
 1913. *Walsingham, F. G., 3 Steep Hill Cottages, Loosley Row, Aylesbury, Bucks.
 1921. *Walters, E. A., Citirologist, Dept. of Agric., Assuansse, Cape Coast, Gold Coast Colony.
 1919. Ward, W. A., R.F.D., 4 Laconia, New Hampshire, U.S.A.
 1947. Ward, J., East Park Lodge, Saltwell Park, Gateshead, 8, Co. Durham.
 1948. *Ward, O. J., 1569 Owens Blvd., New Orleans, Louisiana, U.S.A.
 1952. Ward, W. B., P.O. Box 2824, Johannesburg, S.A.
 1920. Wareham, Miss E. (See Mrs. Finch).
 1922. Warner, Miss Audrey (See Mrs. Joy).
 1912. *Warren, C. N., 2200, 5th Street, Berkley 2, Cal., U.S.A.
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1949. Watson, J., 1 Greno Crescent, Grenoside, nr. Sheffield.
1923. *Watson, J. W. S., The Lodge, Abbey Park, Leicester.
1922. Watson, Miss K. (See Mrs. Chambers).
1919. *Watson, Miss W. Cradock, Church Cottage, Westmeston, Hassocks, Sussex.
1944. Watts, Miss B. C., St. Hild's College, Durham.
1948. Waumsley, N., Pine Lee, Leicester Road, Quorndon, Loughborough, Leics.
1908. *Weber, A., Niedershausen, Oberlahnkries, Germany.
1953. Weighill, G. C., c/o Park Superintendent's Office, 3 North Parade Buildings, Bath, Som.
1946. Wells, Miss L. M., N.D.H., Tudor House, Ripley, Surrey.
1936. Wells, D. V., 23 Meadow Close, Ruislip, Middx.
1925. *Wells, T. S., F.I.P.A., A.H.R.H.S., S., The Council House, Corporation Street, Derby.
1923. *Welsh, H., 69 Fortune Green Road, Hampstead, London, N.W.6.
1938. Werder, H. A., 31 Rue Racine, Montrouge (Seine), France.
1943. *Werner, H. F., C., National B.G., Kirstenbosch, S.A.
1944. Werner, Mrs. M. (Miss M. Speake), National B.G., Kirstenbosch, S.A.
1948. *Western, Miss P. (See Mrs. Himson).
1949. Wharton, K., Roselea, 54 Farne Avenue, Alverthorpe Road, Wakefield, Yorks.
1954. Wheatcroft, P., 34 Balaclava Road, Surbiton, Surrey.
1935. Wheeler, G. F., N.D.H., Hort. Station, Burlingham, Norfolk.
1911. *White, A. H. J., Elloughton Road, Brough, E. Yorks.
1908. *White, R. A., The Bungalow, 8 Chase Road, Epsom, Surrey.
1932. Wilding, J. E., 11 Fern Street, Farnworth, Lincs.
1940. Wildy, R. H., N.D.H., 21 Blythe Road, Maidstone, Kent.
1946. Wilford, Miss J., Barlow, Hucclecote, Glos.
1956. Wilkinson, I., Rubana Estate, Teluk Anson, Lower Perak, Malaya.
1947. Will, A. G. K., Box 906, Nairobi, Kenya.
1946. Willett, E. J. S., 19A High Street, Spalding, Lincs.
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1916. *Williams, R. O., C.B.E., A.H.R.H.S., A.L.S., General Manager, Clove Growers, Ass., P.O. Box 26, Zanzibar, B.E.Africa.
1938. Willis, H. H., A.S., 259 High Street, Uxbridge, Middx.
1947. Wilmott, C. J., Dene Lodge, Saltwell Park, Gateshead 8, Co. Durham.
1936. Wilson, A. S., Govt. House Gardens, Bengal, India.
1919. *Wiltshire, Miss N., Merfindene, Longhope, Glos.
1925. *Wiltshire, T. W., A.D. of Parks, Roath Park, Cardiff.
1938. Wolf, Lucien de, Marché au Fromage, 39 Wommel, Belgium.
1934. *Wolstenholme, G. E., C., B.G., Georgetown, British Guiana.
1919. *Wood, Mrs. H. P. (Madan), Ladywell House, Vowchurch, Hereford.
1950. *Wood, P. L. D., c/o Box 189, Salisbury, S. Rhodesia.
1947. Woodward, A., S., 144 Petersham Road, Richmond, Surrey.
1923. Woodhouse, P. J. C., Curator's House, King's Park, Glasgow, S.4.
1954. Worraker, E. N., College of Further Education & Hort. Inst., Wisbech, Cambridgeshire.
1948. Wray, E. V., Selwood, 14 Church Lane, Humberitone, Nr. Grimsby, Lincolnshire.
1938. Wray, E. C., B.Sc., c/o Wray, E. V., as above.
1933. *Wright, F. H., Hort. Officer, Peterlee Development Corporation, Shotton Hall, Castle Eden, C. Durham.
1915. Wuyts, O. F. V., 63 Avenue Des Renardeaux, Gand-St.-Pierre, Belgium.
1956. Wyatt, P. C., 8 College Road, Histon, Cambs.
1939. *Wyndham, G. T. F., Perceval Lodge, Matlock Lane, Ealing, W.5.
- Yarde, Miss E., 18 St. Margarets Road, Stanstead Abbots, nr. Ware, Herts.
1926. *Yashiroda, K., Tonosho-kyoku, Kagawa-ken, Japan.

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 1933. *Younger, R. W., C., B.G., Cambridge.
 1915. *Yuill, E., 35 Askham Lane, Acomb, York.
 1939. *Zaidenberg, D., B.G., Mikveh Israel, P.O.B. 185, Tel-Aviv, Palestine.
 1932. Zammitt, S. J. S., Govt. Farms & Agric. Organiser, Dept. of Agric., Government Farm, Ghammieri, Malta.
 1931. *Zwicky-Waber, K., Sonneblume, Hunibach, Nr. Thun, Switzerland.

We are anxious for the above list to be accurate. Please do not fail to advise the editor of any corrections or changes.

LIST OF OLD KEWITES WHOSE ADDRESSES ARE UNKNOWN

If you can help us with any of these, please do.

- | | |
|---|-----------------------|
| 1944. Ashby, Mrs. D.
(Miss F. A. Sharps) | 1917. *Juul, T. |
| 1954. Ashley, R. F. | 1931. Lee, J. |
| 1943. Brown, J. | 1950. Marden, J. A. |
| 1951. Brown, J. | 1949. May, C. I. |
| 1949. Bury, W. | 1902. *McAllister, W. |
| 1953. Castree, F. | 1907. *McLaggan, W. |
| 1930. Coales, J. D. | 1900. *Mills, G. |
| 1942. Flew, Miss M. G. | 1954. Murden, R. |
| 1932. Gordon, J. D. | 1956. Rippon, A. V. |
| 1949. Howard, D. | 1948. Roddick, P. W. |
| 1920. *Hunter, W. G. | 1948. Roddick, R. S. |
| 1951. Hughes, I. M. | 1897. *Sharp, W. S. |
| 1947. James, K. H. | 1946. Thomas, J. |
| 1928. Johansson, E. G. | 1905. *Weight, G. H. |
| | 1902. Willison, H. |

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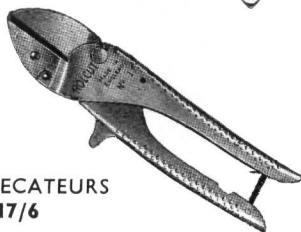
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RULES

1. The name of the Society shall be "The Kew Guild."
2. Membership of the Guild shall include ordinary and associate members as follows: —
 - (a) *Ordinary Members.* Ordinary membership shall be open to present or past Student Gardeners and to all present or past members of the scientific and horticultural non-industrial staff of the Royal Botanic Gardens, Kew, on payment of the appropriate annual subscription.
 - (b) *Associate Members.* Associate membership shall be open to voluntary unpaid Student Gardeners who have served in the Gardens for a minimum period of twelve months, to clerical non-industrial staff and, at the discretion of the Committee, to present or past members of the industrial staff of the Royal Botanic Gardens, Kew, on payment of the appropriate annual subscription.
Associate members shall be entitled to attend meetings and other functions and to receive the *Journal*, but shall not be eligible to take office or serve on the committee, nor to vote at meetings.
3. The object of the Guild shall be to promote mutual and friendly intercourse between past and present Kewites, and to further their interests.
4. Members of the Guild shall have the right to vote at meetings and to compete in competitions, and shall be eligible for election as officers of the Guild or to serve on the Committee.
- 5a. The business of the Guild shall be conducted by a Committee composed of the officers and ordinary committee members. The officers shall consist of the President, two Vice-Presidents, Honorary Secretary, Honorary Treasurer and Honorary Editor. The ordinary committee members shall consist of four present Kewites, twelve old Kewites, and two Student Gardeners.
- b. The President, Honorary Secretary, Honorary Treasurer and Honorary Editor shall be elected annually at the Annual General Meeting. One Vice-President shall be elected annually at the Annual General Meeting and shall hold office for two years. Any vacancy among the officers shall be filled as soon as possible by co-option by the Committee.
- c. Four ordinary Committee members (including three Old Kewites) shall retire annually in rotation and shall not be eligible for re-election for at least twelve months. Any casual vacancy on the Committee shall be filled at the next Annual General Meeting, the member elected completing the term of office of the member whom he has replaced. The Student Gardener representatives shall be elected annually by the Student Gardeners.

- d. A Chairman of Committee shall be elected by the Committee to take the chair in the absence of the President and Vice-Presidents.
- e. Candidates for election as officers or ordinary Committee members may be proposed by any member of the Guild, provided that the names of candidates be sent in writing to the Secretary at least 21 clear days before the Annual General Meeting.
6. The Annual Subscription, which shall be payable on January 1st of each year, shall be such sum as the Annual General Meetings shall from time to time determine and shall entitle members to all publications of the Guild. A member whose subscription is one year in arrears shall not receive further publications until his arrears be fully paid. [The annual subscription is at present 7s. 6d.]
7. Any member whose subscriptions are fully paid, may, on the payment of a lump sum predetermined by the Annual General Meeting, become a Life Member, and be entitled to all the privileges of the Guild without further payment. A sum representing not less than one-half of each life subscription shall be invested in the name of the Trustees and the liabilities to Life Subscribers shall be clearly shown in the annual Statement of Accounts. [This rule is abrogated at present by decision of the Annual General Meeting.]
8. The Guild shall publish annually a Journal containing a list of the Kew Staff, from the Director to the Student Gardeners, and such other information as shall appear desirable.
9. The Annual General Meeting shall be held at Kew on the last Saturday in August. At the Annual General Meeting the Report of the Committee and annual Statement of the Accounts shall be submitted, and elections of officers and Committee members shall take place. Fourteen clear days before the Annual General Meeting the Hon. Secretary shall circulate to all members resident in the United Kingdom a financial statement together with the agenda of the meeting, which shall include a list of candidates for election as officers or ordinary Committee members together with their proposers.
10. There shall be a Benevolent Fund for the purpose of helping Kewites who may be in urgent need of assistance.
11. The Rules shall not be altered except by a two-thirds majority of those present and voting at the Annual General Meeting. Any proposals for the alteration of Rules shall be sent to the Secretary in writing at least twenty-one clear days before the date of the Annual General Meeting, and shall be sent by him to members resident in the United Kingdom at least seven clear days before the date of the Annual General Meeting.