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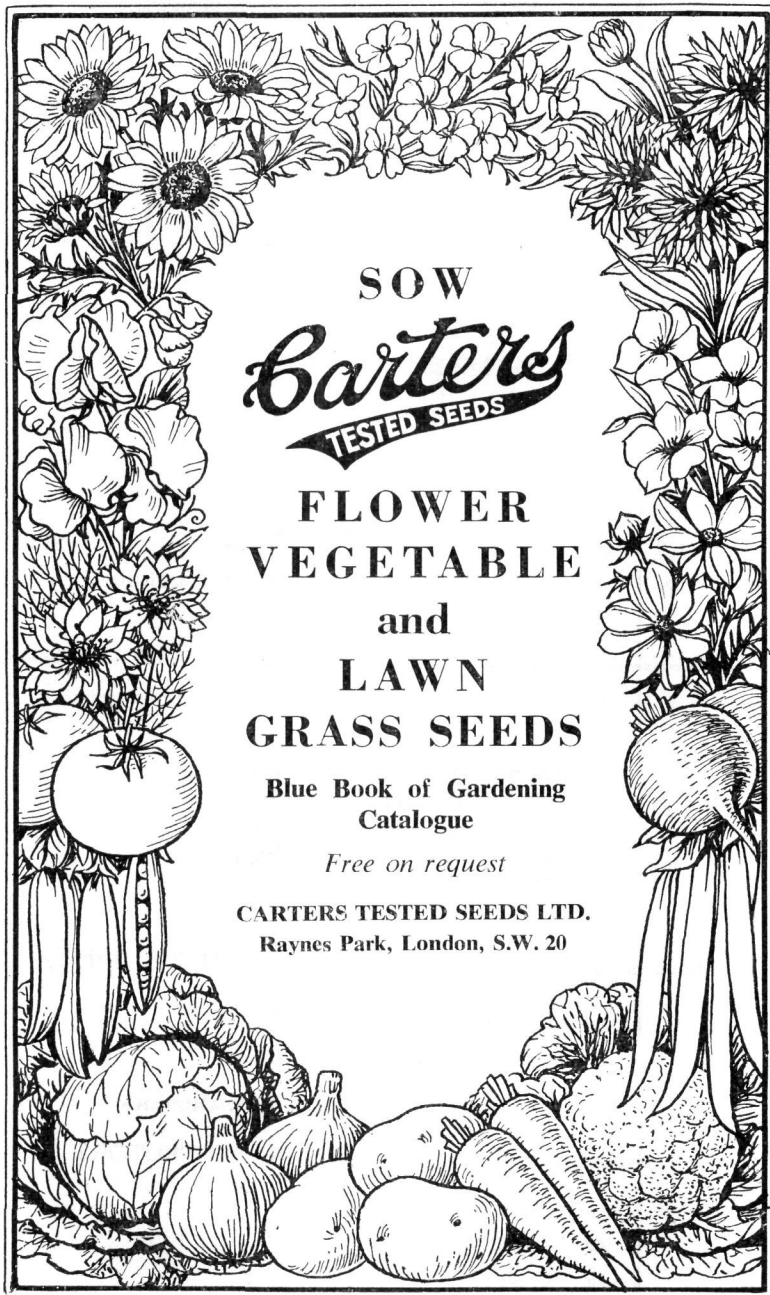
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*The*  
*Kew Guild Journal*  
is the  
**responsibility**  
of **ALL MEMBERS**

Indices are being prepared for the last two volumes of the *Kew Guild Journal*—Volumes VI (1940-49) and VII (1950-59).

In order to give some indication of the number required would those members who are interested please notify the Editor by November 30th, 1961.

**please**

- send us information
- help us keep the address list up-to date
- send in your comments on the journal
- support the advertisers
- note the latest address list on page 859

*Hon. Editor's Address—*

No. 1 The Cottage, Kew Palace, Royal Botanic Gardens, Kew, Richmond, Surrey.



FOUNDED—1892

THE  
JOURNAL  
OF THE  
KEW GUILD

AN ASSOCIATION OF  
MEMBERS OF THE KEW STAFF  
PAST AND PRESENT

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 1960
 

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## EDITORIAL

In the last *Journal* the Editorial expressed the opinion that an important milestone in the history of the Guild had been reached. As many readers are already aware, the Guild "lost" the services of two valued officers when Mr. Campbell and Mr. Stenning retired from the posts of Secretary and Treasurer respectively. At the last Annual General Meeting we were faced with the task of electing their successors.

By good will we succeeded—a strong Guild will never be short of volunteers. An important factor weighed the scales heavily in favour of a successful meeting—one of the most important and active Annual General Meetings in the history of the Guild. It was the election of Dr. Metcalfe as President for the year 1960/61.

In the key position was to be one who understood the Kew Guild—its background, its aims and activities. Then Mr. Sealy agreed to act as Secretary for the following year, thus bringing a vast wealth of experience with a long interest and knowledge of the Guild to bear upon the intricate task of keeping our affairs on course, trim and correct.

Mr. Hickman was then elected as Treasurer and kindly agreed to accept this—a decision all greatly appreciate, and we all wish him well in this unenviable task.

So the Guild strides into its 69th year, supported as keenly and strongly as by its founders and past Kewites into whatever situations that may be ahead. It is in this spirit that we present this *Journal*, the 64th, covering the year 1960.

\* \* \*

*"The Journal's pages ought to be filled with items of news from members in all parts of the world."*—W. Watson, 1896.

WAKE UP! YOU KEWITES AT HOME AND OVERSEAS, this old giant of the past would not be very impressed by these few pages. PLEASE SEND NEWS TO No. 1, THE COTTAGE, KEW PALACE, THE ROYAL BOTANIC GARDENS, KEW, RICHMOND, SURREY.

Please note the latest address list on page 859.

## DR. C. R. METCALFE.

President 1960/61.

Some fifteen or sixteen generations of student gardeners have known our President as a friend and never failing source of advice and information ; his fame as a plant anatomist has spread throughout the world ; he is a worthy successor of the late Dukinfield H. Scott and L. A. Boodle as Keeper of Kew's Jodrell Laboratory. Students will also remember with gratitude that Dr. Metcalfe and his charming wife are always delighted to entertain them at their house ; every fortnight a group of students and staff gather there to hear high-fidelity reproduction of classical and contemporary music on gramophone records. These evenings are justly famous, and long may they continue.

Students and Staff know the man as he is ; world-famous as plant anatomist ; kicking block (particular for the writer) as botanist secretary of the Linnean Society ; often called upon by Law to help out when plants and plant products are involved in both civil and criminal cases ; well known through radio and television as a solver of archaeological problems concerning ancient timbers and charcoal. But all readers of this journal will have some interest in his origin and early life.

For more than a century the Metcalfe family had produced keen amateur naturalists and our President's grandmother, Elizabeth Metcalfe had a fine collection of British plants, many of them in the Kew herbarium, collected in Battersea and other parts of London which, as our President with characteristic understatement says, are "now no longer regarded as good centres for field botany". His father was the Revd. C. F. Metcalfe, Vicar of White-parish, Wiltshire, where our President was born on 11th September, 1904. Dr. Metcalfe early showed his own interest in natural history subjects and at the age of six he had his own small garden, whilst the neighbouring Wiltshire Downs and the New Forest provided his first hunting grounds for wild plants. As he grew up, the family moved first to Quantock Hill, then to Berrow on the Somersetshire coast, and finally to Dorsetshire, all of which provided him with new and exciting study areas.

From 1919 until 1923, Dr. Metcalfe was at Marlborough where, as he says, "My first really serious interest in the scientific approach to biology was aroused by the late Mr. (afterwards Dr.) A. G. Lowndes". At Marlborough he won the school's highest Natural History award, the Stanton Prize ; he also obtained an open Entrance Scholarship to Downing College, Cambridge, and he entered the University in 1923.

At Cambridge he "enjoyed the inspiring friendship of the late Sir Albert Seward", who, as well as being Professor of Botany in the University, was Master of Downing. Of this period, Dr.

Metcalf says, " Dr. H. Hamshaw Thomas and Mr. (later Professor) F. T. Brooks supervised my botanical work, and to both of them owe a debt of gratitude for their inspiration and encouragement."

Dr. Metcalfe graduated in 1926, and from then until 1930 undertook various research projects related to plant pathology, as a result of which he was awarded the degree of Ph.D. He might have remained a plant pathologist had it not been necessary to obtain a more permanent appointment and it must have been with some regret that he came to Kew in 1930 to enter the relatively new world of plant anatomy. One hopes and believes that the regret was short lived, for from the first Dr. Metcalfe threw himself with vigour and determination into the task of mastering his new subject and integrating his life with that of Kew. His success needs no comment; in addition to his vast work in the anatomical field, he has found time to experiment in the physiological field, particularly in relation to air pollution, plant growth substances, and artificial light. He has twice visited the tropics to enlarge his knowledge of how plants live: in 1937 he went to the Cameroons (particularly Cameroon Mt.) in company with Dr. John Hutchinson, and in 1959 he visited Barbados, St. Vincent, Trinidad and Jamaica.

In this brief sketch, it is not possible to give a full account, or to do justice to, the many-sided nature of Metcalfe's scientific attainments or to his generous kindness in his dealings with his colleagues and friends at Kew and throughout the world. Apart from innumerable shorter papers in many different journals, his publications include the *Anatomy of the Dicotyledons* (with L. Chalk) (2 vols., Oxford, 1950), and *Anatomy of the Monocotyledons* (vol. 1, Gramineae, Oxford, 1960); he is a founder member of the International Association of Wood Anatomists and a fellow (and at present botanical secretary) of the Linnean Society. On behalf of Kew he has attended five International Congresses—Cambridge 1930, Paris 1931, Berlin 1938, Paris 1954, Montreal 1959, at all of which he took an active part in discussion and delivered several papers. At Paris (1954) he was Vice-Chairman and at Montreal (1959) Chairman of the Section on Plant Anatomy and Morphology.

The writer has known Dr. Metcalfe for the whole of his service at Kew; wordy battles have occurred frequently, but without malice, bitterness or rancour; we have been colleagues and allies of "Staff Side" in battles against the "Official Side"; we have always—I hope—held a mutual respect, and will be always—again I hope—friends. I congratulate the Guild in obtaining him as its President, as I felicitate him in the esteem of Kewites which his election to that office denotes.



J. D. SNOWDEN.

Vice-President, 1960/62

Our worthy Vice-President, Joseph Davenport Snowden, was born at Silverdale, Staffordshire, on 31st May, 1886. Before entering Kew in October, 1909, he gained valuable experience in the practice and theory of horticulture in several private gardens in the West Midlands and obtained a First-class Certificate in the R.H.S. Examination in General Horticulture in April, 1909. After a happy and strenuous time at Kew where he served in the Flower Garden, Palm and Temperate Houses and the Ferneries, and took part in all the Students' activities, he was appointed in March, 1911, Assistant Agricultural Officer in Uganda, a country which was to be his home for more than twenty years. At first, as Manager of the Government Plantation near Kampala, he was concerned with the experimental cultivation of various economic plants such as rubber, coffee, cocoa, bananas, sisal and rice. In the following years and during the first world war, having already acquired an expert knowledge of these and other crop plants he was sent on tours of inspection of plantations in many parts of the Protectorate and to give advice and instruction to the natives on their cultivation. In those early days such journeys were made on foot or on a bicycle, with a party of 20-30 native porters carrying equipment and food, but later motor-cycles were provided to facilitate this important work. During the ten years following his appointment to the rank of District Agricultural Officer in 1918, he was actively engaged in superintending, inspecting and reporting on the agricultural work of almost all the districts of Uganda, except for two separate periods, 1920-21 and 1925-26, when he was employed on mycological work. In 1928 he became Acting Senior District Agricultural Officer, in 1930 Acting Botanist, and later the same year, Economic Botanist, a position he occupied until he retired from the Colonial Service in 1931.

Mr. Snowden's name will always be closely associated with the early botanical exploration of Uganda. During his extensive travels in that country he gathered much valuable plant-material for the Kew Herbarium, often in such quantity that duplicates were distributed to many other important institutions. In the course of these journeys he ascended the Ruwenzori Range (to 10,000 ft.), Mt. Elgon (to 13,650 ft.), and several of the Virunga Mountains. It was on Mt. Elgon he discovered the fine "Red Hot Poker", with its colourful spikes of yellow-red flowers, which was later to bear his name, *Kniphofia snowdenii*. His collections included a wealth of interesting grasses, one in particular being a delicate new species of *Snowdenia*, a genus of north-east Africa grasses named in his honour.

After retirement in 1931, Snowden settled in Chiswick and for the next five years paid almost daily visits to the Kew Herbarium where he was engaged on a variety of projects. The most important of these was the difficult task of classifying and

naming the huge collection of cultivated Sorghums, those most valuable cereals of tropical Africa and Asia, with which he had long been familiar with in the field. The results of this lengthy and very successful investigation were published as *The Cultivated Races of Sorghum*, in May, 1936, in a book of 274 pages. During this period he also prepared an account of the vegetation of the Virunga Mountains which appeared in the Journal of the British Ecological Society (1933). His botanical work was interrupted by the Second World War but on its conclusion he completed his study of the grass communities and mountain vegetation of Uganda, an extremely valuable account which was issued as a booklet by the Government of Uganda in 1953. This was followed by a revision of the wild fodder Sorghums, the results of which appeared in the Journal of the Linnean Society in 1955.

Since 1936, Mrs. and Mrs. Snowden have resided at Barton-on-Sea, Hampshire, and here at the age of 75 he continues to take a keen interest in Uganda plants and affairs, and especially in the genus *Sorghum*, plants of which have found a favoured place in his garden.

Mr. Snowden occupies a prominent and honoured place among the many Kewites who have devoted their lives to the improvement of agriculture and horticulture in African countries which has contributed so much to the well-being and advancement of their inhabitants.

C. E. HUBBARD.

\* \* \*

Congratulations to the Gardens tug-of-war team, ably led by Mr. K. W. Scales, on winning the Weybridge Cup, and to Mr. J. Elsley on winning the 220 yards men's open championship at the M.A.F.F. Sports Meeting on July 6th, 1960, at Chiswick.

\* \* \*

Colonel C. E. P. Hooker, grandson of Sir Joseph Hooker, has presented to Kew the latter's Aneroid, which was used on his travels in the Himalaya, and of which Kew already possesses the case.

## ANNUAL GENERAL MEETING, 1960

The Annual General Meeting of the Kew Guild was held in the Iron Room, on Saturday, August 27th, 1960, at 3 p.m., with the President, Mr. G. C. Johnson, in the chair, and about fifty members present.

The Minutes of the previous Annual General Meeting held at Kew on Saturday, 29th August, 1959, were read and approved. Following this, the assembly stood in silence in memory of those Old Kewites deceased since the last meeting.

In presenting the Committee's report for the year 1959/60 the President first announced the retirement of Mr. W. M. Campbell as Honorary Secretary, and Mr. L. Stenning as Honorary Treasurer. Expressing appreciation of the work carried out by these two valued members, Mr. Johnson emphasised their long periods of service for the Guild. 14 years for Mr. Campbell and 28 years for Mr. Stenning.

The Directors of the weekly publication *The Grower*, Mrs. N. S. Stucken and our President, Mr. G. C. Johnson, having generously offered the complete *R.H.S. Dictionary of Gardening* as a prize for the student gardeners, the Committee recommended that it should be awarded to the student adjudged the best practical gardener during his or her two years at Kew. The award to be made by a committee comprising the Curator and all the Assistant Curators. This was warmly welcomed and the Committee's recommendations were approved.

Nominating Dr. C. R. Metcalfe for the Presidency, Mr. Johnson spoke of the great service which he carried out, both on behalf of the students and also of Kew. There was a unanimous vote for Dr. Metcalfe as President for the forthcoming year.

The President then proposed that Mr. J. D. Snowden be elected as Vice-President, this too was carried unanimously.

In the absence of other nominations, Mr. J. R. Sealy kindly agreed to his nomination as Secretary. When this was submitted to the meeting all were in favour. Mr. N. Hickman was proposed and approved as Treasurer, but Mr. Stenning stated that he would continue in office to the end of the financial year before handing over to Mr. Hickman. The nomination of Mr. G. E. Brown for the post of Honorary Editor of the *Journal* was submitted to the meeting and approved.

In accordance with the Rules, Mr. Laking, Dr. Metcalfe, Mr. Freeman and Mr. Sayers retire from the Committee. Messrs. Joy, T. A. Russell, R. C. Stock and J. C. Taylor were elected to fill the vacancies. It was agreed that the appointment of two student representatives be postponed until their Association had held its own meeting. Mr. G. H. Preston was proposed and

approved as Auditor and a vote of thanks was extended to the Auditors for their kind help during the past financial year.

Changes had been proposed to Rules *5a*, *5b* and *5d*. It was proposed that a President-Elect be appointed each year and that he and the immediate Past President should serve on the Committee. The proposals were strongly supported by the Committee who judged that this would result in a greater continuity in the management of Guild affairs. The President spoke concerning the reasons for the alterations and after a considerable discussion the recommendations were carried by a large majority.

The Balance Sheet as published in the *Journal* of 1959 was agreed after which the Treasurer reported on the financial position to date. All funds were in a satisfactory position and the General Fund in particular was very sound. Mr. Stenning announced that a sum of £7 7s. 0d. would be drawn from the Educational Fund to allow the entrance fee to be refunded to Mr. Ganney, who had been successful in the N.D.H. Final Examination. Mr. Ganney was congratulated upon his success.

Mr. Brown, the Honorary Editor, called upon to speak about the *Journal*, referred to the special Bicentenary Publication and of the great help which had been given by the Committee members, and in particular by Mr. N. Prockter whose advice and guidance had been proved invaluable. Mr. Brown requested members to help by keeping him posted with news, and also to send changes of address promptly.

On the subject of Christmas Cards, the Honorary Treasurer spoke of efforts to improve their quality.

Mr. Brown, the Honorary Editor, called attention to the fact that many old Guild records were scattered throughout the various departments in the Gardens, and that some Old Kewites might have photographs, notes, etc., concerning the Guild, which they might be willing to give or leave to the Guild, and he suggested that these should be collected and housed in a suitable place and manner. He also suggested that a board exhibiting the names of past Presidents should be considered. Mr. Rawlings agreed to his appointment as Records Officer and be responsible for collecting together the various photographs and documents. It was agreed that the Committee should decide the best means of getting funds to allow of a suitable Presidents' board and also any other means of furthering the above objectives.

Under the other business, the President made an appeal for books for the Garden's Library. He referred to the great value of the Library to the Students and to the desirability of rendering it as complete as possible. He proposed that members of the Guild should be asked to present books to the Library which they no longer needed and it was agreed that this proposal should be referred to the Guild Committee.

The President then asked Mr. Campbell and Mr. Stenning to leave the meeting. After they had done so, he put forward the suggestion that subscriptions be invited from members of the Guild to provide a testimonial to Mr. Campbell and Mr. Stenning as a token of appreciation of the excellent work which they had done for the Guild during the many years they had held the office of Secretary and Treasurer respectively. The suggestion was cordially received and it was agreed that it should be referred to the Guild Committee for further consideration.

#### KEWITES AS AUTHORS OR CO-AUTHORS.

C. R. METCALFE

"Anatomy of Monocotyledons"—Vol. I (*Gramineae*). Clarendon Press, Oxford.

NOEL J. PROCKTER

"Garden Hedges"—W. H. & L. Collingridge, Ltd. 25s.  
(Copy sent for review)

P. G. TAYLOR

"British Ferns and Mosses"—Eyre and Spottiswoode. 25s.

STELLA ROSS-CRAIG

"Drawings of British Plants"—Bell.

Part XIII—*Umbelliferae* (2), *Araliaceae*, *Cornaceae*. 9s. 6d.

Part XIV—*Adoxaceae*, *Caprifoliaceae*, *Rubiaceae*, *Valerianaceae*,  
*Dipsaceae*. 10s. 6d.

Flora of Tropical East Africa.

SUSAN CARTER. *Alismataceae*. Crown Agents (1960). 2s.

SUSAN CARTER. *Butomaceae*. Crown Agents (1960). 1s.

E. A. BRUCE and J. LEWIS. *Loganiaceae*. Crown Agents (1960). 4s.

R. A. GRAHAM. *Rosaceae*. Crown Agents (1960). 5s.

(C. E. Hubbard and E. Milne-Redhead are Editors of the whole series).

Flora Zambesiaca. Vol. I, Part 1.—Crown Agents (1960). 25s.

Contributors to this part are as follows:—

JOHN LEWIS. *Gymnospermae*.

P. TAYLOR. *Resedaceae*.

E. W. B. H. MILNE-REDHEAD and A. W. EXCELL.  
*Ranunculaceae*.

N. K. B. ROBSON. *Anonaceae*, *Violaceae*.

T. H. EVERETT

"New Illustrated Encyclopaedia of Gardening." 1960. 6 vols.  
Greystone Press, New York. \$49.50.

N. L. BOR

"The Grasses of Burma, Ceylon, India and Pakistan (excluding *Bambuseae*)". Pergamon Press, London and Oxford. 1960. £8.

## BOOKS SENT IN FOR REVIEW

GARDEN HEDGES by Noël Prockter.

Gardening is now so vast a subject that it is necessary that its literature shall be of a specialised character, and a book on Garden Hedges deals with an important aspect of this work.

Mr. Prockter writes with a great deal of practical experience and with the obvious intention of making his book of practical use to the newcomer to Gardening, and here we would mention our only adverse comment. The distances apart for planting are given in all instances, but not the distance inside the boundary which should be allowed. This is important, particularly where the boundary is on a public footpath, and we have seen hedges cut back to the bone by order of a local council who may not allow the least encroachment. Mr. Prockter, however, on p. 16, mentions that in preparing the ground for planting a few feet either side of the planting line should also be dug. This takes care of this aspect, providing this note is duly remembered by the reader.

The list of plants mentioned by the author is a long and varied one, and will doubtless surprise the reader who takes the narrow view of the book's title. Still, the excellent photographs show that even such unexpected plants as *Erica vagans* and *Lavendula nana atropurpurea* come within the book's coverage.

In the note on each plant mentioned is given its height, the proper spacing, month for planting, time of flowering, season for trimming and method of propagation.

A chapter on Pests and Diseases, with recommended treatment, is followed by one on "The Law relating to Trees and Hedges" by S. W. Pollard, L.A.M.T.P.I. This law makes provision for compelling the cutting back of hedges which have become a nuisance on the highway, and it is expressly stated that "No person may be required by an order or permitted by the Authority to cut or prune a hedge at any time except between the last day of September and the first day of April." The law and the gardener might not be in agreement here.

This book, with its authentic text and 54 most excellent photographs can be recommended to any gardener. To the vast number of modern house dwellers it should provoke thought before deciding on the type of hedging plant to buy. The author does not condemn privet, but most of us do feel relief when we get out of a privet-lined road.

E. BROWN (1903.)

(W. H. & L. Collingridge, Ltd. 25s.)

## THE CHILDREN'S GARDEN by MISS LAUNA WELLS.

This work (p.p. 135) is written in very simple language especially for children, but it is of a very comprehensive nature. It is obvious that the authoress writes from personal experience.

The first chapter deals with the seed and its germination and the young reader who studies this is likely to develop a serious taste for further knowledge of plants and their cultivation. The authoress has done well in introducing her subject in such a fascinating manner. Chapters follow on Soil, Tools, Garden Planning, Work throughout the Year, Flowers, Vegetables, Bedside and Room Gardening, all written in understandable language.

Just one word of warning might have been added to the section dealing with repotting. It is generally practical to get the plant out of its pot by tapping the rim on the bench, but there are cases, particularly amongst succulents, where bench tapping may have disastrous results. Such jarring of the plant may cause the breaking-off of the leaves of the plant or off-sets; instances are some *Mammillarias*, *Opuntias*, *Echeverias* and *Crassulas*—plants which seem to be popular with children. Getting the plant out by pushing a stick into the drainage hole is preferable in these cases.

One would like to think that every child could be given this book, with a little personal encouragement at the outset in experimenting.

The child who persisted, and digested all the knowledge contained therein, would doubtless become a life-long garden lover.

The drawings which illustrate the text are clear and useful.

In any future edition an index would be advisable. Many of the chapters are divided under sub-headings and it would be useful to be able to turn these up quickly.

E. BROWN (1903).

(T. Nelson & Sons, Ltd. 12s. 6d.)

## POSITIONS TAKEN BY STUDENTS LEAVING KEW IN 1960

Barnes, H. P.	Student, The Grotto, Inst. of Parks Administration.
Briggs, Miss B.	Married to Mr. T. Cole.
Cole, T.	Foreman, Aquatic Nursery, Rickmansworth.
Deans, T.	Student, The Grotto, Inst. of Parks Administration.
Dixon, A. G.	Propagator, Croydon Parks Dept.
Gilkison, D. S.	Student, The Grotto, Inst. of Parks Administration.
Henshaw, H.	Nottingham Parks Dept.
Hitchcock, A. G.	Student, The Grotto, Inst. of Parks Administration.
Jobson, J.	Demonstrator, Floriade, Rotterdam Show.
Lycett, K. M.	Royal Botanic Gardens, Kew.
MacDowell, C. I.	Student, The Grotto, Inst. of Parks Administration.
Pearce, D. G.	Ditto.
Pierce, A.	Charge-hand, Stanley Park, Liverpool Parks Dept.
Pitcher, B. F.	Charge of garden at Lugano, Switzerland.
Scales, K. W.	Technical Assistant, Leicester Parks Dept.
Thames, B. G.	Royal Botanic Gardens, Kew.
Turton, K. G.	Student, The Grotto, Inst. of Parks Administration.

## THE ASSOCIATION OF KEW GARDENERS IN AMERICA, INC.

The Annual Dinner Meeting was held on the evening of March 9th, 1960, at Whyte's Restaurant, West 57th Street, New York, N.Y., during the week of the International Flower Show.

After a period of warm fellowship and a delicious dinner, the Secretary called the meeting to order. He introduced and then installed, our new President, Mr. Howard W. Swift, who is well known to many of our members. Mr. Swift was the first exchange student, sponsored by the English Speaking Union, between the New York Botanical Garden and Kew. His present position is Assistant Curator of Education at the New York Botanical Garden.

Mr. Swift welcomed the members, their wives and guests. He then thanked the Directors for electing him President and expressed his pleasure at being given the opportunity to serve the Kew Gardeners in America. The President then proposed that we adopt a new and larger programme that would give the organization a more active and forward outlook. His suggestions received favourable comments from the members.

The following guests and members were then called on for a few words :

Mr. Sparks, the guest of Mr. Ing, told of his life-long friendship with Kew men and of how he received his education at Reading University. He happily recalled that he and our Past President, Mr. Downer, grew up in neighbouring villages on the Isle of Wight but that they did not have the pleasure of meeting until they came to the United States.

Mr. Bridge told us of the current activities at his nursery in Greenwich and of the flowering plants they are growing for the new Sterling Forest Gardens.

Mr. Agate expressed his pleasure at being able to enjoy the company of his fellow Kewites again. He informed us that he keeps busy in the parks at Great Neck, New York.

Mr. Ford, who is in charge of the experimental greenhouses at Longwood Gardens, reported on some of the new introductions and extended us an invitation to visit the greenhouses when we are in the Kennet Square area. He stated that next year he hopes to bring another Kewite with him, Mr. P. Nott, who is now in charge of their aquatic department.

Mr. Ing entertained us with some happy memories of his student days at Kew.

We were pleased to have Mr. and Mrs. David Ransom with us. He is the youngest Kewite in our group, having left Kew in late 1959. Mr. Ransom thanked Mr. Swift for inviting them and told us of some of their new experiences in New Jersey.



The Secretary reported on the many letters, notes and telegrams he had received. Our Past President sent greetings from Florida, where he and Mrs. Downer are vacationing.

Due to the lateness of the hour, the meeting was adjourned and our President expressed the wish that we would all meet again in 1961.

Those present were : Mr. George Agate, Mr. and Mrs. S. Bridge, Mr. and Mrs. S. Cutting, Mr. and Mrs. G. Ford, Mr. and Mrs. M. Free, Mr. and Mrs. D. Ransom, Mr. and Mrs. J. Reardon, Mr. and Mrs. H. Swift ; also the following guests : Mrs. J. Moss, Mr. H. Perring and Mr. and Mrs. F. Sparks.

STEPHEN G. CUTTING, *Secretary-Treasurer.*

#### WILLIAM DALLIMORE — AN APPRECIATION.

I was looking the other day at a cut on a tree in the West Country, a cut healing remarkably well for it had been made with skill and found myself saying "good old Dally". Dallimore would have been pleased to know his early work on tree surgery had extended so far and done so much to save trees from mutilation and decay. The sound principles of tree pruning of which he was our pioneer will ever continue to spread and it is difficult to realise these principles, so generally accepted nowadays, all spring from his early experiments at Kew.

I knew William Dallimore for some 29 years both as his colleague at Kew and as a close friend in the years of his retirement—a friendship for which I shall always be grateful. He was a great worker, endowed with keen powers of discernment and little escaped his eye whether travelling abroad or taking part in some arboricultural outing. He was very much a North countryman, shrewd and forthright but always kind at heart. He had a real sense of fun and there was usually a twinkle in his eye even when his countenance was stern. His memory was remarkable.

It is not easy in a few words to describe his achievements in so many fields of knowledge. He was our greatest expert on Coniferae and after W. J. Bean, our leading authority on trees, shrubs and arboriculture—no mean accomplishment this—and it is safe to say few will ever know more about trees and timber or be able to discuss so wide a subject with ease and charm.

It is said that the Rev. Forsyth, who invented the percussion cap, "was the only man in the world in whose honour a salute was fired every day". William Dallimore would have preferred a living and less noisy memorial ; indeed he has one wherever conifers flourish and are correctly named and broadleaved trees grow shapely and disease free.

J. H. TURNER.

## NEW ZEALAND BRANCH, KEW GUILD.

The Annual Dinner of the New Zealand Branch was held at Brent's Hotel, Rotorna, at 6.30 p.m. on Thursday, 18th February, 1960. Sixteen members and their wives were present at the dinner which was presided over by Mr. M. J. Barnett (1914). Apologies for absence were received from Mr. A. W. Anderson (1926), Timaru, and Mr. J. Ewart (1937), Tauranga.

The Guests were Mr. John Houston, LL.B., President of the Royal New Zealand Institute of Horticulture, accompanied by Mrs. Houston.

The Toast List was as follows :—

“ The Queen ”

“ The Kew Guild ”

Proposed by : Mr. M. J. Barnett (1914).

Response by : Mr. D. Riach (1955).

“ The Ladies ”

Proposed by : Mr. D. Leigh (1933).

Response by : Mr. J. A. McPherson (1924).

A very pleasant evening was spent in renewing friendships and reminiscing about incidents and personalities of Kew.

At present there are twenty-two ex-Kewites living in this country and over the past year two news letters were distributed to members with items of news and of Kewites in general.

D. C. MACKENZIE (1939), *Hon. Secretary.*

## PHOTOGRAPHIC SECTION, 1960.

This season has been quite a good one although the weather of the past summer has made outdoor photography rather difficult.

During the few promising bright days of the late winter the cameras have been out in full force again—a forecast of a good summer? I hope so.

Lectures have been given on “ Stereoscopic Photography ” by Mr. F. Ballard, A.R.P.S., and on “ Choosing and Using a Camera ” by Mr. S. W. Rawlings, A.R.P.S. These lectures could have been better supported.

Students have given talks with slides on many aspects of travelling and plant collecting during the year, including travelling in Spain, Norway, Switzerland, Austria, and plant collecting in South Africa and in Great Britain.

I would like to thank all those who have supported the club this season and for making it such an enjoyable one.

JOHN N. BANBURY, *Hon. Secretary.*

## ANNUAL DINNER, 1960.

The President, Mr. G. C. Johnson, O.B.E., presided over the 69th Annual Dinner which took place at the Windsor Castle, Victoria, on Wednesday, May 25th, when 148 members and guests sat down to dine. On completion of the dinner, the President proposed the toast of H.M. The Queen. Mr. N. Prockter then proposed the toast of the President and referred to the fact that he had completed nearly 60 years in horticulture. He mentioned his early training at Longleat and later at Dover House. He entered Kew in 1912 and served under Mr. Coutts, afterwards taking up a post as instructor at Leeds University. His main work was centred in the N.A.A.S. in which capacity he rendered excellent service in the East Sussex area, with the result that he was awarded the O.B.E. for his valuable contribution to the work of the Advisory Service.

The President thanked Mr. Prockter for the manner in which he had proposed the toast to himself, and then went on to propose the toast of the Kew Guild. He called attention to criticisms sometimes expressed concerning the value of the Kew Certificate and also drew attention to the necessity of old Kewites assisting the young. He said that there was need for a more intensive course of lectures and an examination at the end which should be carried out by external examiners. He wondered if the Library facilities available for students were sufficiently good to facilitate their studying for the N.D.H. Examinations. He stressed the necessity for the Reports of all Research Stations to be available in the Students' Library, and not have to be borrowed from the Herbarium.

The Presentation of Prizes then took place, these including the Dümmer Memorial Prize, the Matilda Smith, the Mutual Improvement Society's Prize, the C. P. Raffill Prize and the Proudlock Prize.

Mr. Frank Knight then proposed the toast of the Guests. Contrary to custom he felt first he must refer to Dr. Wilbur Zimmerman, the President of the American Orchid Society, who was at present in London for the International Orchid Congress. He referred both to his work and his hobbies and spoke of his orchid hunting expeditions in Mexico.

The next guest, Mr. A. Harrison, he said was well known to all engaged in horticulture because of the position he held as Director of Parks at Edinburgh. He was also President of the Institute of Park Administration, and occupied the same important position with the Royal Caledonian Society. He mentioned that Mr. Harrison was the son of a very famous Scottish gardener.

The third guest, Mr. Maurice Mason, he regarded as the leading amateur grower in the country. He had travelled all over the world to collect plants and had been successful in obtaining 8 gold medals and over 70 Awards of Merit for plants he had

presented before the Committees of the Royal Horticultural Society. As Mr. Mason farmed over 6,000 acres he led a very busy life and yet found time to enjoy the cultivation of the very wide and varied range of material.

Responding to the toast on behalf of the Guests, Dr. W. Zimmerman said it was a great honour for him to be able to say how much they had enjoyed attending the Kew Guild Dinner. It was his first visit to London and he stated that he thought the Chelsea Show reflected great credit and deserved the admiration of all horticulturists throughout the world. On the other side of the Atlantic there was the highest respect for Kew and also for the many men trained in the Gardens who had spent their lives overseas, initiating and constructing gardens, and their complete outlook on life was one ringed entirely by their affection for gardens as a whole. He hoped that Kewites would continue the wonderful work which they did for a long time to come.

Before the close of the proceedings the Secretary, Mr. W. M. Campbell, introduced the various Kewites who were home from overseas. He then described a few of the proposed reorganisations at Kew which would benefit both the Students and the establishment as a whole. He referred to the fact that this was the last occasion on which he would act as Secretary of the Guild or be present as Curator of the Gardens, and he hoped that the Guild which was now flourishing would continue to do so and that the work of the Gardens would prosper, with the proviso that Science must not interfere with the successful cultivation of the wonderful collections now housed in the Gardens.

The President proposed a happy retirement to Mr. and Mrs. Campbell and this toast was received by the acclamation of all.

\* \* \*

Index of Plant Names : According to a note in *The Times* of 12th February, 1960, from its Science Correspondent, an experiment in recording the names of plants, together with synonyms, common names, original authors, place and date of publication, and bibliographies, is being undertaken by the New York Botanical Garden, with support from the National Science Foundation. After field experiments it is hoped to proceed to six indices—of which one alone, that of 1,700,000 plant names, is expected to run to 21 volumes of 1,000 pages each.

## THE RETIREMENT OF TWO LONG-SERVING OFFICERS FROM THE GUILD—

MR. W. M. CAMPBELL AND MR. L. STENNING.

To most members the retirement of Mr. W. M. Campbell as Secretary and Mr. L. Stenning as Treasurer will be "old" news, but in future years this written record will be referred to and read with interest, for their terms of office have covered years when even the very existence of the Guild seemed threatened through the war years, and during a period when the financial position left much to be desired.

Yet much could be written of each officer individually—

Mr. William Macdonald Campbell, Curator of the Royal Botanic Gardens, Kew, for 23 years, retired from this post at the end of May, 1960. Among the highlights in Mr. Campbell's career are included the Presidency of the Institute of Park Administration in 1951 and the award of the Victoria Medal of Honour by the Royal Horticultural Society in 1957. Among the facts concerning Mr. Campbell's career was that his term of service as Curator extended through the difficult war years when materials and labour were very short and when the "houses" themselves were on several occasions near to destruction. The gallant band of lady-gardeners had to be recruited and trained to fill the gaps formed by the removal of trained staff for the Services. For several years after the war various batches of ex-servicemen descended upon Kew as "Trainees", expecting all in a short space of time and impatient to make up for lost years. The Curator and his staff were unsparring in their help and consideration, and many owe their later successes to their tuition and guidance.

Many must have looked back over these troubled years when the staff presentations were made in the Library before Mr. Campbell's departure. It was then that Mr. C. E. Hubbard, the Deputy Director, presented Mr. Campbell with a cheque on behalf of the staff, and Mrs. Campbell was given a box of chocolates. On behalf of the Student Gardeners' Associations the four volumes and supplement of the *R.H.S. Dictionary of Gardening* were presented to Mr. Campbell by Mr. H. Pitcher.

In Guild matters Mr. Campbell followed the tradition of previous curators in taking an active interest in its affairs. From 1946 to 1952 Mr. Campbell and Mr. S. Pearce acted as joint Hon. Secretaries and Editors. Mr. Campbell then continued as Hon. Secretary until the A.G.M. 1960. But, apart from his service, Guild meetings and functions were always important to him and we have the feeling that they always will be. Mr. Campbell has also retired from his position as a Trustee for the Guild.

We wish Mr. and Mrs. Campbell many happy years in their new home at Eastbourne.

Mr. L. Stenning's retirement as Hon. Treasurer to the Guild, after serving in this capacity for 28 years, almost coincided with his appointment as Curator. The post as Treasurer had involved taking the finances through the difficult period already mentioned, when currency values changed overnight, into an era when the appreciation of values had altered and the counter attractions were many. Mr. Stenning has nursed the membership as one would a difficult plant. With personal letters, which he sent to accompany his receipts, he maintained links which were indeed binding—greatly to the benefit of the Guild.

Mr. Stenning has rendered services to the Guild which no member has ever exceeded, and his appointment as Curator on the 1st October, 1960, was received with appraisal from all members. Fortunately he is still with us to give advice and guidance. He has filled a vacancy on the Committee and is also a Trustee of the Kew Guild.

Following the decision reached at the A.G.M., 1960, the Committee has discussed the question of making a special appeal. They have decided to use money from the General Fund and invite members to replace it by donations. It has been proposed that the sum of £75 be appropriated to be divided between the retiring officers in proportion to their respective length of service to the Guild, i.e. £50 to Mr. Stenning (28 years service) and £25 to Mr. Campbell (14 years service).

It has been decided that the presentations be made at the Annual Dinner, 1961, and that the recipients be invited to choose their own gift.

\* \* \*

### WEDDING BELLS.

Mr. James Goodall Fleming (1957) to Miss Sheila Carden at Long Street Methodist Church, Middleton, Lancashire, on 11th June, 1960.

Mr. R. D. Meikle to Miss C. I. Dickinson, in Somersetshire, on 16th February, 1960.

Mr. K. W. Scales (1960) to Miss Nesta Roderick at St. Mark's, Marylebone, on 26th September, 1960.

Mr. Trevor Cole (1960) to Miss Brenda Briggs (1960) at St. Giles' Church, Scarthoe, Grimsby, on 1st October, 1960.

Mr. W. A. G. Gunn (Student) to Miss Joan Thatcher at Marylebone Parish Church, on 3rd September, 1960.

**KEW GUILD GENERAL ACCOUNT, 1960**

RECEIPTS		£	s.	d.	EXPENDITURE		£	s.	d.
Balance from 1959 a/c	...	283	18	2	Printing the 1959 Journal, 1,000 copies, including Photo pages				
Annual subscriptions and arrears	...	95	6	6	Blocks and 1,000 Manilla Envelopes	320	13	11	
Donations	...	9	7	0	The Sun Engraving Co. Ltd.—				
Advertisements in 1959 Journal	...	86	12	0	Bicentenary Block	...	3	10	0
Dividends—£26 6s. 3d. 3¼% War Stock	...		18	4	Block for Journal	...	1	2	3
Dividends—£500 3% War Savings	...	15	0	0	Knight's, Hillington Heath, Ltd.—				
Sir A. W. Hill's bequest	...				Wreath for A. Blackburn	...	3	7	9
Dividends—£295 3% Savings Bonds (Jubilee Fund)	...	9	18	10	Messrs. W. H. Smith & Son Ltd.—				
Dividends—£220 3¼% Defence Bonds (Jubilee Fund)	...	7	7	0	Stationery	...	1	10	6
Dividends—£395 4¼% Defence Bonds (Jubilee Fund)	...	18	3	6	Prudential Assurance Co. Ltd.—				
Dividends—£150 5% Defence Bonds (Jubilee Fund)	...	2	10	0	Premium on Tennis Cups	...		7	6
Dividends—£220 4¼% Defence Bonds—W. H. Judd's bequest	...	9	18	0	Hon. Editor's and Hon. Treasurer's Postages	...	15	6	10
Balance from Christmas Cards	...	8	17	9	Balance in Post Office Savings Bank	...	203	11	5
Balance from Kew Guild Tea	...	1	8	6	Balance in Barclays Bank	...	13	7	3
Balance from Kew Guild Dinner	...	4	9	8					
Interest on £300 in Post Office Savings Bank	...	9	2	2					
		<u>£562</u>	<u>17</u>	<u>5</u>			<u>£562</u>	<u>17</u>	<u>5</u>

**KEW GUILD CAPITAL ACCOUNT**

LIABILITIES		£	s.	d.	ASSETS		£	s.	d.
Life Subscribers—					£300 Post Office Savings Bank	...	300	0	0
148 at £1 at half rate	...	74	0	0	£26 6s. 3d. 3¼% War Stock	...	26	6	3
203 at £2 at half rate	...	208	0	0	£500 3% War Savings—				
106 at £3 3s. 0d. at half rate	...	166	19	0	Sir A. W. Hill's bequest	...	500	0	0
5 at £5 5s. 0d.	...	26	5	0	£220 4¼% Defence Bonds—				
Assets exceed Liabilities	...	948	15	11	W. H. Judd's bequest	...	220	0	0
					Valuation of Journals in Stock	...	160	15	0
					Balance in Post Office Savings Bank	...	216	18	8
		<u>£1,423</u>	<u>19</u>	<u>11</u>			<u>£1,423</u>	<u>19</u>	<u>11</u>

**WATSON MEMORIAL EDUCATIONAL FUND**

RECEIPTS		£	s.	d.	EXPENDITURE		£	s.	d.
Balance from 1959 a/c	...	158	15	8	Refund—R.H.S. Diploma Examination Fees to G. W. Ganney	...	7	7	0
Dividends on £100 3¼% War Stock	...	3	10	0	Balance in Post Office Savings Bank	...	158	17	0
Interest on Post Office Savings Bank	...	3	18	4					
		<u>£166</u>	<u>4</u>	<u>0</u>			<u>£166</u>	<u>4</u>	<u>0</u>

(Assets—£100 3¼% War Stock and Balance in Bank, £158 17s. 0d.)

**MATILDA SMITH MEMORIAL PRIZE FUND**

RECEIPTS		£	s.	d.	EXPENDITURE		£	s.	d.
Balance from 1959 a/c	...	33	13	2	Prize awarded to D. S. Gilkinson	...	2	2	0
Dividends on £50 3% Savings Bonds	...	1	10	0	Balance in Post Office Savings Bank	...	33	18	2
Interest on Post Office Savings Bank	...		17	0					
		<u>£36</u>	<u>0</u>	<u>2</u>			<u>£36</u>	<u>0</u>	<u>2</u>

(Assets—£50 3% Savings Bonds and Balance in Bank, £33 18s. 2d.)

**DÜMMER MEMORIAL PRIZE FUND**

RECEIPTS		£	s.	d.	EXPENDITURE		£	s.	d.
Balance from 1959 a/c	...	54	17	7	Prize awarded to T. Deans	...	3	3	0
Dividends on £70 4% Funding Loan	...	2	16	0	Balance in Post Office Savings Bank	...	55	18	1
Interest on Post Office Savings Bank	...	1	7	6					
		<u>£59</u>	<u>1</u>	<u>1</u>			<u>£59</u>	<u>1</u>	<u>1</u>

(Assets—£70 4% Funding Loan and Balance in Bank, £55 18s. 1d.)

**THE PROUDLOCK PRIZE FUND**

RECEIPTS		£	s.	d.	EXPENDITURE		£	s.	d.
Balance from 1959 a/c. ...	...	6	8	1	Prize awarded to L. A. Foote ...	1	1	0	
Dividends on £25 4% Funding Loan	...	1	0	0	Balance in Post Office Savings Bank	6	10	1	
Interest on Post Office Savings Bank	...			3					
		<u>£7 11 1</u>					<u>£7 11 1</u>		

(Assets—£25 4% Funding Loan and Balance in Bank, £6 10s. 1d.)

**THE BENEVOLENT FUND**

RECEIPTS		£	s.	d.	EXPENDITURE		£	s.	d.
Balance from 1959 a/c. ...	...	111	12	0	Donation of £5 5s. 0d. to an Old Kewite ...	5	5	0	
Donations ...	...			7	Balance in Post Office Savings Bank	109	10	9	
Interest on Post Office Savings Bank	...	2	16	3					
		<u>£114 15 9</u>					<u>£114 15 9</u>		

**KEW GUILD WAR MEMORIAL FUND**

RECEIPTS		£	s.	d.	EXPENDITURE		£	s.	d.
Balance from 1959 a/c. ...	...	18	13	6	Nil				
Interest on Post Office Savings Bank	...			9	Balance in Post Office Savings Bank	19	2	6	
		<u>£19 2 6</u>					<u>£19 2 6</u>		

**KEW GUILD DINNER, MAY, 1960.**

Held at the "Windsor Castle", Victoria

RECEIPTS		£	s.	d.	EXPENDITURE		£	s.	d.
Sale of Tickets—					148 Dinners at 17/6d. each—				
116 at 21/- each ...	...	121	16	0	The Westminster Wine Co. Ltd.	129	10	0	
27 at 19/- each ...	...	25	13	0	Commissionaire's refreshments ...				5 4
5 Guests ...	...			—	10% Service Charge ...				12 18 0
Donations ...	...	3	1	0	Menu Cards ...				2 2 0
		<u>£150 10 0</u>			Commissionaire ...				1 5 0
					Balance ...				4 9 8
									<u>£150 10 0</u>

**KEW GUILD TEA, AUGUST, 1960. Held at Kew.**

		£	s.	d.	EXPENDITURE		£	s.	d.
69 Members paid 3/6 each for Tea	...	12	1	6	To Messrs. John Gardner (London) Ltd.—				
1 Commissionaire's Tea ...	...	—	—	—	71 Teas at 3/- each ...				10 13 0
1 Guest ...	...	—	—	—	Balance ...				1 8 6
		<u>£12 1 6</u>					<u>£12 1 6</u>		

**KEW GUILD JUBILEE PERMANENT SECURITY FUND**

RECEIPTS		£	s.	d.	EXPENDITURE		£	s.	d.
Carried forward from 1959 a/c.	1,020 19 5				3% Savings Bonds ...	295	0	0	
Donations from 28 Members received and gratefully acknowledged ...	...	43	2	6	3½% Defence Bonds ...	220	0	0	
					4½% Defence Bonds ...	395	0	0	
					5% Defence Bonds ...	150	0	0	
					Barclays Bank ...	4	1	11	
		<u>£1,064 1 11</u>					<u>£1,064 1 11</u>		

**CHRISTMAS CARDS, SALES FOR 1960**

RECEIPTS		£	s.	d.	EXPENDITURE		£	s.	d.
1,371 Cards at 5d. each ...	...	28	9	5	2,500 Christmas Cards, including Purchase Tax ...	22	7	2	
893 Cards at 4d. each ...	...	14	17	8	2,500 Envelopes, including Purchase Tax ...				3 4 4
					Students and Improvers Social Association ...				8 17 10
					Balance ...				8 17 9
		<u>£43 7 1</u>					<u>£43 7 1</u>		

Audited and found correct—

V. S. SUMMERHAYES    G. H. PRESTON    *Hon. Auditors.*



## MUTUAL IMPROVEMENT SOCIETY.

The Annual General Meeting was held on September 1st, 1960, and Mr. J. Souster was in the Chair. The following officers were elected for the year 1960/61 :—Chairman, Mr. G. Brown ; Vice-Chairman, Mr. L. Stenning ; Hon. Secretary, Mr. G. W. Gannev ; Hon. Assistant Secretary, Mr. D. Dyke ; Hon. Treasurer, Mr. J. Souster ; Committee Members, Miss H. Rover and Mr. A. D. Schilling.

During the season 1959/60, seventeen members gave full papers and two papers were given by ex-students now working abroad. It had been a very successful season for the Society with an average attendance of 41. During the summer months very well supported visits were made to Saville Gardens, Windsor Great Park ; Jackman's Nurseries, Woking ; Nymans, Sussex ; Wakehurst Place, Sussex ; Sanders Orchids, St. Albans ; Lea Valley Research Station and Bedgebury Pinetum. A trip was made to Sheffield Park, Sussex, during the autumn.

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 the most to help the Society)—Mr. A. Pierce.

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. B. E. Humphrey and Mr. D. Gilkison.

The Society's Prize (raised by the subscriptions of members and awarded to the members who have taken the most active part in the discussions and debates)—Mr. B. Pitcher.

The Society is greatly indebted to Mr. Campbell and to Mr. J. Souster for their help during the season.

A. PIERCE, *Hon. Secretary*, 1959/60.

## SYLLABUS—OCTOBER, 1959—APRIL, 1960.

1959		
Oct.	5	Types of Australian Vegetation ... Dr. R. Melville
"	12	Some Important Economic Plants ... Mr. M. Johnston
"	19	Aspects of Horticulture in Nottinghamshire ... Mr. M. Lycett
"	26	The Cultivation of Sweet Peas ... Mr. T. Cole
Nov.	2	Gardening in Bermuda ... Mr. D. Moore
"	9	Internal Debate—Speakers: B. Pitcher, T. Cole, B. Carter and D. Pearce.
"	16	Wall Shrubs and Climbers ... Mr. A. Pierce
"	23	Wages and Conditions ... Mr. B. Thames
"	30	Conifers in Great Britain ... Mr. A. Hitchcock
Dec.	7	Beneficial Organisms ... Mr. P. Barnes
"	14	Some Aspects of Horticulture Concerning House Plants ... Mr. D. Pearce

1960			
Jan.	4	The National Trust ... ..	Mr. K. Toft
"	11	Rubber Cultivation in Malaya ... ..	Mr. I. Wilkinson
"	18	Mist Propagation ... ..	Mr. B. E. Humphrey
"	25	Glasgow Botanic Gardens ... ..	Mr. T. Deans
Feb.	1	The Importance of Horticulture to the Economy of the Netherlands ... ..	Mr. J. Jobsen
"	8	Kew-Cambridge Debate— Messrs. G. W. Ganney and B. Pitcher	
"	15	Polythene in Horticulture ... ..	Mr. B. E. Lowe
"	22	Plant Life through the Ages ... ..	Mr. D. Gilkison
"	29	Cycadaceae ... ..	Mr. K. Scales
Mar.	7	Hydroponics ... ..	Mr. J. Simmons
"	14	Kew-Wisley Debate at Wisley—Mr. B. Humphrey and Mr. P. Barnes.	
"	21	Some Aspects of Horticulture in the Soviet Union ... ..	Mr. B. Pitcher
"	28	Internal Quiz—North v. South <i>North—</i> Mr. P. Barnes, Mr. D. Dyke. <i>South—</i> Mr. G. Ganney, Mr. B. Humphrey.	
Apr.	27	Experiences with the 1958 Swiss Expedi- tion to Western Nepal ... ..	Mr. E. Reiser
May	27	Barnes Brains Trust—Miss H. Rover, Mr. P. Barnes and Mr. G. Ganney.	

#### PREVIOUS POSITIONS OF STUDENTS ENTERING KEW DURING 1960.

Aldous, J.	Compton Acres Estates Ltd., Bournemouth.
Anwyl, R. B.	Messrs. R. I. Caln, Stamford Nursery, Nr. Brighton.
Baren, M. E.	Harrogate Parks Dept.
Barnett, R. C. A.	Colonisation Dept., Jerusalem.
Bridgman, P. T.	Ealing Parks Dept.
Cook, G. A.	Stamford Park, Cheshire.
Dodds, B.	Parks Dept., Newcastle-on-Tyne.
Evans, D. T.	Lake District Nurseries, Ambleside. (T. R. Hayes & Son).
Gabe, J. M.	Cardiff University Botanic Garden
Giles, C. J.	H.M. Services (R.A.F.)
Harrison, R. T.	Agricultural Dept. (Nyasaland Gov.)
Holmes, D. H.	Sunningdale Nurseries, Surrey.
Jayman, J. N.	Improver, Royal Botanic Gardens, Kew.
Linnegar, S.	Royal Botanic Gardens, Kew.
Matthews, T.	Oldham Corporation Parks Dept., Lancashire
Rainey, J.	Royal Botanic Gardens, Kew.
Sayers, C. D.	Chelsea Physic Garden.
Taber, D. W.	Portsmouth Corporation Parks Dept.
Warrington, J. F.	London County Council.
Whitehill, J. E. E.	Botanic Garden, Adelaide, Australia.

## KEW BOTANY CLUB, 1959-1960.

The series of winter lectures began in November with a talk on "British Woods and Woodland Plants" by Dr. Robson, who dealt with the various vegetative layers of British Flora, together with the two main types of woodland and the plants to be found therein. There was a good attendance at the lecture on "Seaside Plants" by Mr. J. P. M. Brennan, in which he spoke of the ever changing coastline and its effect on the flora. The lecture by Mr. D. Philcox on "Plants of Chalk Downs" was of particular interest as reference was made to Box Hill, an area known to all members. To close the session Dr. C. E. Hubbard gave an extremely interesting and well illustrated lecture on "Grasses and Grasslands", covering the many grassland types, their composition and the effects the various environmental factors have on them.

At the A.G.M. held on 12th April, 1960, Mr. F. N. Hepper announced his retirement from the post of President, and as his successor proposed Mr. D. Philcox, who was elected by a show of hands. Also elected were Mr. L. A. Foote as Hon. Secretary, with Miss J. L. Taylor, Mr. B. Dodds and Mr. A. Cook as members of the committee.

The summer season began on May 8th with a most enjoyable trip to the Box Hill area. Other localities visited included Boston Manor; Queen's Cottage, Kew; Hounslow Heath; Staines and Chaleham Common. The orchid trip to the beautiful Sittingbourne area again proved very popular, with a 29-seater coach being hired for the occasion. Mr. N. H. Bott and Mr. W. Burley very kindly acted as our guides once again and, although rain curtailed the trip, everyone had a thoroughly enjoyable time. The Annual Outing took place on Thursday, 21st July, and covered the Dungeness area. The party, led by Messrs. D. Philcox and F. N. Hepper, botanised over the shingle ridges before moving to Dungeness village and the beach for lunch and a "dip" in a somewhat cool sea. The party then walked over the shingle to the lighthouse, collecting and noting many rare and interesting plants. The trip ended with tea in the old fortress town of Rye.

After consultations with the Director, the judges of the 1960 British Flora collection competition decided to withhold the prizes as the collections submitted did not comply with the regulations.

L. A. FOOTE, *Hon. Secretary.*

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—"friendships formed at Kew will stand the test of time and the desire is ever present, no matter where Kewites are situated, to keep in touch with Kew men, wherever they may be—the aim and object of our Guild in its entirety."—Ernest G. Dunk, K.G.G. 1931. Vol. V, No. XXXVIII, Page 4.

## SPORTS AND SOCIAL CLUB, 1960.

The Club has maintained its position as the centre of social and sporting activities at Kew. It has received support from both students and staff and we have welcomed visitors to participate in all our functions. The officers of the club who were elected at Annual General Meetings during the year are as follows:— President, Dr. C. R. Metcalfe; Chairman, Mr. N. Hickman; Treasurer, Mr. S. A. Pearce; General Secretary, Dr. K. Jones; Section Secretaries:—Social, Mr. D. Dyke; Cricket, Mr. Waddington; Soccer, Mr. T. Preston; Hockey, Dr. K. Jones; Athletics, Mr. G. Ganney; Music, Miss J. Taylor; Photography, Mr. J. Banbury; Herbarium Representative, Miss S. Watling; Commonwealth Mycological Institute Representative, Mrs. B. Scurry.

Although during the year the Club has provided an extensive range of intellectual, social and athletic attractions it is to be regretted that it has been more difficult to persuade members to participate in healthy exercise than it has to improve their minds or their matrimonial prospects. We have thus seen the sad, but we hope temporary, demise of the soccer team. Fortunately hockey has reappeared at Kew so that we still have one major winter sport to keep us from becoming physical degenerates. Greater support is strongly urged for all our athletic activities in the coming year.

Our dances have in general been well attended but numbers did fall off towards the latter part of the year. They surged upwards again however for the Xmas party which was held in the Boathouse in December. The evening is one to be remembered for its exuberant atmosphere and for the high standard of fancy dress. This year's theme was the "Good Old Days" and the first prize for the best departmental tableau was deservedly won by the Decorative Pits for their re-enactment of the victimisation of the suffragettes. The "ladies" concerned appeared complete with railings, chains and banners and would have done much to convince us of the rights of women had they not been hauled away by three irate policemen. Their prize, the traditional cake, once again generously given by Mrs. Metcalfe, was presented by Dr. Taylor who, with his co-judges Dr. N. L. Bor and Mrs. L. Stenning, had carefully assessed the tableaux. Mention must be made of the second prize winners from the Ferneries who presented a trio of gamekeepers reading an apparently enlarged edition of a very controversial book; this disappeared in a struggle at the end of their act.

It is sad to think that no mention can be made this year of the Kew-Wisley Tankard Race. The efforts of the previous year apparently proved too much for our opponents. Their failure to appear with the tankard has been a bitter disappointment for us

and we trust that their recovery will be complete by the middle of 1961.

I wish to express the thanks of the Club to the retiring Secretary, Mr. L. Scales, for his efforts in the previous year, and to all those who have shown a keen interest in the continued success of our efforts.

KEITH JONES, *Hon. Gen. Secretary.*

## ATHLETICS SECTION.

### KEW-WISLEY RELAY RACE, 1960.

The race was held on Saturday, 2nd April, and the weather was very kind to the seven runners who faced the starter at the Curators Gate, Wisley. As the runners emerged out of the Wisley entrance they were packed very closely and it was not until they reached the main road that they began to stretch out. At this point the order was Kew (Ganney), Pershore, Wisley and Cambridge. With the second stage runners getting ready at Cobham, Kew were forging ahead and had a lead of 200 yards on the first lap. The next stage was run very well by the Kew man (Low) and with a lead of 400 yards over Wisley we were feeling very happy. However, this was to be short lived as the third Kew runner (Moseley) lost ground and was 100 yards down on Wisley at the next changeover point. Over the Hampton Court stage the Kew runner (Henderson) managed to hold his own and there was no change in the order. It was at this stage that an exceptionally fast run by the Kew man (Dodds) put the team into the lead once again. It had been a very close race all the way from Wisley and now with Wisley and Kew (Elsley) racing neck and neck along Kew Road the tension was mounting. It was not until Cumberland Gate that the Wisley man pulled away to win by some 5 seconds. A truly wonderful race over such a distance. Teams in order of finishing:—Wisley 1 hr. 34 mins, Kew 1 hr. 34 mins. 5 sec., Cambridge, Pershore, Grotto, Oaklands, Swanley. The prizes were presented to the winning teams by Dr. Hubbard.

### CIVIL SERVICE SPORTS DAY.

Kew fared very well and although going down at Cricket and Football, we managed to win the "Weybridge Cup" for the "Tug-of-War". This was a great achievement and was coupled with the winning of the 220 yards by J. Elsley.

### CLOG AND APRON RACE.

The race was held on 19th October and was started by Dr. Taylor. A field of some 30 "Cloggers" headed at great pace towards the Orangery and did not spread out until the Turkey

Oak. At the tape G. Ganney was a few yards ahead of J. Warrington with C. Henderson in third place. The prizes were presented by Mr. Stenning at the "Newcomers Dance".

#### ROUND THE GARDEN RACE.

The race was held on 26th October and owing to the inclement weather, not as many people turned out as was hoped for. Dr. Metcalfe started the runners away on the 2.8-mile course and conditions could not have been worse, with the paths under water most of the way round. The pace was very fast and it was obvious that the leading runners were in a fairly fit condition.

Results : The first two runners scoring in the team : —

##### 1. Alpines :

G. Ganney	...	...	1	13 mins. 33 secs.
P. Saul	...	...	4	15 mins. 30 secs.

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5 points

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##### 2. Arboretum :

C. Henderson	...	...	3	15 mins. 21 secs.
A. Geddes	...	...	6	15 mins. 55 secs.

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9 points

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##### 3. Tropical :

B. Dodds	...	...	2	14 mins. 40 secs.
B. Nodiroli	...	...	9	14 mins. 40 secs.

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11 points

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The prizes were presented to the winning team at the Christmas Party by Mr. Stenning. The Secretary wishes to express his thanks for the help given by Dr. Taylor, Dr. Metcalfe and Mr. Stenning in acting as officials at various events.

G. W. GANNEY, *Hon. Secretary.*

#### CRICKET SECTION.

The cricket season of 1960 was most enjoyable and successful. In all 16 games were arranged but only 13 of these were actually played, two were washed out by rain and the third, against Cambridge Botanic Gardens, did not take place as they could not field a side at Cambridge. Out of those played 7 were won, 5 lost and one drawn. The team's display at times rose to great heights.

especially during the mid-summer session when there was an undefeated run of over two months.

The first game of the season against Ilford Parks at home ended in defeat after failing to get the necessary runs. From there we travelled to Wisley where the side had no trouble in defeating their rivals by the large margin of 106 runs (P. Saul 54, S. Smyth-Windham 7—9). The next game at home against Richmond Nomads was lost by 5 wickets on a wet pitch. At Bayfordbury against John Innes Horticultural Institute, the team recorded another win, this time by 8 wickets (G. Ganney 4—9). Bad fielding lost the game against Ashford—it was quite the worst display of the season.

The undefeated run started with a draw against Heston Methodists (Briscoe 35): the next, a very exciting game against Fernhurst was won by 12 runs (G. Ganney 6—9). The match of the year, against "The Old Boys" was played on Kew Green, and although one sided, it was a most enjoyable game and our thanks go to all the Old Kewites for making it so (N. Jaymon 39 not out). The return game against John Innes resulted in a win for the home side by 6 wickets (G. Ganney 6—24). A win by *one* run was the next result against Heston Methodists (G. Ganney 5—25, P. Saul 4—10). The Gardens produced their best cricket in beating Richmond Nomads, the next game, by six wickets. Some fine batting by N. Jayman 59 not out and G. Ganney 33, followed the team's fine bowling and fielding display (S. Smyth-Windham 6—25). Ilford Parks again proved too good in a well fought game and a 5 wicket defeat was a fair reflection (J. Elsley 4—25). The last game of the season was played in failing light against Cambridge Botanic Gardens at home. It resulted in a win for Cambridge by 74 runs (G. Ganney 33).

N. Jayman, for the second year running, topped the batting averages with 20.6—he had some really splendid knocks, and was followed by P. Saul and G. Ganney. The bowling was loaded on to the broad shoulders of G. Ganney, and how well he responded by taking 42 wickets at the cost of 8 runs apiece—a fine effort indeed.

Last but by no means least, thanks to the young ladies who arranged our catering for the home matches on Kew Green and to those who recorded the scoring.

The Old Kewites Match in 1961 will be held on May 20th.

G. E. D. BRISCOE, *Honorary Secretary.*

#### HOCKEY SECTION.

It is five years since Kew last boasted a Hockey section. Its reappearance in 1960 has done much to preserve the sporting tradition at Kew which indeed with the collapse of the soccer club was nearing extinction. It is unfortunate that our first season

should coincide with an exceptionally wet Autumn but despite many cancellations there has been continued support for the game and we have done exceptionally well in our matches. Our fixture list contains both mixed and men's games and we thus cater for the sporting types of both sexes. Many of our players have been complete novices to the game but nevertheless they have very quickly become skilled players. We trust therefore that lack of experience will not deter anyone from joining our ranks.

In our first two mixed matches we convincingly beat both the Weybridge Vet. Labs. and the East Malling teams. The only men's match against the B.B.C. 1st XI was lost 7—4, a result which, despite the adverse score, was a creditable one to us. In all our games our captain, Mr. A. Hamed, has been the outstanding player and goal scorer but mention should also be made of Mr. W. Lewis, who despite lack of previous experience has become an exceptionally fine full back by any standard.

We are hoping to have many more games in the 1961/62 season and we invite any who would like to participate in the game to swell our numbers.

KEITH JONES, *Hon. Secretary.*

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One of the finest features at Kew, the Rhododendron Dell, was first dug as an artificial valley by a company of Staffordshire Militia in 1773. In charge of the work was "Capability" Brown, landscape architect and employed at that time by George III. Brown worked extensively in the southern end of the garden near the river, and his work met with the approval of his Royal master. Part of the proof of His Majesty's good impression of Brown's work is provided by the following letter, dated 5th August, 1771, and sent to the architect by his foreman:—

"Their Majesty's came into the works on Saturday after you was gone. I told the King you stayed till two o'clock and that I said to you that their Majestys seldom ever came after that time. He said that he had been detained but should see you next Saturday. The King did not bid me inform you so. But I do it in case you should be engaged you can possibly put it for that day as I think he rather wished to see you. He was much pleased with the levels and asked if you was not so too. I told him you found no faults."\*

\* Included among letters from Brown to Lord Chatham, Public Record Office. (References gathered from *Capability Brown* by Dorothy Stroud, published by Country Life Ltd.).



## LAWN TENNIS CLUB.

In spite of the wet season and of the cancellation of many club days on the courts, there was a small increase in membership and a noticeable increase in enthusiasm. The standard of play was distinctly higher than in recent years.

The Club was again lucky to have The Director as its President. The Secretary was once more Mr. E. Milne-Redhead who was most ably assisted by Dr. M. Y. Stant, whilst the duties of Treasurer and of Match Captain were both undertaken most efficiently by Mr. R. G. Claiden.

Of the six outside matches arranged for the season (all mixed doubles), four were played, but one of these was postponed to a later date owing to the courts being too wet on the day originally fixed for play. The British Museum (Natural History) were defeated in both the home and away matches, and the Kew Club beat Queen Elizabeth College at Kew but were soundly defeated in the away match which was played on hard courts. A new fixture was with the Ministry of Agriculture, Fisheries and Food, Tolworth, but only one match was possible, and resulted in a decisive win for the Staff following a most enjoyable contest. Excellent refreshments were provided by the ladies.

The Proudlock Cup competitions were much interfered with by the weather, neither of the finals being played on the appointed day. In fact the Men's final had to be played in October, after the official closing of the courts for the season and on a hard court. It was won by Mr. W. Lewis who beat Mr. B. E. Haines 6—4, 5—7, 6—1. The Ladies' Cup was won by Mrs. Milne-Redhead with Dr. Stant again the runner-up. Whilst on the subject of the Proudlock Cup competitions, it should be mentioned that the winner of the Men's Cup in 1959 must be considered as Mr. W. Lewis, for Mr. E. Snowden not being a member of the Kew Guild, was consequently ineligible.

The courts were in rather poor shape at the start of the season, as they had little chance to recover from the severe drought of 1959. However, it was possible to keep them watered during dry periods in May and June, and as play was limited in the second half of the summer by the unusual number of days when the courts were too wet, their condition at the end of the season was better than had seemed possible.

The Members wish to convey their appreciation to Mr. S. W. Rawlings and his staff for taking much interest in the courts. The re-turfing which was carried out during favourable weather in the autumn should do much to improve them for next season. Mr. C. Preston, the Groundsman, had a difficult task in keeping the lines from being completely washed out, and the Members are most grateful to him for the many hours he spent on the courts.

E. MILNE-REDHEAD, *Hon. Secretary.*

## FOOTBALL SECTION, 1959-60.

We commenced our season with 20 players. As a member team of the Richmond and District Football League we played 20 matches—won 6, drew 4, and lost 10. This resulted in our being placed 7th in the League. The difficulty throughout was the achievement of a high standard of team work—weekend duties and other arrangements made it impossible to field identical teams two weeks running.

Through the generosity of the Gardens the Club now owns goalposts—and nets, having purchased the latter articles from funds.

In giving my thanks to the players for their co-operation I wish to mention in particular Mr. A. Henshaw and Mr. T. Wood—they have been a great help to me in my work as Secretary.

J. G. VAN DER BREGGEN, *Hon. Secretary.*

## MUSIC CIRCLE, 1960.

This year the activities of the Circle had to be curtailed during the summer owing to the heavy lecture programme arranged for all students.

Since the autumn the fortnightly meetings on Tuesday evenings at 7.45 p.m. have been revived and greatly enjoyed by all members, not the least among the attractions being the delicious refreshments unfailingly produced by our kind hostess, Mrs. Metcalfe. The interval for coffee and conversation is always a highlight of the evening!

A wide range of music has been heard, the attempt to play more unusual records resulting in Guitar Solos, Bartok and Hill-Billy (for the Christmas session!) to mention but a few. As usual the members have lent their own records to supplement those obtained from Hammersmith Library.

Carol Singing on two extremely cold nights was financially rewarding. £12 collected for Dr. Barnardo's Homes and £7 4s. 8d. for the Richmond Star and Garter Home for Disabled Servicemen. The carollers were much encouraged by the accompanists—recorder and violin—and all welcomed the refreshments provided by Mrs. Metcalfe.

Our kind hosts, Dr. and Mrs. Metcalfe, cannot be too warmly thanked for their hospitality, appreciated by all who attend the musical evenings at Pensford Avenue.

JULIET L. TAYLOR, *Hon. Secretary.*

## KEW, ITS WEATHER AND PLANTS IN 1960.

“Sing a song of seasons,  
Something bright in all.”

*Robert Louis Stevenson.*

The year 1960 started with dry conditions and light frosts which did no damage to the early spring flowers. By the first week in January the daffodils were well up, whilst the crocus were showing colour in sheltered places. A cold spell commenced on 10th January with an east wind causing ice to form in a thin layer on the Lake and Ponds, but whilst deep snow drifts occurred as far south as Kent light falls only occurred at Kew. The cold spell, which included the coldest January night since 1947 (12-13th), ended by the 18th with most of the early spring flowering subjects, such as *Chimonanthus* and *Lonicera*, badly seared and frosted. Mild weather followed and the mean temperature evened out to only one or two degrees below the average for the month in the south-east.

Rainfall was well above the average over England and Wales in January and February and it was the wettest winter (Dec., Jan., Feb.) since 1915-16. By the end of February maximum temperatures of 63° had been recorded, with the crocus display prominent.

The first half of March allowed soil working and lawn spiking to continue in earnest. On the 14th of the month the first of the spring grass sowings were made. A period of easterly winds allowed these sowings to be completed before a wet spell set in at the end of the month.

The first half of April was changeable and rather warm. Under these conditions, and benefiting from the sun of the previous summer, the early flowering magnolias produced a wonderful display, the two exceptions being *M. campbellii* and *M. denudata*. The former species seems to have developed a distinctly biennial flowering habit. The second half of April was mainly settled and dry with a good deal of sunshine.

The main cherry display followed the magnolias in early May, during a period of easterly winds which produced dry and cold conditions. But sunny and rather warm conditions followed and by the 5th irrigation was in full swing. Many of the collections flowered under ideal conditions. The *Cistus* collection, for example, began to put up a brave show of blossom by the end of May, having wintered very well indeed. The display in the *Rhododendron Dell* during the last two weeks of the month was also very good. Outstanding among the trees at this time was *Robinia luxurians*, producing an abundance of pale rose and heavily scented flowers to coincide with the horse chestnut display. The result was very pleasing for the light foliage and flowers contrasted well with the heavier *Aesculus* masses.

The fine weather continued through June, which was warm with temperatures above 80° on several days. All seemed set for a repetition of last year's drought and irrigation programmes were laid out accordingly. But after the 4th of July the weather broke and stormy wet weather lasted until November, a spell unparalleled in living memory. However the increase in the health of many of the trees, especially conifers, was an important redeeming feature. Two consecutive seasons of drought would have caused serious losses.

*Meliosma oldhamii* flowered exceptionally well during early July, its branches being weighed down with the heavy panicles of small white blossoms. The group photograph shown earlier in the *Journal* was taken on Friday, 22nd July. From being sunny and bright at 9 a.m. the weather changed completely, and by 3.30 p.m. a heavy hailstorm raged and fell over the Gardens. It was especially bad at the northern end where the hailstones were almost the size of marbles. Large leaves were badly torn but one of the worst affected trees was *Ginkgo biloba* which lost a large number of leaves. It was on the following day that it was noticed that a specimen of *Metasequoia glyptostroboides* was coning for the first time in the Gardens. Just the one specimen in the group by Oxenhouse Gate had six to ten small cones on the very top-most growth some fifteen feet high. The rare tree, *Poliothrysis sinensis*, flowered very well during August, perhaps owing to the high sunshine average of the previous year.

September and October were exceptionally wet and routine mowing became impossible. While many parts of the country were seriously flooded the Thames flowed past at alarming heights. At one time half the adjacent Golf Links were flooded and water was within six inches of the sandbag walling protecting the Gardens. Autumn followed with little sun but despite this there were a few patches of good autumn colour in early October. Hopes for any prominent display were terminated by a sharp frost of six degrees on the night of 12th-13th October. A succession of frosts, strong winds and heavy showers resulted in a quick leaf-fall and most deciduous subjects were bare by the end of October.

November was again wet and windy with little fog. The winter-flowering begonias, so prone to damage and heavy flower dropping in foggy weather, blossomed to perfection.

December proved to be changeable and wet; a very difficult month for soil working and border renovation. The year 1960 went out with the hollies still laden with fruits, but most conspicuous of all were *Malus robusta* and *Diospyros kaki*—both displayed their fruits as brightly and as firmly as in September when they were ripened.

Month	Rainfall in Inches	Temperature		Grass Av.
		Maximum Av.	Minimum Av.	
1960				
January ...	1.76	47°	34°	32°
February ...	1.89	49°	34°	32°
March ...	1.65	51°	40°	36°
April ...	.56	60°	39°	37°
May ...	1.71	67°	48°	45°
June ...	1.05	72°	53°	50°
July ...	3.48	70°	53°	50°
August ...	1.92	70°	53°	49°
September ...	3.81	66°	50°	46°
October ...	5.15	60°	46°	43°
November ...	3.89	54°	40°	36°
December ...	1.97	46°	35°	31°
Total ...	28.84			

#### THE BOOKS SELECTED BY PRIZE-WINNING STUDENTS

##### *Mutual Improvement Society, 1959-60.*

Society's Prize—Mr. B. Pitcher.

"Trees and Shrubs Hardy in the British Isles" by  
W. J. Bean (7th Edition).

C. P. Raffill Prize—Mr. B. Humphreys.

"Garden Design" by S. Crowe.

C. P. Raffill Prize (2nd)—Mr. D. Gilkison.

Supplement to R.H.S. Dictionary.

Hooker Prize—Mr. A. Pearce.

"Trees and Shrubs Hardy in the British Isles" by  
W. J. Bean (7th Edition).

##### *Kew Botany Club, 1958-59.*

Dümmer Memorial Prize—Mr. T. Deans.

"Trees and Shrubs Hardy in the British Isles" by  
W. J. Bean (7th Edition).

Proudlock Jubilee Prize—Mr. L. Foote.

"Garden Design" by S. Crowe.

##### *Top Student, 1959.*

Matilda Smith Memorial—Mr. D. Gilkison.

"Handbook of Coniferae" by Dallimore & Jackson.

These prizes were presented at the Annual Dinner, 1960.

(Where the book selected exceeded the allocated sum the balance  
was made good by the prizewinner).

## PLANTS IN BLOOM IN THE OPEN AT KEW ON DECEMBER 31st, 1960.

The daily maximum and minimum temperatures for December, 1960, are as follows:—

Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Max.	56°	52°	55°	53°	53°	44°	44°	40°	41°	42°	39°	39°	39°	39°	40°	43°
Min.	39°	39°	49°	38°	32°	35°	34°	37°	36°	34°	30°	29°	31°	36°	37°	30°
Date	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Max.	44°	45°	43°	40°	44°	44°	49°	48°	50°	50°	55°	44°	45°	50°	48°	
Min.	36°	39°	38°	37°	36°	33°	34°	33°	35°	30°	31°	30°	32°	35°	33°	

*Amaryllidaceae**Galanthus coreyrensis* Stern*Berberidaceae**Mahonia japonica* (Thunb.) DC.*Mahonia lomariifolia* Takeda*Calycanthaceae**Chimonanthus praecox* (L.) Link*Chimonanthus praecox* (L.) Link  
var. *concolor* Makino*Caprifoliaceae**Lonicera x purpusii* Rhed.*Lonicera standishii* Jacq.*Viburnum x bodnantense* Aberconway*Viburnum foetens* Decne.*Viburnum fragrans* Bunge*Viburnum fragrans* Bunge  
'FARRER'S PINK'*Viburnum tinus* L.*Ericaceae**Arbutus x andrachnoides* Link*Arbutus glandulosa* Martens & Galeotti*Arctostaphylos manzanita* Parry*Erica carnea* L. 'PRAECOX RUBRA'*Erica carnea* L. 'SPRINGWOOD PINK'*Erica carnea* L. 'SPRINGWOOD WHITE'*Erica carnea* L. 'WINTER BEAUTY'*Erica x darleyensis* Bean*Erica x darleyensis* Bean  
'SILBERSCHMELZE'*Erica mediterranea* L.  
'W. T. RATLIFFE'*Rhododendron mucronulatum* Turcz.*Ficoideae**Lampranthus blandus* (Haworth)

Schwantes

*Lampranthus spectabilis* (Haworth)

N. E. Brown

*Hamamelidaceae**Hamamelis japonica* Sieb. & Zucc.*Hamamelis japonica* Sieb. & Zucc. var. *arborea* (Masters) Gumbleton*Hamamelis japonica* Sieb. & Zucc. var. *flavo-purpurascens* Rhed.*Hamamelis japonica* Sieb. & Zucc. 'JELENA'*Hamamelis mollis* Oliver*Hamamelis mollis* Oliver var. *pallida* Chittenden*Hamamelis vernalis* Sarg.*Hamamelis virginiana* L.*Iridaceae**Iris unguicularis* Poir.*Iris unguicularis* Poir. var. *alba* Hort.*Oleaceae**Fraxinus angustifolia* Vahl*Jasminum nudiflorum* Lindl.*Jasminum nudiflorum* Lindl. 'AUREUM'*Primulaceae**Androsace lanuginosa* var. *leichtlinii*.

Leichtl

*Ranunculaceae**Helleborus abschasicus* A. Braun*Helleborus argutifolius* Viv*Helleborus corsicus* Willd.*Helleborus lividus* x *corsicus**Helleborus niger* L. subsp. *macranthus*  
(Freyn) Schiffner*Helleborus orientalis* Lam.*Helleborus orientalis* Lam.

'ARCHER HIND'

*Helleborus orientalis* Lam. hybrids*Helleborus x sternii* Turrill*Rhamnaceae**Colletia armata* Miers*Rosaceae**Prunus serrulata* Lindl. 'FUDANZAKURA'*Prunus subhirtella* Miq. var. *autumnalis*  
Makino*Theaceae**Camellia saluenensis* Stapf sc Bean*Camellia sasanqua* Thunb.*Camellia sasanqua* Thunb. 'ALBA'

## NOTES AND GLEANINGS.

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

## THE JOURNEY OF A GREAT KEWITE—OUR VICE-PRESIDENT, DR. J. HUTCHINSON, LL.D., F.L.S., F.R.S.

Dr. and Mrs. J. Hutchinson voyaged around the world during last winter aboard the SS. "Southern Cross" of the Shaw Savill Line. They left Southampton on December 6th and returned on February 20th, thus beating Jules Verne by four days. At nearly every one of the twelve ports they were met by botanists by whom they were conducted around and entertained. Interviewed at Wellington, Dr. Hutchinson described the voyage as a sentimental one, for he was visiting botanically historical places mostly known only to him on the map.

They were thrilled with the Panama Canal, and the high-lights in the Pacific were Tahiti, the scene of the mutiny on the "Bounty," and Fiji. Three days were spent each at Wellington and Sydney with old and new botanical friends, and they were happy to renew acquaintance with South Africa. We hope to publish a fuller account in our next number.

\* \* \*

## AWARDS.

All Kewites will congratulate the following upon their successes:—

Mr. V. S. Summerhayes, Principal Scientific Officer at Kew and a world authority on *Orchidaceae*, was awarded the O.B.E. in the Birthday Honours List, 1960.

Mr. G. H. Anderson, Foreman in the Palm House, was awarded the B.E.M. in the New Year Honours List, 1961.

Mr. A. Hearne (1942) was awarded the M.B.E. in 1958.

Dr. C. E. Hubbard, Deputy Director and Keeper of the Herbarium, was presented by Professor T. M. Harris at the 8th International Grassland Congress held at the University of Reading. Mr. Hubbard was admitted by the Chancellor of University (Lord Bridges) to the Honorary Degree of Doctor of Science.

Mr. R. C. McMillan (1928), Director of Parks, Manchester, was awarded the Associateship of Honour of the R.H.S. in 1961. Mr. McMillan was also awarded the Mostra Del Fiore Gold Medal at Trieste for his work in horticulture.

Mr. G. R. Groves (1937), Director of the Department of Agriculture, Bermuda, was awarded the Associateship of Honour of the R.H.S. in 1961.

Mr. L. J. Foster (1940)—M.Sc. in July, 1960, at Reading University.

Mr. T. Dumont (1957)—Diploma in Landscape Architecture at Reading University—his thesis "The Botanic Garden".

Mr. G. H. Pring (1906) received a citation for outstanding contribution to orchidology and orchid culture at the Mid-America Orchid Show and Congress.

Mr. B. E. Humphrey (Present Student) has been awarded the "Frank Kingdon-Ward Prize" for 1960.

Mr. R. Rule (1956) of the Orchid Department, Kew, has been awarded the Bowles Memorial Travel Scholarship (value £500) by the Council of the R.H.S. to enable him to join a botanical expedition to North Burina, to be led by Mr. J. Keenan of the Royal Botanic Garden, Edinburgh, in 1961.

#### NATIONAL DIPLOMA IN HORTICULTURE, 1960.

Final. Section V. General:

Mr. G. W. Ganney (Present Student).

Intermediate:—

Mr. A. T. Barnes (1960); Mr. P. G. Bridgman (Present Student); Mr. T. Deans (1960); Mr. A. F. Derrick.

#### DIPLOMA OF INSTITUTE OF PARK ADMINISTRATION, 1960.

Final:—

Mr. E. C. Neighbour (1957).

Intermediate:—

Mr. J. G. Medcalf (1948).

#### DIPLOMA OF ARBORICULTURE:—

Mr. I. Tomalinson (1959).

#### CERTIFICATE OF ARBORICULTURE:—

Mr. B. Humphrey (Present Student); Mr. P. Adshead (1959).

Mr. B. R. Savage (1951) was awarded the Teaching Certificate during 1960.

Mr. C. J. Giles—'the first father student'—a son—Shane Vivian Hayward Giles, on 25th January, 1961, weight 8 lbs. 6¼ ozs. Congratulations Mr. and Mrs. Giles.

\* \* \*

Looking for the activities of Kewites through the pages of *Park Administration*. (Official Organ of the Institute of Park Administration).

#### THE HOME PARKS.

Robert Chichester McMillan, M.B.E., Director of Parks, Manchester, is President 1960-61.

Much could be written of Mr. McMillan's long career and no doubt many will remember his studentship at Kew which began in those far-off days—June, 1925. In November, 1932, he took up his first position as Parks Superintendent—to the Burgh of Airdrie. The Chairman of the Finance Committee of Airdrie referred to Mr. McMillan's "skill as a gardener and to his ability as an administrator" in his budget speech in 1934. Since then his reputation has spread—through the war years when, as Superintendent of the Royal Burgh of Kilkaldy, he took a very active



part in the "Dig for Victory" campaign, until the present when, after having been Director of Parks to the City of Manchester since 1949, he occupies a position on the peak of his profession in charge of one of the largest and most important departments in the country. Mr. McMillan has many other interests outside his official duties, mainly in horticulture, and occupies important positions in local and district societies.

Mr. W. Howell (1925) is an Associate Editor dealing with Landscape Design and Construction.

An important feature of *Park Administration* is the series of feature articles by Mr. L. E. Morgan—"Historical and Important Private Estates in Use as Public Open Spaces."

Among the famous parks and gardens mentioned are :—

Calderstones Park, Liverpool. Mr. Morgan states—"In a park which offers variety, perhaps its most desirable characteristics are its fifty acres of spacious undulating park land and wooded areas, things of permanent value." Mr. Morgan concludes—"The Parks Committee, Mr. P. W. H. Conn (1923) the Chief Superintendent, and his staff have placed more than the inhabitants of their own City of Liverpool in their debt."

Hall Place, Bexley. Here the writer states that the grounds were sadly neglected when the estate was taken over in 1943. He describes the work of restoration carried out by the Superintendent, Mr. F. H. Eul (1935), and ends with this phrase—"Whereas we had found much to interest, appreciate and enjoy in the pleasaunce appropriate to the precincts of the house, here in the park dignity and spaciousness prevailed and the sense of repose was not wasted. Long may it be preserved."

Mr. E. W. B. Gale (1932), Superintendent of Parks, Cemeteries and Allotments at Poole, Dorset, has described his department in the March issue. In his description of his beautiful section Mr. Gale gives the number of parks, playing fields and open spaces for which he is responsible as 44, with an area of over 1,000 acres. The whole article is packed full of information. Selecting from his last paragraph Mr. Gale writes—"Coastal erosion is also a further problem, and some success has been obtained by reshaping the cliffs to 30 degrees and heather clothing the cliff face. The most successful shrubs for cliff protection have been *Tamarix* species, *Elaeagnus ebbingii*, *Ligustrum ovalifolium*, *Atriplex halimus*, *Genista hispanica* and *Griselinia littoralis*.

Mr. G. A. Hingston (1948), the Superintendent of Parks, Borough of Ramsgate, has described the Play Leadership scheme in his department in the February issue. He writes—"Ramsgate Parks Committee have not regretted their decision to encourage

children's games in their principal ornamental park. Fundamentally the intention was to employ a sympathetic games warden and provide a wide range of playthings which children may borrow."

Mr. C. L. Richardson (1948), Deputy Parks Superintendent of Cheltenham, also contributes in the February issue—the last of three articles upon Ornithological Attractions in Public Parks. We all will agree with his concluding phrase—"All in all, however, the park bird life will more than repay this attention by the beauty of their presence and the appreciation of the public."

Mr. E. Chantler (1939), Parks Superintendent, has reported in the October issue upon the Royal Lancashire Agricultural Society's Show.

Bolton Parks Department, where Mr. T. E. Clark (1924) is Superintendent, laid out a large formal garden which is illustrated on the front cover of the *Journal*.

Lytham St. Annes Parks Department, where Mr. T. M. Coventry (1924) is Superintendent and Mr. T. R. Risely (1958) the Deputy Superintendent, produced an exhibit which was intended to provide ideas for the owners of small bungalows.

Warrington Parks Department, with Mr. A. E. Harper (1933) as Superintendent, laid out an exhibit which brought the air and serenity of the countryside with it.

Liverpool Parks Department, with Mr. P. W. H. Conn (1923) as Chief Superintendent and Mr. P. F. McCormack (1936) as Deputy, brought a group which, to quote—"was an exhibition of artistry and extreme delicacy, bringing to the admirer a deep sense of restfulness and charm."

We sincerely thank the Editor of the *Journal of Park Administration* for the above news items.

Mr. H. H. Parker (1952) has been appointed Deputy Park Superintendent to the Borough of Uxbridge. Mr. Parker was previously an estate manager in Nassau in the Bahamas. He started his career with the Blackpool Corporation. Later he moved to Gunnersbury Park. After leaving Kew he became Assistant Superintendent at Clacton.

Mr. D. Hubbard was appointed Chief Assistant for Bath Parks Department in December, 1960. He was formerly Deputy Parks Superintendent at Chelmsford.

Mr. E. C. Neighbour (1957) took up his appointment as Senior Technical Assistant with the City of Stoke-on-Trent Parks Department on 1st January, 1961.

Mr. L. P. Barker, (1958) has been appointed to the post of Landscape Foreman at Burnley Parks Department.

Mr. F. Constable (1949) has been appointed Parks Superintendent of Derby Parks Department. The appointment took effect on 15th December, 1960.

Mr. D. MacGuffog (1951) was promoted to Parks Superintendent in the Sheffield Parks Department in April, 1960.

Mr. T. Riseley, N.D.H., D.I.P.A., was appointed on March 8th to the post of Deputy Superintendent of Parks to the Borough of Lytham St. Annes, Lancs.

Mr. R. T. Kerr (1959) was appointed as Technical Assistant to the Parks and Cemeteries Department of the County Borough of Bournemouth in March, 1961.

Mr. W. S. Marshall (1958) has been appointed Assistant Superintendent of Parks and Cemeteries, City of Rochester Corporation.

Mr. T. J. Seager (1955), F.Inst.P.A.(Dip.), has been appointed as Deputy Director of Parks and Cemeteries Department, Newcastle-upon-Tyne.

Mr. Seager was previously Senior Technical Assistant with Stoke-on-Trent Parks Department, a post he held for four years.

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#### N.A.A.S AND COUNTY COUNCIL APPOINTMENTS.

Mr. D. E. Horton (1928), who is serving in the N.A.A.S., has moved from the Rosewarne Experimental Station having been promoted to County Horticultural Advisory Officer for Lincolnshire.

Mr. C. Attwood (1950) has been appointed School Gardens and Playing Fields Superintendent to the Northumberland County Council.

Mr. I. Tomalinson (1959) has been appointed as Aboricultural Officer with the Middlesex County Council.

Mr. P. W. Roddick (1949) is the Playing Fields Supervisor with the Derbyshire County Council.

## KEWITES IN SOUTH AFRICA.

In spite of long distances separating the major centres in the Union of South Africa frequent "get-togethers" of Kewites are arranged. This occurs usually during sessions of National or Regional Congresses of the Park Administration (S.A.) During the past year I have visited most of the areas in the Union where Kewites are engaged in the beautification of cities and towns and in the control of administration of recreational amenities.

## DURBAN.

One of the largest and most interesting of Parks Departments in South Africa. Three Kewites hold principal executive positions in the department—Frank Thorns (1928), Director of Parks, Beaches and Recreation; Cedric van Ryneveld (1938), Assistant Director of Parks, etc.; Vernon Rippon (1956), Horticulturist, Parks Department. Durban is a popular winter holiday resort and the parks department has done much to attract tourists. It has provided not only spacious Parks and Beach Gardens but has developed numerous open spaces and made garden features throughout the city. The department caters for capacity holiday crowds in the provision, not only of sporting and recreational amenities, but the usual "Pleasurelands", Amusement Parks and aquatic attractions for youngsters. I see Frank quite frequently and only recently during an evening stroll through the beautiful tropic Botanic Gardens, we captured something of the "atmosphere" of the old Palm House in which we both served during the 1927/28's!

## PRETORIA.

Pretoria is the Union's garden city as well as the seat of Government. Famous for its Jacarandas (*J. mimosaeifolia*) which, when in flower, bathe the city in a mauve mist during September and October. Harry Bruins-Lich (1928), Director of Parks and Recreation; H. M. Holloway (1930), Chief District Horticulturist; Jimmy Aves (1939); District Horticulturist. Pretoria has a number of well-planned parks, one of which is devoted entirely to South African plant species. Conservatories are always stocked with well grown stuff and attract many visitors. The beautiful Fountains Valley Gardens and recently laid out Magnolia Dell are very popular with Pretorians during weekends and public holidays. Harry's ability as a decorator is well known in South Africa. I saw a recent effort of his in the Pretoria City Hall which was dressed for a Mayoral reception. No expense and effort was spared and the result was truly a masterpiece of floral art.

JOHANNESBERG. *The "Golden City"*.

The Parks Department in Johannesburg is no Cinderella in Municipal undertakings! Money is provided generously and spent wisely, and is the envy of most parks departments in the Union. The largest Parks staff in the country and the greatest percentage of Kewites: Bill Sheat (1939), General Manager Parks and Amenities; P. W. Page (1938), Chief District Officer; V. L. Bishenden (1938), District Officer; A. Findlay Gunn (1932), Landscape Architect; G. Smith (1959), Assistant District Officer; A. Cleet (1957), Assistant District Officer; B. Ward (1952), Assistant District Officer; and here I should mention Mrs. Sheat, also an old Kewite and, I should think, the only lady Kewite in South Africa! Johannesburg has a number of beautiful parks, the best known being Joubert Park and "The Wilds". Joubert Park, in the midst of the skyscrapers, is perhaps the most popular. The greenhouses and conservatory attract many visitors and house first class collections of temperate and tropical plants, including the "Victoria regia".

PORT ELIZABETH. The home of three generations of Kewites!

F. R. Long (1908), retired 1940; Fred Cook (1921), retired 1958; Leslie Prosser (1938), Superintendent of Parks and Town Attractions; J. R. Sieber (1952), Curator—Victoria Park. Leslie Prosser succeeded Fred Cook as Superintendent of Parks in 1958. In addition to his many responsibilities in a popular coastal city, Leslie has found time to complete the development of a section of the Baakens River Valley, now known as "Settlers Park".

Devoted entirely to the growing of indigenous trees and plants it has a fine collection of Cycads and Aloes. During spring the valley is ablaze with the various species of Cape annuals. Fred Cook, who succeeded Mr. F. R. Long in 1940, is now living in retirement in Walmer and in between games of bowls offers his services as horticultural consultant. Another old Kewite also resident in Port Elizabeth is Mr. J. W. Duncan who left Kew in 1901. Mr. Duncan is 84 years of age and recalls his Kew days under the Directorship of Sir W. Thistleton-Dyer.

Mr. F. R. Long, also living in retirement in Port Elizabeth, is undoubtedly the best known of old Kewites in South Africa. Mr. Long left Kew in 1908 and, after some years in the Far East, came to South Africa in 1924, to take up the position of Beach Manager with the Port Elizabeth Municipality. In 1929 he assumed control of the Parks, Beaches and open spaces, and was responsible for the layout and development of Happy Valley and the famous rockeries in Whites Road. Nearing his retirement in 1940 he joined the S.A. Air Force as aerodrome consultant, rising to the rank of Major. He was responsible for the construction and maintenance of numerous aerodromes during the war. He is still

very much alive, taking a keen interest in the work of his successors, and attending every Parks Conference within reach of Port Elizabeth. He has numerous correspondents overseas and enjoys exchanging seeds of the more unusual types of plants. He acquired most of the valuable collection of Orchids and Tropical Water Lilies now cultivated in the Parks in Port Elizabeth. "F.R.L." as he is affectionately known to the horticultural fraternity welcomed the writer to Port Elizabeth in January, 1929.

F. J. Stayner (1934) was on the staff of the Port Elizabeth Parks Department until recently; he is now Curator of the Karoo Gardens at Worcester in the Western Cape Province. Stayner's father, by the way, also an old Kewite and now resident in Rhodesia, left Kew in 1903. Tom Arnold is another old Kewite whom I see quite frequently. Tom left Kew in 1930 to take up an appointment in Kimberley. He, however, went into commerce prior to the war and now holds an important position in the firm of Distins-Sageeds, one of the largest seed firms in the Union. Another old Kewite occupying an exalted government appointment is Dr. R. A. Dyer, D.Sc. I first met Dr. Dyer in 1929 when he was botanist in charge of the Eastern Cape region with headquarters at Grahamstown. He introduced me to "mountain hiking" in the Queenstown area where we collected, amongst other things *Dierama pendula*, *Cyrtanthus spp.*, *Streptocarpus*, etc., as well as a number of succulent plants. Dr. Dyer proceeded to Kew on a study visit in 1932. He now holds the position of Principal Botanist, Division of Plant Industry, Pretoria. In addition to his many official duties he finds time to supervise the development and layout of a High Veld Botanic Garden on the outskirts of Pretoria. This is very skilfully planned and full use is being made of natural outcrops and contours. The collection of indigenous plants is well spaced and neatly labelled. There is a very charming water feature and grottoes of ferns, but the first appeal to the visitor is the huge expanse of well kept lawns.

I apologise if I have omitted the names of other Kewites resident in this vast country but it is only because their whereabouts are not known to me.

W. EVERITT (1928), *Superintendent of Parks,*  
*Queenstown, South Africa.*

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#### PLANTS OF SPECIAL INTEREST.

The fine old specimen of *Hechtia argentea*, of Mexico, exhibited at Brussels in 1864, bore three long flowering spikes. Many generations of students must remember this intensely pruinose and very ornamental plant.

The specimen of "Turkey Hazel", *Corylus colurna*, near the Ferneries although in a critical condition (*Kew Guild Journal*, Vol. VII, No. LXII, 1957, page 475), bore a great profusion of its long pendulous golden catkins. It is no doubt the tree planted by Aiton (mentioned in the *Hortus Kewensis* of 1789), judging by its age and the fact that it is growing in the area of the original botanic garden of 1759.

In last March the "Chilean Crocus", *Tecophilaea cyanocrocus*, flowered in the Alpine House. Of this very rare plant, whether in cultivation or in its native land, Farrer writes—"let salesmen say what they will this glorious gentian blue Crocus from Chile is quite impossible of general cultivation in England".

Clumps of the stately bamboo, *Arundinaria fastuosa*, introduced from Japan in 1891, have been flowering since 1957 in the Bamboo Garden and elsewhere in Britain and on the continent. Some plants have already died, no new vegetative growth being produced. In one clump at Kew, in which most culms (stems) flowered last year, the few short vegetative shoots then developed are now flowering. It is possible that this bamboo has a life cycle of about 60 or even 120 years. Reference to this phenomenon may be found in Bean's *Trees and Shrubs*.

*Disa uniflora*.—This most beautiful orchid has again flowered at Kew. It is a native of the southern temperate zone of South Africa. Under cultivation it has proved to be difficult. The cultivation requirements include light and cool conditions (55°–60° F.) with light shading during very bright periods. Grown in equal quantities of peat-fibre, sphagnum moss and old orchid compost it is preferable to plunge the pot in sphagnum moss in order to keep the root systems moist and cool.

The flowers, which are light brown passing to orange, are borne either singly or clustered upon a leafy stem during June to July. Each flower is 3-4 inches across.

N. HICKMAN, *Foreman—Tropical Pits.*

*Christiopteris tricuspus* (Hook.) Chr. This fern was collected by Mrs. B. E. G. Molesworth-Allen at Fraser's Hill, Malaya. It arrived at Kew in January, 1955, and was found by accident, the plant having fallen from the branch of a tree during a storm a few days beforehand.

The plant was fertile for the first time at Kew in July, 1960. Being epiphytic it usually grows with *Aglaomorpha* or *Platynerium*, occurring on branches to the north side of a tree and towards the top. So far as is known this is the first time the species has been seen in cultivation.

The plant can be found in No. 2 glasshouse growing in a basket near the glass over the Davallias. The long fertile fronds are tripartite and grow up to four feet in length.

B. BRUTY, *Foreman—Ferneries.*

### ADVENTURES ARE TO THE ADVENTUROUS

Mr. B. K. Skan, a "boy gardener" at Kew, sailed for Australia in March, 1960, to work in Sydney Botanic Gardens.

Mr. Paul J. Darbyshire resigned from his post as Assistant (Scientific) in the Herbarium on 19th April, and sailed on the 20th April for Tasmania. On arrival he was appointed a Technical Assistant (Laboratory) in the Division of Land Research and Regional Survey of the C.S.I.R.O., Canberra, Australia. He will spend six months each year collecting plants in New Guinea with Dr. R. D. Hoogland.

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### KEW'S APPOINTMENTS.

Dr. Keith Jones, B.Sc., Ph.D., of the Welsh Plant Breeding Station, was appointed a Principal Scientific Officer on the Kew Staff to undertake research in cytogenetics. He took up his duties on the 2nd May, 1960. This may be regarded as the first step in the exploration of the scientific potential of the living Kew collections in directions not wholly concerned with plant taxonomy and economic botany.

Before coming to Kew, Dr. Jones was Senior Scientific Officer in charge of cytology at the Welsh Plant Breeding Station, University College of Wales, Aberystwyth.

Mr. A. L. Jewell was appointed in January, 1960, to a newly created post of Exhibitions Officer at Kew. Mr. Jewell who has joined the staff of the Keeper of Museums, Dr. Howes, was previously Assistant Curator of Haslemere Museum.

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### EDUCATIONAL NEWS.

Mr. B. R. Savage (1951) has attended a one-year course in the teaching of Rural Science. Gaining the Teaching Certificate he took up an appointment with the Leicestershire C.C. in August, 1960. He was appointed as Assistant Lecturer and Advisory Officer at Brooksly Hall Farm Institute. His work consists of teaching, lecturing, domestic advising, the foundation of rural science departments in the schools, and the planning of school gardens.

We congratulate Mr. and Mrs. Savage on the birth of their son, Philip, on the 10th December.

Mr. P. Adshead is Rural Science Teacher at West Molesey Secondary Boys School, Surrey. The emphasis of the instruction is on gardening. Mr. Adshead is finding plenty of enthusiasm and some of the pupils stay on after school hours to help in the garden.



Mr. E. V. Wray (1948) is a staff member of the Huntcliff Secondary School, Kirton Lindsay, Lincs. We must have many members who are engaged in educating our younger generations. The Kew training, with its emphasis upon practical ability no doubt stands them in good stead, but how easy it must be for a trained person in this profession to "talk over the youngsters heads" and perhaps leave them confused and disinterested.

When Mr. Wray visited Kew in August, 1960, he spoke of the need to foster and encourage the interest of pupils. Although he is in charge of the Rural Science Departments he has been mainly responsible for the formation of a Rural Science Club. The Head Master, Mr. D. Rawlinson, is its President. Among the finds by the boys and girls on a botanical expedition in 1958 was *Coton-easter microphyllus*—the first recording of the naturalisation of this plant in Lincolnshire.

Mr. Wray is also the founder of the Junior Section of the Lincolnshire Naturalists. The Section was inaugurated in January, 1959, and is already well established. He is also the Hon. Secretary.

Mr. J. Jordan (1956) has been appointed to a teaching post in Wiltshire.

Mr. C. J. Mitchelmore (1947) underwent a number of eye operations during the summer of 1960. We are pleased to report that he is now back at work. Mr. Mitchelmore is Principal of the Celyn Horticultural Institute, Northop, Flintshire.

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#### OTHER IMPORTANT ITEMS.

Mr. G. H. Pring (1906), Superintendent of Missouri Botanical (Shaw's) Garden, received a citation for outstanding contribution to orchidology and orchid culture at the Mid-American Orchid Show and Congress at Chicago in October, 1960. He was an award judge at this Congress and also attended the Trustees meeting of the American Orchid Society.

Mr. R. Coghlan (1959) is working on a 600-acre estate on the west coast of Barbados. He is in charge of Landscape Development.

Mr. W. A. Rose (1934) is now Horticulturist to the Colonial Research Institute, Freeport.

Port Elizabeth Agricultural Society held its Centenary Show in March, 1960. Mr. F. R. Long (1908) acted as chairman of the horticultural section, while Mr. T. Arnold was the dahlia judge.

Mr. G. M. Fuller (1953) left Sweden in May, 1960, for Malta. He is engaged in growing *Chrysanthemum*s.

Mr. L. J. Foster (1940) was awarded an M.Sc. at Reading University in July, 1960. His subject was Apple Rootstocks. He has been stationed at Brumbwe since 1953 and is working mainly on the re-introduction of coffee into Nyasaland. Coffee was one of the most important crops of this area in the period 1890-1910 but quickly died out through mismanagement and the ravages of stem borer.

Mr. B. W. Till (1955) has left Johannesburg Parks Department and has started up a landscape business on his own account.

Mr. T. Cole (1960) now holds the post of chargehand with the Highlands Water Gardens, Rickmansworth. He and Brenda wish to thank the students and Miss Margaret Stones for the beautiful painting of *Lapageria rosea*.

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### OLD KEWITES RETIRED?—NO!—

*(No Kewite has ever been known to retire)*

Mr. L. J. Harding, Museum Preparer, retired in June, 1960, after a long spell at Kew (47 years) for he joined the staff in 1913. During the first world war he saw service with the Royal Navy and in the second world war was one of the mainstays of the local Home Guard. Harding's workshop adjoined the Herbaceous Department Headquarters and his residence was at the Marianne North Gallery where he acted as part time custodian. As he went to and fro from his home to his work he must have been a familiar figure to several generations of Kew students. Harding will always be remembered for his great skill with his tools in any form of cabinet work or wood work and for his popular personality and his fine singing voice. Past and present Kewites will wish Mr. and Mrs. Harding many years of happy retirement in their new home near Dereham in Norfolk.

Mr. W. H. Barker (1923) retired from the N.A.A.S. in June, 1960. He had been Horticulture Advisory Officer for Westmorland and Cumberland since the setting up of the service in 1946.

Mr. Barker's very successful horticultural career was broken when he served for five years in the 1914-18 war, and during active service in France he was awarded the M.C. Kew followed. In 1923 he gained the N.D.H. Entering the field of agricultural education with the L.C.C. he later became superintendent at Swanley Horticultural College until 1930 when he joined the Ministry of Agriculture. Mr. Barker was an expert on the marketing of fruit and vegetables and has also worked extensively upon potato certification.

All Kewites will wish this N.A.A.S. pioneer many happy years of retirement.

Mr. F. S. Banfield (1927) has returned to this country and has now set up home in Wokingham. He writes—"Despite the fact that I have established homes in widely separate parts of the world, which has meant disposing of much literature at each move, I still have in my possession all the editions of the *Kew Guild Journal* since 1922, and I always look forward to receiving the next edition. Long may it succeed."

A tip for young Kewites—look after those *Journals*; you will treasure them more and more as the years go by.

Mr. A. Hearne (1942) was awarded the M.B.E. in 1958 for services in connection with the setting up and running of the Ministry's Provincial and Regional Organisations in the North. He retired in April, 1958, from the post of Provincial Establishment Officer (P.O.E.D.). Mr. Hearne is doing work for the Civil Service Commission as Provincial Supervisor of Examinations in the north-east. For a number of years he was on interview boards, including those for horticultural posts.

Responding to the A.G.M. notice Mr. H. Eavis (1902) sent his apologies for non-attendance owing to a previous engagement. Using his own words—"I am 84 still going quite well, pottering about in the garden. I wish you all well and a successful annual meeting." In our turn we wish you well Mr. Eavis.

Mr. Eavis recalls that he shared a lodging in Sandcombe Road with the late George Mills, who passed away in 1957 after almost a life-time in the service of horticulture in New Zealand (*Kew Guild Journal*, Vol. VII., No. LXII, 1957).

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#### VISITORS DURING 1960.

One of the many old Kewites visiting the Gardens during 1960 was Mr. E. V. H. Rolls (1948). He is planner and general supervisor to the Nairobi Parks Department, having served in this capacity for the past five years.

Two other Kewites are attached to the Department—Mr. B. L. Perkins (1950) and Mr. F. A. Brown, who left the Arboretum Seed-Room at Kew  $8\frac{1}{2}$  years ago. It is not surprising for those of us who know Mr. Perkins' interests to learn that he is President of the Keyna Orchid Department.

The department requires only a few glasshouses but these and shade houses are used. A new shade house is under construction where it will be possible to display rare plants to better advantage for the public. The treasured Boscawen Collection is housed in shade houses. Col. the Hon. M. T. Boscawen collected plants from all over the world; upon his death they were presented to the Parks Department by his sister, Mrs. Pamela Sherek.

In the nursery known as the Standing Ground, street trees are propagated under hard conditions to prepare them for their final quarters. One area, Kalolen's Location, has tree-lined avenues which were laid out so that each leads towards a mountain which can be seen on a clear day, whether it is Mount Kenya, Kilimanjaro, Donyo Sabuk or the Aberdares.

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A total of 167 members of the Third World Orchid Conference visited Kew on the morning of 28th May. In addition to tours of the Gardens they were shown round the Herbarium and Library, where various exhibits relating to Orchids were displayed in Wing B.

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About 60 members of the Institute of Biology visited the Gardens and the Herbarium on 14th May.

\* \* \*

Nearly 50 members of the 17th Century Guild—The Worshipful Company of Gardeners, accompanied by their Master and Clerk, spent a very wet yet enjoyable afternoon in the Gardens on 19th May. They were also conducted round the Herbarium and Library.

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The gate total for 1960 was 1,082,271, which was 197,000 down on 1959. However this number was slightly up on the average for recent years.

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Professor C. Daskalov, Vice-President of the Bulgarian Academy of Sciences, who attended the tercentenary celebrations of the Royal Society was conducted on a tour of the Gardens on Thursday afternoon, 28th July, by Mr. Stenning. He was accompanied by Mr. Dimitrov of the Bulgarian Legation.

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In connection with the tercentenary celebrations a large part of its distinguished guests, accompanied by some Fellows of the Royal Society, visited Kew on the 26th July.

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Students' Day was held on 7th May, 1960, with approximately 750 visitors attending. This large number was made up mainly of students and members of Natural History Societies. The visitors were conducted in parties round the exhibits which illustrated certain aspects of the work of the establishment. These exhibits were on display in various buildings and in the glasshouse by the Library.

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Their Majesties the King and Queen of Sweden visited the Gardens on the afternoon of 21st July.

## A 17th CENTURY BOTTLE SEAL.

On October 20th, 1959, while examining *Mentha smithiana* in our Editor's garden I happened to notice a glass object lying in the mint bed. Investigation revealed it to be a seal broken off an old wine bottle. Bearing the initials W.P. and a Bishop's Mitre in the centre between the initials it had a pleasing iridescent look through having been buried in the soil for about three centuries.

In her book on bottleseals\* Lady Ruggles-Brise illustrates and describes a similar specimen which she says, is traditionally considered to be that of William Piers, or Pierce, who was Bishop of Peterborough from 1630 to 1632 and Bishop of Bath and Wells from 1632 to 1670. However she goes on to say that it is possible it may refer to a Mitre Tavern—of which there was one in Richmond and quotes Pepys' Diary for July 31st, 1665, in which he writes "that Proctor the vintner of the Miter in Wood-street & his son, are dead this morning there, & was the greatest vintner for some time in London for great entertainments."

Lady Ruggles-Brise then suggests that if Proctor's first initial should prove to be W, she would be inclined to consider the bottle one of his.

However, reference to Kenneth Roger's study on the Mitre Taverns in London\*\* shows that his initial was W. Rogers tell us that William Procter (not Proctor) undoubtedly made *The Mitre* in Wood Street one of the chief taverns of London. From there he issued a token appropriately enough with a mitre on it.

He appears to have taken this tavern on the death of George Chamberlain in 1635, which Roger locates on the south of Shovel Court, and probably with an entrance from that court at Nos. 122 or 123 on the west side of Wood Street. The parish registers of St. Michael's, Wood Street, confirm the entry in Pepys' Diary for under 1665 is:—

"Ma. William Prockter and his sonn Georg. Buried in the Church Both in one grave ye 31st of July."

FOOTNOTE: Bottles are often discovered in the Gardens and one such bottle, dating from the beginning of the century, recently found near the Arboretum Nursery bore the name of the York Mineral Water Company of York Road, Brentford, when it was "under the patronage of H.R.H. The Prince of Wales" (later King Edward VII).

J. L. GILBERT.

\**Sealed Bottles*, by S. M. E. Ruggles-Brise. *Country Life*, 1949.

\*\**The Mermaid* and *"Mitre" Taverns in Old London*, by Kenneth Rogers. The Homeland Association, Ltd., 1928.

SOME MEMORIES OF GARDEN WORK IN  
SWITZERLAND, 1960.

The summer of 1960 will long be remembered by most people for its dismal wetness, bringing in its wake washed out holidays. For me however this was very far from the truth. I have reason to remember that summer very well and can look back on it with feelings of both suffering and pleasure. Let me explain.

From a student acquaintanceship during my two years at Kew (1957-59) developed a series of holidays in Switzerland which I continued after leaving. During the nine weeks summer break from my studies at the Institute of Park Administration I directed my footsteps once more toward the more favourable climate of Switzerland. Suffering financially, as is the case with students, I hitch-hiked my way through Belgium, Germany and Austria, visiting the botanic gardens of Bonn, Stuttgart and München en route, before finally arriving at my destination—Hedingen, a small village some ten miles outside the city of Zürich. I stayed with Walter Dünnenberger (of 1957-59 Kew vintage) and his parents. In response to a request of mine, Walter, through the landscape firm for which he worked, Leugen Fritz & Co. of Zürich, secured me a job with this firm for some five or six weeks of my summer vacation. It was during these few weeks that I learned, for the first time in my working life, the true meaning of the word *work*.

I was employed in the general capacity of labourer and worked most of my time with an outside construction gang. Financially I was much better rewarded than my British counterpart—5/4d. per hour for a 50-hour week. A good day's work for a good day's pay is a motto which could very well be applied to the average Swiss worker, and for once I felt this applied to me equally.

The work involved contouring and shaping the land in the back garden of a wealthy Swiss banker in Zürich. A large blue and gold tiled swimming pool had been constructed in the centre of the garden as the main feature about and around which the naturally sloping site was to be variously treated. This is where I was called upon to exercise my long-dormant muscles to swing a pick-axe, manipulate the fiendish long-handled continental shovel and with it to fill, and I mean fill, a wheelbarrow which I then had to wheel away and empty. There was little respite in this work and under a fierce midsummer sun, much higher in the sky in these latitudes, I perspired (and cursed) freely. A pair of shorts and boots was all I could tolerate to wear, but I was rewarded by a remarkable sun tan which was to be the envy of my friends back in England.

To make a change, from time to time, I was called upon by the foreman to hand mix vast quantities of concrete or manhandle paving stones. I frequently misunderstood the foreman, Swiss-German being notoriously difficult to follow, which invariably caused him to deliver a veritable torrent of Teutonic temper upon my innocent head!

The 15-minute morning tea break, or rather their equivalent of it, at 9 a.m., was eagerly participated in by me. After a 7 a.m. start I was always more than ready for it. Living more than 10 miles outside Zürich meant arising at 5.30 a.m. in order to have breakfast, etc., and allow for a motor scooter journey into the city. By 9 a.m. I was always famished and would have given almost anything for an English cup of tea but this, alas, was something I was to forego until my return to England. Instead of tea flasks, bottles of wine or homemade herbal drinks were the order to the day, and my lunch bag was provided with a litre of Peppermint or Balm (Melissa) "tea" by Frau Dünneberger. This I grew to like immensely and found it very stimulating. I was somewhat shocked at the end of my first day when, hearing the 5 o'clock chime and making ready to depart, the foreman said "Wo gehen Sie schon?"—(Where are you going already?) "Nach Hause, natürlich", I replied (Home, of course) "and what about the 15 minutes you had for break this morning?" he continued. "Well, what about them?" I replied, rather nonplussed by now. "For the 15 minutes break you must work an extra 15 minutes; the break belonged to you, not the firm". he responded. Thus I learned that nothing is free in Switzerland. How very apt the Yorkshire maxim "If tha does owt for nowt, tha does it for thee sen", when applied to these industrious people. My inbred English attitude of abandoning my work promptly when the neighbouring church clock informed us it was dinner time or going home time brought me no uncertain black looks from my Germanic workmates. Finish the job first regardless of time seemed to be an inborn instinct in them. A further surprise to me was to learn that one either works out in the rain during wet weather or abandons the job and loses money accordingly. There were so few wet days, however, that I didn't get caught out with one.

The wonderful evening meal that always awaited Walter and myself at the end of the day was always worth working up an appetite for, but this together with the day's efforts invariably had a drowsing effect, and 9 p.m. always saw us in bed and out to the wide.

During my work the thought that the students at Kew had never had it so good frequently crossed my mind and I wished myself back with them more than once.

Back in England some weeks later I could relax once more and let myself sink back into the luxury that is the tradition and natural inheritance of Englishmen everywhere, tea breaks and

plenty of them! My experience poses several serious problems none the less. Is the Englishman's "laissez faire" attitude going to be his undoing eventually when orders on the world's markets are being sought? Are we losing or have we already lost the ability to enjoy our work as the continentals so obviously do? Vital issues indeed upon which could rest Britain's future.

BRIAN CARTER.

**KEW GUILD JOURNAL 1910—50 YEARS AGO.  
AN IRISH BRANCH.**

It is interesting to observe that a Branch of the Kew Guild has now been formed in Ireland. That our Irish friends mean serious business may be gathered from this resolution, which we are pleased to publish:—

**RESOLUTION.**

*Information required.*—In view of the non-publication of the *Journal* of the Kew Guild since 1908, we the Irish Resident Kewites beg respectfully to enquire what is being done towards the now overdue *Journal*?

Further, we request the minutes of the 1909 and 1910 General Meetings be forwarded to us, together with information with regard to what is being done by the Committee to further the interests of our Guild.

*Statement.*—We think it is unfair to Life Members not being furnished with the *Journal*, and its non-appearance is calculated to weaken the fellowship and diminish very considerably the value of the Guild.

We do not wish to pass hard judgment on the Committee, but urge them to a more serious attitude of their responsibility.

*Demands.*—The publication of the *Journal* annually, not at indefinite periods as now in practice.

The date when to expect the next *Journal*.

An Irish Resident Kewite on the Standing Committee, seeing that Scotland and Wales are represented.

If the present Committee are incapable of the work entrusted to them, we desire the return to office of our late respected Officers, who filled their positions with satisfaction and devoted energy.

*Suggestions.*—We beg to suggest that a new forward policy seems to have retarded our good work, that it be dropped, and the original policy taken up again—namely, Fellowship of Past Kew Men.

(Signed) W. H. PAINE,  
C. F. BALL,  
J. W. BESANT,  
GEORGE ARNOLD,  
C. H. HUMPHRIES,

W. D. BESSANT,  
C. A. LITTLE,  
P. J. GRAY,  
JOHN MURPHY,  
W. F. BRIEN.

October 18th, 1910.



## In Memoriam

*Whereof 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.*

### WILFRED CHARLES IBBETT.

Kewites will be sorry to learn of the death of the above. After a short illness he died on April 7th, 1960, at the Royal Devon and Exeter Hospital. The funeral service was held in Dawlish Parish Church, attending which were many of his N.A.A.S. colleagues and friends.

At the time of his death he held the important position of glasshouse specialist officer, attached to the South Western Province of the National Agricultural Advisory Service.

Mr. Ibbett entered Kew in November, 1925, with some six years practical experience behind him, including three years with Wood & Ingram and one year at Cambridge Botanic Gardens. He left Kew in 1927 after being awarded a Ministry of Agriculture Scholarship to Reading University. During his time at Reading he worked for and passed his National Diploma in Horticulture.

His first appointment was as an instructor under the Wimbledon Education Committee. In 1930 he moved on to the Hampshire County Council as a school garden instructor under Mr. C. J. Gleed. Some three years later he was appointed Horticultural Officer for Oxfordshire. Before taking up this appointment his health broke down and the post was not taken up. After convalescence he was for a while in business on his own but later again took up horticultural education work in Kent. In January, 1939, he returned to Hampshire as a school garden officer at the Southampton University College. On the outbreak of war this post collapsed and he became an assistant horticultural officer under the county W.A.E.C. and was later promoted chief officer.

In 1946, when the N.A.A.S. was set up, Mr. Ibbett was appointed. Progress was rapid, becoming a grade one officer in April, 1949, on taking up specialist work in Wales. He moved subsequently to the South Wales Province.

He was a loyal churchman and has sung in many choirs, including St. Luke's, Kew. He and his wife were experienced bell-ringers, particularly in the Ely diocese.

One of Mr. Ibbett's outstanding achievements was the founding of the Horticultural Correspondence College while he was at Wimbledon. The activities of this college have continued ever since and many hundreds of students have cause to value the help obtained from this source.

Our sympathies are extended to Mrs. Ibbett and her son.

G. C. JOHNSON.

## SAMUEL WALTER McLEOD BRAGGINS.

"Brag" as he was affectionately known to his friends, passed away in London Hospital on the 11th August, 1960.

Born in Banbury on the 7th August, 1882 he was educated there and later in Scotland. He commenced his horticultural career with James Veitch and Sons of Chelsea where he served his apprenticeship, until 1902. Moving to Dobbies at Rothesay in the Isle of Arran, he remained there until 1905. From Dobbies he went to Kew as a Student Gardener in the years 1905-1907, afterwards returning to Veitch of Chelsea as a Landscape Architect. Braggins remained there until 1915 and during this period one of his duties was compiling their catalogues. Like most other men of his time his career was interrupted by the Great War, at the end of which he served with the Imperial War Graves Commission at Vicenza in Northern Italy, from 25th February, 1919, until 20th January, 1921.

Leaving Vicenza, Braggins moved to La Mortola where he was able to exercise his creative art to the full. He was responsible for the exchange of students between the Royal Botanic Gardens, Kew, and La Mortola, and for those of us who benefited by this exchange, this experience was of great value in after life. At this period photography became one of his major passions and he became well known for his work with flowers.

In 1935 he moved from La Mortola to Poggio Ponente at Bordighera, owned by Mr. and Mrs. Moffat Smith, and once again he was in the throes of re-creating. During this period he was made a "Cavaliere of Italy" by the Italian Authorities, in recognition of his services to horticulture in Italy. He was also honoured by the Royal Horticultural Society who elected him an Associate of Honour.

The years 1939-1942 were spent at Roquebrune in Southern France looking after the property of the Moffat Smiths but after many vicissitudes he managed to get out of France into Spain, and thence to Lisbon, returning to England via Northern Ireland. From 1943-1945 he was engaged in war work as an operational foreman in charge of a saw mill under the Ministry.

Braggins lost his wife in 1949 and again he felt the urge for creative work. He accepted the task of re-planning a garden at Enterkine, Girvan, by Largs. He had a very serious illness in 1958 but recovered sufficiently to take on yet another task, at Glenapp Castle, Ballantrae, where he assisted with the re-shaping of a glen garden.

Braggins was an inspiration to all those with whom he came in contact, and the profession has lost yet another colourful personality, and a very great gentleman.

E. J. COWARD.

## LUCY JOSHUA.

We regret to hear of the death of Miss L. Joshua. With her wide practical experience she was a great exponent and teacher of the art of decorative gardening.

She entered Swanley Horticultural College as a Student in 1910 at the age of 34. Her first post was at the Gardening School, La Corbiere, Estavayer le lac, Switzerland. She returned to England during the war and worked at Kew from 1916 to 1919 at which time she gained her N.D.H. After holding two posts in Essex she joined the staff at Swanley and from 1922 to 1926 lectured in Horticulture and managed the flower garden and plant houses.

In 1926 she returned to Hampstead but continued lecturing, chiefly to Women's Institutes and also did much work for the London Gardens Guild. In her later years she was an ardent worker for the Conservative Party.

MISS F. SAHIMMER.

We thank Miss F. Sahimmer, who is an Old Swanley Student and was later a member of the staff of this renowned College. Miss Sahimmer is a lecturer of Wye College in the Department of Biological Science.

(Miss Joshua's account—Women Gardeners at Kew, 1914-18. *Kew Guild Journal*, 1944, p. 393).

## DAVID WATERMAN.

It is very rarely that one has to record the passing of one of the young Apprentice Gardeners who are being trained at Kew, and so one regrets very much the necessity for having to publish an obituary notice concerning David Waterman who died at the early age of 20 years on 10th April, 1960.

He commenced work in the Royal Botanic Gardens, Kew, on the 27th August, 1956. By his devotion to his work, and by his constant cheerfulness throughout the whole of this period of training, he gained the affection of his immediate superiors and also of his fellow workers.

His modesty was such as to make one fail to realise the depth of his knowledge and the great advancement which he was making, and yet there was no question whatsoever that had he been spared, he would have been one of the most successful of the young apprentices who have passed through Kew. He died after a long and severe illness which occasioned him great suffering, but nevertheless he bore this bravely to the end and still had a smile for the visitors from the staff who went to see him.

The funeral was attended by one of the Apprentices, a Student, Foreman Gardener, Assistant Curator, and the Curator himself; evidence that in each sphere of the work at Kew he was missed by all.

W. M. CAMPBELL.

## DR. CHATTERJEE.

We regret to report the death of Dr. Delabrata Chatterjee, the Superintendent of the Indian Botanic Garden, Sibpur, Calcutta. He was shot in his office on September 24th, 1960. His assassin aspired to a post in the Botanical Survey of India, and although he did not possess the necessary qualification he fancied that Dr. Chatterjee was not active enough in furthering his claims. Thus passed one of India's leading botanists at the early age of 50.

Dr. Chatterjee, who was at Kew from 1946-49, was mainly interested in the taxonomy of Indian and Burmese plants. He is survived by his aged parents and by his only daughter. His wife died some years ago.

\* \* \*

## E. M. MARSDEN-JONES, F.L.S., F.R.E.S.

E. M. Marsden-Jones was born at Tilston Rectory, near Malpass, Cheshire, on 8th May, 1887, and died in a nursing home at Bath on 26th August, 1960. He became interested in plant breeding early in life and although handicapped by a spinal injury caused by a bad accident when he was 17, he conducted many experiments on a great variety of plants. In 1923, he established the Potterne Biological Station, near Devizes, in Wiltshire and in collaboration with the writer, concentrated on research on the experimental taxonomy of species of *Silene*, *Centaurea*, *Ranunculus*, *Anthyllis* and *Saxifraga* and with the late Prof. F. E. Weiss, on *Anagallis*. The results were published in numerous papers in the *Journal of Genetics*, the *Kew Bulletin* and other periodicals and in two books issued by the Ray Society: *British Knapweeds* and *The Bladder Campions*. In addition there were at Potterne the Transplant Experiments of the British Ecological Society, which we jointly conducted and the results of which were published in a series of papers in the *Journal of Ecology* from 1930 to 1945. In these experiments 26 ramets of every one of various clones of British species were grown on five distinct types of soil, with a sixth control set at Kew. Thus our studies were aimed at understanding the nature of species, how they are made up genetically and their reactions to various external factors.

Marsden-Jones was a hard and conscientious worker. He was an excellent cultivator though his interest was in individual plants rather than their arrangement in gardens. He frequently worked with the writer at Kew where he was well known to members of the Herbarium staff. In 1928 he was appointed by the Ministry of Agriculture and Fisheries—Honorary Associate (Transplant and Breeding Experiments), Royal Botanic Gardens, Kew. His kindly presence will be greatly missed.

W. B. TURRILL.

## WILLIAM BROWN.

Members will be sorry to learn of the death of Mr. W. Brown—many will remember him as a sub-foreman in the Temperate House from 1924-26.

Brown, who was born in September, 1909, entered Kew as a student gardener in 1924. He had a strong and colourful personality and although this led him into disagreements with Mr. C. P. Raffill, who was then Assistant Curator of the Temperate House, "C.P.R." spoke very highly of his work and capability as a foreman.

In Durban, Natal, he had been employed by Clarewood Turf Club Ltd. for many years. Tragically he died as a result of a falling tree striking him. Tragic, too, that news did not reach us until four years later.

## ERNEST MELVILLE BIGGS.

Sadly we record the death of Mr. E. M. Biggs in May, 1960. Biggs was born at Chapmanslade on the Longleat Estate, Wiltshire, and was the son of the estate tailor. Before entering Kew in 1909 he had gained nine years' practical experience in private gardens, including three years at Longleat. He was promoted to sub-foreman at Kew in 1910.

The years which followed before he left Kew in 1912, as with so many Kewites, made a deep impression which was to remain throughout his life. He was never tired of recalling his "Kew days".

In 1916 Biggs was Head Gardener at Backwell Hill House, West Town, Bristol. In 1920 he left the War Graves Commission to become Manager of Messrs. Seymour Cobley Ltd., Solent Court Farm, Warsash, Hants. There Biggs soon won the reputation as a first class grower of strawberries, tomatoes and flowers. Some of the finest strawberries ever sent from the South Hants area were produced under his management. Just before his death he proudly showed a press cutting to his friends giving the news that he was awarded £5 by a national newspaper for growing the largest strawberry.

His wife died about 20 years ago and this was a great blow to Biggs already stricken with arthritis but although he lost his mobility and agility he never complained and was always cheerful. He was a great personality, a loyal friend and a good sport.

In the words of one of his friends, Mr. E. W. Edwards, "The growing community of Warsash will remember with gratitude his skill, kindness and cheery disposition, and feel we are the poorer by his passing, but he left his mark on this district".

Mr. Biggs retired in 1946 and lived in Warsash with his only daughter to whom we offer our sincere sympathy.

## WILLIAM COUTTS.

Mr. W. Coutts, one of the old school of Kewites passed on in early November, 1960, at the age of 80, and was interred in Torphins Kirkyard on 8th November, 1960.

It was my privilege to make the acquaintance of William Coutts (1903) in the last eight years of his life and the mutual bond of Kew attracted us to each other at the outset. Coutts was a fine old gentleman in the tradition of Scottish gardeners, whose influence must have been felt wherever he was employed, because he was that kind of man.

Coutts left Kew in 1903 to take up a position in the gardens at Bienheim Palace, Woodstock. He gained further experience at the nurseries of Messrs. Bees Ltd., Liverpool, and at Ness Gardens in Cheshire. There followed the long period of service as Head Gardener to Sir Thomas Innes at Learney Gardens, Torphin, from 1907 until his retirement in 1949.

The last years of his life were spent in Eventide Homes at Dunoon and in Aberdeen. Whilst resident in the latter Coutts was a tower of strength in organising and supervising the extensive gardens of that Church House. At a recent meeting of the Torphin Horticultural Society, tribute was paid to William Coutts as the first Secretary of that Society in 1909.

We offer our sympathies to his daughter, Mrs. M. W. Bittet.  
J. ROBBIE.

## DR. PAUL HAAS.

Paul Haas, Ph.D., D.Sc., very well known to an earlier generation of Kew students as a lecturer in Physics and Chemistry, died at Cheam, on April 6th, 1960, aged 83. Dr. Haas was a Fellow of and a former reader on plant chemistry, at University College, London. He was also lecturer on chemistry at St. Mary's Hospital Medical School, and St. Thomas' Hospital Medical School.

The fact that he was held in great affection by the Students at Kew may be gathered from the following quotation from our 1928 *Journal of the Kew Guild*—Vol. IV. No. XXXV :—

“Then, secondly, comes Dr. Haas, of rather portly frame,  
Both past and present Kewites will e'er recall his name,  
For he tells of the affinity of alcohol for water,  
Which some students know is very true, or if they  
don't they oughter.”

At chemistry and Physics, I've thought, “By all the fates  
He'll poison half of Kew e'er long, with the smells that  
he creates”.

One has passed who contributed towards the greatness of Kew, and to the sound reputation of Kewites.

### ARTHUR BLACKBURN.

We regret to record the sudden death of Mr. A. Blackburn, on 28th March, 1960. Many details of Blackburn's career will be found in the *Kew Guild Journal* for 1945—Vol. VI, No. LII, for he was President of the Guild for the period 1945-46. Mr. Blackburn entered Kew as a Student gardener in 1906 at the age of 23 with over eight years of sound practical experience gained in private gardens. He returned to work in similar establishments after leaving Kew, but the greater scope offered by Municipal service led to his entry into Swansea Parks Department under Daniel Bliss, V.M.H., an old Kewite.

The vast expansion which took place in Swansea in the years which followed enriched Blackburn's experience beyond measure. His appointment as Superintendent to Blackpool Parks Department followed in 1918 and he was to hold this post until 1947. During those 29 years his fame grew with that of his department. His many honours in the Horticultural world have stamped him among the great. Included amongst them are: President and Secretary of the Institute of Park Administration, Associate of Honour of the Royal Horticultural Society and membership of the Floral Committee. He was a very popular figure in the Public Parks world and also at the Royal Horticultural Society meetings.

Above all he was kind, courteous and encouraging to subordinates. Our sympathy goes out to his wife and daughter with the sure knowledge that the standard set by Arthur Blackburn will remain an inspiration to those who are entrusted with the traditions of this profession.

### THOMAS SYDNEY WELLS.

With sad hearts we record the death of Thomas Sydney Wells at his home in Derby on 13th October, 1960, at the age of 64—two months before he was due to retire on 26th December.

Wells commenced his career under his father, who was Parks Superintendent of Barnsley. He came to Kew as a student in May, 1923, and left almost two years later for the Leeds Corporation Parks Department. In 1929 he was selected out of 81 candidates for the post of Parks Superintendent of Derby.

In this post Mr. Wells saw the growth of Darley Abbey and Markeaton Parks, but his crowning success was at the Arboretum which became renowned and was frequently visited by experts and heads of other departments. Many, too, will remember the floral display in the streets of Derby, arranged by Mr. Wells, when the Queen and Duke of Edinburgh visited the city in 1957.

In 1953 he was awarded an Associate of Honour of the Royal Horticultural Society. As a founder member of the Institute of Park Administration he was a past Vice-President of this Institute, also a past Chairman of the Derbyshire Horticultural Society. He was also a member of the R.H.S. Panel of Examiners.

Thomas Wells was a kind and friendly man—ever ready to do a good turn. He encouraged the young men in the profession and many owe their positions to his advice and interest. Also within these pages members would wish to record that Mr. Wells was a great and keen Kewite. His help with the Address List and with other small day-to-day matters showed the deep underlying and spirited interest which causes our Guild to prosper.

We extend our sympathies to Mrs. Nancy Wells (widow), to Mr. T. J. Wells (son) and to Miss M. E. Wells (daughter).

#### JOHN HERBERT STEWART.

We regret to record the death of Mr. J. H. Stewart on 3rd June after a long illness. Stewart will be most widely remembered as a Horticultural Advisory Officer for County Down North.

He entered Kew on the 23rd April, 1928, and started in the Palm House. At that time the sub-foreman was Mr. Stedman. Our Curator, Mr. L. Stenning, was sub-foreman in Ferneries while Mr. T. W. Taylor was Assistant Curator of the Tropical Department. George Farley had charge of the Succulent House. Later Stewart was transferred to the Decorative Department, with Mr. J. Coutts as Assistant Curator and G. Hopkins as the sub-foreman. Mr. B. Moran was at that time also in the Decorative Department. When Stewart was transferred to the Arboretum Nursery, Mr. F. Knight, the Director of the R.H.S. Gardens, Wisley, was sub-foreman followed by Mr. C. Coates. Mr. L. Slinger and The Hon. Sir David Bowes Lyon were also attached to the department at this time.

Stewart left Kew to manage a fruit farm and market garden near Bath. Afterwards he accepted a teaching appointment at Greenmant Agricultural and Horticultural College, Muckamore. Four years later he was appointed as Horticultural Instructor in County Down North. This was followed by his entry into the Advisory Service.

Stewart gave his advice freely and the services which he so tirelessly rendered were greatly appreciated and valued. So were his frequent broadcasts, they were sound and entertaining.

One of the older school has passed—one who really loved Kew and was so proud to be a Kewite.

We extend our heartfelt sympathy to his sister, Mrs. Anna Douglas—she took care of him for the last three years of his life.

#### JACK LANCASTER.

Many post-war Kewites will be shocked to learn of the death of Jack Lancaster at the early age of 38, after only a brief illness.

Jack came to Kew from Blackpool Parks Department shortly after the war, and during his stay worked in the T. Range and Orchid Houses, where he showed marked ability as a grower.



He was popular with all who knew him, having a most cheerful and friendly disposition, and his many friends will be pleased to know that, when I met him in later years, these happy qualities were in no way subdued.

Upon leaving Kew, he took up a position as propagator in the Lytham St. Annes Parks Department and later was promoted to Head Gardener. In 1956 he was appointed Parks Superintendent at Ilfracombe and it was with great enthusiasm and pleasure that he commenced his work of developing this department. In particular, he was keen to take full advantage of the horticultural opportunities presented by the favourable Devonshire climate, introducing and growing to perfection a wide variety of the less hardy and sub-tropical plants.

His own large garden occupied much of his spare time, but he was also a keen golfer. His chief interest, however, was his family, to whom he was devoted, and it is to his wife and three young children that we extend our heartfelt sympathy in their great loss.

J. CLARK.

#### WILLIAM LAMBERTON.

We regret to report the death of Mr. W. Lamberton. He was born in 1891, the son of an Ayrshire farmer and thus from his early years he developed a deep understanding of the land and of the needs of garden plants and horticultural crops.

Upon leaving school Mr. Lamberton worked in large private gardens in Scotland before entering the West of Scotland Agricultural and Glasgow Botanic Gardens as a student. This was followed by service with the Royal Artillery during the 1914-18 war. Returning to the Glasgow Botanic Gardens for a time, Mr. Lamberton entered Kew as a student in 1922. Leaving Kew four years later he joined the staff of the John Innes Horticultural Institute as a lecturer and was later promoted to Superintendent. His next move was to Wye College, again as a lecturer, but when the Second World War broke out he was seconded to the Kent County Council to assist with food production. In 1941 the Worcestershire War Agricultural Committee appointed him as the horticultural officer. In addition, throughout the war he served in the Observer Corps.

Mr. Lamberton joined the National Agricultural Advisory Service in 1946 and served in the North and West of the Country until retirement in 1956. In addition to his own holding where he lived for the past 19 years he served on the Hallow Church and Parish Councils and other local committees. He also voluntarily managed 30 acres of land for Dr. Barnardo's Home at Hallow.

Mr. Lamberton was the staunch, loyal and reliable friend of many and we offer our sincere sympathies to his near relatives—his wife, and a married son and daughter.

## KEW STAFF LIST

(as on January 2nd, 1961)

\* Life Member of The Guild. † Past President of The Guild.

‡ Formerly a Student Gardener.

	<i>Entered</i> <i>K2w</i>
DIRECTOR'S OFFICE	
Director .....	G. Taylor, D.Sc., F.R.S.E., F.L.S., V.M.H. 1956
Deputy Director, Keeper of Herbarium (D.C.S.O.) .....	‡‡C. E. Hubbard, D.Sc., O.B.E., F.L.S. 1920
Secretary (Senior Executive Officer)...	R. W. King, D.F.C. 1959
Higher Executive Officer.....	B. E. Haines..... 1960
Executive Officer .....	R. Fender..... 1958
" .....	S. J. Williamson..... 1959
Clerical Officer/Secretary .....	Mrs. A. M. E. Kendall..... 1947
Clerical Officer .....	G. F. Lamb..... 1951
" .....	G. D. Gibbs..... 1958
" .....	G. Calcutt..... 1959
" .....	R. K. Powell..... 1960
" .....	E. R. Wright..... 1960
" .....	Mrs. S. M. Shury..... 1960
" .....	A. Longman..... 1960
" .....	Miss I. C. McFarlane..... 1959
Clerical Assistant .....	Miss C. M. Newall..... 1952
" .....	Miss F. V. Surplice..... 1954
Shorthand Typist .....	Miss L. S. Burton..... 1960
Typist .....	Miss M. Sillitoe..... 1947
Telephone Operator.....	Miss J. Lane..... 1957
HERBARIUM AND LIBRARY	
Deputy Keeper (S.P.S.O.) .....	E. W. B. H. Milne-Redhead, T.D., M.A., F.L.S. 1929
Principal Scientific Officer.....	V. S. Summerhayes, O.B.E., B.Sc. 1924
" .....	F. Ballard, B.Sc. 1929
" .....	N. Y. Sandwith, M.A., F.L.S., F.R.G.S. 1924
" .....	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
" .....	R. D. Meikle, B.A., LL.B., F.L.S. 1947
Senior Scientific Officer .....	W. D. Clayton, B.Sc., A.R.C.S., F.L.S. 1958
" .....	S. G. Harrison, B.Sc. 1949
" .....	D. A. Reid, B.Sc. 1951
" .....	R. N. Hepper, B.Sc., F.L.S. 1950
" .....	L. L. Forman, B.Sc., F.L.S. 1951
" .....	G. P. DeWolf, B.Sc., Ph.D. (Colo- nial Office) 1958
" .....	N. K. B. Robson, B.Sc., Ph.D., F.L.S. (Colonial Office) 1956
" .....	H. H. Heine, Dr.med., Dr.rer.nat., F.L.S. (Colonial Office) 1958
" .....	Miss B. J. Youngman, B.Sc. 1950

Scientific Officer .....	P. F. Hunt, M.Sc., F.L.S.....	1959
" " .....	Miss F. M. Jarrett, M.A., Ph.D....	1959
" " .....	E. R. Guest, B.Sc., A.R.C.S., A.I.C.T.A. (Iraqi Govt.).....	1959
" " .....	C. Jeffery, B.A. ....	1957
" " .....	Miss S. Carter, M.Sc., F.L.S. (Colo- nial Office) .....	1957
Senior Experimental Officer .....	R. A. Blakelock, B.Sc., F.L.S.....	1937
Experimental Officer.....	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., F.L.S....	1952
" " .....	Miss M. I. Skan (Index Kewensis)	1919
" " .....	D. Philcox, F.L.S.....	1959
" " .....	C. C. Townsend.....	1959
Assistant Experimental Officer.....	M. J. S. Sands.....	1959
" " " .....	M. Evans .....	1959
" " " .....	D. V. Field, B.Sc. ....	1960
" " " .....	D. N. Pegler, B.Sc.....	1960
" " " .....	Miss J. K. Bowden.....	1949
Senior Assistant (Scientific).....	Miss J. Forster.....	1947
Assistant (Scientific).....	Miss I. Blewett.....	1941
" " .....	Mrs. A. D. Scats .....	1953
" " .....	Miss I. L. M. Fletcher, A.L.S.....	1952
" " .....	J. L. Gilbert.....	1956
" " .....	Miss P. Halliday.....	1947
" " .....	Miss J. E. Hawkins (Index Kew- ensis) .....	1956
" " .....	Miss J. McEwan.....	1956
" " .....	Mrs. P. Z. Kennedy-O'Byrne (Colonial Office) .....	1955
" " .....	Miss A. C. Uchlein.....	1955
" " .....	Miss D. Moscoff (Colonial Office)	1957
" " .....	Miss D. B. Cousins (Colonial Office)	1957
" " .....	Miss V. Mann.....	1958
" " .....	Miss T. A. Bence.....	1958
" " .....	Miss D. E. M. Oliver.....	1959
" " .....	Miss S. K. Walton.....	1959
" " .....	Miss F. L. Mills.....	1960
" " .....	Mrs. L. M. E. Taylor.....	1960
Senior Photographer.....	R. R. Zabeau.....	1956
Illustrator .....	Miss M. A. Grierson.....	1960
Artist .....	*Miss Stella Ross-Craig, F.L.S. (Ben- tham-Moxon) .....	1929
Librarian .....	H. S. Marshall, F.L.S.....	1932
Assistant Librarian .....	R. Davidge, B.A., A.L.A.....	1958
" " .....	K. J. Churches, A.L.A.....	1954
Library—Clerical Officer.....	Miss M. Kierans.....	1934
" " " .....	Miss K. M. Harvey.....	1958
" " " .....	Miss H. M. White.....	1959
" —Clerical Assistant.....	Mrs. E. McKinnell.....	1960
Botanist (Bentham-Moxon).....	H. K. Airy-Shaw, B.A.....	1958
Assistant (Scientific).....	Miss J. Packham.....	1960
" " .....	M. McCallum-Webster .....	1959

Senior Preparer.....	Mrs. H. Wootton.....	1949
Preparer .....	Miss D. J. Bowman.....	1953
" .....	Mrs. H. Dzilna.....	1954
" .....	Miss I. E. Farrow.....	1948
" .....	Mrs. L. Glenister.....	1956
" .....	Mrs. D. J. Mitchell.....	1954
" .....	Mrs. M. W. Glover.....	1960
" .....	Miss Q. V. Skan.....	1959
" .....	Miss I. L. Taylor.....	1959
" .....	Mrs. V. E. Baker.....	1959
Clerical Officer .....	R. G. Barnes .....	1959
" .....	Mrs. L. A. Kell.....	1948
" .....	Miss G. M. Pring.....	1954
Clerical Assistant .....	K. R. Wilson .....	1960
Shorthand Typist .....	Miss J. Chennell.....	1960
" .....	Mrs. H. M. Skews (Colonial Office)	1953
" .....	Mrs. M. Brind.....	1955
" .....	Mrs. B. F. Saunders.....	1952
" .....	Miss W. E. Long (Colonial Office)	1959
" .....	Miss V. A. Cole.....	1960
Duplicator Operator.....	Miss P. A. Godfrey.....	1960
Gardener Grade I.....	W. A. Mullins.....	1942

## JODRELL LABORATORY

Keeper (Principal Scientific Officer)...	C. R. Metcalfe, M.A., Ph.D., F.L.S.	1930
Principal Scientific Officer.....	K. Jones, B.Sc., Ph.D.....	1960
Scientific Officer .....	Miss M. Y. Stant, B.Sc., Ph.D....	1950
Experimental Officer.....	F. Richardson.....	1934
Assistant (Scientific).....	Miss D. M. Catling.....	1950
" .....	Miss C. A. C. Gabriel.....	1961

## DEPARTMENT OF ECONOMIC BOTANY

Keeper (Principal Scientific Officer)...	F. N. Howes, D.Sc.....	1925
Principal Scientific Officer (Quarantine Work).....	T. A. Russell, B.Sc., A.R.C.S. A.I.C.T.A., Dip. Agric.....	1954
Experimental Officer (Guide Lecturer)	Miss R. C. R. Angel, B.Sc.....	1959
Assistant (Scientific).....	Mrs. B. Christopher, N.D.D.....	1960
Museum Craftsman .....	A. J. Parkes.....	1960
Exhibition Officer.....	A. L. Jewell.....	1960
Typist .....	Miss V. Horwill.....	1951

## GARDENS

Curator .....	*†L. Stenning, M.B.E., A.H.R.H.S....	1925
Assistant Curator.....	†S. A. Pearce, A.H.R.H.S., F.Inst. P.A. (Arboretum North).....	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, B.E.M. (Palm House) .....	1940
" .....	H. J. Jackman (Decorative).....	1949
" .....	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

Entered  
Kew

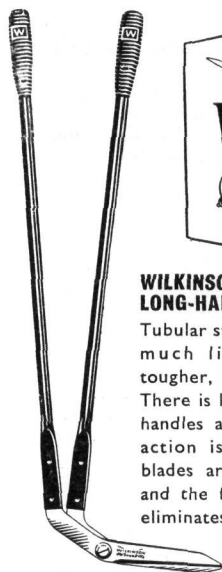
Foreman Gardener .....	†A. G. Cook (Herbaceous and Rock Garden).....	1948
" " .....	R. J. Chuter (Propagator).....	1953
" " .....	†N. Hickman (Tropical Pits).....	1955
" " .....	†R. I. Beyer (Alpine and Herbaceous)	1959
" " .....	F. J. Sadler (Arboretum N.).....	1951
Shorthand Typist .....	Miss A. G. Barton.....	1953
Storekeeper .....	C. R. Claxton.....	1960
Birdkeeper and Bellringer.....	J. H. Claiden .....	1919
Seed Collector .....	J. Paske.....	1929
" " .....	J. Mateer .....	1952
" Gardener " Grade I.....	C. W. Preston.....	1922
" " .....	F. L. Burnell.....	1946
" " .....	J. P. Byrne .....	1952
" " .....	H. Hockley .....	1942
" " .....	F. H. Jackman.....	1940
" " .....	E. W. Macdonald .....	1950
" " .....	E. Skyrme.....	1947
" " .....	J. Slater.....	1945
" " .....	A. D. Stevens .....	1956
" " .....	†R. Rule.....	1956
" " .....	J. Pruuden .....	1956
" " .....	C. W. Bowditch.....	1958
" " .....	D. J. W. Bernard.....	1960
" " .....	A. T. Oakley.....	1958
" " .....	D. E. Watling.....	1960
" " .....	P. M. Lambie.....	1961
CONSTABULARY		
Sergeant in Charge.....	W. Leaver.....	1935

## STUDENT GARDENERS.

Name	Entered Kew	Name	Entered Kew
Aldous, J.....	Aug., 1960	Hill, B. A.....	Oct., 1959
Allen, J.....	Oct., 1959	Holmes, D. H.....	Oct., 1960
Anwyl, R. B.....	April, 1960	Humphrey, B. E.....	April, 1959
Banbury, J. N.....	Sept., 1958	Jayman, J. N.....	Oct., 1958
Baren, M. E.....	April, 1960	Linnegar, S.....	Sept., 1957
Barnett, R. C. A.....	Oct., 1960	Low, J. J. D.....	April, 1959
Bridgman, P. T.....	April, 1960	Lowe, B. E.....	April, 1959
Briscoe, G. E. D.....	April, 1959	Matthews, T.....	June, 1960
Caton, Miss R. A.....	April, 1959	Martin, B. A.....	April, 1959
Cook, G. A.....	April, 1960	Rainey, J. McL.....	Nov., 1959
Dodds, B.....	Feb., 1959	Preston, W. T.....	Oct., 1959
Dyke, D. J.....	Oct., 1959	Rover, Miss H. J.....	Oct., 1959
Evans, D. T.....	Oct., 1960	Sayers, C. D.....	Oct., 1960
Foote, L. A.....	April, 1959	Schilling, A. D.....	Oct., 1959
Gabe, J. M.....	Oct., 1960	Simmons, J. B.....	Oct., 1958
Gannev, G. W.....	Oct., 1959	Taber, D. W.....	Oct., 1960
Gibbons, L.....	April, 1959	Taylor, Miss J. L.....	Nov., 1958
Giles, C. J.....	Oct., 1960	Van der Breggen, J. P.....	April, 1959
Gunn, W. A. G.....	Oct., 1959	Warrington, J. F.....	April, 1960
Harrison, R. T.....	Oct., 1960	Whitehill, J. A. E.....	Oct., 1960

## IMPROVERS AND BOYS.

R. K. Edwards, W. Q. Emm, F. Ferbraiche, A. E. Horrocks, R. P. Jenkins, D. A. V. Morgan, G. Mullinger, P. V. Nodiroli, J. F. Norris, H. L. Nunn, P. J. Saul, S. C. Scarr, J. M. Thompson, M. Weston, J. R. Woodhams.



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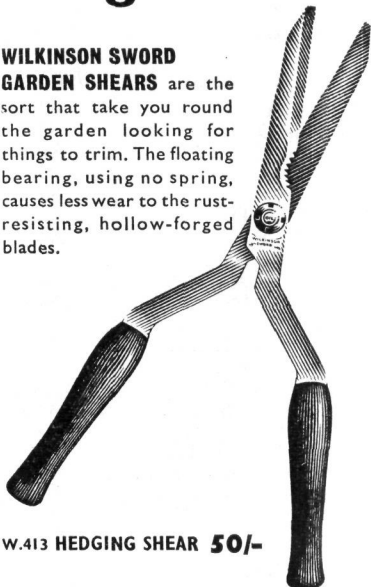


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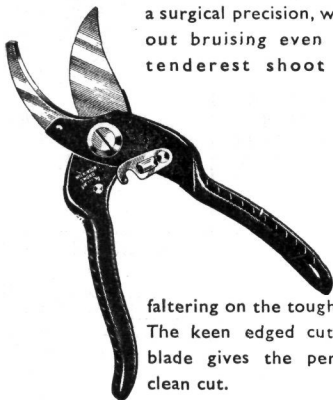
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## ADDRESS LIST OF OLD KEWITES

*(The Names of Past Presidents are preceded by a dagger, Life Members 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.  
 1959. Adams, R., The Grotto, Lower Basildon, Nr. Reading.  
 1938. \*Addison, G. H., Meadowcroft, Hanley Down, Nr. Battle, Sussex.  
 1957. Addison, P., 14 Tauton Road, Wallasey, Cheshire.  
 1960. Adsheed, P., 134 Cherry Tree Lane, Great Moor, Stockport, Cheshire.  
 1926. Agate, C. J., 7 Beach Road, Great Neck, Long Island, N.Y., U.S.A.  
 1949. Ainslie, E., Head Gardener, Southend Parks Dept., Southend.  
 1939. \*Airey, J. E., Westmoor Gardens, Mansel Lacy, Hereford.  
 1945. \*Albert, Mrs. H. (Miss H. J. Stent), 65 Summet 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., D. 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).  
 1957. Amoah, G. K. A., Div. of Agric., Hort. Branch, P.O. Box 1974, Kumasi, Ghana.  
 1926. \*Anderson, A. W. C., N.D.H.(N.Z.), 4 Church Street, West Timaru.  
 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., Studley College, Warwickshire.  
 1960. Atkinson, G., Kew Cottage, Calstock Road, Gunnerslake, S.E. Cornwall.  
 1954. Attenburrow, D. C., c/o D. of Agriculture, P.O. Box 338, Nairobi, Kenya.  
 1950. Attwood, C. A., "Bel Air," Ulgham, Morpeth, Northumberland.  
 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.  
 1920. \*Baker, A. F., 15 Beresford Road, Kingston-on-Thames, Surrey.  
 1920. \*Baker, E., The Myrth, Bucknells Lane, Yarston, Herts.  
 1947. Baker, M. E., 18 Jealotts Hill, 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., 35 Luckley Road, Wokingham, Berkshire.  
 1928. Barham, V. G., "Ivermark," Arnolds Lane, Sutton-at-Hone, Dartford, Kent.  
 1958. Barker, L. P., 120 Victoria Road, Fulwood, Preston.  
 1923. \*Barker, W. H., N.D.H., M.C., The Thatched Cottage, Rodney Stoke, Nr. Cheddar, Somerset.  
 1960. Barnes, H. P., The Grotto, Lower Basildon, Nr. Reading, Berks.  
 1914. \*Barnett, M. J., N.D.H.(N.Z.), A.H.R.I.H.(N.Z.), 46 Selwyn Street, Somerfield, Christchurch, N.Z.  
 1927. \*Bassett, W. E., M.B.E., 6 Ravenswood Road, Croydon, Surrey.



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1960. MacDowell, C. I., 4 Ashley Grove, Loughton, Essex.  
 1910. \*Maitland, T. D., M.B.E., A.H.R.H.S., 35 Queens Road, Kingston Hill, Surrey.  
 1958. Marshall, W. S., 60 Windward Road, Rochester, Kent.  
 1957. Messenger, G. W., 11 Mere Close, Great Barton, Bury St. Edmunds, Suffolk.  
 1958. Nott, P. A., Longwood Gardens, Kennet Square, Pennsylvania, U.S.A.  
 1948. Roddick, P. W., Playing Fields Supt., Derbyshire Education Committee, Matlock, Derbyshire.  
 1958. Rooke, I. G., 52 Ainsliewood Gardens, Chingford, London, E.4.  
 1951. Savage, B. R., 41 Peashill Close, Sileby, Leics.  
 1961. Taylor, Miss J. L., 17 Lushington Road, Eastbourne, Sussex.  
 1953. Tebby, P. A. C., D.S., c/o Parks Supt. Office, Mun. Offices, Chelmsford, Essex.  
 1959. Tomlinson, D., Arboriculturist, c/o Middlesex County Council.  
 1955. Tregear, J. P., 24 Mornington Crescent, London, N.W.1.  
 1961. Van der Breggen, J.P., Queens Park Hotel, Port of Spain, Trinidad.  
 1907. \*Veal, T. J., "Lillihurst", 7 Charles Street, Exmouth, Devon.

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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, the immediate Past-President, the President-Elect, Honorary Secretary, Honorary Treasurer and Honorary Editor. The ordinary committee members shall consist of four present Kewites, twelve old Kewites, two Student Gardeners.
- b. The President, the President-Elect, 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 the Committee shall be elected by the Committee to take the Chair in the absence of the President, the immediate Past-President, the President-Elect and Vice-President.
- 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.

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