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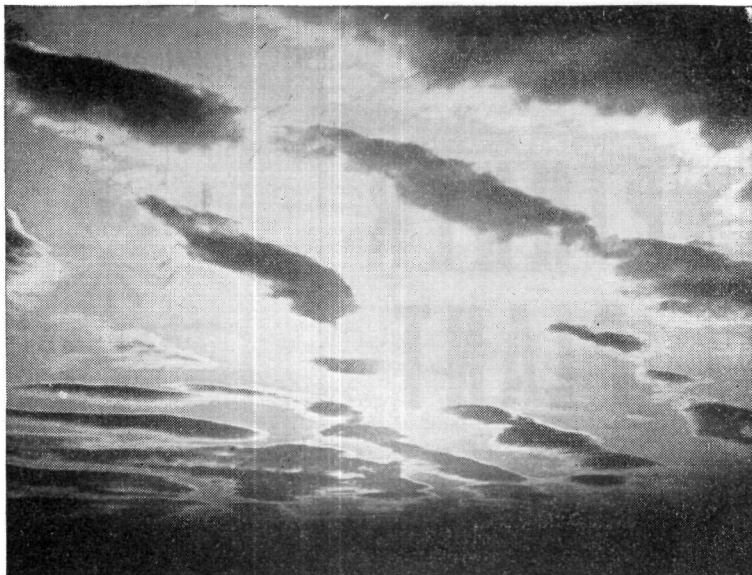
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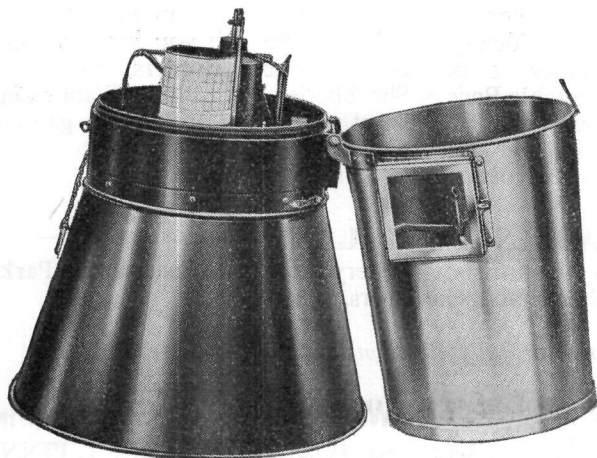
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THE
JOURNAL
OF THE
KEW GUILD

FOUNDED—1892

AN ASSOCIATION OF
MEMBERS OF THE KEW STAFF
PAST AND PRESENT

1962

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EDITORIAL

Fagin, one of Dickens's characters in the musical show "Oliver", sings that very humorous and witty song "Reviewing the Situation" at a difficult period when he is examining the pros and cons of going straight. You may not think this very apt for the commencement of an editorial. Rightly you point out that Fagin was not a Kewite and that Kewites are not, nor ever have been, Fagins. It is not this rather despicable character but his song which is important to us as Guild members. Occasionally we need to "review the situation" so far as the Guild is concerned.

The strength of the Guild is to a large extent reflected in the *Journal*. The various articles and reading matter should be representative of the thoughts and wishes of the membership. That this is so can only be judged if the membership is sufficiently active and interested to register reactions at meetings or by post. Have we in fact any indication that we are meeting the requirements of members? We have plenty. The number of paying members is good (although not good enough); remarks and comments upon the Committee's work are helpful and encouraging; attendance at annual dinners and meetings has improved, while there has been an increase in the number of articles and material submitted to the *Journal*. The over-riding indication of strong support for the Guild has been the magnificent response to the appeal for funds for the Grant of Arms and Badge (an appeal which is still open).

It is in this spirit that we present this *Journal*. It contains coloured reproductions of the certified drawings of the Armorial Bearings and Badge, supplied by the College of Arms, news of Kew, of Kewites at home and abroad and details of our efforts for the Guild to be recognised as a charity. We leave you to read and review progress to date.

Finally no editorial for a *Kew Guild Journal* covering this last year would be complete without mentioning that Mr. Stenning, our previous Treasurer, has now recovered from his long illness and is back at work.

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F. G. HARCOURT.

President, 1962/63.

Mr. Harcourt, born on 23rd March, 1889, at Sunning Hill, Berks., was educated at King Edward VI Royal Grammar School, Guildford, Surrey. Our President's studies for a career first took him to agriculture on his parents' farm, but his interests later extended to horticulture and botany. Thus, after gaining experience in private gardens, he entered Kew in February, 1913, and worked under the late C. P. Raffill in the Tropical and Temperate Departments; promotion to foreman was made in June, 1914. Our President took a keen interest in the lectures and also in cricket.

The 1914-18 war interrupted this period at the Gardens, and he joined the wave of Kewites who left for H.M. Forces. This led to service in Salonica and Palestine with the 60th London Division and to his being wounded in the Jordan Valley, and finally to a transfer to the Royal Flying Corps. The wait for demobilisation was made at Tangmere Aerodrome, where the President gave lectures to the personnel of this and other adjoining stations before returning home in May, 1919, to resume duty as Sub-foreman in the Temperate House.

Our President left Kew in August, 1920, when he accepted an offer of the post of Agricultural Superintendent, Antigua, British West Indies. He succeeded another Kewite, Mr. Jackson. The problem facing the department was the need for greater diversification of industries in an island where the chief crop grown was sugar cane. A good measure of success was achieved through promoting and extending the growing of cotton, maize and onions, in addition to the organisation of co-operative marketing.

In 1924 Mr. Harcourt was appointed Commissioner in charge of the exhibits by the Colony at the British Empire Exhibition at Wembley. During this year also, our President was offered and accepted promotion to the post of Curator and Agricultural Superintendent of Dominica. Thus he followed in the steps of that grand old Kewite, the late Joseph Jones, O.B.E.,* whose life's work was spent in establishing the Botanic Garden which has so frequently been acclaimed as being the finest of its size in the world.** Also facing the department was the need to build up new industries to replace the lime plantations which had become derelict through the ravages of a fungus disease known as "withertip" (*Gloesporium limetticolum*). In addition to the free distribution to planters and peasants of thousands of economic plants which were raised by the department, the co-operative marketing of produce was organised on an extensive scale. To this end the department was strengthened by the appointment of two Kewites, Mr. F. L. Squibbs (1924) and Mr. W. E. Bassett (1927). With great modesty our President recently wrote that "the success of this small venture

was in no small measure due to the efforts of these two gentlemen", but we are certain that all three Kewites worked as an efficient team.

Our President had a great interest in the botanical features of the island of Dominica. He is, for example, able to relate how he accompanied Dr. Karel Domin of Charles University, Prague, on a Botanical Survey of Dominica. Reference in this connection should be made to the work by Domin—*The Pteridophyta of the Island of Dominica*; it is recorded that among the many new plants which were found was a fern which was subsequently named and described as *Dryopteris harcourtii* after our President. He was later unanimously elected as a corresponding member by the Committee of the Czecho-Slovakian Botanica Society.

In common with the experiences of many Old Kewites who served in distant parts, Mr. Harcourt was often called upon to give judgment upon matters completely unrelated to horticulture. Thus he served as a member of the Executive and Legislative Councils of Dominica and was frequently called upon to administer the Government in addition to being seconded for similar duties in Montserrat.

At the outbreak of the last war the President was appointed Assistant Administrator in Antigua for the purpose of handling matters in connection with the acquisition of land by the United States of America for its use as an air-base. His experience, tact and wisdom were great assets in the negotiations with owners and the U.S.A. authorities over valued land and crops—a really tough assignment! A later appointment was that of Administrator of Antigua, a post which he held for the greater part of the war. Our President's last task in this role, before retiring in 1946, was the settling of a general strike. The Farewell Address to our President, then "His Honour F. G. Harcourt Esq., O.B.E.", Administrator of Antigua, at a Meeting of the Antigua Legislative Council on 7th December, 1945, spoke in sincere and glowing terms of the 25 years of service to the islands of the Colony and in particular of his skill as presiding officer of the Council. Mr. Harcourt was awarded the M.B.E. in Dominica for his services to Agriculture, but was later promoted to O.B.E. in Antigua for his great administrative services. He was also awarded the King George V Jubilee and King George VI Coronation medals.

With many well wishers from all walks of life in the West Indies Mr. and Mrs. Harcourt returned to England to live in happy retirement in Guildford, Surrey. Since then we have greatly valued Mr. Harcourt's services as a Committee Member and are now honoured to have him as President 1962/63.

* K.G.J., Vol. IV, No. XXVIII, page 3.

** K.G.J., Vol. IV, No. XXXVII, page 787.

DR. E. K. THOMAS.

Vice-President, 1962/64.

Dr. Thomas, our Vice-President, was born in Caersws, Montgomeryshire, where his father owned a country inn and engaged in general farming, fruit, vegetable and flower growing. Thus one of his earliest horticultural experiences was that of carrying water in a watering can from a hand-pump to water young lettuce and brassicas which had just been transplanted. Under his father's care he gained a general knowledge of practical horticulture, working mostly after school hours.

Upon the completion of a public school education in 1900, young Thomas was apprenticed for five years at Leighton Hall, Welshpool, under the head-gardener, Mr. W. Rothwell. Here he received a thorough grounding in the various horticultural departments and in the management of forest lands. During this period much time was spent at the nearby Powys.

Thomas entered Kew as a student in 1905 and worked in the palm house, the decorative department and the tropical pits. It was at Kew in 1907 that he met Dr. John H. Macfarlane, head of the Botanical Department at the University of Pennsylvania, Philadelphia, U.S.A., and was invited to take a position there in charge of the Botanical Garden and to do some teaching work. This was followed in 1909 by the post of Instructor in Horticulture and State Leader in general extension work at the University of Rhode Island at Kingston, R.I., U.S.A. Later, in 1914, he was employed jointly by the United States Department of Agriculture and the University to continue this type of work. Dr. Thomas became manager of a new department in the R. I. Hospital Trust Co., one of the larger banks in New England in 1921. This bank acts as trustee for many clients whose estates include farms, gardens, forests, park lands and recreational facilities such as tennis courts, bridle paths, etc. In 1929 our Vice-President became Superintendent of Parks and Secretary of the Park Commissioners in Providence, R. I., U.S.A. Here he developed many outstanding features such as arboretums, rose gardens, perennial borders and special areas to feature such plants as lilies, paeonies, dahlias and gladioli. He also built a golf course and maintained other recreational facilities such as tennis courts, bowling green and bridle paths, etc. The department was organised in ten sections with a foreman in charge of each. The appointment of Administrator of the State Forests and Parks in Rhode Island followed in 1937. In addition to the usual park facilities, there were extensive forests, bathing beaches and picnic grounds to be developed and maintained. His present post, that of Executive Secretary of the Rhode Island Horticultural Society, was taken up in 1941, when he also became a member of the R. I. State Planning Board for four years.

In addition to being secretary of the Horticultural Society, he is engaged in many miscellaneous activities such as writing for the *Providence Sunday Journal* and magazines, teaching courses in

horticulture at Brown University, lecturing before organized groups and conducting a course in horticultural therapy at a large mental hospital. The latter, he states, is a new field where horticulturists may render a valuable service. For several years he has conducted garden tours to all parts of Europe and the Orient and when in England, he always brings his tourist groups to Kew. Photography is one of his greatest hobbies and he states that the making of coloured slides and movies is very helpful in his lecture work and in teaching.

It is very refreshing to learn that after such a long and active career he is able to state that nothing has been more rewarding than his two to three years as a student at Kew, where there are so many opportunities for young men to learn and to improve themselves professionally. He hopes that the young men now being trained at Kew will take full advantage of the opportunities open to them and use their free time to further their education and self-improvement.

THE ANNUAL GENERAL MEETING, 1962

This was held on Saturday, 25th August, in the Students' Lecture Room (the old Museum II) at Kew. The President, Mr. W. J. C. Lawrence, took the Chair at 2.45 p.m., and was supported by the Hon. Treasurer (Mr. A. D. Schilling), the Hon. Editor (Mr. G. E. Brown) and the Hon. Secretary (Mr. J. R. Sealy); fifty-two members attended. The President opened the meeting by welcoming those present and said that as there was some important business to deal with, it would be as well to start as quickly as possible. He then called on the Secretary to read the names of those who had sent apologies for absence and next asked the meeting to stand while the Editor read out the names of Kewites who had passed away since the last A.G.M. The meeting then proceeded to the business as set out in the Agenda that had been circulated with the notice of the meeting as follows.

(1) *Minutes of the last A.G.M.* These had been circulated to members by printing them in the *Journal* No. LXVI, pp. 11-21, and it was agreed that they be signed as a true record.

(2) *Financial Report.* The Hon. Treasurer said that certain of the figures given in the report to 30th June, 1962, and printed on the Agenda could be amended as follows:—

- (i) *Financial*—the Benevolent Fund stands at £101 0s. 9d. Income to date from subscriptions, advertisements, investments, etc., is at £557 0s. 4d. Expenditure to date £426 4s. 9d. With the cost of the *Journal* as £359 5s. 0d. the remainder was taken up by postage, stationery and the *Guild Booklet*, the printing charge for the latter being £28. The balance in hand was £130 15s. 7d. The Treasurer explained that there were still some outstanding subscriptions and advertisement charges.

Stating that the Grant of Arms and Badge Fund had been well supported, he gave the total received to date as £291. Already £220 had been paid to the College of Arms, leaving a balance in hand of £71. The circular for the Badge Fund had included an appeal to Life Members. In response 30 additional Life-subscriptions had been received.

Continuing, the Treasurer also gave an account of the following funds :

William Watson Educational Fund—£158 18s. 7d.,
Matilda Smith Memorial Fund — £28 17s. 10d.,
Dümmer Memorial Fund—£54 17s. 3d., Proud-
lock Fund—£12 17s. 1d., War Memorial Fund—
£19 12s. 0d., Jubilee Fund—£1,077 3s. 5d.

The Treasurer also stated that the Annual Tea last year made a profit of 7/-, but there was a deficit of £6 17s. 2d. on the Annual Dinner. The stationery expenses had been higher, due partly to the circular sent out to members for arrears of payment, etc.

- (ii) *Membership.* Mr. Schilling, in dealing with membership and subscriptions, stated that a circular had been sent to those who were more than three years behind in their payments, informing them of the fact and asking them to state whether they wished to continue their support of the Guild. He stated that a reminder was to be sent to the remainder who were in arrears. His eventual aim was to obtain a clear picture of the complete membership.

The Treasurer also announced that with the kind assistance of Miss V. Carder he had compiled a card index system. Using this as a ready check for annual subscription payments he intended to include a reminder slip inside the *Journal* for those members who had failed in their subscriptions due on January 1st.

- (iii) *Increased grants to Prizes.* The Treasurer recalled a Committee decision that the prizes presented by the Guild at the Annual Dinner had been below present day standards. The increases decided upon were—both the Matilda Smith and Dümmer Memorial Prizes from three pounds to five guineas and the Proudlock Prize from one pound to three guineas. It was pointed out that the annual interest from these funds was not sufficient to meet these increases. The additions would need to be maintained by allocations from the General Fund.
- (iv) *Dinner Deficit.* The Treasurer, dealing with this deficit in detail, stated that the price of tickets to student gardeners was drastically reduced to encourage more to attend, and to bring guests with them. As a result 15 double tickets at 25/- each and 22 single tickets were sold.

This involved a loss of 13/- on each double ticket and 4/- on each single ticket. There was, he continued, a total loss of £14 3s. 0d. on the net cost of the meals. This he stated was offset to some extent by the charge of 23/- made for the ordinary tickets, but despite the fact that the Committee paid for the band, there was a final deficit of £6 17s. 2d. To this must be added the sum of £5 1s. 6d., the cost of printing for the menu cards, dinner tickets and circular letters related to the dinner.

(3) *The Journal*. The Hon. Editor stated that the 1961 *Journal* was published on 28th April, 1962, together with the Index for Volume VII. Thus, he stated, with the 1961 *Journal*, No. 66, we have produced the first part of Volume VIII. In giving the main details related to the latest number Mr. Brown explained that the increase in size was largely accounted for by the inclusion of a full report of the A.G.M. 1961. In all there were 128 pages, the cost of printing, etc., being £359 5s. 0d. There were 18½ pages of advertisements bringing in a sum total of £92 10s. 0d. Continuing, the Editor recounted some of the features included in the *Journal* and he thanked members for their support. He mentioned the great loss to the Guild in the passing of Major F. R. Long who frequently contributed to the *Journal*. Mr. Brown concluded by explaining the need for contributions for the *Journal* to reach him by 31st December at the latest to allow for a spring publication. Mr. Pearce asked if, in connection with the increased cost of the *Journal*, the rates for advertising had been increased. Mr. Brown, replying, stated that they had not. Mentioning that some advertisers had dropped out, he felt that £5 per page was probably the maximum charge without further loss of advertisers.

(4) *Annual Report of the Committee*. The Secretary reported as follows :—

- (i) *Annual Dinner*. This was held at the Chatham Restaurant on Wednesday, 23rd May, 1962, when the President, Mr. W. J. C. Lawrence, presided over a gathering of 188 members and guests—a record number so far as we can judge. The guests of the Guild were Dr. Ineson (Chairman, Northern Horticultural Society), Mr. G. D. Lockie (Manager, Fernhurst Research Station), and Mr. R. T. M. Pescott (Director, Royal Botanic Gardens and Herbarium, Melbourne, Australia). Mr. C. Stock acted as M.C. The toast of “The President” was proposed by Mr. W. M. Campbell, and that of “Our Guests” by Mr. M. Gabe, a student-gardener, Mr. Lockie replying on behalf of the guests. The President presented the prizes as usual. After dinner a band played for dancing, and there was ample accommodation for those who wished to talk. It was generally agreed that the evening was very enjoyable.
- (ii) *Guild Records*. The photograph collection has been increased by 74 including 32 annual group photographs

from the late W. J. Beans' collection and the total is now 341.

- (iii) *Christmas Cards*. A total of 2,664 cards was sold, comprising 984 of the new card at 6d. each (leaving 1,012 in stock) and 1,680 of the old cards at 3d. each (leaving 997 in stock). The net profit was £4 15s. 3d. A new card, from a photograph by Mr. S. Rawlings, is to be produced.
- (iv) *Booklet for New Students*. This has now been printed and is issued to new students on their arrival at Kew. 1,000 copies were printed and the cost was £28.
- (v) *Proudlock Tennis Cups*. The competitions for the Proudlock tennis cups have been organised as usual by the Gardens Tennis Club, but the number of competitors remains depressingly small. A special notice will be inserted in the *Journal* in future.
- (vi) *Guild Arms and Badge*. As recorded in the *Journal*, No. LXVI, pages 22-23, our application to the College of Arms was favourably received. The Committee enlisted the help of Miss Ross-Craig who prepared preliminary designs. From these and discussions with Miss Ross-Craig and the Hon. Secretary, designs for the Arms and Badge were prepared by Mr. J. P. Brooke-Little, Bluemantle Pursuivant at the College of Arms. These designs were considered by the Committee, and Bluemantle and Miss Ross-Craig attended one of the Committee meetings to discuss them. Eventually designs were prepared which the Committee approved. These designs are now being considered by Garter King of Arms, and in due course the Guild will formally receive a grant of Arms and a Badge. As there seems to be some misunderstanding about the nature of a Badge, it may be as well to state the legal position. Arms are granted to individuals and to corporate bodies, and may be borne or displayed only by the individual concerned and his immediate family, or the corporate body to which the grant was made. The members of the corporate body may not display the Arms, but may use a Badge; the latter may, and usually does, include symbols from the Arms, but it can be a completely different design. It must never be on a shield, for this is used only for the Arms, and the numerous badges in the form of a shield that one sees are spurious. They have no legal standing, and are not recognised by the College of Arms.

The cost of the grant is £220, £157 10s. 0d. for the Arms and £62 10s. 0d. for the Badge. We appealed for £300 and members have so far subscribed £291.

- (vii) *Recognition of the Guild as a Charity*. As members will know, income derived from investments and interest from

bank deposits is liable to income tax, which for organisations like the Guild is at the standard rate. This can be avoided only if the organisation concerned can be recognised as a Charity, in the legal sense, or if a Deed of Trust can be effected to cover the investments. The Committee has had this matter under consideration and decided to take legal advice about it. The advice is that the Guild should take steps to become recognised as a Charity. To do this it is necessary to have the Rules re-drafted, in order to make the principal objects of the Guild benevolent, and educational. In other words for the encouragement of student-gardeners and the publication of horticultural, botanical, and historical information. Funds from which prizes are provided and also the Benevolent Fund are clearly charitable in the legal sense, but the Jubilee Fund and the Capital Account, which between them contain the bulk of our money, just over £2,120, are not. The income from this money is used to finance the *Journal*, and can only be regarded as charitable to the extent to which it is used for the scientific, historical, and educational items published in the *Journal*. It may be necessary, therefore, to separate these items from the rest of the matter in the *Journal*, namely news of members of the Guild, reports of sports and social activities at Kew, obituaries, and so on. What is envisaged is that the *Journal* will continue much as now, but that the educational (in other words charitable) items would form a separate section, perhaps under some such title as "Records of the Kew Guild", while the rest of the matter constitutes the *Journal* proper. The *Journal* proper would then be financed from subscriptions (which are not liable to tax), while the "Records" would be charged to the investments. Incidentally, in the last part of the *Journal*, one-fifth of the contents would count as "Records", the rest as *Journal*. The Committee decided that it is in the best interests of the Guild that application should be made for registration as a Charity, and the matter has been placed in the hands of a firm of solicitors. Certain alterations to the Rules are necessary and these have been circulated to all members as required by the Rules of the Guild. The Secretary then said that before considering these amendments, it would be as well to know whether or not the meeting approved of the Committee's action in this matter. Mr. Milne-Redhead said he thought it was a good thing to do and pointed out that members would be able to enter into a seven-year covenant with the Guild whereby the Guild would recover the income tax that had been paid on the subscription. Mr. Bullock proposed that the Committee's action be endorsed, this was seconded by Mr. Pearce and carried unanimously.

The proposed amendments were as follows :—

Renumber existing Rule 3 to 3a, and insert new 3b as follows :—

“ To co-operate with other bodies having similar or sympathetic aims and generally to do all such acts as shall further the active and corporate life of the Guild and may lawfully be done by a body established only for purposes recognised by the law of England as charitable.”

Delete Rule 11, and substitute new Rule 11 as follows :—

“ These rules may be altered by a two-thirds majority of those present and voting at an Annual or Special General Meeting. Any proposals for the alteration of Rules shall be sent to the Honorary Secretary in writing at least twenty-one clear days before the date of the Annual or Special 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 or Special General Meeting.”

Add the following new rules :—

12. A Special General Meeting of the Guild may be called at any time by the Committee and shall be so called within forty-eight days of receipt by the Honorary Secretary of a requisition in writing signed by not less than thirty-five members stating the purpose for which such meeting is desired and setting out any resolution which it is desired to propose thereat. No business shall be transacted as such meeting other than that specified in the notice and no amendment to any resolution proposed at the meeting shall be allowed. The chairman of the meeting shall be nominated by the Committee.

13. The accidental omission to give notice of a meeting to or the non-receipt of notice of a meeting by any member shall not invalidate any proceedings or resolutions at any meeting of the Guild or any committee thereof.

14. A motion to dissolve the Guild may only be made at a Special General Meeting and to effect a dissolution at least three-quarters of the members actually present and voting at the meeting shall vote in favour of the dissolution. If a motion to dissolve the Guild is carried by the said majority the Guild's surplus funds, property and assets (if any) shall be disposed of for charitable purposes in connection with education and research and par-

ticularly for such charitable purposes of education and research in connection with botany and horticulture as the members may at the said Special General Meeting decide, or failing any such decision, to a charity connected with botany and horticulture to be nominated by the Director of the Royal Botanic Gardens, Kew, for the time being, to the intent that no member of the Guild shall receive any of the said funds, property and assets by virtue of his membership.

The Secretary then announced that he had received a note from Mr. Bullock drawing attention to a number of shortcomings in these amendments—he suggested that Mr. Bullock might be asked to explain them to the meeting.

The President then called upon Mr. Bullock, who pointed out: (1) that there was no need to renumber Rule 3, the objects could simply be lettered (a) and (b). (2) that Rule 11 made no provision for amendments to be made at a meeting when proposed alterations to Rules were under consideration. (3) that in Rule 12, "less" in line 3 should be replaced by "fewer"; that in the second sentence "and no amendment to any resolution proposed at the meeting shall be allowed," should be deleted; and that no provision is made for sending out an Agenda. (4) Rule 13 is not good English and ought to be rewritten. (5) Rule 14, lines 1 and 2, for "may only be made" read "may be made only".

The Secretary said he would make notes of these, and any other proposed alterations, and bring them to the notice of the solicitor.

Mr. Eul said he thought Rule 14 should be strengthened by requiring a postal vote of members on the question of dissolving the Guild, owing to the large number of members overseas and the wide dispersal of members in this country. He also thought that the Curator should be jointly responsible with the Director for deciding the disposal of the assets.

A lively discussion ensued, some members being in favour of passing the amendments and leaving the solicitor free to take up the suggestions made at the meeting where he thought fit, and others pressing that the amendments should not be passed in their present form, especially No. 14, which caused uneasiness to several members. The Secretary pointed out unless the new Rule 11 was passed, it would not be possible to call a special meeting to consider the revised Rules when Counsel finally drew them up, but Mr. Summerhayes said that it was possible to adjourn the A.G.M. and reconvene later. This was sup-

ported by Mr. Campbell and Major Flippance. Finally the Secretary drew attention to the fact that under our present Rules, proposals for alterations to the Rules had to be sent to him in writing 21 days before the A.G.M. and had to be circulated to members 7 days before the A.G.M. The only proposals filling these conditions are those he had circulated and that therefore the meeting must express an opinion on them as they stood. He suggested that each be discussed and voted on in turn. This was agreed.

Rule 3 was passed unanimously (subject to the alteration suggested by Mr. Bullock).

Rule 11 was agreed unanimously.

Rule 12 was rejected, 20 voting for and 29 against.

Rule 13 was rejected, only 3 voting for it.

Rule 14 was passed, 38 voting for and 11 against.

(5) *Election of Officers, Members of the Committee and Auditor.* Dr. Metcalfe leaves the Committee having completed his year as Past President, and Mr. Snowden is the retiring Vice-President; Capt. Hogg, Dr. Hubbard, Mr. Prockter and Mr. Wells are the retiring ordinary members of the Committee, while Mr. G. Preston is the retiring auditor. To all these gentlemen the thanks of the Guild are due for all they have done. The names of members proposed for election by the Committee were printed on the Agenda and as there were no other nominations the President formally put each in turn to the Meeting and all were elected unanimously. Those elected were:—

President	Mr. F. G. Harcourt
President-elect	Mr. J. L. S. Gilmour
Vice-President	Dr. E. K. Thomas
Hon. Treasurer	Mr. A. D. Schilling
Hon. Editor	Mr. G. E. Brown
Hon. Secretary	Mr. J. R. Sealy
Members of the Committee	Mr. D. A. Brown
	Major G. G. Cook
	Mr. F. H. Eul
	Mr. G. J. E. Yates
	Mr. P. Hunt

(for one year in place of Mr. Harcourt).

Hon. Auditor	Mr. A. S. Woodward
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(6) *Any Other Business.* Mr. Bullock said he was sure that everyone was sorry that Mr. Stenning could not be with them and he suggested that the Secretary be asked to send a letter to Mr. Stenning conveying the sympathy and good wishes of the meeting. Agreed unanimously.

Mr. Stock said he felt sure the Meeting would like to express its gratitude to the President for all he had done during his year of

office and for so ably presiding that afternoon. He felt that it was appropriate to add their thanks to the other three officers who, it would be obvious to all, had done a great deal of work for the Guild—he therefore proposed a very hearty vote of thanks to them all. This was seconded by Mr. Squibbs and carried with great acclamation. The President replied and thanked the Meeting on behalf of all the Officers. He said he thought that never in its history had there been such a thorough overhauling of the Guild as had taken place during the past year or two, and we were all grateful.

Finally the President said he would like to congratulate the Guild on having as its next President so distinguished an Old Kewite as Mr. Harcourt, who had rendered such outstanding service during his long career in the West Indies. Mr. Harcourt thanked the Meeting for the honour of being elected President, and said he would do all in his power during his year of office to be worthy of the honour, and to further the interests of the Guild.

The Meeting closed at 4.40 p.m.

Afterwards members proceeded to the glasshouse opposite the Curator's Office, where tea was served. A number of friends and relatives joined in the afternoon's "business" at this point. The meal has become a very pleasant social occasion.

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ANNUAL DINNER, 1962.

The seventy-first Annual Dinner was held at the Chatham Restaurant, Victoria Station, on Wednesday, 23rd May. At 7 p.m. 189 members and guests, with Mr. W. J. C. Lawrence the President, sat down to an attractive menu which consisted of Petite Marmite, Supreme of Turbot Dulgere ; Escalope of Veal Zingara, Parmentier Potatoes, Haricots Verts ; Charlotte Russe with Fruit Salad ; and Coffee.

After the first toast, to " Her Majesty the Queen ", Mr. W. M. Campbell rose to propose the toast to " Our President ". Emphasising that the occasion gave him the greatest of pleasure, he stated that their friendship stretched back over the past forty-two years, to the time when they were together at the John Innes as students. After describing a few of the amusing incidents which occurred during these student days, he elaborated upon the President's great capacity for work. He stated that among his many achievements was his work connected with the standardisation of potting composts, his recommendations being adopted both in this country and abroad. Finally he spoke of the great interest and knowledge which Mr. Lawrence had shown in the training of youth for a horticultural career. Mr. Campbell described Mr. Lawrence's year of office as President as a great attribute to one who had won world-wide fame and respect from the start which he made as " crock-boy " when he first entered the profession.

Mr. Lawrence, in replying, thanked the Guild for honouring him by electing him as President. He reminded the assembly that there should be no looking back and that the student gardeners, as well as those who were young in mind should look to the future. Explaining that it was essential to be properly equipped for a successful career, he stated that it was important to possess the ability not only to break down the facts but to put them together again in relation to the particular problem or circumstance. Facts he said should be pertinent and realistic. Our President also stressed the great value of pride in craftsmanship. There was, he said, no substitute for learning how to do things yourselves. Another piece of advice was to prove all things and to hold fast that which was good.

Passing on to organisation Mr. Lawrence dealt with the need for experience in handling people and in serving upon committees. The advice was given that no Kewite should take a position of responsibility unless he knows something of work study. Mr. Lawrence also stated that whilst one should be ready to accept new ideas, it is advisable to think out your own problems and perhaps at times be independent or even rebellious. Before closing, our President explained that for real success good personal relations with the staff were essential.

Following the proposal of the toast to " The Kew Guild " by

the President, Mr. M. J. Gabe, a Student Gardener, rose to propose the toast to "Our Guests". During a very able speech he introduced the Guests: Dr. Ineson, Director of the Northern Horticultural Society; Mr. G. D. Lockie, Estate Manager of the Fernhurst Research Station; and Mr. R. T. M. Prescott, Director of the Royal Botanic Gardens and National Herbarium, Victoria, Australia.

Replying for the Guests, Mr. Lockie laid emphasis on the need for plantmen in commercial horticulture. The trade, he stated, looked for men who were capable of combining the art and science of growing with management.

The presentation of prizes was then made by the President. They were as follows:—

- (1) The Hooker Prize—Mr. D. Holmes.
- (2) The C. P. Raffill Prize—Mr. R. B. Anwyl.
- (3) The Mutual Improvement Society's Prize—Mr. M. Gabe.
- (4) The Matilda Smith Memorial Prize*—Mr. W. T. Preston.
- (5) The "Grower" Prize**—Mr. W. T. Preston.
- (6) The Dümmer Memorial Prize—Mr. B. Dodds.
- (7) The Proudlock Jubilee Prize—Mr. C. D. Sayers.
- (8) The Photography Prize—Mr. A. R. Mitchell.

The Proudlock Tennis Cups:—

- (a) The Ladies' Cup, won by Mrs. J. Lewis.
- (b) The Men's Cup, won by Mr. W. Lewis.

Following this very pleasing and satisfying ceremony a special welcome was extended to Old Kewites from overseas who were present at the Dinner. We would, in particular, like to record the presence of Mr. A. A. Cavanagh (1923) from Georgetown, who was home on leave with his wife, and who has now retired in Argentina.

The remainder of the evening was devoted to a dance, but the sweet strains from the band also provided a pleasant background to the conversation and laughter, as groups reminisced over their experiences at Kew as students.

The Guild owes a special thanks to Mr. Stock who acted as Toast Master throughout the proceedings.

* The Matilda Smith Memorial Prize: awarded annually by the Guild to the student who obtains the highest percentage of marks during the two-year course at Kew.

** The "Grower" Prize: presented by the directors of *The Grower* and awarded to the student adjudged the best practical gardener during the two-year course at Kew.

NEW ZEALAND BRANCH OF THE KEW GUILD.

The 1961 gathering was held in Greymouth on the West Coast of the South Island during the New Zealand Parks Administration Conference. This is the first occasion that this Conference has been held in this province, and the smaller number of ex-Kewites who were present was due to the difficulties of travel.

The function took the form of cocktails, and those present were:—

Mr. and Mrs. M. J. Barnett (1914)—Christchurch.

Mr. and Mrs. J. A. McPherson (1924)—Auckland.

Mr. and Mrs. J. G. MacKenzie (1934)—Hastings.

Mr. and Mrs. L. Lannie (1939)—Napier.

Mr. D. Riach (1955)—Masterton.

Mr. D. H. Leigh (1933)—Nelson.

Mr. D. C. MacKenzie (1939)—Palmerston North.

The toast "Royal Botanic Gardens, Kew" was proposed by the President, Mr. M. J. Barnett and replied to by the "newest" Kewite, Mr. D. Riach.

D. C. MACKENZIE, *Hon. Secretary, New Zealand Branch.*

The 1962 Annual Dinner of the New Zealand Branch of the Kew Guild was held in the Scandia Restaurant, Palmerston North, on Thursday, 15th February, 1962.

Those present were: Mr. M. J. Barnett (1914), President; Mr. and Mrs. J. A. McPherson (1924); Mr. and Mrs. J. G. MacKenzie (1934); Mr. and Mrs. L. Lannie (1939); Messrs. J. G. Short (1940), D. D. Riach (1955), D. C. MacKenzie (1939), D. H. Leigh (1933), J. H. Edwards (1947) and R. Balch (1939).

Apologies for absence were received from Messrs. W. M. Rogers (1956), C. H. Jones (1930) and J. O. Taylor (1947).

After an excellent meal, cooked in the continental manner, a pleasant time was spent in reminiscing. The toast "The Royal Botanic Gardens, Kew" was proposed by the President and replied to by D. D. Riach as the youngest Kewite present. The toast to "The Ladies" was in the capable hands of Mr. J. McPherson and the reply was aptly dealt with by our bachelor member, Mr. R. Balch.

The meeting decided to present a copy of Volume 1 of *The Flora of New Zealand* to the Students' Library at Kew.

Our present membership in New Zealand is twenty-one and we have been pleased to see Dr. Melville (of Kew) in our country. Unfortunately he was unable to attend the dinner as he was busy plant collecting on Stewart Island at the time.

The dinner next year will be held in Christchurch.

D. C. MACKENZIE, *Hon. Secretary, New Zealand Branch.*

THE ASSOCIATION OF KEW GARDENERS
IN AMERICA, INC.

REPORT FOR 1961.

The Association of Kew Gardeners in America, Inc., held its Annual Meeting at The Horticultural Society of New York on 8th March, 1961, followed by dinner in the Casino-on-the-Park at the Essex House. Notices of the dinner were previously mailed to 77 Kew men in the United States, Canada, Bermuda and Jamaica. Invitations to meet with our group were extended to 18 men who received horticultural training at The Royal Botanic Garden, Edinburgh, Scotland. Members and guests, with their wives brought the total number present to 21 : Mr. and Mrs. J. H. Beale, Mr. and Mrs. S. Bridge, Mr. and Mrs. S. Carson, Mr. and Mrs. J. Dourley (Edinburgh), Mr. and Mrs. H. Downer, Mr. T. H. Everett, Mr. and Mrs. M. Free, Mr. and Mrs. H. F. Riebe, Mr. I. Smith, Mr. and Mrs. J. Swan (Edinburgh), Mr. and Mrs. H. Swift, and Mrs. Atwood of the Horticultural Society. There were messages from many Kew and Edinburgh men, including Harry Burton (1903), William Ing (1905), A. C. Brown (1905), George Pring (1906), Cyril Warren (1912) and G. R. Candler (1913).

Illustrated talks by Mr. Beale and Mr. Downer provided a stimulating programme. Mr. Beale spoke of unusual plants seen on a recent trip to California, and Mr. Downer spoke on outstanding plants and places seen in America and in England. With dinner came much reminiscing, story-telling and comparing of notes, all making for a jolly evening.

During the last few years there has been a growing concern about our diminishing number of Kewites and the continuance of an affiliation of Kew Gardeners in America. Officers and many members were agreed that, because of this diminishing number it would be well to consider some kind of consolidation with Edinburgh men and to have our annual meetings together. Unfortunately, on the evening of our dinner we had a bad blizzard which prevented a suitable representation of Edinburgh men to pursue the matter further. No action was taken, although those present at the dinner and those from whom we had correspondence, including Edinburgh men, were enthusiastic about such a consolidation.

Members of our organisation and his many friends everywhere were grieved by the sudden death of our Secretary-Treasurer, Mr. Stephen Cutting (Kew, 1938) on 1st May, 1961. His last position was as Horticulturist at the Yale School of Forestry Research in New Haven, Connecticut.

EAST LANSING MEETING.

An announcement of a second meeting of Kew Gardeners in America at East Lansing, Michigan, on 3rd July was mailed to all Kew and Edinburgh men on our mailing list with the hope that this would bring together a number who find it difficult to attend New York meetings. Five were present for dinner at Kellogg Center

on the Michigan State University campus : Mr. H. S. R. Chapman, who for many years was in charge of the Beale Botanic Garden and is now retired and living in East Lansing ; Prof. Donald Watson, who is in the Department of Horticulture at the University ; Mr. M. Truman Fossum, from Detroit ; Mr. John Dourley (Edinburgh), from the Morris Arboretum, near Philadelphia, who flew out to join us, and myself. Some time was spent visiting the Beal Garden and the T.V. Garden on the University campus which Prof. Watson has supervised and been active in maintaining for a live T.V. feature in the East Lansing area. Many aspects of the Association were discussed, and again a wonderful loyalty to Kew was evident—as has been shown at all our annual meetings, as well as in correspondence with Kewites who now reside on this side of the Atlantic.

HOWARD W. SWIFT, *President.*

REPORT FOR 1962.

The Annual Meeting and Dinner was held on Monday, 12th March, 1962, in the Branding Iron Restaurant of the Hotel Wellington in New York City.

A new Secretary-Treasurer was appointed to fill the place vacated by the passing of Mr. Stephen Cutting. Our President, Mr. Howard Swift, was at the meeting and gave a report of the Kew meeting which he attended on 3rd July, 1961, at East Lansing, Michigan. He also spoke of the messages he received from other members who were unable to be present.

The following members and wives attended : Mr. Howard Swift, Mr. and Mrs. Henry Downer, Mr. Ing, Mr. and Mrs. Thomas Everett and Mr. and Mrs. Samuel Bridge ; also Mr. Fairman Jayne and Mr. Owen Higgott, both of whom had not attended before.

The area men who received their training at Edinburgh Botanic Garden were invited and the following attended : Mr. and Mrs. John Swan, Mr. John Dourley, Mr. and Mrs. Don Richardson with two relatives and Mr. and Mrs. Frank Richardson of Nebraska, England, who had only just arrived in the morning from overseas.

SAMUEL F. BRIDGE, JR., *Secretary-Treasurer.*

MUTUAL IMPROVEMENT SOCIETY.

The Annual General Meeting was held on 3rd September, 1962, with Mr. G. E. Brown in the Chair. The following officers were elected for the year 1962/63 : Chairman, Mr. G. E. Brown ; Vice-Chairman, Mr. G. J. E. Yates ; Hon. Secretary, Mr. J. B. Gaggini ; Hon. Assistant Secretary, Mr. J. Woodhams ; Hon. Treasurer, Mr. J. E. S. Souster ; Committee Members, Mr. D. W. Ralston and Mr. J. H. S. Winter.

SECRETARY'S REPORT FOR THE 1961-62 SESSION.

The season was a successful one although the average attendance was only 32. The judging for the C. P. Raffill Prize was

again carried out by an impartial committee made up of the Chairman with two "neutral" members.

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. D. Holmes.

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

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

The members who were selected for the Barnes Brains Trust Team were Messrs. J. Holmes, J. Gaggini, D. Holmes and R. Harrison.

Finally I would like to thank the Officers, Committee Members and the whole Membership, who have supported the Society during the season.

D. HOLMES, *Hon. Secretary.*

SYLLABUS : OCTOBER, 1961—MARCH, 1962.

1961			
Oct.	2	Expedition to North Norway	A. Schilling
"	9	Works of the 18th Century Landscape Gardeners	G. Brown
"	16	Water Gardening	D. Holmes
"	23	Glasshouse Heating Requirements	D. Taber
"	30	Planting and Maintenance of Street Trees	G. Cook
Nov.	6	Landscaping Small Gardens	D. Evans
"	13	Survey of Parks Administration	R. Harrison
"	20	Internal Debate	
"	27	Peat Gardening	M. Baren
Dec.	4	Coffee Growing	C. Giles
"	11	Plant Magic	B. Dodds
"	18	Building and Landscaping	J. Aldous
1962			
Jan.	8	Tea Production in Ceylon	J. N. Jayman
"	15	Evolution	M. Gabe
"	22	Proteas and Allied Genera	M. Theron
"	29	Floral Art	T. Mathews
Feb.	5	Kew/Cambridge Debate (at Kew)— Messrs. R. Anwyl and M. Theron	
"	12	The Construction and Maintenance of Bowling Greens	J. Warrington
"	19	Commercial Mushroom Culture	R. Anwyl
"	26	Non-commercial Horticulture in South Australia	T. Whitehill
Mar.	5	Forestry in Israel	C. Barnett
"	12	Longwood Gardens	R. Bauman
"	19	The Identification and Classification of Bryophytes	C. D. Sayers
"	27	Kew/Wisley Debate (at Wisley)—Messrs. J. Smith and R. Bauman	
Apr.	2	Plant Collecting in Lower Burma	

KEW BOTANY CLUB.

Interest in the club has been maintained throughout the year with both students and staff helping to make the lectures and meetings a success.

The winter lectures covered both horticultural and botanical subjects. The first paper was given by Miss M. McCallum-Webster. With the title "From Coast to Corrie" the lecture held the attention of the audience as she spoke knowledgeably on a wide range of plants. Much was gained from the lecture "Small Latin and Less Greek" by Mr. Souster. Many of the points raised were virtually unobtainable from the normal text-books. In an interesting lecture upon "British Trees" Mr. Pearce dealt with his subjects alphabetically and gave information upon indigenous trees and their cultivated counterparts, varieties and hybrids. The winter series was completed with a lecture by Mr. Stenning upon "Insectivorous Plants". A master of his subject, Mr. Stenning gave a very interesting paper to an equally interested audience.

Eight trips were arranged for the summer but attendance was very varied. The most popular trips proved to be the ones to Dungeness and the evening trip to Staines Road Refuse Tip, the latter being most interesting despite the unsavoury surroundings.

There was keen competition for the two prizes awarded annually by the Guild.

The Dümmer Memorial Prize, for the student making the best collection of British Plants was awarded to Mr. J. Gaggini.

The Proudlock Jubilee Prize, for the next best collection, was awarded to Mr. K. M. Fellows.

In addition, five other collections were submitted.

Finally, I would like to express thanks to the Chairman, Mr. D. Philcox, to the Committee members—Messrs. Bridgeman, Winter and Woodland, and to Members who gave their support.

K. M. FELLOWS, *Hon. Secretary.*

STUDENTS AND IMPROVERS ASSOCIATION

Mr. J. E. Stanley took over duties as Secretary of the Association in October, 1961, but on his tragic death in November, 1961, Mr. J. A. Maddox was appointed in his place.

Various changes have taken place during the year, the most notable being the re-organisation of the Gardens Library. Our thanks are extended to Mr. R. C. C. Desmond, the Kew Librarian, for undertaking this worthy task. The system adopted being that of the Herbarium Library.

The Study Group continued during the winter months under the auspices of Mr. P. T. Bridgman. Mr. G. Brown, Assistant Curator, kindly continued the practical instruction during the summer. The overall results were not equal to the previous year's, only two students passing the Intermediate and one the Final, in Section I.

In the Spring, in collaboration with the Sports and Social Club, a Gestetner Duplicator was purchased. This used a large proportion of our funds but will be compensated for by the service provided to our members. An immediate benefit was the resumption of the publication of *Kew Notes*. These are short articles by students and members of Kew Staff on items of horticultural interest.

Continuing the practice of recent years, the following lectures were given by external speakers during the Summer of 1962.

- July 9th Mr. J. Sykes of Wye College — Hormones in Horticulture.
- July 16th Mr. G. F. Sheard of Glasshouse Crops Research Institute—Glasshouse Heating and Construction.
- July 23rd Francis Perry—The Ornamental Use of Water.
- Aug. 9th Mr. E. Storey of the L.C.C.—Maintenance of Ornamental Trees.
- Sept. 13th Mr. C. Tandy of The War Office, Chessington—Modern Landscaping.
- Sept. 20th Mr. R. J. Garner of East Malling—Rootstocks—Purposes and Problems.
- Sept. 27th Mr. K. L. Morgan of The Grotto—Headquarters of the Institute of Park Administration—Parks Administration.

Members also benefited from a wonderful collection of slides shown by Mr. H. Blanche, Landscape Consultant to Ithaca, New York, an "Old Kewite".

September, 1962, saw a unique event in the history of Kew Students—the publication of "VISTA". This is a magazine produced on our duplicator which enables students and staff to express their views on contemporary matters mainly affecting Kew. We are indebted to Mr. T. Mathews and Mr. G. Leaver for their endeavours in editing this first copy.

Following last year's appeal, a collection of colour slides has been formed and are housed in the Gardens Library. Further additions to this collection would be gratefully received by the Secretary.

The awards for Plant Identification Tests are as follows :

October, 1961—March, 1962 : Mr. G. A. Cook.

March, 1962—October, 1962 : Mr. J. Gaggini.

A successful year in all, which could not have been accomplished without the untiring efforts of my Chairman, Mr. R. T. Harrison. May I also take this opportunity of thanking the Treasurer, Mr. J. Aldous and other members of the Committee.

As retiring officers, our last duty was to officiate the election of our successors and therefore may I wish them every success in all they do concerning the Association.

J. A. MADDOX, *Hon. Secretary.*

STUDENTS MAGAZINE *VISTA*.

In September, 1962, a new magazine appeared at Kew, it is called *Vista* and is the official organ of "The Student Gardeners Association".

Edition No. 1, published in September, 1962, was a great success, due mainly to the support of Old Kewites and in particular to Mr. W. T. C. Lawrence, who was kind enough to write a preface for the first issue.

Edition No. 2 will be published during the 3rd week in March, 1963. Any Old Kewites who would like to receive a copy of this edition of *Vista* should send a Postal Order for 2/6d. to cover cost plus p/p. to: The Editor, *Vista*, c/o Curator's Gate, Royal Botanic Gardens, Kew, Surrey.

The Editor will also be pleased to receive any articles, short stories, or humour for inclusion in future editions of *Vista*, these should be sent to the above address.

G. J. LEAVER.

SLIDE COLLECTION.

As stated in last year's *Journal* a collection of 35mm. colour transparencies on horticultural subjects has been established and is now housed in the Gardens Library.

The collection is contained in a wooden cabinet and a card index system has been provided. The Association has also provided a power operated viewer which will enable students to study slides whenever they wish.

Students and friends are again asked to donate slides, so may I take this opportunity of appealing to any Old Kewites who have spare or duplicate slides to help swell the number of the collection. At the moment the collection consists of approximately 350 slides, divided into two sections, namely (1) Plant Portraits, (2) Miscellaneous.

Donations should be sent to: The Keeper, Students' Slide Collection, c/o Curator's Gate, Royal Botanic Gardens, Kew, Richmond, Surrey.

G. J. LEAVER.

"The botanical pilgrim in England approaches Kew Gardens in a frame of mind which might be likened to that of a devout Moslem drawing near to Mecca. The Museum or Royal Herbarium is not the oldest institution of its sort in the country, but it is the largest and richest in associations and achievements"—R. C. Barneby in *Garden Journal*, New York Botanic Gardens, 12 : 214, 1962.

LAWN TENNIS CLUB, 1962.

The flippant phrase, "anyone for tennis?", began to ring somewhat hollow this season, as the game was washed and blown from the courts with monotonous regularity. The happy band of players gradually declined in numbers after a fairly enthusiastic start to the season in the balmy months of May and June. However, the club membership just maintained its numbers and we were glad to see an increase in student participation.

Fortunately most of the match fixtures had been arranged for the early part of the season and were played off before the adverse weather set in. The first match against Queen Elizabeth College on their hard courts was lost 5-4, but we obtained our revenge in the return match played on Kew turf when we won 7-2. Both matches against the Natural History Museum were also won, 7-2 and 6-3. Unhappily we were obliged to scratch the fixtures with the R.H.S. Gardens, Wisley, due to lack of support during the holiday season.

The Proudlock Singles Tournaments got off to a rather late start and suffered from lack of entrants as a result of differences of opinion with the Kew Guild about the interpretation of the regulations. Thereafter the matches were badly hit by the weather and the withdrawal of some of our better players. The Treasurer, Mr. R. J. Claiden, was awarded the Men's Cup after a walk-over, and his wife was successful in the Ladies' Final with a win of 6-0, 6-1 against Miss V. Cole.

We are most grateful to Mr. Yates and his Department who together with our groundsman, Mr. C. Preston, gave so much attention to the maintenance of the courts.

MARGARET Y. STANT, *Hon. Secretary.*

PREVIOUS POSITIONS OF STUDENTS ENTERING KEW DURING 1962

April	Armony, A.	Parks Department., Haifa, Israel.
Oct.	Bentnall, M.	Port Elizabeth Parks Dept., South Africa.
April	Bridgman, P. H.	Coverwood Nurseries, Ewhurst, Surrey.
Oct.	Burlingham, Miss K.	Sandringham Gardens, Norfolk.
Oct.	Deans, R. F.	John Innes Institute, Bayfordbury.
Oct.	Dennis, Miss M. J.	J. Waterer, Sons & Crisp, Bagshot.
Oct.	Dodge, M. H.	Newport Parks Dept., Monmouthshire.
Oct.	Elsley, J. E.	Essex Institute of Agriculture, Writtle.
April	Hellewell, J. D.	Barnsley Corporation Parks Department.
April	Hyde-Trutch, Miss J. A.	Geo. Jackman's Nurseries, Woking.
April	MacArthur, A. D.	Hamilton City Council, New Zealand.
Oct.	Marshall, R.	Carters Tested Seeds, Ltd.
April	Pead, C. B.	City of Cardiff Parks Department.
April	Pierce, D. N.	Liverpool Parks Department.
Oct.	Popham, C.	Dartington Hall Gardens, Devon.
Oct.	Salter, B. E.	Royal Parks, Ministry of Works.
April	Spate, G.	Wolverhampton Parks Department.
Oct.	Tinkner, Miss L.	Homerton College, Cambridge.
Oct.	Trivinnard, R.	Richmond Parks Department.
April	Winter, J. H. S.	Pretoria Parks Department, South Africa.
April	Woodhams, J. R.	Improver, R.B.G., Kew.

SPORTS AND SOCIAL CLUB.

The year has been one of particular success for the Club. There has been excellent support for both the social and sports activities and the Club has also prospered financially. Both the Christmas Draw and the Football pontoon have added greatly to its income and the organisers of both must be congratulated on the success of their efforts.

The Annual Dance, held at the Star and Garter Hotel, Richmond, on January 19th, 1962, was very well attended, and many Old Kewites were present. Other dances held there however, were less successful, and as an innovation several Jazz Hops were arranged at the Coach and Horses, Kew Green. These were received with enthusiasm and both attendance and receipts improved rapidly. The licensee of "The Coach", Mr. Dempsey, and Mrs. Dempsey, did everything possible to ensure that these evenings went with a swing and also made substantial donations to the Club. In appreciation of their interest and generosity the Committee decided unanimously to make them honorary members.

The Christmas Party was held at The Boathouse, Kew Green, on December 19th. It was well attended by students, staff and by Old Kewites and their friends. The hall was attractively decorated with greenery, flowers and Christmas decorations, which added considerably to the festive atmosphere. Once again the Fancy Dress Competition attracted many entries which were often colourful, exciting and always amusing. The panel of judges, which consisted of Sir George Taylor, Dr. C. Hubbard, Mr. King and Mrs. Dempsey, awarded the first prize—the traditional Christmas Cake baked by Mrs. Metcalfe—to the Aboretum Nursery for its interpretation of the Boston Tea Party. All the entrants deserve great credit for the work and originality put into their tableaux. The prizes for Fancy Dress, the Photographic Competition and for the Gardens Races, were made by the Director. The Christmas Draw was also held on this evening, and was won by Mr. S. J. Williamson of the Director's office.

The election of officers for the year was as follows : President, Dr. C. R. Metcalfe ; Chairman, Dr. K. Jones ; Treasurer, Mr. S. A. Pearce ; General Secretary, Mr. J. H. S. Winter ; Social Secretary, Mr. G. Spate ; Sectional Secretaries : Cricket, Mr. P. Bridgman ; Hockey, Mr. D. Rawlston ; Football, Mr. H. Bell ; Athletics, Mr. J. Gaggini ; Mountaineering, Mr. T. Schilling ; Music, Mr. T. Smith ; Photography, Mr. M. Tyas ; Herbarium Representative, Miss P. Godfrey ; C.M.I. Representative, Miss E. Hastings ; M.A.F.F. Representative, Mr. R. Fender.

The thanks of the Club are extended to all who have helped to make the activities a success.

JOHN WINTER, *Hon. Secretary.*

CRICKET SECTION.

1962 was a more successful season than our figures show. Of eleven matches played we won 4, lost 6 and drew 1. Most of these matches produced some fine batting and bowling, but careless fielding sometimes lost us valuable runs. The season began with a defeat on Kew Green at the hands of Ilford Parks, always a strong opposition. Then followed our darkest hour; we travelled to Writtle to score 17 runs. Writtle passed our total with all their wickets still in hand.

Our first victory came at Fernhurst, a narrow win thanks to T. Jayman (26 not out) and the bowling of J. Maddox (4 for 14). This was the start of Kew's brighter cricket; we regained our self-respect by beating Writtle at Old Deer Park by 4 wickets (D. Ralston 25, H. Bell 4 for 15). Our match with Richmond Nomads in Old Deer Park ended in a draw. On a batsman's pitch Richmond Nomads batted until late and left us 143 runs to win in some 90 minutes. Kew replied with a lively 110 for 8 (J. Maddox 4 for 50, R. Beyer 33, J. Maddox 24 not out).

The Old Kewites Match was a closely fought battle. The "Old Boys" scored 74 runs (K. Scales 17, T. Preston 14, T. Risely 14; R. Hellewell 6 for 34, R. Thomas 2 for 17). The Students fell just short of the mark with 73 (J. Maddox 19, D. Hellewell 17; J. Elsley 6 for 30, K. Scales 3 for 26).

We defeated Wisley at Kew, scoring 78 (B. Croston 40, D. Hellewell 16). Wisley replied with 62 (J. Maddox 5 for 32, B. Croston 3 for 6). We scored an easy victory over John Innes, who were all out for 56 (Croston 3 for 9). Our openers, T. Preston (38) and B. Croston (20), were still not out when 58 runs were on the board and the match was ours.

Ilford Parks beat Kew for the second time scoring 118 (J. Elsley 3 for 19, B. Croston 3 for 29). Kew made 87, thanks to a fine 32 in 30 minutes by R. Thomas and 20 by B. Croston. For the third successive year Cambridge proved too strong for us, scoring 142 (J. Maddox 3 for 47, B. Croston 4 for 36). Kew replied with 112 (R. Thomas 23, B. Croston 20). Kew lost to John Innes at Bayfordbury. They scored 156 for 7 (R. Thomas 5 for 44, B. Croston 2 for 31), and thanks to B. Croston (58) and J. Winter (20), Kew reached a respectable 140. This was our last match of the season as Wisley cancelled our returned fixtures.

Our congratulations must undoubtedly go to Brian Croston who scored valuable runs in every match he played. His average of 27.0 was far above the rest. Roy Thomas topped the bowling averages with 15 wickets at an average of 7.7.

M. J. THERON, *Hon. Secretary.*

ATHLETICS SECTION

KEW-WISLEY RELAY RACE.

This event was run on 7th April, 1962, being started by Mr. F. P. Knight, Director of the R.H.S. Gardens at Wisley. The competing teams were from: R.H.S. Gardens (Wisley), Essex Institute of Agriculture (Writtle), School of Institute of Parks Administration (The Grotto), Hertfordshire Institute of Agriculture (Oaklands), Pershore Institute of Horticulture, and Kew.

The race proved to be one of the fastest for several years. By the end of the first lap (2.75 miles) D. Ralston of Kew was lying second behind Oaklands, but in the second lap (2.95 miles) D. Waddel of Kew was first with Wisley in second place. This is where the battle started in earnest between Kew and Wisley; the other teams lying in 3rd, 4th, 5th and 6th were Writtle, The Grotto, Oaklands and Pershore respectively, these places they maintained throughout the rest of the race. In the third lap of 2.65 miles, J. Gaggini of Kew maintained first place, his time, 15.27 mins., while in the fourth lap Kew's veteran of four Kew-Wisley relays, C. Henderson, returned his fastest time over the 2.95 miles with a time of 16.12 mins. For the fifth lap Kew fielded one of the youngest competitors ever to run in the race, 16-year-old D. Morgan. His fast start to throw off his Wisley opponent failed but this did not deter him from holding his ground. By the end of the fifth lap both sides were level, leaving a sixth lap (2.90 miles) battle between the captains of the two teams (B. Dodds for Kew). Wisley's slight lead over the first quarter mile was wiped off at the first roundabout and both runners were neck and neck for the next two miles. A tactical burst of extra power by Wisley's runner gave him a few yards lead which Kew could not make up. At Kew Green Wisley won the race 20 yards ahead of Kew.

Kew were the hosts at this year's race, providing a slap-up feed for the competitors with a film show to follow. Later there was a dance, when the Director of Kew presented the prizes. Many willing hands went into organising the race, teas and entertainments. The success of the event reflected great credit on all concerned.

B. DODDS, *Hon. Secretary.*

CIVIL SERVICE SPORTS DAY.

This was held at the Civil Service Sports Ground, Chiswick, on Thursday afternoon, 21st June, 1962, Successes were gained in the following events:—

Athletics:—

100 yards, men	...	...	2nd—J. M. Kerr.
100 yards, men, 35-50 years	...	...	3rd—Dr. K. Jones.
220 yards, men	...	...	2nd—J. H. S. Winter.
440 yards, men	...	...	3rd—B. Dodds.
880 yards, men	...	...	3rd—G. Spate.
1 mile, men	...	...	3rd—B. Dodds.

Long Jump, men	...	1st—J. M. Kerr.
		2nd—G. Spate.
High Jump, men	...	2nd—D. Ralston.
4 x 100 yards relay	...	1st—Kew Gardens "B": J. B. Gaggini, J. M. Kerr, A. Barnett and J. H. S. Winter.
		2nd—Kew Gardens "A": D. Ralston, A. Rose, G. Spate and H. Bell.
Tug-of-War	... ..	1st—Kew Gardens Team: M. Theron, P. Brooks, P. Storey, C. Henderson, F. Greenough, A. R. C. Barnett, J. Fitzgerald and G. J. Leaver.

Points were awarded for entries and placings in the above events, the region or organisation with the highest points total being the winners of the Howell-Thomas Cup. The results for this trophy were as follows:—

1st. South Eastern Region	... ..	55 points
2nd. Weybridge Vet. Lab.	... ..	47½ points
3rd. Kew Gardens	... ..	46 points

In the novelty events, successes were gained as follows:—

Sack Race, men	...	C. D. Mason, J. D. Higham and A. J. Mitchell.
Obstacle Race, men	...	A. J. Rose and G. Spate.
Skipping Race, men	...	M. Kelly.
Obstacle Race, ladies	...	Mrs. D. Evans.
Egg and Spoon Race, ladies		Mrs. D. Evans.
3-legged Race, mixed	...	Mr. Gaggini and Mrs. D. Evans.
Wheelbarrow Race, mixed		Mr. and Mrs. D. Evans.

The gardens now hold three of the Ministry's Sports Association Trophies, namely the Tug-of-War Cup (retained for the 3rd year), the Relay Cup and the Long Jump Cup. Thus adding two new ones although losing the Cricket Cup.

ROUND THE GARDENS RACE.

This was held on Tuesday, 2nd October, 1962, the conditions being ideal for running. There were a few more competitors than last year and of a high standard. Having lined up opposite the Orangery, Sir George Taylor started the race. The course was 2.8 miles.

Prizes are awarded as follows : The winning team gains the inter-departmental cup, the winner a silver miniature cup, the second person a silver medal and the third a bronze medal.

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

1st.	Temperate House :			
	D. W. Ralston ...	2nd	14 mins.	16 secs.
	D. Waddell ...	3rd	14 mins.	45 secs.
2nd.	Tropical Department:			
	G. Spate ...	1st	14 mins.	15 secs.
	P. Bridgeman ...	7th	16 mins.	0 secs.
3rd.	Decorative Department :			
	C. Henderson ...	4th	14 mins.	46 secs.
	J. B. Gaggini ...	5th	15 mins.	20 secs.
4th.	Alpine and Herbaceous :			
	J. Elsley ...	6th	15 mins.	53 secs.

CLOG AND APRON RACE.

The race was held on Wednesday, 10th October, 1962, at 5.30 p.m., with the length of the Broad Walk as the course.

Twenty-eight competitors started the course with four female students having a start of one hundred and fifty yards.

The results were :—

1st. G. Spate ; 2nd. J. Elsley ; and 3rd. Miss K. Burlingham.

Thanks are due to Dr. C. R. Metcalfe, President of the Sports and Social Club and to Mr. M. Tyas, Photographic Secretary, who photographed the various races, and also to all others who gave a helping hand, especially in regard to the Kew/Wisley race.

Unfortunately, we have not as yet received the cabinet promised in June of this year, to house the trophies we have won. When it does finally come it will be installed in the library for all to see.

J. B. GAGGINI, *Hon. Secretary.*

MUSIC CIRCLE.

Throughout the year the music circle held their usual fortnightly meetings at the home of Dr. and Mrs. Metcalfe. The circle continues to flourish, providing entertainment and enjoyment for all who attend.

The programme is made to include works of various composers covering the Baroque, Classic, Romantic, and modern periods. It is pleasing to note the interest shown towards the modern Composers. However, the main stimulus is found in the Romantic and Baroque music.

We now look forward to 1963 with a view to introduce into the programme some folklore music which will include African and Asiatic works. We also hope in the New Year to see many new faces coming along to this very active section of the Social Club.

J. D. H. SMITH, *Hon. Secretary.*



ENTRANTS FOR THE CLOG AND APRON RACE,
WEDNESDAY, 10th OCTOBER, 1962.

M. J. Theron, J. B. Gaggini, P. H. Bridgman, D. Morgan, A. J. Mitchell, P. S. Brooks, C. D. Mason, H. Bell, E. R. Bull, M. K. Lee, D. Waddell, C. Popham, R. H. S. Winter, M. H. Dodge, Miss K. Burlingham, Miss M. J. Dennis, Miss J. G. H. Trutch, Miss L. Tickner, M. Bentall, A. D. MacArthur, D. J. Breach, G. Spate, J. A. Maddox, J. R. Woodhams, J. Elsley, D. W. Ralston, A. Armony, A. Wright.



THE WINNERS

First—G. Spate. Second—J. Elsley.
Third—Miss K. Burlingham.

We thank the Editor of *The Herald* for
kindly lending us the blocks.

MOUNTAINEERING CLUB REPORT.

If the support given to the Mountaineering Club continues to be as strong in the future as it has been during the last year I shall be well satisfied.

In all the club has organised fifteen well supported week-end trips to the mountains of North Wales and the Lake District. Certain of the Welsh trips were patronised by members of the Botany Club who had ample opportunity to study the rich arctic/alpine flora of Cwm Idwal.

The highlight of the year was, without doubt, a visit to the Stubai Alps for a course of mountaineering tuition on rock and ice climbing techniques. In the company of qualified Austrian Alpine Club guides we enjoyed a fortnight of climbing, photography and botanising amidst the most beautiful of scenery. Above all the weather was kind, which is more than can be said of some of our Welsh trips of late. Recent visits tell of blizzards, gale force winds, torn tents, flooded camp-sites, dampened climbers, but seldom dampened spirits! On one inclement occasion last September we took the opportunity of visiting the beautiful gardens of Bodnant in the Conway Valley, thus proving that although horticultural mountaineers' heads are usually in the clouds, their hearts remain true to their profession. The final event of the year was a visit to the Lake District for Christmas. For this festive occasion we chose an hotel in preference to our tents.

Climbing is one of the healthiest of activities and, contrary to certain schools of thought, a safe one also, provided those who partake in it have a sense of responsibility and learn to assess their capabilities. Furthermore, due to its non-competitive nature, mountaineering encourages comradeship to a degree that is seldom possible in other athletic activities.

Finally I would like to see the same enthusiasm in the coming year as we have had in 1962, and a welcome is extended to any newcomers to join us in our regular escape to the hills.

A. D. SCHILLING, *Hon. Secretary.*

**THE SEVEN ANNOUNCEMENTS
WHICH FOLLOW ON SUCCEEDING PAGES
ARE IMPORTANT**

PHOTOGRAPHIC SECTION.

Early this season, on the day of the annual Kew-Wisley race, the club organised a showing of the 8mm. film "Wisley Revolution" and a tour of the Royal Botanic Gardens, Kew, on 35mm. slides, taken from the students' collection. The narration was given by R. T. Harrison, Chairman of the Students Association.

The second Photographic Competition for colour transparencies was held this year. First prize in Class I (Horticultural subject) was won by B. J. Salter with a well textured slide of *Camellia* "Donation" on Agfacolor. This prize is given annually by Mr. S. W. Rawlings, A.R.P.S., for the best horticultural transparency submitted by a student. The second prize went to M. Theron with *Meconopsis cambrica* and third prize to K. R. Woolliams with *Strelitzia reginae*. The latter prizes being presented by the club.

First prize Class II (General subject) was taken by M. Theron with a slide titled "Aunt Alice in Wonderland". A delightfully striking slide of an old lady, fumbling for bus pennies at a stop on snow-covered Kew Road, well rendered on Kodak II. The second prize went to A. D. Schilling with "Ballachulish" and a third to J. Elsley with "Eventide", Argyll. All these prizes being presented by the club.

An illustrated talk given by A. D. Schilling on the "Peaks and Flora of the 'Stubai Alpen'" was well supported. He described the experiences of members of the mountaineering club, whilst on a climbing holiday in the Austrian Alps.

Sales of photographic material have been quite satisfactory this season, due in part to the efforts of my representatives, C. D. Sayers and, more recently, J. Winter.

I should like to put on record my thanks to all those who have supported the club during the year.

M. TYAS, *Hon. Secretary.*

THE FUND FOR THE GRANT OF ARMS AND BADGE IS STILL OPEN

IF YOU HAVE NOT SUBSCRIBED
YOU MAY WISH TO DO SO
Certain overheads have still to be met

If interested please send cheque or postal order to the
Hon. Treasurer

WEDDING BELLS.

*"Marriages have been infectious, and we wish every happiness to those in harness. There are rumours of other marriages."**

Mr. M. Evans (Present Student) to Miss Dorothy Elizabeth Margaret Oliver on 24th March, 1962, at St. Mary's Church, Twickenham.

Mr. M. Theron (Present Student) to Miss B. M. Bushell on 7th July, 1962, at St. Anne's Church, Kew Green.

Mr. H. Van de Breggen (1961) to Miss Janet Schurer on 21st April, 1962, at St. Anne's Church, Kew Green.

Mr. D. Low (1961) to Miss Sylvia Walton on 21st July, 1962, at St. Mary's Church, Cottingham East, Yorkshire.

Mr. K. Fellows (Present Student) to Miss P. Couser on 4th August, 1962, at St. Peter's Church, Stretford.

Mr. K. G. Toft (1960) to Miss Beverley Ann Harrington at Crondall Church, Crondall.

Mr. D. Tomlinson (1959) to Miss Deirdre New at St. Mark's Church, Finsbury Park, on 29th September, 1962.

Mr. A. Hart (1958) to Miss J. Forrester at St. Mary's, Willingdon, near Eastbourne, on 18th August, 1962.

Mr. C. L. Baylis (1956) to Miss Paula Tabraham at Burnham on 16th September, 1961.

Mr. T. Deans (1960) to Miss Celia Moore at St. George Street Methodist Church, Burton-on-Trent, on 4th August, 1962.

Mr. A. Henshaw (1960) to Miss Marguerite Angela Beeton at St. Andrew's Church, Hove 3, on 27th October, 1962.

Mr. B. E. Lowe (1961) to Miss Diana Salmon at Holy Trinity Church, Ilford, on 30th June, 1962.

Mr. E. Curtis (1956) to Miss Mary A. Gibson at Edinburgh on 1st September, 1962.

Mr. A. J. Rose (Present Student) to Miss Gillian Ann Barber at St. Paul's Church, Richmond, on 24th March, 1962.

And one which we apologise for not publishing last year : —

Mr. R. J. Beyer (Foreman at Kew) to Miss Margaret Gates at St. Edward's Evenlode, Morton-in-Marsh, Glos., on 21st July, 1961.

* The Journal of the Central African (Uganda) Branch of the Kew Guild 1902, Vol. 1, No. 1, page 20.

THE KEW GUILD ANNUAL DINNER

will be held on

Wednesday, 22nd May, 1963

at

The Chatham Restaurant

Victoria Station, London, S.W.1

6.15 p.m. for 7 p.m.

Dress Optional

**Tickets 26/- each (Student Gardeners 18/- each) from the
Hon. Treasurer**

FLORULA NIDI-PASSERIS.

While pruning in the Australian House in January, 1962, Mr. James (Jock) Slater found a sparrow's nest built in a 30-ft. tree of *Casuarina glauca*. At his suggestion I tried to identify the nesting material employed and list below those recognised. This combination of material from widely separated parts of Australia and Tasmania and from this country may well be unique.

PITTOSPORACEAE.

Billardiera longiflora; the long, wiry shoots were woven with grasses into the main structure of the nest. *Hymenoporum flavum*; dismembered flowers used in the lining.

STERCULIACEAE.

Brachychiton rupestre; several leaves.

LEGUMINOSAE.

Kennedyia prostrata; a few leaves and leaflets.

MYRTACEAE.

Melaleuca armillaris; shoots. *M. wilsonii*; shoots.

COMPOSITAE.

Achillea millefolium; leaves, infrequent. *Hieracium pilosella*; one leaf only.

Olearia sp. (*viscosa* ?); one capitulum only. *Helichrysum* sp.; one capitulum only.

STYLIDIACEAE.

Stylidium adnatum; shoots.

EPACRIDACEAE.

Leucopogon richiei; shoots.

PROTEACEAE.

Grevillea thelemanniana; a few shoot tips. *Grevillea ornithopoda*; leaves and shoots, fairly common.

CASUARINACEAE.

Casuarina glauca (and perhaps other spp.); shoots, frequent.

PALMAE.

Livistona australis; fibres from leaf-bases.

GRAMINEAE.

Agrostis tenuis, *Anthoxanthum odoratum*, *Holcus lanatus*, *Lolium perenne*, *Poa trivialis*, *Trisetum flavescens*; these collectively formed the greater part of the nest.

Other material found in the nest included string, thread, blue wool, tissue paper, downy feathers (Spp. unknown), sweet papers, filter tips and surgical lint.

J. E. S. SOUSTER.

**SUBSCRIPTIONS (15/-)
ARE PAYABLE ON 1st JANUARY
IF YOU HAVE NOT ALREADY PAID
FOR 1963 PLEASE DO SO**

Bankers Order Forms are available on request

It would greatly assist the Hon. Treasurer if Overseas Members
would pay by British Money Orders

KEW COLOURS MOVE INTO INTERNATIONAL CIRCLES.

With three Kewites on the staff of the Department of Agriculture and Fisheries, Bermuda,* it is not surprising to sense a Kew atmosphere within our portals. This atmosphere, springing from a sense of pride and loyalty, activated an interesting chain of events in the latter part of 1961.

Arrangements were completed for the official opening on 29th November, 1961, of our recently completed Garden for the Blind at the Botanical Gardens, Paget, by Lady Gascoigne, the wife of Bermuda's distinguished Governor, Sir Julian A. Gascoigne. During the ceremony Lady Gascoigne cut a ribbon or rather an arrangement of ribbons across the entrance to this Garden. The combination of ribbons was in the Kew colours of Gold, Green and Silver. This arrangement came about by definite purpose and reference was made to it and the association of the department with Kew in the opening speeches. The Kew colours were used to express a symbol of unity between Kew and Bermuda.

In December, 1961, Bermuda was honoured by being chosen as the site for the meeting of President Kennedy and Prime Minister Macmillan. The Conference was held at Government House and arrangements were made for the two leading statesmen each to plant a specimen of *Phoenix canariensis* in the gardens of Government House. The fronds of this Palm are particularly sharp and care must be taken when planting large specimens, to avoid injury to the eyes. With this in mind it was felt wise to bind the fronds in, and we decided on the use of the Kew Ribbon for this purpose also. On the afternoon of Thursday, 21st December, under blue skies and sunshine, in what was officially termed as a modified tree planting ceremony, without use of the spade, the two statesmen put scissors to test upon this ribbon.

Thus Kew Ribbon played a part in a very pleasant ceremony, which helped to cement Anglo-American relations.

D. J. MOORE, *Superintendent,*
Bermuda Botanical Gardens.

* G. R. Groves (1937), D. J. Moore (1956), J. H. Jones (1956).

THE PROUDLOCK TENNIS COMPETITIONS ARE HELD ANNUALLY

Cups for Ladies' and Gentlemen's Singles

Only members of the Kew Guild and their families
are entitled to compete

Entries must be made to the Hon. Secretary by
1st June, 1963

U.C. SOIL MIXES.

Mr. P. A. Chandler's last letter, received in July, 1962, three weeks before his death, contained interesting details of the U.C. soil mixes. We publish the following extract :—

“During the past few years I have noted with interest in the English horticultural journals and the trade magazines the increasing interest in the use of the so-called ‘No-Soil Composts’ or as they are better known U.C. soil mixes. Apparently like in many other areas of the world, the English growers are facing economic difficulties in finding materials to be used for growing plants in containers. But unfortunately, like many other writers and growers, they overlooked the other principles of the U.C. system. This I suppose is understandable to a degree for changes in ideas and concepts have always come about slowly. Therefore, as a contribution to what present and future students are likely to face in this ever competitive field of producing plants, either commercially or for public institutions, I have under separate cover forwarded two copies of Manual 23 ‘The U.C. System for Producing Healthy Container-Grown Plants’, for the students’ library. Trusting that they will be put to good use.”

This work is likely to assume a growing importance for supplies of good friable loams are becoming rapidly exhausted. The ingredients of the basic mix, under the U.C. system, are fine sand and peat moss. Although there are but two basic ingredients in the soil mix, by varying their proportions a wide range of physical properties is obtainable. It is recorded that sawdust may be substituted for all or part of the peat moss. Formulas for fertiliser addition to the basic mix may also be quite numerous but they too follow a simple basic pattern.

It is not surprising that supplies of good loam are “running out” for man has been using this as the main component in composts for container culture for at least 3,500-6,000 years—perhaps “Old Goodman’s Farm” will yet turn to “rich plough land”—?

KEW GUILD CHRISTMAS CARDS

Christmas Cards are available from the
 Hon. Treasurer

Previous Issues — 4d each.

A new Card will be available for this year
 Details will be given later

All cheques and postal orders should be crossed and
 made payable to the Kew Guild

BRUSSELS HERBARIA.

From October 15th-24th, 1962, Mr. J. P. M. Brenan, Principal Scientific Officer, worked at the Jardin Botanique de l'Etat, Brussels, and in the Laboratoire de Botanique Systematique et de Phytogéographie of the Université Libre of Brussels. The herbarium of the Jardin Botanique is unrivalled in its wealth of Congo material. Other collections of special interest from the point of view of Kew are the fine set of Schlieben from Tanganyika, and many specimens collected by Bredo in the Mwero Wantipa region of Northern Rhodesia.

The garden and herbarium will ultimately be in a superb new setting at Meise, a few miles outside Brussels, to which, thanks to the courtesy of the Director, Professor W. Robyns and the Curator, M. L. de Wolf, an Old Kewite who kindly showed him round, Mr. Brenan was enabled to pay a very brief visit. The plants under glass are already there, though their arrangement is not yet completed and the houses are not yet open to the public. There is a hectare (2.47 acres) of glass houses, and the whole site is about the size of Kew. It is expected that the botanists will move to Meise next year, and the herbarium afterwards.

The old garden of Brussels is now a small public park, in which only the trees are of particular interest botanically. The botanical museum is still there, including the exceptionally fine series of dioramas illustrating the various vegetation-zones on Ruwenzori which was prepared under the supervision of Dr. F. Demaret.

The Laboratoire de Botanique Systematique et de Phytogéographie is part of the Institut Botanique Léo Errera, a fine, modern building. Thanks to the kindness of the Director, Professor P. Duvigneaud, Mr. Brenan was enabled to study in the Salle Lucien Hauman, a small laboratory whose title commemorates Professor L. Hauman, eminent for his work on the Botany of Africa and South America. The taxonomy and ecology of the flora of the Katanga is only one of the many aspects of botany that are carried out at this busy teaching and research department of the University. The African part of the herbarium is principally from the Katanga, mainly collected by Professor Duvigneaud and his collaborators, and is especially rich in critical genera. The A.E.T.F.A.T. Library is housed in this Department.

THE ANNUAL GENERAL MEETING AND TEA

will be held on

Saturday, 31st August, 1963

at

KEW (entrance at Melon Yard Gate)

MEETING to commence at approximately 2.45 p.m.

TEA at approximately 4.15 p.m.

Notification will be made by post well before the event

KEW GUILD RECORDS SECTION.

The appeal to members in our last issue who wished to obtain back numbers of the *Kew Guild Journal* has brought in only two requests for complete sets, and some twenty-eight individual *Journals*. It is rather surprising that so few Kewites wish to obtain these back numbers with their wealth of information. Should you by any chance be having second thoughts about this, and wish to purchase some of these back numbers, the price remains the same as stated on page 25 of the 1961 issue. Vol. VIII, No. LXVI.

The appeal for photographic records has also been very disappointing, not one Old Kewite had sufficient interest in the Guild to send us records of the past. During the year only three photographs have been added to the collection and these were presented by members of our present staff. The total number of photographs now held by the Guild is 343.

As we wish to dispose of our large stocks of back numbers of the *Guild Journal*, may we again appeal to all Old Kewites to send in their requests to me, C/o The Royal Botanic Garden, Kew, Richmond, Surrey, and I can assure you that they will be dealt with immediately.

S. W. RAWLINGS, *Records Officer*.

“If there are any major omissions please return direct to me but if not show it to Brown (the Editor) before returning to me for typing. Don't leave it with Brown—‘Can I borrow this? I'll let you have back tomorrow’—as usually when he says 24 hours its means 2 months!” (Left (it is hoped) in error on the back of an article sent in for publication.)

**BACK NUMBERS
OF
“KEW GUILD JOURNAL”**

These are available at the following rates:—

1893 – 1950	...	2/6d. each
1951 – 1961	...	7/6d. each

Enquiries should be made to Mr. S. W. Rawlings,
Kew Guild Records Officer

THE FUTURE OF KEW ?

It was in the year 2063 A.D. that the Ministry of Synthetic Food and Fun [which had superseded the obsolete Ministry of Agriculture, Fisheries and Food] decided to retain Kew Gardens as an Ancient Monument, in which real plants would be grown as curiosities. This decision made the Gardens a great attraction for visitors, since it was the only open space left in Britain. The rest of the country had been built over with offices and blocks of flats and motorways to serve the population, which had reached the appalling figure of five hundred million.

Owing to the prevailing fiscal system governing family allowances, the less intelligent had been encouraged to breed profusely, and reared on a mental diet of tabloid "newspapers" and the "telly", were completely devoid of any aesthetic sensibility and culture. Hence, there was very little opposition when the Planners decided in the interest of economy to cover the whole 300 acres of Kew Gardens with concrete and build thereon a large building, in which to house plastic replicas of the real plants. The latter were sent to "underdeveloped" countries. To enhance the effect, plastic dummies of curators, gardeners, students and botanists were installed in various appropriate positions.

Two effects resulted from this arrangement, one physical, the other psychological. People also complained of tired feet, so it was arranged that they could drive straight in and around without alighting from their cars. They also complained that the place was too quiet, so in order to make them "feel at home", loud speakers were stationed at frequent intervals, from which, at full blast, the latest "Pop" tunes were broadcast, liberally interspersed with advertisements, which paid for it all, and made it justifiable, according to the prevailing mental outlook of the day.

Since plastic plants had superseded the products of nature, there was no point in retaining the dried specimens of the latter; the Herbarium was therefore declared redundant, the three wings being devoted to the purposes of a restaurant ("chips with everything"), a "Bingo" Hall, and a Ten-Pin Alley, smoking being allowed.

But time eventually took its inevitable toll. Owing to the fact that people rarely left their cars, muscular atrophy of the legs set in, and as a result traffic jams occurred, making the entrances impassable.

The Planners decided therefore to close Kew Gardens and televise the plastic specimens instead. To a nation indoctrinated and conditioned to slogans this was quite simple. They issued a slogan "Don't go to Kew; We bring Kew to You". So the people believed that this was what they wanted all along, and stayed at home and saw Kew on the "Telly".

What happened to the Gardens? You ask. Well, the enormous building was used as a car park for a few years, until helicopters became a "status symbol", when it rapidly fell into decay, until only the concrete floor remained.

Long, long afterwards, under the influence of wind, frost, rain, and sun, a fissure appeared in that vast concrete wilderness, and in that fissure appeared, shyly and humbly, but with superb confidence—a single blade of grass.

E. W. MACDONALD.

The Editor's comments upon this article will be given in Vol. XVII, No. CLXV.—Ed.

AT KEW 100 YEARS AGO.

"Everything went well at the Herbarium until the Autumn of 1862"*—Mr. W. Botting Hemsley, F.R.S., Keeper of the Herbarium from 1899 to 1908, had started in the Gardens in September, 1860, at the age of 17. Sir William Hooker was the Director and Mr. Smith (Old Jock) the Curator. In February, 1861, Hemsley was transferred to the Herbarium. Thus to quote—"Everything went well at the Herbarium until the Autumn of 1862, when I was most unexpectedly told that I should have to return to the Gardens. Up to that time I had been paid as a young gardener, and Mr. Smith insisted upon having garden work out of me. I was placed in charge of No. 15 stove, recently vacated by a German, whose name I in charity withhold, for he had sadly neglected the plants, which were teeming with mealy-bug and scale. I made a list of the plants in this house, and this list I still possess; it contains 352 species belonging to 215 genera. Soon after this I returned to the Herbarium, though I did not receive a definite Civil Service appointment until June, 1865".

* *Kew Guild Journal* 1893, Vol. 1, No. 1, p. 37. "Early Reminiscences of Kew" by W. Botting Hemsley.

KEWITES AS AUTHORS.

STELLA ROSS-CRAIG.

"Drawings of British Plants"—Part XVII. *Compositae* (3).

Bell (1962). 10s. 6d.

HOWES, F. N. (joint author)

Gerbstoffe. Tanning materials.

(Die Rohstoffe des Pflanzenreiche. 5 Aufl. Lfg. 1).

Cramer (1962). DM. 80.

Flora of Tropical East Africa.

SUSAN CARTER (Mrs. Holmes). *Taccaceae*.

Crown Agents (1962). 1s. 6d.

Actual Comments which have been founded or noted from letters or material sent to the Editor during 1962.

Veitch's Nursery—"spawned so many lovely things."

W. ING.

"Those who go round in circles may some day become a big wheel."

W. ING.

THE ARBORETUM NURSERY, 1962.

To celebrate the Coronation of King George VI on April 29th, 1937, a hedge of *Taxus media* var. *hicksii* was planted in the Arboretum Nursery. The reverse of the lead label is inscribed as below :—

PLANTED
 APRIL 29. 37
 COATES
 HOGG
 MENZIES
 ENGLAND
 EWART
 N. ZEALAND
 WALKER
 TASMANIA
 FORDHAM
 U.S.A.
 LANGHAM
 CANADA

It is now a fine hedge, 3 ft. in height and width. Not much "progress" during 25 years! But this is not true of the Arboretum Nursery in general.

Although the surrounding hedge of holly still protects the nursery from the curiosity of outsiders, the internal hedges have been replaced by other subjects. These include *Podocarpus andinus*, x *Cupressocyparis leylandii*, *Metasequoia glyptostroboides*, and a row of fifteen different varieties of *Chamaecyparis lawsoniana*. The latter planting, in addition to its shelter value, serves for identification, and for the provision of a ready source of material for propagating purposes.

In addition to the formal hedge of *Metasequoia* which is clipped to a height of 4 ft. there is a row of "free" growing specimens which were raised from the original batch of seed imported into this country from China via the Arnold Arboretum, U.S.A., in 1948. They average 20 ft. in height and prove ideal for screen and shade purposes for the nearby rhododendron beds. The remainder of the privet hedges are gradually being replaced.

A mist propagation unit has been installed but the older methods of rooting are still practised. Many Old Kewites will be interested to learn that the ericas, which are propagated annually at Kew, are still rooted outdoor under bell jars. One innovation is the use of a plastic lantern cloche which covers approximately four square feet. It has proved to be very satisfactory apart from the fact that weighting down is necessary to avoid dislodgement during windy weather. Finally, on the subject of propagation, a Dunnemann Frame has been constructed and is in use for raising conifers from seed. In order to assist in inspection a plate glass panel has been fitted to one side of the bed for observation.

As a measure to improve the condition of the soil, an area has been sown down to rye grass and it is intended to continue with this through the nursery in rotation. The benefit to the soil is already noticeable, for there is a great improvement in soil texture, over the area so treated. The sowing was made in the spring, 1962, and was left to mature throughout the remainder of the season. Three cuts were necessary.

Weed control is also connected with the soil. In addition to frequent hoeing extensive use has been made of spent hops for mulching. Chemicals have also been used including Simazine, which has given promising results. Due to its non-selective action the use of this particular chemical is restricted to established shrubs.

R. T. HARRISON.

LIVE PLANTS IN THE MUSEUM

For much of 1962, there was a display of British Wild Plants in the General Museum (No. 1) and more than 600 species were shown on the Plant Table and in the Terrarium or "Moss Box". Of course, much of the material duplicated that shown in 1961, but a surprising number of new species were sent in, and there were others, naturally, which were not received this year. Mr. Jewell left in the spring, and from then on, the help given by the Herbarium in checking names was even more vital than before; thanks are due especially to the European Department for their patience and helpfulness. Material was again sent in by regular correspondents living in different parts of the country, and this, supplemented by the very welcome collections of Staff and Students, enabled the display to be kept going for eight months.

The main display was followed by a small exhibit showing autumn colouring in some British and common alien trees: in the fullness of time this turned itself into an exhibit of winter twigs.

It was decided to have an exhibit of some of the plants used here and abroad for decorating at Christmastime. The Arboretum and Temperate House kindly provided most of the material, but there were surprising additions, such as the *Blandfordias* from Tasmania and the *Proteas* from South Africa. South Africa House were asked if they had any pictures we could use, and offered us the flowers as well, which had been sent over for a reception!

It should be emphasised how grateful the Museum Staff are for the help received from the Staff and Students in keeping up the Plant Table and the "Moss Box", and we hope sincerely that they will continue to help in this way. All contributions, other than great rarities, gratefully received.

ROSEMARY ANGEL.

OVER THE GARDENS WALL.

How often has an Old Kewite called attention to the fact that whilst at Kew he used to lodge in Gloucester, Priory or Bushwood Road? Yet these roads which were once looked upon as a second home are fast changing. Houses are being demolished and luxury flats are springing up in their place.

An 18-storey block, 179 feet high at its highest point, has been proposed on the site of the old Topiary in Stanmore Road. It would be 15 ft. higher than the Pagoda which would be about 1,000 feet away. There has been a public enquiry and the Minister's decision will be announced later.

To quote from the *Journal* of 1895* "The Garden is now, in fact, surrounded by a belt of houses, although it is fortunate that the Old Deer Park, the Syon House property, and all the river keep the builder at bay on their sides. Long may they do so!"

The local Kew Cricket Club plan to build a cedar-faced pavilion among the trees on the north-east corner of the Green. Before building can start, permission has to be granted by the Ministry of Works because Kew Green is Crown Land.

The Smoke Control areas are extending. Richmond is to be smokeless by 1968, Twickenham 1969, Kingston in 1970 and Ealing in 1974.

In January the Duke of Northumberland applied to the local town planning committee for permission to extract sand and gravel from about 22.5 acres of land in Syon Park between the lake and the drive leading to Syon House from the Park Road entrance. The County Council accepted the committee's recommendation to refuse permission. The Duke appealed against this decision and a planning enquiry was held in March. During August the findings of the Inspector were revealed by the Ministry of Housing and the decision to refuse permission was upheld..

One of the reasons given was that the gravel pit would interfere with the character and setting of the park. Those responsible are to be commended upon this decision which will fall into line with the feelings and views of those who appreciate beauty and historical associations.

One of the most famous views is looking from the Gardens at the west end of the vista across the river towards Syon House itself. This fine view was the work of 'Capability' Brown who was also responsible for the demolition of the high wall which once hid most of the house from view, with the exception of the castellated upper storey. This work was completed in 1773.

Just to the north-east of Syon House the Battle of Brentford was fought in 1642.

The area generally is rich in high quality gravel, a fact which must have been all too apparent in dry summers to generations of gardeners at Kew. It is also worth remembering that some of the material removed in the excavation of the Lake was utilised to make the 15 or 16 miles of paths through the Gardens—an indication of its nature and suitability.

* *Kew Guild Journal* 1895, No. III, p. 9.

THE PROUDLOCK PRIZE FUND

RECEIPTS		£	s.	d.	EXPENDITURE		£	s.	d.	
Balance from 1961 a/c. ...	...	7	13	5	Prize awarded to Mr. C. D.	...	...	...	...
Dividends on £25 4% Funding Loan	...	1	0	0	Sayers ... ..	...	...	3	3	0
Interest on Post Office Savings Bank	...	0	2	10	Balance in Post Office Savings Bank	...	...	5	13	3
		<u>£8 16 3</u>					<u>£8 16 3</u>			

(Assets—£25 4% Funding Loan and Balance in Bank, £5 13s. 3d.)

THE BENEVOLENT FUND

RECEIPTS		£	s.	d.	EXPENDITURE		£	s.	d.	
Balance from 1961 a/c.	107	2	9	Donation of £5 5s. 0d. to an Old	...	...	5	5	0
Receipts or donations	8	13	0	Kewite ... ..	...	...	10	0	0
Interest on Post Office Savings Bank	...	2	10	9	Donation of £10 0s. 0d. to an	...	...	10	0	0
		<u>£118 6 6</u>			Old Kewite ... ..	...	...	103	1	6
		<u>£118 6 6</u>			Balance in Post Office Savings Bank	...	...	<u>£118 6 6</u>		

KEW GUILD WAR MEMORIAL FUND

RECEIPTS		£	s.	d.	EXPENDITURE		£	s.	d.	
Balance from 1961 a/c.	19	12	0	Nil ... ..	...	...	20	1	6
Interest on Post Office Savings Bank	...	0	9	6	Balance in Post Office Savings Bank	...	...	<u>£20 1 6</u>		
		<u>£20 1 6</u>					<u>£20 1 6</u>			

KEW GUILD DINNER, 23rd MAY, 1962

RECEIPTS		£	s.	d.	EXPENDITURE		£	s.	d.	
Sale of Tickets—					189 Dinners at 18/- each	...	...	170	2	0
30 at 12/6 each...	18	15	0	5 Sandwiches at 1/6 each	...	...	0	7	6
22 at 15/- each...	16	10	0	10% Gratuities ... ..	...	...	17	1	0
132 at 23/- each...	151	16	0	Guests' drinks ... ..	...	...	1	17	8
4 Guests	—	—	—	Performing Rights ... ..	...	...	0	10	6
Doorman	—	—	—	Doorman's fee ... ..	...	...	1	5	0
Committee donation for cost of	...	—	—	—	1,000 Circular letters	...	...	1	18	0
Dance Band, etc.	16	0	0	200 Menu Cards ... ..	...	...	2	10	0
Deficit	6	17	2	250 Dinner tickets ... ..	...	...	0	13	6
		<u>£209 18 2</u>			Cost of Band ... ..	...	...	<u>£209 18 2</u>		

KEW GUILD TEA, held at Kew, SATURDAY, 25th AUGUST, 1962

RECEIPTS		£	s.	d.	EXPENDITURE		£	s.	d.	
90 Members paid 3/6 each for tea	...	15	15	0	To John Gardner (Caterers), Ltd.—	...	...	15	15	0
		<u>£15 15 0</u>			90 teas at 3/6 each ...	...	...	<u>£15 15 0</u>		

KEW GUILD JUBILEE PERMANENT SECURITY FUND

RECEIPTS		£	s.	d.	EXPENDITURE		£	s.	d.	
Carried forward from 1961 a/c.	...	1,077	3	5	Invested—	...	...	295	0	0
Donation from one member	...	1	0	0	3% Defence Bonds ... ..	...	...	220	0	0
		<u>£1,078 3 5</u>			3½% Defence Bonds ... ..	...	...	395	0	0
		<u>£1,078 3 5</u>			4½% Defence Bonds ... ..	...	...	165	0	0
		<u>£1,078 3 5</u>			5% Defence Bonds ... ..	...	...	2	3	5
		<u>£1,078 3 5</u>			Barclays Bank ... ..	...	...	1	0	0
		<u>£1,078 3 5</u>			Cash in hand ... ..	...	...	<u>£1,078 3 5</u>		

KEW GUILD CHRISTMAS CARDS, SALES FOR 1962

RECEIPTS		£	s.	d.	EXPENDITURE		£	s.	d.	
1,943 New Cards at 4d. each	...	32	7	8	2,000 Greeting Cards ... ..	...	...	18	17	6
562 Old Cards at 4d. each	...	9	7	4	2,000 Envelopes ... ..	...	...	3	18	0
94 Old Cards at 6d. each	...	2	7	0	Block ... ..	...	...	2	10	0
516 Old Cards at 3d. each	...	6	9	0	Purchase tax (inclusive) ... ..	...	...	4	4	11
		<u>£50 11 0</u>			Student Gardeners' Association	...	...	10	10	4
		<u>£50 11 0</u>			Balance ... ..	...	...	10	10	3
		<u>£50 11 0</u>					<u>£50 11 0</u>			

GRANT FOR ARMS AND BADGE FUND

RECEIPTS		£	s.	d.	EXPENDITURE		£	s.	d.	
1961 Receipts	139	12	0	1961 Expenditure ... ..	...	...	220	0	0
1962 Receipts	172	16	3	1962 Expenditure ... ..	...	...	—	—	—
		<u>£312 8 3</u>			Balance ... ..	...	...	92	8	3
		<u>£312 8 3</u>					<u>£312 8 3</u>			

Audited and found correct—A. S. WOODWARD and S. A. PEARCE, Hon. Auditors.

KEW, ITS WEATHER AND PLANTS IN 1962.

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

Robert Louis Stevenson.

The year opened with Kew under snow and with the country at large in the grip of cold weather, but this soon gave way to warmer conditions and the soil on the whole was in reasonably good condition for working and planting generally. The first few Snowdrops were out in flower by the Clematis Wall on 19th January; by mid-February the first hint of spring was very apparent. On the 16th February high winds and gales were recorded and resulted in considerable damage.

Towards the end of February the winds became progressively colder, shrivelling all but the hardiest of flowers. Amongst the latter were the hellebores, in particular, *Helleborus lividus* ‘*corsicus*’ was particularly striking planted in bold groups among the lilacs in the Duke’s Garden. The weather generally deteriorated until blizzard conditions prevailed on the 26th February, but the month generally gave more sun than is usual, with an extremely sparse rainfall, a factor which weighed heavily against good early growth amongst established trees later.

Early hopes for a good spring did not materialise and March was finally put on record as the coldest for 70 years. April was heralded in with just a meagre sprinkling of early daffodils. *Lindera praecox* was flowering well against a wall with its pale yellow umbels, while plants of *Viburnum fragrans* ‘Farrers Pink’ were outstanding. Without doubt it was considerably more comfortable to feast one’s eyes upon the heavy pollen-laden panicles of *Pandanus utilis* in the tropical atmosphere of the Palm House, and to speculate upon the economic future of the plant in this plastic and nylon age, than to stand in the icy winds as a witness to the brave struggles of early flowering shrubs, as they endeavoured to keep to the calendar in a late and rather bleak season.

Meteorologists were puzzled by the persistence of the cold northerly winds which had blown over the British Isles since mid-February, with only a two-day break. They stated that they arose from high pressure conditions over Greenland, but knowledge of the cause of these conditions was little comfort as we viewed the large-leaved rhododendrons swaying, rocking and then stirring uneasily in the dry, cold winds. The rainfall was less than average. However, spring flooded in as the anti-cyclone system weakened and with a recorded temperature of 65° F. in the Gardens on Easter Sunday and Monday (22nd and 23rd April), visitors had the pleasure of seeing Kew in delightful shades of greenery, broken with splashes of colour and with the pair of black swans on the lake, proudly escorting five very active, hungry, and ‘sweet little’ cygnets.

So into “rosy-footed May”. The bluebells were at their best during the weekend 19th-20th May, but the weather was rough and

windy, a prelude to the cold N.E. wind which again became established as a persistent high-pressure system settled over the Icelandic Regions. This brought temperatures down to record levels and the summer bedding was set out under very trying conditions.

June, too, was exceptionally cold with a rainfall of 0.35 in., nearly 1.5 in. below normal. The magnolias put up a brave but late display during May and June. Many were outstanding, but *M. campbellii*, the "Carmen" of Magnolias, behaved rather oddly. The deep coloured form by Unicorn Gate was without a flower while the paler specimen by the Azalea Garden flowered very freely. The Rock Garden too was very showy in late June. Such plants as *Campanula garganica* and *Gypsophila repens* 'Letchworth' were sheets of colour and blossom, while *Coronilla cappadocica*, forming a low extensive clump, was covered by hundreds of bright yellow leguminous flowers. Of the wall shrubs, perhaps the most outstanding was *Schizophragma integrifolia*. At this period the plant on the East wall of Cambridge Cottage, opposite to the Herb Garden, was dripping with its large white spatulate bracts.

Over the years there has been a marked tendency for the weather in August to be unsettled. The Bank Holiday on the 6th was the wettest in 11 years in the South and it was the coldest of this century with a maximum temperature at Kew of 50° F. On the following day there occurred the coldest 1 p.m. temperature for any August since records began at the London Meteorological Office in 1940, it was only 53° F. The warmest day of the month was on the 19th when a maximum of 76° F. was recorded at Kew.

September, too, brought phenomenal weather. On the 12th heavy overnight rain and wind caused floods in many parts of the country, while the Gardens were again swept by gales which reached 69 m.p.h. As early as the 16th snow fell for a few minutes at Oxted, a few miles from Kew. In temperatures generally low for September, *Aesculus neglecta erythroblastus* provided the first splash of autumn colour which was at its best on the 23rd. Shortly afterwards *Vitis quinquefolia* turned to brilliant but warm shades of yellow and scarlet. Hastily and with some regret one turned to the Erica Garden in an attempt to grasp what little remained of the summer flowers, which seemed to have faded all too quickly. Here *Calluna vulgaris* 'tomentosa', possibly the finest white variety, was still spectacular with slender spikes well furnished with myriads of white blossoms of the purest shade imaginable. But coloured foliage became the feature of the season and everywhere exciting and spectacular tones developed. In mid-October the foliage of *Amelanchier amabilis* glowed orange-red while as a contrast a nearby tree of *Sorbus foliolosa* A.M. var. produced large corymbs of pale yellow fruits set against contrasting brown-red foliage. Earlier in the month the weather was dominated by an anti-cyclone system resulting in dry conditions. The drought was intensified to such an extent that the woodland rhododendrons

were flagging in late October when irrigation again became necessary. The male cones formed on many cedars in such quantities that a dull red glow covered many branches while the pollen left the trees in clouds which hung momentarily in the still air as the sun faded daily into the gloom of autumn mists and fog.

October went out with a white frost which was followed on 1st November by wind and rain. The leaves fell rapidly, thus setting stage for the harsh and long winter which was to follow. After a dismal day of cold drizzle on the 9th the establishment of an anti-cyclone system resulted in a tendency towards colder weather. Mild air was lost as easterly winds brought much colder air from Russia. Totals of rain and snow were below the average for the month and it was the driest November at Kew for four years.

On the night of 15th December severe gales were experienced and a number of trees were blown down including the large Lombardy Poplar on the South-east corner of the Aquatic Garden, a notable landmark and well known to many generations of Kewites. On Christmas Eve biting winds from Siberia made it, coupled with last year, the coldest Christmas Eve of the century, while Christmas Day itself was the coldest for 18 years in Kew. But worse was to follow and on the night of the 29th a blizzard swept the country, leaving Kew under a thick covering of snow on New Year's Day for the second consecutive year.

The task of compiling the list—"Plants in Bloom in the Open at Kew on December 31st" was again impossible.

Briefly it was a year of persistent cold spells with little to be written in its favour.

RAINFALL AND TEMPERATURE READINGS FOR KEW IN THE YEAR 1962.

Month 1962	Rainfall in Inches	Temperature (in Fahrenheit)		
		Maximum Av.	Minimum Av.	Grass Av.
January ...	2.88	47.80°	35.29°	28.32°
February ...	.61	47.17°	35.47°	27.96°
March ...	1.45	46.32°	30.68°	24.42°
April ...	1.91	56.33°	40.07°	34.60°
May ...	1.75	61.13°	44.48°	41.32°
June ...	.35	69.23°	49.03°	46.47°
July ...	2.56	69.00°	52.90°	48.84°
August ...	2.12	68.84°	52.45°	47.03°
September ...	3.11	65.33°	48.37°	44.16°
October ...	2.05	60.87°	44.03°	40.03°
November ...	1.98	48.80°	37.87°	33.67°
December ...	1.13	41.58°	29.66°	26.29°
Total ...	21.90			

A REMARKABLE NEW GENUS OF PHALLOIDS IN LANCASHIRE AND EAST AFRICA.

Several years ago there was received at the herbarium from Lancashire a single specimen determined by its collector as *Queletia* sp. Now *Queletia* is a remarkable and very rare genus of Gasteromycetes and a cursory examination sufficed to show that this provisional naming could not be sustained but, in view of the scanty nature of the collection no action was taken at that time. Recently, however, two further fine specimens of what is evidently the same object have been received from a comparable environment in East Africa and it seems desirable to place the circumstances on record for the benefit of students.

The unopened fruit body evidently closely resembles certain small, hard but elastic, spheres employed by the Caledonians* in certain tribal rites, practised at all seasons of the year in enclosures of partially mown grass set apart for the purpose. The diameter of the volva is approximately 3 cm., its surface smooth or regularly furrowed, becoming much wrinkled after dehiscence, its texture extremely hard and tough. A gelatinous stratum, so characteristic of other phalloids, is wanting. The appearance and texture of the immature gleba is still unknown but at maturity it is extruded as a column, thickly set with short strap-like processes of an elastic consistency, each scarcely 1 cm. long and 1.5 mm. wide, abruptly truncated at the free end. As with other phalloids, there is a strong and distinctive odour, in this instance not unpleasant and identified independently by several observers as reminiscent of old or heated india-rubber. This is probably a reliable and important diagnostic character. Taste not recorded but probably mild; the fruit bodies are unlikely to be toxic but may well prove inedible from their texture. Spores have not been recovered and the means of reproduction therefore remains unknown.

A profane hand has annotated the collector's note with the African collection "Balls" but it is, we venture to think, possible to be more precise and to propose a definitive name for these distinctive bodies. With unusual but praiseworthy modesty the collectors of this remarkable new genus desire to remain anonymous and it has thus been inappropriate to commemorate either of them in the name here proposed for it. A brief technical *descriptio generico-specifica* follows:—

Golfballia ambusta gen. et spec. nov.

Volva immatura globosa, glabra, alba, 3 cm. diametro.
Stipes gracilis, flaccidus, in lacinias reguares disruptus.
Pileo carens. *Sporis* ignotis. Odore grata, "Caoutchouc" in mentem revocat.

* A primitive tribe of the Highland Zone. See my ethnological researches *Twelve years hard in darkest Caledonia*. Kew, ined.

Hab. : locis graminosis apricis in Africa (Typus) et Britannia.

"Specimens dotted about on the blackened ground between new grass tufts, prostrate." Short green grass soon after fire, in wet savannah. Kitale, Trans Nzoia, 6,200 ft. s.m., April, 1962. A.B. 2360. (Typus). Golf links, Crosby, Lancashire, 25.3.1953, Y.Z. s.n.

Some critics may object that the absence of any gelatinous or mucilaginous tissue precludes reference of *Golfballia* to the Phalloids and that a dry gleba suggests rather affinity with the *Secotiaceae*. It will suffice to point out that the species is known only in the dried state and that evidence of a considerable degree of elasticity in the gleba still persists in that condition. Moreover there is no indication that the plate-like processes disposed along the column are homologous with the lamellae of the *Secotiaceae*. The fungus may, indeed, prove to have been described upside down or, in the terms of our most expressive mother tongue "Backside foremost" but contretemps of this kind are commonplaces of mycological history. Candour, however, compels the confession that *Golfballia* remains for the present disposed at Kew amongst the *genera incertae sedis*.

R. W. G. DENNIS.

In correspondence sent in to the Gardens.

"My wife is growing an orange tree from a pip. Please send Cultural leaflet to keep her quiet."

"My local nurseryman believes it is called Sparkling Junction, but I would like to feel certain before ordering a number of them."

The plant was *Spartium junceum*!

"I understand you have produced a new hybrid—Cupressus O.C. Paris lelandi."

The plant was *Cupressocyparis leylandii*!

"His spelling on the list is appalling but I think you can make out what is intended."

Visitor to Kew remarking to Student Gardeners on the crowded conditions in show-house on August Bank Holiday:—

"It looks like a zoo in there."

Student:—

"Yes, but the Students are not allowed to feed the public!"

CHANGES AT KEW

Old Kewites who have not had an opportunity to visit the Gardens for some time would be very struck by the changes going on if they were able to visit it at the present time.

The Melon Yard is one of the principal centres of operations. Here the Jodrell Laboratory and the famous Iron Room (or should it be "infamous"?) are being pulled down to make room for a new building.¹ This will incorporate not only increased laboratory space, but classrooms and common room for the students and a modern lecture theatre.

The extra laboratory space is needed to house the new lines of research being undertaken at Kew. The cytogeneticist (Dr. Keith Jones) and his team are already here² and the anatomy team under Dr. Metcalfe has been augmented. The physiology team cannot be appointed until the new accommodation is available.

There will be no tears shed at the demise of the Iron Room, through which so many generations of students have passed. Lectures for students are being given for the time being in Museum II, which has been closed to the public for some time.

The new laboratory and lecture theatre block will be in the shape of a "T", the lecture theatre forming the leg of the "T". It extends over the site of House 17F, one of the houses used by the Decorative Department. This house has been moved to another site in the Melon Yard formerly occupied by pits numbered 18E and F.

At the same time as the new block is erected a new gate is to be opened on to the Kew Road to replace the present Curator's gate, which is uncomfortably close to the traffic lights. The new gate will be in the Kew Road wall approximately opposite Museum II. The sheds and bays along the wall at that point used by the Alpine Department will be demolished so that the gate can be set in from the road to reduce interference with traffic by vehicles turning in, to provide an approach to the new building, and some car parking space. Further along the wall towards the old gate, a transformer station is being built to provide adequate current for the new building and existing soil bays will be adapted to provide in part for what is being displaced further along the wall.

Apart from the changes being brought about by the new building there are a number of other improvements which have been effected in the Melon Yard in the past three years which would strike the returning Kewite. An upper storey has been added to the old stores building and messroom. This is occupied partly by an extension of the room used for the gardens stores, which had outgrown their accommodation, and is partly being used to house the cytogeneticist and his team while the new laboratory is being erected. The accommodation for the men employed in the Decorative Department and the Arboretum North has been rebuilt and greatly improved by the provision of lockers, drying facilities and additional storage space for tools. Descanso House itself has had some changes made internally and the upper floors are being used temporarily to house Dr. Metcalfe and his anatomy team.

These are not the end of the changes to be brought about in the Melon Yard. Many of the glasshouses in the Yard are old and need replacement so that they will have to be rebuilt anyway, but it has been evident for some years that the Yard would have to be replanned on modern lines and some of the work now done there moved elsewhere if serious difficulty is not to arise. The Tropical Department collections have been greatly augmented of recent years and the Tropical Pits are almost literally bursting out of their accommodation. The new scientists will also need glasshouse accommodation to support their work. The most convenient place for this is the Melon Yard, and indeed, one house has already been allocated for the use of the cytogeneticist. In addition, the Decorative Department has taken on additional commitments, outlined later on in this article.

Only one solution to this problem seemed feasible—to move the Decorative Department nursery work lock, stock and barrel down to the

Lower Nursery and rebuild the Melon Yard houses to serve the Tropical Department and the scientists. Action has already begun. One house and several hundred feet of frames have already been completed in the Lower Nursery and are in occupation. Two more glasshouses are to be erected shortly. Eventually, as finance is forthcoming, a completely self-contained unit will be erected there. The whole project will take a number of years to complete. Until it is well on the way, the rebuilding of the Melon Yard glasshouses to a revised plan will not be feasible. Again, too, this project will depend upon the necessary finance being forthcoming and the work will probably have to be spread over a number of years.

The Departments in the Melon Yard are not the only ones pressed to their limits of accommodation. The Alpine and Herbaceous Department is similarly restricted, and here the difficulty is not easy to resolve because the Department could not very well be moved from its present place in the Alpine Yard behind Museum II as this is full up.

The pressure on this Department arises not only from the considerable augmentation of its collections in recent years, but also from its increased commitments. The north end of the rock garden has been reconstructed in Sussex sandstone and enlarged.³ There has been considerable development in the modern shrub border style around the base of the Mound and the area adjacent to Cumberland Gate. Scree beds have been constructed in the area south of the "T" Range. All these changes have required the raising of increased stocks and increased the commitment for replacements.

Some easing of the pressure for space on this Department has been effected within the Alpine Yard, by converting House 25A from a pit to a house above ground and rebuilding House 24 enlarged as much as space allowed. An additional set of frames has been provided in the Lower Nursery to facilitate dealing with the lily collection. But this Department has lost storage accommodation along the Kew Road wall as a result of the new laboratory and although a temporary hut and soil bays have been provided for the time being on vacant spots in the Melon Yard, there is no doubt that some better arrangements will have to be made eventually.

Working conditions for the men in the Alpine and Herbaceous Department have been improved by making the whole of the lean-to building in the Alpine Yard behind Museum II available to that Department. The museum craftsmen's workshop has been moved from this building into the Museum itself. This will enable lockers, drying facilities, etc., to be made available and increase considerably the space which can be used for potting, etc.

If the returning Kewite were now to move on from the Melon Yard and Alpine Yard area to the "T" Range he would find more changes have taken place although these are not so self-evident. No collections have been more greatly increased in recent years than those of the orchid section, and to house these several of the "T" Range houses and the potting sheds have been or are being rebuilt and enlarged, and new houses are planned for the "T" Range yard.⁴

A more striking development (again, if finance is forthcoming) is planned for the future which will greatly affect the "T" Range. One of the deficiencies of Kew has been the lack of suitable accommodation for economic plants (apart from those which are part of the Palm House and other collections). Houses 11 and 12 which are devoted to such plants are neither large enough in area to accommodate such an assembly as Kew, in view of its past history, ought to show, or high enough to allow of the plants to reach a reasonable stature. Most of them have to be drastically cut periodically to keep them within bounds.

In due course it is hoped to build a separate and much higher house which will enable a greater selection of economic plants to be grown and will permit those which are trees or large shrubs to assume more natural proportions. This project is at no more than the planning stage at the time of writing and the shape of the final arrangements has not yet

become clear. It seems likely, however, that the need for improved accommodation for economic plants will be combined with the necessity now upon Kew to rebuild the Tropical Water Lily House (House No. 15) which is contemporaneous with the Palm House and which is becoming so decrepit that it must soon be replaced. The new combined house, which would be of considerable size and designed as an architectural feature, would probably be erected to the north of the Palm House on a site including that of the present House 15 and with its longitudinal axis in line with the long axis of the Palm House.

The removal of the economic plants from Houses 11 and 12 would allow a readjustment of the remaining contents of the "T" Range. Among other things, the collection of South African ericas in House No. 7 has been greatly increased lately and the extra space would enable a much greater range to be shown.

Turning from the "T" Range to the Ferneries block, the returning Kewite would find that House No. 4 (the Conservatory) and House No. 3 (Temperate Ferns) presented an unfamiliar appearance, both having been rebuilt in a new style.

The opportunity has been taken, in rebuilding House No. 3, to enlarge it both in area and in height. The increase in height will be very welcome as one of the difficulties with the old house was that the larger ferns very soon became too large for it and had either to be moved to the Temperate House or scrapped in favour of younger plants. The external differences between the new house and the old House No. 3 are the same as those between the new and old House No. 4. There is, however, one internal difference which would be noticed. Both the new houses have been erected with concrete portal frames as internal support instead of the ironwork of the former houses. There will be differences of opinion as to whether the rather bulky frames are or are not an improvement over the somewhat more graceful ironwork, but they should certainly give the new houses a much longer life than those they replaced.

Moving on towards the Orangery, the visitor will find en route that the old Constantinople hazel (*Corylus colurna*) has had to be removed. It is always sad to have to record the passing of one of Kew's original trees.⁵

The Orangery itself has been restored to its former use and is now decorated with some fine Roman and Renaissance statuary.⁶ Some difficulty is being experienced in that the trees tend to shed their leaves and fruit when moved inside in September and auxiliary lighting has been provided to overcome this difficulty—no doubt the original reason for the growing of citrus species in the Orangery being abandoned. It is too early yet to say whether this measure will solve the difficulty, but with modern horticultural resources the problem should not be insoluble.

Behind the Orangery a new house has been built to accommodate the filmy ferns. It has not been possible to show these to the public generally in the house (No. 2A) in the Ferneries, in which they were formerly kept, as the loss of humidity due to the constant opening and shutting of the door had a deleterious effect on the plants. To overcome this, the new house, which is quite large (it extends along almost the whole length of the back of the Orangery), has been built with a double roof as a house-within-a-house. The public view the plants through large plate glass windows as they pass through the corridors between the outer and inner houses. In the corridor itself the collection of Liverworts is displayed.

This house is the first additional house for public viewing to be built since the Australian House was erected in 1948. The interior is landscaped with tufa and includes a shady grotto, a waterfall and a central pool. High humidity is maintained with sprays from above and the temperature kept within the narrow range required by the insulating effect of the double roof and walls and the location of the house in the shade of the Orangery. It is a notable addition to the Gardens' show houses.

If the visitor now makes his way towards Kew Palace he will see, behind the Palace, the first steps being taken to convert the area into a

17th century garden of the kind in vogue when the palace was built. It will be some years before this can be completed, but this new garden, with its mount, pleached alleys, parterre and other favourite features of the time, will undoubtedly be a pleasing adjunct to the Palace, and a great improvement on the semi-derelict allotments which for so long have disfigured this site.

A few steps further on brings the returning Kewite into the Lower Nursery. The development of this as a self-contained nursery centre for the Decorative Department has already been mentioned. The taking of a substantial part of the area for glasshouse space, however, has brought its own problems. The Arboretum Nursery has used the south end of the Lower Nursery for trees and shrubs, but this land will now be needed for bedding plants. An area of about an acre in the corner of the Lower Nursery by the Brentford Gate, formerly occupied by matured trees and shrubs, has been cleared for use for Arboretum Nursery work. It will probably also be necessary to clear further areas around the edge of the Nursery for this purpose. One other development in this area is the provision of a tearbar at the point where the cart road leaves the Lower Nursery. This will satisfy a long-felt need for some provision for refreshment at the north end of the Gardens.

So far, only the north end of the Gardens has been mentioned, but although the buildings (in which most of the changes are taking place) are mainly concentrated at this end, there are still some changes to be seen as one moves south through the Gardens. The rebuilding of the Jodrell Laboratory, for example, has led to the relocation of the grass collections formerly in front of it. These are to be planted in beds on the west side of the "T" Range, between the glasshouses and the path. The avenue of *Crataegus* which formerly stood on each side of the path had gone past its best and has been removed. The new scree beds already mentioned have been sited on the south side of the "T" Range.

Further on, the first of the new shrub border plantings comes into view. A number of beds have been opened around the north and west sides of the base of the Mound and the areas at the south end of the Rock Garden and the Herbaceous Ground adjacent to Cumberland Gate have been cleared and renewed.⁷ Rhododendrons and other ericaceous shrubs, magnolias, camellias, etc., have been planted in great variety in these beds and borders (the smaller ones naturally towards the front) with scattered groups or single trees (mainly silver birches) here and there simulating self-sown trees. Groups of *Hostas* are used to provide ground cover, interplanted with candelabra and other types of primula, lilies, *meconopsis* and ferns, the whole forming an ecologically balanced community.

Passing on now towards the Palm House lake, the Kewite will find that new plantings of the same kind have been made all the way from Museum No. 1 to Victoria Gate and beyond. They will be carried further on as time and labour available permit. Another alteration which may be noticed is the clearance of the shrubs on the lakeside itself. These have been replaced by grass.

Taking the path down towards the North Gallery, the visitor will find extensive new plantings of primulas under the trees and shrubs at the side of the path adjacent to the *Berberis* Dell. A few steps beyond, the new flagstaff (the biggest yet—225 feet high) comes into view.⁸ Beyond the North Gallery, adjacent to the Ruined Arch, a collection of *Hebes* has been planted. These have been somewhat unfortunate in striking two severe winters in succession before the plants are established.

Although it has now been in existence for some years, mention must be made of the Heath Garden which has been created in the shallow depression near the Pagoda where formerly part of the rose collection was situated, since this is now one of the glories of Kew.⁹ Not far away the approaches to the Japanese Gateway have been greatly improved by the planting, appropriately enough, of beds of *Kurume Azaleas*.

No list of changes would be complete without mention of the extensive plantings of rhododendrons (many from Tower Court) in beds which have

been opened among the trees to the south of the Arboretum Nursery. The newly planted colour clump on the promontory at the south end of the lake must also be included. Plans are in hand, too, to transfer the bamboo garden from its present position in the Rhododendron Dell to a place near the Isleworth Gate, and for the replanting of its present site.

The Arboretum Nursery itself is shortly to undergo a transformation. A new propagating house equipped with mist spray and soil warming apparatus has already been built there and the Temperate Department glasshouses have been rebuilt. The land behind the former stables has been taken as additional nursery space and the old filter beds are to be removed to provide an additional planting area. With the passing of the last horse, the stables themselves are being used for a variety of purposes. The lower part is being adapted mainly for storage purposes. The upper storey, no longer needed as a residence for the carter, is being converted to a seed centre for the whole of the Gardens, while the existing seedroom on the other side of the Yard will be added to the messroom to bring accommodation for the men in line with what has already been provided in the Melon Yard for other departments.

As well as these changes which are obvious to the eye, there are others which are not so noticeable. The whole of the boiler installations in the Gardens have been converted from coke to oil-burning (or, in the case of one or two of the smaller ones, to gas), except for the installation serving the Orangery.¹⁰ An automatic spray system has been installed in the Palm House to eliminate a good deal of the watering by hand to keep up background humidity.¹¹ Three transformer stations have been built on sites along the Kew Road wall in the Melon Yard, near Museum No. 1 and the Ruined Arch to supply the greatly increased electrical demands of the Gardens. A programme to modernize the museums is under way and a number of exhibits have already been completed. The constabulary is being reorganised to provide better patrol coverage in the Gardens. The cleaning of the buildings will soon be done by an outside firm by contract instead of by locally employed cleaners. Messengers will be introduced instead of constables into the offices, and museum stewards instead of constables in the museums. Approval has also been sought to revise and greatly improve the student gardeners scheme and extend it from two to three years.

Finally, mention must be made of the greatest change of all—the building of the new wing to the Herbarium. This will join the wings of the present U-shaped building to convert it into a rectangle. The project, although approved in principle by the Treasury, is still in the planning stage and it will be some time before building actually starts. When it materialises, it will be a great relief as congestion of specimens, books and staff in the Herbarium is now reaching a stage which has to be seen to be believed, and is having serious effects on efficiency.

It will be clear from this account that Kew is far from stagnating. Emphasis has been on physical changes rather than on the less obvious moves to keep the Gardens abreast of the times in the scientific and professional spheres but such changes are in progress. Human institutions which fail to adapt themselves to changing circumstances are on the road to oblivion.

R. W. KING.

¹ *K.G.J.* (1961), Vol. VIII, No. LXVI, p. 11.

² *K.G.J.* (1960), Vol. VII, No. LXV, p. 800.

³ *K.G.J.* (1960), Vol. VII, No. LXV, pp. 29, 123, 211, 293, 369, 472, 567, 695.

⁴ *K.G.J.* (1958), Vol. VII, No. LXIII, p. 570.

⁵ *K.G.J.* (1959), Vol. VII, No. LXIV, pp. 745, 798.

⁶ *K.G.J.* (1959), Vol. VII, No. LXIV, pp. 671-2.

⁷ *K.G.J.* (1958), Vol. VII, No. LXIII, p. 568.

⁸ *K.G.J.* (1958), Vol. VII, No. LXIII, pp. 471, 578, 678.

⁹ *K.G.J.* (1958), Vol. VII, No. LXIII, p. 571.

¹⁰ *K.G.J.* (1961), Vol. VIII, No. LXVI, p. 60.

¹¹ *K.G.J.* (1961), Vol. VIII, No. LXVI, p. 59.

NOTES AND GLEANINGS.

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

AWARDS.

The Victoria Medal of Honour was awarded in 1962 to:—

Mr. C. E. Puddle (1946), Head Gardener, Bodnant Gardens.

Mr. G. W. Robinson (1937), Curator, Oxford University Botanic Garden.

Four of our members were awarded the Associateship of Honour by the R.H.S. :—

Mr. J. W. Watson (1923), Superintendent of Leicester Parks Department, in Dec., 1961.

Mr. H. Taylor (1933), Head of Horticultural Department, L.C.C., in Dec., 1961.

Mr. J. W. Blowers (1945), Head Gardener, Buxted Park, in Dec., 1961.

Mr. R. W. Younger (1933), Curator, Cambridge University Botanic Gardens, in Dec., 1961.

Mr. D. Sayers (1962) was awarded the Travelling Scholarship by the Worshipful Company of Gardeners. He has reached Ceylon (December, 1962) travelling by the overland route. We are looking forward to an account of his travels in the *Journal*.

Mr. R. T. Harrison (1962) was awarded the Frank Kingdon-Ward prize in 1961. The essay set for this award was—The Royal Botanic Gardens, Kew. Present State and Suggestions for Future Development.

The Prize for 1962 was not awarded in full as none of the entries was considered to be of a sufficiently high standard. The Trustees (Bentham-Moxon Trust Fund) have decided to award a book prize (*Gardening in Britain*) in recognition of the meritorious work contained in the entries of two students—Messrs. J. B. Gaggini and A. J. Rose.

Kewites will be delighted to know that Dr. N. L. Bor has been awarded the Gold Medal of the Linnean Society in recognition of his distinguished services to Asiatic botany.

EXAMINATION SUCCESSES.

NATIONAL DIPLOMA IN HORTICULTURE, 1962.

Finals :—

Section I—General Horticulture :—

Miss A. L. M. Atkinson (1958); Mr. R. T. Harrison (1962); Mr. B. E. Humphrey (1961); Mr. A. Pierce (1960); Mr. J. B. Simmons (Foreman, Tropical Pits); Mr. G. J. E. Yates (Assistant Curator, Dec. Dept.).

Section VI—Horticulture in Parks :—

Mr. B. Carter (1959); Mr. J. G. Medcalf (1948).

DIPLOMA OF PARK ADMINISTRATION.

Mr. J. G. Medcalf (1948) in 1961 ; Mr. H. R. Horsfall (1958) in 1962.

DIPLOMA OF ARBORICULTURE.

Mr. L. Pemberton (1954).

CERTIFICATE OF ARBORICULTURE.

Mr. J. Gaggini (Present Student) ; Mr. B. Dodds (1962).

SOCIETIES AND ASSOCIATIONS.

Mr. A. Woodward (1947) was elected President of the Cambridge University Botanic Garden "Old Boys" Association for the year 1962-63.

The Activities of Kewites in the Royal Horticultural Society.

Sir Edward Salisbury is a Vice-President and is also Professor of Botany.

Sir George Taylor (Director) and Mr. J. S. L. Gilmour (President-Elect of the Kew Guild) are among the Council Members.

Sir George Taylor is also Editor of Curtis's *Botanical Magazine*.

The Activities of Kewites in the Institute of Park Administration.

(Taken from the page of *Park Administration* with kind permission)

Mr. E. W. B. Gale (1932), Superintendent of Parks, Poole, was elected as President 1962-63.

Mr. F. H. Eul (1935), Superintendent of Parks, Bexley, was elected as President-Elect.

Mr. W. Howell (1925) remains Associate Editor (Landscape and Construction).

HOME PARKS.

Mr. Cyril Jones (1923) retired in September, 1962, from the post of Curator of Glasgow Parks Department. To quote from a letter which reached us recently—"I have no intention of sitting back in comparative idleness as long as I am fit and active, in consequence I have been appointed Garden Superintendent in Scotland to the Robert C. Wilson & Sons, Ltd., Group of Companies (Scottish Food Industries), with charge of the gardens of Skelmorlie Castle, Eglinton Castle and estates at Barnhead and Paisley."

Mr. M. J. Collett (1958), Technical Assistant, Torquay Parks Department, is finding his work very interesting, especially as a wide range of half-hardy plants may be grown in the area. He took this post in June, 1961.

Mr. T. Deans (1960) is new General Landscape Assistant to Liverpool Parks and Gardens Department.

Mr. J. Aldous (1962) is Horticultural Planning Assistant to Stevenage New Town, taking up his appointment in the Autumn, 1962.

Mr. M. S. F. Roberts (1954) moved down to Portsmouth in February, 1962, to become Landscape Assistant under Mr. E. Studley, Director of Parks, Portsmouth. At Swansea Mr. Roberts was Nursery Supervisor of the Central Nursery and Educational Gardens.

Mr. D. Tomalinson (1959) has resigned from his post as Arboriculturist to the Middlesex County Council and has taken up a similar post with the L.C.C.

Mr. W. E. Storey (1952) has been promoted Deputy Head of the Horticultural Department of the L.C.C.

Mr. P. A. D. Brasher (1953) is Horticultural Officer, L.C.C., and is responsible for the area south of the river.

Mr. R. A. Hudson (1945) is Horticultural Officer, L.C.C., advising over departments other than Parks.

Mr. Hubert Taylor is, of course, head of the Horticultural Department of the L.C.C.

Mr. J. Van der Breggon (1961) is now Foreman at Boston Manor Park, Middlesex.

Mr. A. F. Derrick (1960) became General Parks and Cemeteries Foreman to Brentwood in Essex. He has a staff of 13 and is directly under the Superintendent of the Department.

Mr. K. J. Toft (1960) was appointed Technical Assistant to the County Borough of Derby Parks, Cemeteries and Allotments Department, in April, 1962.

Mr. D. G. Pearce (1960) was appointed Technical Assistant to Middlesbrough Parks Department in May, 1962.

APPOINTMENTS OTHER THAN PARKS.

Mr. T. Cole (1960) has taken over as Manager of Bensons of York whose nurseries are at Easingwold. Many will wish to congratulate Mr. and Mrs. Cole on the birth of a son on 17th February, 1962.

Mr. A. E. Prive (1957) has left horticulture and is now 1st Flying Officer for British United Airways. He is married and has one small daughter.

Mr. A. P. Dunball (1953) was appointed as Chief Horticulturist to the Ministry of Transport, during 1962.

Mr. T. R. Risely (1958) was appointed as Assistant to the Chief Horticulturist to the Ministry of Transport, during 1962.

Mr. J. Allen (1961) is Assistant to Mr. J. M. Grierson of Red Cottage Gardens, Landscape Trees Ltd. This work often involves the supervision of the lifting of sizable trees and their planting for landscape purposes.

Mr. P. Bridgeman left Kew in September, 1962, to take up the post of Assistant Experimental Officer at the Agricultural Research Council Weed Research Organisation, a new department being built up at Kidlington, Oxfordshire.

Mr. A. Patterson (1958) is now Lecturer on Rural Science at Culham Training College.

Mr. E. H. Warraker (1954) has joined the staff of the Kent Farm and Horticultural Institute as Senior Lecturer in Fruit at Sittingbourne.

From a letter received during May, 1962, Mr. C. L. Baylis, who is a Landscape Representative to Messrs. John Waterer, Son & Crisp, writes—"Kewites are getting quite a stronghold with this firm . . .". The details which justify this statement are:—

Mr. G. T. Naylor (1951) is the Landscape Representative of the South-West Counties with a staff of 70 men.

Mr. J. O'Shea (1957) is in the Order Office at Twyford, handling the recordings, etc., of 32,000 orders per year.

Mr. M. Clift (1958) is in the Shrub Nursery, Bagshot, working mainly in the Rhododendron Section.

Mr. S. Linnegar (1962) is an Assistant on the Twyford Nursery, where roses (250,000), herbaceous plants, alpiners and fruit bushes are grown.

Mr. Baylis himself is the Landscape Representative of the North-West Counties from Twyford. He has a staff of 50 men. To use the phrase given by Mr. Baylis—"On the landscape side we tackle anything including complete garden lay-out, swimming pools, hard-courts, etc."

KEWITES ABROAD.

Giving the news that the Christchurch Botanic Gardens is celebrating its Centenary in February, 1963, Mr. Taylor described some of the horticultural activities which are planned. These include an extensive floral exhibition out-of-doors and under canvas, and is being held to coincide with conferences of various horticultural bodies. Needless to report, the Kiwi Kewites will be holding a reunion in the form of a dinner. It is interesting to note that no fewer than ten New Zealand Kewites have served at the Christchurch Botanic Gardens. These are:—

The late Mr. A. L. Taylor (Director); the late Mr. B. P. Mansfield, N.D.H. N.Z (Past Curator); Messrs. M. J. Barnett, M.B.E., A.H.R.H.S. (Past Director); J. A. McPherson, A.H.R.H.S.; F. J. E. Jollie, N.D.H. N.Z.; J. O. Taylor, N.D.H. N.Z.; D. D. Riach, N.D.H. N.Z.; C. H. Jones; D.C. MacKenzie, A.H.R.H.S.; and R. W. Balch, N.D.H. N.Z.

Mr. M. Barnett has been busy on the compiling of a booklet which will include much of the early history of Horticulture in Canterbury, New Zealand.

Taylor, J. O. (1947). During the year we heard from Mr. J. O. Taylor. Students just after the war remember John as the ex-naval New Zealander who followed his training at Kew with a study course in the U.S.A. Two years after returning to his homeland he started business on his own account. The permanent staff is 8 and the nursery covers four acres close to Christchurch. With 100 permanent hire contracts the plants are grown for sale under contract only.

Celebrating their 8th wedding anniversary, Mr. and Mrs. Taylor have two daughters and a six-month-old son.

We were delighted to welcome Mr. D. C. MacKenzie (1939), Superintendent of Parks and Reserves, Palmerston North, N.Z., to Kew during the summer. Mr. MacKenzie was in this country as a delegate to the 2nd World Congress of Parks Administration.

Mr. Herbert M. Blanche (1909), Landscape Architect, Finger Lakes, State Park Commission, Ithaca, New York, lectured to the Students and Improvers Association at Kew on 22nd June, 1962. He showed a selection of the beautiful slides which he had built up during his office. The visit was greatly appreciated by all. A hearty thank you, Mr. Blanche!

Mr. H. W. Endres (1912) wrote in during March to give his new address—his home is situated in the City of Ladne, a suburb of the City of St. Louis, Missouri.

Until 1945 Mr. Endres was President of the Westover Nursery Company, one of the largest nurseries in the State of Missouri. Since this date he has been active as an Estate Broker.

Mr. A. R. T. Buckley (1938) has written in from Ottawa where he holds a very responsible position with the Ornamental Plant Research Institute—"Apart from the usual curatorial duties in connection with the Botanic Garden and the collection of woody plants we have now initiated a programme of evaluation of all kinds of plants, herbaceous and woody. Thus we can act as a clearing house for Canada for all new plants that are, or about to be introduced to the trade. With our tough climate it is so important to know what plants are most likely to survive and be of use to the gardener.

Mr. H. D. Tindall, M.B.E., M.Sc., M.I.Biol., N.D.H., F.L.S. (1946), has resigned his post as Horticulturist in the Ministry of Natural Resources, Sierra Leone, and is now Lecturer in the Agricultural Biology Department of the newly formed National College of Agricultural Engineering, Chelmsford.

Mr. H. E. Downer (1912) flew over to Italy from New York State to lead a small group on a garden tour. This ended at Chelsea Show in May, 1962.

Frank Jollie (1937) is now in the Cook Islands as an Instructor with the Department of Agriculture.

Two members of the New Zealand Branch of the Kew Guild who attended the Second World Congress of Parks Administration held in London in May, 1962, were Mr. D. Leigh and Mr. D. C. MacKenzie.

Mr. J. Short (1940) is now Curator of Victoria University, Wellington, New Zealand.

M. Jean Commeau (1935) holds a Government post in the French Quarantine Service and is responsible for the inspection of consignments of flowers to be exported.

M. Commeau was taken prisoner during the war while serving with the French Resistance Forces.

Mr. Howard W. Swift (1937) has resigned his post as Director of Education for the New York Botanical Gardens and taken a similar position with the Cleveland Garden Centre in Cleveland, Ohio, as from the 1st December, 1962.

Mr. Swift has attained great recognition in this type of work in the Eastern part of the United States.

Miss E. Parkin (1959), who is Head Gardener to the Local Authority at Regina, Saskatchewan,* visited Kew whilst on leave in October, 1962.

Mr. T. Miller, a Student Gardener at Kew from 1954 to 1956, and recently assisting with the preparation of the "Flora Zambesiaca" at the British Museum (Natural History), has taken up his appointment as Curator of the Botanic Garden, Salisbury, Southern Rhodesia.

OTHER NEWS.

Mr. T. A. Summerfield (1902), commenting upon the 1961 issue of the *Journal*, stated that it was the sixty-first copy he had received. He continues, "I am still busy with our garden of about half an acre, growing all our fruit and vegetables and a display of flowers".

Mrs. M. J. Cross (Miss Margaret Jean Driver) (1944) was unable to attend the Annual Dinner, 1962, owing to family commitments. She recalls her service at Kew 1942-44, when she was on the outside staff (Botanics) under Mr. A. Osborne.

Mr. J. J. Gribble (1895), in a recent letter (30th April, 1962), stated that he enjoyed good health at the age of 92. His activities include gardening and judging at flower shows. Writing of his Kew days he recalled that he spent seven months in the Palm House, the Sub-Foreman being Harry French. This was followed by seven months in the Ferneries under Sub-Foreman Newsham, after which he was transferred to Watson's Propagation Pits where the Sub-Foreman was Wakely.

In a recent letter (10th October, 1962), the Guild's oldest Kewite, Mr. E. G. Creek (1901), states that he is now in good health "after a severe illness last winter".

* *Kew Guild Journal* 1959, Vol. VII, No. LXIV, p. 687.

NEWS OF KEW.

Mr. J. R. Sealy attended the International Horticultural Congress at Brussels from 31st August to 8th September, 1962. On 4th September he gave a paper entitled "The Modern Role of the Botanic Garden" at a symposium sponsored by the International Association of Botanical Gardens.

Mr. J. B. Gillett (Principal Scientific Officer) was appointed one of three instructors for a course in Herbarium Techniques for Humid Tropical regions organised by U.N.E.S.C.O. and held at Ibadan, W. Nigeria, during August. The course was attended by one student from each of the following countries: Madagascar, Guinée, Cameroon, Sierra Leone, Liberia and Ghana and by seven students from Nigeria. Collecting expeditions to several interesting localities in the forests and savannahs of Western Nigeria, including the Idanre Hills were included in the course.

The recently founded Anglo-Malagasy Society is planning to form a Botanical Committee on which Mr. A. A. Bullock has agreed to serve.

Sherman-Hoyte Painting. The panoramic scene has been cleaned and restored by Mr. David Williams and Mr. John Brangwyn of the Ministry of Works Restoration Section. The work was carried out under the direction of Mr. Alastair Stewart.

The painting, which was in tempera, was in poor condition. The sky in particular had suffered from condensation and was extremely damaged.

Mr. A. D. Stevens, Gardener Grade 1, who joined the Gardens Staff in 1956, was promoted to Foreman Gardener in the Arboretum, South Department, in November, 1962. This is a new post and there are now three foremen in this department—Mr. G. Shutler and Mr. Stevens with Mr. A. D. Schilling in the Aboretum Nursery. Mr. E. W. Macdonald has been appointed Foreman Gardener in the Tropical Department.

Mr. N. K. B. Robson resigned his post on the *Flora Zambesiaca* staff in June, 1962, in order to take up an appointment in the Department of Botany, British Museum (Natural History).

Dr. H. H. Heine, who has worked in the Herbarium for the past three years on the Flora of West Tropical Africa, as a member of the Colonial Office staff, has been appointed Maître de Recherche for the Centre National de Floristique at the Muséum National d'Histoire Naturelle, Paris, and took up his duties there early in January, 1962.

Miss Barbara J. Youngman has been appointed Assistant Keeper (First Class) in the Department of Printed Books, British Museum, in connection with work at the proposed new National Science Library, taking up her appointment in January, 1963. Miss Youngman joined the staff of the Museums of Economic Botany at Kew in September, 1950.

The five-day working week for the gardening staff was introduced as from 17th July, 1961. The conditioned hours of work remains at 42 hours per week. The year is divided into two periods:—

- 42 weeks. 7.30 a.m. to 5 p.m. Monday to Friday (i.e. a five-day week of $8\frac{1}{2}$ hours each excluding the lunch hour).
- 10 weeks. 7.30 a.m. to 4.30 p.m. Monday to Friday (i.e. a five-day week of 8 hours each, excluding the lunch hour).

The Director, Sir George Taylor, flew to the United States on 13th April, 1962, at the invitation of Harvard University. He returned on the 17th April.

Sir George also travelled by air to the United States on 4th October, 1962, to attend the Visiting Committee of the Arnold Arboretum, Cambridge, Mass., and to lecture to the Garden Club of America. He returned on 11th October.

On 15th October Sir George left by air for Trinidad (via Bermuda (16th), Jamaica (17th) and Georgetown, British Guiana (19th), in each of which he inspected the local herbaria. He then proceeded to San Paulo, Brazil, to attend the meeting of the UNESCO Visiting Committee for Tropical Herbaria, held on 22nd October, followed by the Symposium on *Flora Neotropica*. He returned via Rio de Janeiro on 28th October.

Dr. C. R. Metcalfe left Kew in early December for a private visit to Jamaica during part of which he will visit places of botanical interest. On his return journey he will pay an official visit to the Fairchild Tropical Garden at Miami, Florida, to collaborate with Dr. P. B. Tomlinson on work on the anatomy of tropical Monocotyledons.

Mr. S. G. Harrison, B.Sc., Principal Scientific Officer at Kew, was appointed Keeper of the Department of Botany, National Museum of Wales, Cardiff, in June, 1962.

Mr. C. Jeffrey, Scientific Officer, returned to his duties at Kew in early May, having been away from Kew for nearly seven months; of this, six months were spent in the Seychelle Islands where a collection of just over 600 numbers was made. One set of specimens was left at the headquarters of the Department of Agriculture in Mahe to form the nucleus of a herbarium of Seychelles plants, which is being initiated by the Director of Agriculture there; the remainder of the collection has been brought to Kew.

Mr. B. Christopher was appointed Exhibition Officer (Temporary Information Officer) in the Museums of Economic Botany in October, 1962, in succession to Mr. Jewell who returned to Haslemere Museum as Keeper.

Mr. A. L. Jewell was awarded the A.M.A. (Associateship of the Museums Association) in March, 1962.

Old Kewites visiting the Gardens and entering by the Curator's Gate would at once note a change in the Melon Yard with which they have been so familiar. A room has been built above the Mess Room, this being approached by a staircase made of Opepe wood (*Nauclea diderrichii*).

Students' Day was held on 12th May, 1962, with exhibits in the Herbarium, Orangery and Museums. Approximately 850 persons attended, these being made up of 225 from the Universities (104 London, 121 Provinces), 114 Training Colleges, 52 Institutions, 93 Societies, 324 Schools (214 London, 110 Provinces), 34 Science Teachers, and 36 specially invited guests.

Dr. F. M. Jarrett, a Scientific Officer on the Herbarium Staff, took charge of the Pteridophyta Section on 5th March, 1962. This fills the vacancy created by Mr. Ballard's retirement in April, 1961.

Miss E. M. Stones returned to Kew from Australia in March. Her paintings of Australian wild flowers, commissioned by the Government of Australia, were shown at the opening of Parliament, Canberra, and were also exhibited in the National Gallery of Victoria, Melbourne.

Mr. J. Souster, Assistant Curator, Temperate House Department, is the Official Observer to the Committee on Bird Sanctuaries in Royal Parks. He has carried out this duty for the past two years.

Mr. Meikle returned from a very successful and interesting tour of Cyprus in June, 1962, during which he managed to visit almost every district of the island, and to collect a number of plants either unrepresented or inadequately represented in the Herbarium collection.

Dr. R. Melville returned to Kew in June, 1962, after spending six months in New Zealand.* During this period he collected 1,950 numbers from all parts of the country. Kiwi Kewites in particular will be interested in his principal collecting areas :—

North Island :

Waipoua Forest, Waitukeri Ranges, Little Barrier Island, Tongariro National Park and Mount Holdsworth (Fararua Range).

South Island :—

Nelson Mountains, the West Coast and Franz Joseph Glacier, Arthur's Pass National Park, Craigieburn Ranges, tussock grasslands of Upper Ashburton River and South Otago.

* *Kew Guild Journal* 1961, Vol. VIII, No. LXVI, p. 56.

VISITORS TO KEW.

Six eminent Belgian horticulturists visited Kew on 2nd October to see the Living collections, the Herbarium and the Library. They were : M. V. L. Cornelissen, Inspector of Plantations, Brussels ;

M. G. Bertrand, Regissens du Domain Royal de Lachen ; M. M. Artus, Inspecteur des Voies Hydrauliques, Brussels ; M. L. De Wolf, Conservateur des Cultures du Jardin Botanique de l'Etat, Meise ; M. J. Von Wesseem, Régisseur des Propriétés Janssen, La Hulpe ; and M. J. Luchie, Director, Poellaer et Fils, an Old Kewite.

Miss Patricia Semple, daughter of the Old Kewite, Mr. J. A. Semple (1923), visited the Gardens in July, 1962. She brought greetings to all his old friends and fellow Kewites from her father.

Mr. A. L. J. Poy (1937) visited Kew on 30th May, 1962. He is a flower-grower and florist at Blais.

Sixteen administrative and other officers from Commonwealth countries, attending the Overseas Services Course at Cambridge, visited Kew on Wednesday, 3rd May. They were from Hong Kong, Sarawak, North Borneo, Kenya, Tanganyika, Northern Rhodesia, Jamaica and British Guiana. They were shown the Herbarium and Library, the General Museum and Quarantine house by Mr. Russell and Mr. Milne-Redhead, and Dr. Metcalfe and Dr. Keith Jones described the work of the Jodrell Laboratory.

Among the eminent botanists and horticulturists who visited Kew during 1962 were :—

Mr. H. H. Burkhill, Director of Singapore Botanic Gardens, on 9th August.

Dr. R. A. Howard, Director of Arnold Arboretum, on 12-19th August.

Dr. D. Wyman, Curator of Arnold Arboretum, on 20th August.
H.I.H. Princess Chichibu of Japan, on 27th July.

Sayyed Yahya Ghannam, Director of the Kuwait Government Experimental Farm, on 1st August.

The Hon. J. M. Echeron, Minister of State and Minister of Finance ; The Hon. Dr. Otue, Minister of State and Minister of Agriculture ; Chief The Hon. E. V. Chukwu, Member of the House of Assembly, Parliamentary Secretary to the Premier ; The Hon. P. G. Warmate, Provincial Commissioner, Yenagoa Province, all from the Eastern Region, Nigeria, paid an official visit to the Gardens on the afternoon of 23rd August, 1962, and were entertained by the Director.

Mr. A. A. Cavanagh (1923) has retired and is remaining in Argentina. We wish Mr. and Mrs. Cavanagh many happy years of retirement. We were all pleased that Mr. Cavanagh was able to visit Kew and to attend the dinner* whilst on leave in this country during the spring of 1962.

We were all thrilled to meet Mr. William Ing (1905), who visited Kew while on holiday in this country during the summer. Thus he was able to spend his 80th birthday with one of his four granddaughters, Margaret, aged 18. They celebrated with a visit to Drury Lane to see "My Fair Lady".

* Please refer to the report of the Annual Dinner, 1962.

THE HANBURY GARDEN AT LA MORTOLA.

Before the second world war "La Mortola" was a name to conjure with in horticultural circles. It represented not only a village on the riviera coast but a Mediterranean garden of great beauty and distinction. It had contacts with botanical gardens throughout the world. It distributed many thousands of packets of seeds every year. It had also a student exchange scheme with Kew. Thus it was until June, 1940, when Italy declared war on Britain.

It is now over twenty years since the last Kew student returned home from La Mortola and his Italian counterpart left Kew for the Mediterranean. Since then, the Hanbury Garden has been almost forgotten except perhaps, somewhat nostalgically, by those lucky pre-war students who were sent there on exchange. I have had occasion, however, to visit La Mortola on several occasions during the past six years and since there is now every hope that the Garden may recover some of its former importance I thought that an account of its origin and fortunes might interest the members of our Guild.

Thomas Hanbury was a prosperous city merchant and a member of the Society of Friends, with business interests in China. In 1867, while on holiday, he was sailing along the Mediterranean coast some four miles east of Mentone and was much impressed by a house which was situated halfway up the limestone cliffs. He was interested not so much in the land surrounding the house, which was rocky and arid, but by the commanding position of the house itself. He made enquiries about it and found that it was known as the Palazzo Orengo and dated from the 16th century. It was in a sad state of decay and was occupied by local peasantry with farm animals housed in some of the rooms. Hanbury eventually bought it, together with some surrounding land, and repaired and enlarged the house. While this was in progress the land around the house was not forgotten. Thomas Hanbury had an elder brother, Daniel, who, though a pharmacist by profession and an authority on materia medica, was particularly interested in botany and gardening. He had, in fact, accompanied Sir Joseph Hooker on a botanical visit to Palestine in 1860. The attempt to make a garden on such unpromising terrain might have daunted even an experienced landscape gardener. The soil was thin, poor and dry and was derived from underlying limestone. Until December, 1868, the brothers were their own gardeners with only the unskilled assistance of the peasants of the village of La Mortola. Mr. Hanbury then engaged as head gardener a certain Ludwig Winter who had previously been employed by the Empress Eugénie. He worked at La Mortola for six years and was really the principal architect of the garden. When he left Mr. Hanbury's employ he took over a large nursery in Bordighera and became so notable a citizen that his memory is perpetuated by a memorial in the town. In this connection it may interest those Kewites who were students during the period just preceding the last war to know that an exchange student from La Mortola, L. Ronco, was a grandson of Ludwig Winter. I am, in fact, greatly indebted to Signor Ronco for many kindnesses shown to my wife and myself on a number of occasions during the past few years. At the time that Hanbury bought the Palazzo the rocky slopes around had been roughly terraced and cultivated to some extent. I have already referred to the poor quality of the soil but one of the chief hazards to good cultivation was the behaviour of the local peasantry. They had to be restrained from chopping down seedling trees or removing everything green as food for their goats, that "most pernicious of all animals in the eyes of a gardener".

After Mr. Hanbury had purchased more land in the vicinity the garden spread over an area of about 100 acres. It had been his intention to make the garden into a collection of indigenous Mediterranean plants but situated as it was within the protecting arms of the neighbouring Alpes Maritimes conditions were such as to make possible the cultivation of other sub-tropical and some tropical species. That is, of course, with

the exception of lime-hating plants such as Rhododendrons and the like. The success of the Garden is illustrated by the fact that the first seed list was issued in 1883 and the first printed catalogue of the plants growing in the Garden appeared in 1889.

In the construction of the Garden full advantage was taken of the natural features in the best landscaping tradition. The Garden extends from the main coastal road, the Corniche, at an altitude of 300 feet and descends rather steeply to the sea below. The Palazzo is situated about halfway down. The lay-out is one of sloping paths, steps and terraces and the plants were originally arranged in natural groups. These included aloes, agaves, succulents, citrus, pines, Australian plants, etc. It has been said that La Mortola is one of the few tree-clad hillsides along the French or Italian riviera coasts.

Mr. Hanbury became very attached to the Italian riviera coast and its people and spent much of his wealth in furthering their interests. He provided public gardens and avenues of trees and was a generous supporter of the hospital at the neighbouring town of Vintimiglia. His main interest, however, was in education and the schools in the vicinity of the Garden benefited largely from his generosity. To further botanical science he founded in 1892 a botanical institute at Genoa which was named the Istituto Botanico Hanbury. It became and still is an important department of the University of Genoa.

As mentioned above, the Hanbury Garden lies along the coastal or Lower Corniche road which roughly follows the original Roman road known as the Via Aurelia, which extended from Italy to Gaul. Through the years traffic conditions have made necessary the by-passing of some sections of this road but a short portion of the original way still passes through the Hanbury Garden much nearer the sea than its modern counterpart. It is a sunken road running between ancient walls and is used only by peasants. Mr. Hanbury had a stone tablet placed on the wall commemorating the various historical personages who had passed along it. Napoleon and his army is said to have travelled that way in 1796.

Hanbury amassed a large collection of Roman antiquities and as well as building up a private museum adorned the Garden with an assortment of busts on pedestals, plaques, jars, etc.; a practice more reminiscent of the 18th than of the 19th century. Nevertheless, strategically placed, they fit in quite well with the general design which includes various other objects of stone such as seats, steps and ornamental fountains.

Mr. Hanbury was friendly with Sir Joseph Hooker, the Director of Kew, and in 1893 presented Kew with a collection of 30 valuable volumes on botanical subjects. In the same year Sir Joseph dedicated Volume 119 of *Curtis's Botanical Magazine* to Thomas Hanbury in token of his contributions to horticulture. The Royal Horticultural Society also have reason to be grateful to Hanbury as some years before his death he purchased a garden belonging to a certain Dr. Wilson of Weybridge and presented it to the Society. We now know it as "Wisley". In 1901 King Edward VII, as one of the first duties of his reign, appointed Thomas Hanbury a K.C.V.O. Sir Thomas Hanbury died at the age of 75 in 1907 in the country of his adoption. He was cremated at San Remo and his ashes, at his own wish, were deposited in the garden he had built.

After Sir Thomas's death the garden was left almost entirely in the hands of its curator, Alwin Berger, as Lady Hanbury took no particular interest in it. The first world war broke out in 1914 and its effect on the Hanbury Garden was devastating. For nearly five years the only garden staff consisted of a few old men and women and the lack of skilled gardeners resulted in the inevitable loss of thousands of plants mainly due to the overgrowth of the larger trees and shrubs and the consequent crowding out of the smaller species. Eventually, in 1920, Mr. Cecil Hanbury, son of Sir Thomas, took charge and a new era began. With the able

collaboration of Mrs. Hanbury and her brother, Mr. Symons-Jeune, the garden was reconstructed and certain changes made in its general plan. Then Mr. Hanbury conceived the idea of inviting Kew to send students to La Mortola as a means of advancing their horticultural education. The Director of the day, Sir Arthur Hill, readily agreed and every year two of our students spent a very pleasant twelve months or so working in this wonderful Mediterranean garden. At that time the Garden was supervised by an old Kewite, Mr. McLeod Braggins. Mr. Hanbury, who was M.P. for North Dorset and therefore spent much of his time in England, frequently came to Kew and personally interviewed the students who wished to avail themselves of his generous offer. In the end he allowed some of his own students to stay at Kew for a year on a reciprocal basis. The arrangement was an outstanding success and both sets of students benefited greatly by the experience.

Sir Cecil Hanbury, as he had then become, died in 1937, but Lady Hanbury continued the work of her husband until Italy entered the war in 1940. This was a tragic event for La Mortola and the second disaster in its history. Some of the personnel remained up to 1942, but the garden gradually declined for lack of adequate attention. However, the garden was the scene of an interesting and historic event in 1943. That year General Franco and Mussolini held a secret meeting in the Palazzo. The nature of their conversation was never revealed to anyone else but it is said that certain decisions were made. Presumably, the subsequent turn of events rendered the decisions null and void. After 1943, by which time the Allies were already advancing through Italy, matters at the garden went from bad to worse and in 1944-1945 there was a total exodus of personnel as the area around La Mortola became a "no-man's land" for several months. The Allies had dropped a few shells from the sea at various points along the Ligurian coast and apparently La Mortola did not escape. Added to this was a great deal of damage perpetrated by troops including the wanton destruction and theft of Roman relics and the devastation of the library and laboratories. The Garden must have been a shambles after these events. I have no precise knowledge of what happened to the Hanbury Garden in the years immediately after the war though Lady Hanbury eventually returned and took up residence there. The cost of repairing the damage and reconstituting the garden would have been prodigious and one gathers that the necessary funds were not available. Thus the garden fell into a decline and its future seemed hopeless.

When my wife and I first visited the Garden in 1956 we were not prepared for the signs of utter neglect that confronted us. It was still a magnificent garden by reason of its situation and general lay-out and there were still some fine trees to be seen though many of these were festooned with weedy creepers up to their summits. *Phoenix canariensis* and other palms, yuccas and agaves were all there variously decorated. The soil surface was smothered in weeds and in the succulent section only the tallest could be seen, the others being submerged beneath a sea of weeds. Much of the colour in the Garden was provided by large quantities of pelargoniums which grow well along the riviera coast but tend to get gnarled and untidy when allowed to run riot. I discovered that the gardening staff consisted of two middle-aged women and a youth, which seemed somewhat inadequate for a sub-tropical garden of 100 acres. Lady Hanbury, or more correctly Mrs. Forbes, was still in residence in the Garden though living in a small villa near the entrance on the Corniche road. Although we had never seen the garden in its heyday we could well imagine how it must have looked. There was a time when its *Citrus* collection was quite unique but few trees were in evidence and it was apparent that very many plants had been lost as a result of neglect. The agaves and yuccas appeared to have weathered the storm and there were a number of large trees of various kinds to be seen. There were also a number of fine shrubs. However, it was obvious that a very large number of the rare and uncommon species listed by Lady Hanbury in the 1938 list had completely disappeared.

This melancholy situation could not be allowed to continue and The Botanical Society of Italy in 1957 resolved that action should be taken to conserve the Garden. Eventually, after a number of delays, the Italian Government purchased the Garden from Mrs. Hanbury-Forbes in February, 1960, placing the administration in the hands of the International Institute of Ligurian Studies. A committee was formed to deal with the situation and a Professor Mascara was appointed as administrative head of the Garden. He functions, in fact, as a curator, attending every day and supervising the garden staff, which consisted, on our visit in the autumn of 1961, of twelve full-time gardeners. On that occasion we were shown round by the Professor and were much impressed by the progress made in a period of eight to nine months. The clearing away of the weed population was a colossal task and large areas still remained to be tackled. In the nursery new greenhouses had been erected and there was a refreshing air of efficiency about the place. Nine months later, in June, 1962, we again visited the Garden and still more progress had been made. A great deal of bedding was being carried out though the replacement of the many hundreds of interesting species listed in the book published by Lady Hanbury in 1938 will take many years to accomplish. We were shown over the shabby Palazzo which is to become a museum eventually. The committee are resolved that La Mortola shall regain its former status as the finest and most complete botanical garden along the riviera coast. It is also envisaged that it should house a school of horticulture and the time may not be too far distant when student exchanges between La Mortola and Kew will recommence.

The expense of maintaining such a garden is to be shared by the various towns along the Ligurian coast, all of whom have a proprietary interest in La Mortola. The name of Hanbury will long be remembered in Liguria and it is only fitting that the Garden he founded almost a century ago should once more become a worthy monument to his memory.

F. BALLARD.

POSITIONS TAKEN BY STUDENTS LEAVING KEW IN 1962

Aldous, J.	Horticultural Planning Assistant, Stevenage New Town.
Anwyl, R. B.	Assistant Manager, Framptons Nurseries.
Baren, M. E.	Student, The Grotto, Institute of Parks Administration.
Barnett, R. C. A.	
Bridgman, P. T.	Assistant Experimental Officer, Weed Research Organisation.
Cook, G. A.	Student, The Grotto, Institute of Parks Administration.
Dodds, B.	Student, The Grotto, Institute of Parks Administration.
Evans, D. T.	
Gabe, J. M.	Tatton Park, Nutford, Cheshire.
Giles, C. J.	Assistant Manager, Rubber Plantation, Sapong Estate.
Harrison, R. T.	Student, The Grotto, Institute of Parks Administration.
Holmes, D. H.	Student, The Grotto, Institute of Parks Administration.
Jayman, J. N.	Hammersmith Parks Department.
Linnegar, S.	J. Waterer, Sons & Crisp, Bagshot, Surrey.
Matthews, T.	Student, The Grotto, Institute of Parks Administration.
Rainey, J.	Teaching Post, Northern Ireland.
Sayers, C. D.	Educational Tour on Scholarship Grant.
Taber, D. W.	Student, The Grotto, Institute of Parks Administration.
Warrington, J. E.	Head Gardener, Essex School of Agriculture, Writtle.
Whitehill, J. E. E.	Adelaide Botanic Gardens, Australia.

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.

GEORGE EDWIN WOLSTENHOLME.

Many Kewites will learn of the untimely passing of G. E. Wolstenholme. He died in hospital at Ypres, Belgium, on 22nd July, 1962, while actually *en route* to England on retiring from the position as Curator of the Botanic Gardens, Georgetown, Demerara, British Guiana. He was on retirement leave at the time and transhipped at Amsterdam, intending to leave for England after a short visit to Ypres. His health had declined and he was admitted to hospital where he had a series of blood transfusions, but in spite of careful and skilled nursing the end came most unexpectedly. He is buried in the British Cemetery in Ypres.

Wolstenholme was born on 9th July, 1907, and received his early horticultural training at the Liverpool Botanic Gardens, thence to the Royal Horticultural Society's Gardens at Wisley before entering the Royal Botanic Gardens, Kew, on 11th November, 1929. While at Kew he served in the Tropical Department and was appointed Foreman in the Ferneries Department on 12th November, 1932, remaining in this charge until 26th September, 1934. He was then appointed Horticulturist and Sylviculturist to the Autofagasta (Chile) and Bolivia Railway Company, at La Paz, in Bolivia, Central America.* The outbreak of the World War II saw him due to return from leave to Bolivia but he resigned his appointment and joined H.M. Forces in September, 1939. He served with distinction until October, 1945, and was "mentioned in despatches for devotion of duty" in 1944. His army service was with the Royal Artillery, and he rose to the rank of Battery Quartermaster Sergeant. He was engaged mainly on anti-aircraft duties with convoys of merchant ships.

Following demobilisation he was appointed as Horticultural Officer for the Belgian Area of the Imperial War Graves Commission. He later resigned from the Commission and after a short period with the London County Council at Avery Hill he secured the post of Curator at the Botanic Gardens, Georgetown, British Guiana in November, 1950. While in Georgetown he remodelled many of the parts of the Botanic Gardens, and was responsible for inducing many of the residents in the colony to take a wider interest in horticulture by the many talks which he gave through the medium of wireless.

ERNEST G. DUNK.

* *Kew Guild Journal*, 1936, Vol. V, No. XVIII, pp. 562-4.

DR. W. B. TURRILL, O.B.E., F.R.S.

The death of Dr. W. B. Turrill, on 15th December, 1961, was reported briefly in the last issue of this *Journal*. Although it was known that his health had given cause for anxiety during the last year or two of his life, the suddenness of his death, nevertheless, came as a severe shock to his colleagues and friends. William Bertram Turrill was born at Woodstock in Oxfordshire on 14th June, 1890, and attended Oxford High School. At the age of sixteen he went to work in the Fielding Herbarium of the University of Oxford. His two and a half years' stay there brought him into contact, among others, with the late Dr. G. Claridge Druce, who undoubtedly encouraged him in his already keen interest in plants. In 1909 Turrill entered Kew as a technical assistant in the Herbarium where he came under the influence of many distinguished Kew men of the time.

As an evening student at the South Western Polytechnic, now the Chelsea College of Science, Turrill took his B.Sc. and M.Sc. degrees. In 1915 he was appointed to the permanent staff at Kew as Assistant in the Herbarium. When the first world war broke out in 1914 he was on a collecting expedition in Iceland but in due time found himself serving in the Royal Army Medical Corps on the Salonika front. It was inevitable that the plants of Macedonia should excite his interest and extremely fortunate that he was able to collect and preserve specimens under active service conditions. This interest in the plants of the Balkan Peninsula remained with him to the end and as a result of his researches into the flora of that area and after a number of further visits, his book, *The Plant Life of the Balkan Peninsula*, was published by the Clarendon Press in 1929. It was the botanical researches undertaken for this work that earned him the D.Sc. degree in 1928. After his release from the Forces Dr. Turrill worked on various plant families, in particular the *Cyperaceae*, though for many years he was in charge of the herbarium collections from Europe and the Orient. From his experience of herbarium methods with its emphasis on external morphology, Turrill at an early stage decided that in any critical appraisal of plants, criteria such as ecology, genetics, cytology, etc., could not be ignored. He labelled the conventional approach as "alpha taxonomy" and the wider treatment as "omega taxonomy". In consequence of this he started a small experimental garden near the Herbarium and tended it himself. Later he collaborated with the late E. M. Marsden-Jones in carrying out an elaborate series of genetical and transplant studies at the Potterne Biological Station near Devizes. The conclusions from these resulted in the publication of *British Knapweeds* (1954) and *Bladder Campions* (1957).

Dr. Turrill will be remembered by many Old Kewites as a stimulating lecturer on ecology and genetics. He had the rare gift of clear exposition of a subject which might otherwise appear dry

and uninspiring. Between the wars he also gave courses of lectures at Chelsea College and the writer has every reason to be grateful for them. Many old students will remember also the botanical excursions led by Turrill. Of Hurst Castle in particular when the expedition was as much a test of endurance as of botanical zeal. Few will forget the spectacle of our leader in shirt and shorts striding over the shingle beach with a very large vasculum over his shoulders. Happy days! The second world war naturally interrupted Turrill's researches. With three of his colleagues he was sent to Oxford in 1940 when many thousands of herbarium specimens and books were sent there for safety. Turrill was put in charge of the party and for the next five years worked for the Intelligence Division of the Admiralty on a botanical assignment.

It was not until 1946 that he took up his old duties at Kew. Shortly after his return he was appointed Keeper of the Herbarium and Library in succession to Mr. A. D. Cotton. In 1948 he became President of the Kew Guild and in the same year his book *British Plant Life* appeared. Since then he had published *Pioneer Plant Geography* (1953), *The Royal Botanic Gardens, Kew* (1959), and *Vistas in Botany* (1959). He had also written an account of the life of Sir Joseph Hooker which is at the present in the press. The value of Dr. Turrill's work had not gone unnoticed. He received the O.B.E. in 1955 and in 1958 had conferred on him the signal honour of Fellowship of the Royal Society. In the same year he received the Linnean Medal Gold from the Linnean Society. For services to horticulture the Royal Horticultural Society had awarded him the Veitch Memorial Gold Medal and the Victoria Medal of Honour. Dr. Turrill had edited *Curtis's Botanical Magazine* for the Society for a number of years.

W. B. Turrill had had a full and satisfying life. He appeared to have no absorbing hobbies or distractions, unless gardening be one of them. Although he had no children of his own he was passionately fond of them. Among them he was a different man and would play with them quite without reserve or self-consciousness. As a companion he could be amusing and stimulating and was a mine of information. He was a voracious reader and had amassed a collection of references on every conceivable subject, in addition, that is, to a most comprehensive collection of notes on botanical matters. His very large collection of botanical reprints and tracts was presented by him to the Bentham-Moxon Trustees a few years ago. These are deposited in the Kew Library where they are available for general consultation.

Kew has lost one of her most distinguished sons and there are many Kewites who will feel his passing as a personal loss. To Mrs. Turrill, who was his constant companion for 43 years, we offer our sincere condolences.

F. BALLARD.

JOHN ERSKINE LESLIE.

It is our sad duty to report the death of the grand Old Kewite, J. E. Leslie, at the age of 85 years, on 2nd November, 1962. Leslie was born at Aberlour, Banffshire, and he spent the first six years of his horticultural career working under his father who was head-gardener at Pitcullen House Gardens. After serving for a further year in a garden as Dunblare he entered Kew in March, 1901, where he developed a deep and lasting interest in tropical plants.

John Leslie left Kew in May, 1902, to take up the post of Assistant Curator at the Royal Botanic Gardens, Calcutta. Thus began a long and distinguished period of service in India. The details of these appointments are :—

Assistant Curator, Royal Botanic Gardens, Calcutta, April, 1902—June, 1904.

Assistant Manager, Cinchone Plantations, Bengal, June, 1904—October, 1904.

Superintendent, Public Gardens, Nagpur, October, 1904—April, 1924.

Superintendent, Horticultural Department, New Delhi, April, 1924—April, 1925.

Curator, Lloyd Botanic Gardens, Darjeeling, December, 1925—March, 1931.

Curator, Royal Botanic Gardens, Calcutta, March, 1931—November, 1932.

In addition to over 30 years of service in horticulture, Leslie was a member of the Auxiliary Force in India and he was awarded the Long Service Medal. His great interest in plants led him to undertake collecting expeditions which extended to the neighbouring countries—Sikkim and Tibet.

The following is taken from an address which was presented to Leslie by the Officers and Members of the Staff of the Royal Botanic Garden, Calcutta : “ Sir, the fact that you held charge of some of the important public Gardens in India bears eloquent testimony to your sound knowledge in horticulture. The great skill that you have displayed and the strenuous efforts that you have made to maintain the high scientific standard and the world-wide reputation of the Lloyd Botanic Garden, Darjeeling, as the centre of distribution of the Eastern Himalayan plants and seeds, are indeed worthy of admiration.”

Recently Mr. H. Thomas (1911), who knew John Leslie for the last six or seven years of his service in India, wrote—“ Leslie to me was a typical kindly Scot, always willing to help anyone and with a personality that attracted one’s regard from the start.”

We express our deep sympathies to those he leaves—a widow, three sons and one daughter.

W. NORMAN LAWFIELD.

It is with the deepest regret that we have to record the death of W. N. Lawfield on 30th August, 1962, at the age of 49, after a long illness.

Lawfield was born in May, 1913, and spent the early years of his training with one and a half years at Cross & Co., Nurserymen, Wisbech, three years at Cambridge Botanic Gardens and two years at Messrs. Ridgeon, a garden construction firm in Cambridge. His term at Kew was from September, 1937, to September, 1940. He also spent many years of practical gardening at Hampton Court and at several nurseries.

Mr. Lawfield had been an Assistant Editor of *Amateur Gardening* since 1950. In this post he devoted much of his time to answering readers' enquiries, but he also contributed many articles and wrote two important books—*The Encyclopaedia of Garden Pests and Diseases* with J. van Konyenburg and *Lawns and Sportsgreens*. He was in great demand as a lecturer and judge, and was always ready to help new horticultural societies, as indeed he was to help any individual from his great fund of gardening knowledge.

A gentle and kindly man, he will be greatly missed by his friends in local societies.

MISS V. M. CLARK.

Members who worked at Kew during the war will deeply regret the passing of Miss Clark, one of the team of women gardeners who worked at Kew during those fateful years.

We wrote to Miss Jessie F. Pedgrift, a very close friend of Miss Clark, who was also at Kew during the war. Miss Pedgrift sent the following account of her career—"Miss Clark began as an assistant gardener on the estate of Ewell Castle, Ewell, Surrey, and then moved to Garbrand Hall, also in Ewell, working in these two gardens for about four years. She then moved to Broadstairs and maintained small gardens until the outbreak of war. Miss Clark worked at Kew from September, 1940, until September, 1945. Returning to Broadstairs, she took up the maintenance of gardens and continued with this work until she was taken ill in February, 1960, and passed away in June."

Reference to the *Journal* for 1945, page 445,* will disclose the following paragraph—"Miss V. M. Clark and Miss J. F. Pedgrift, Landscape Gardeners, who were two of the first women gardeners to come to Kew in September, 1940, have returned to their business address: The Vale, Broadstairs, Kent."

A fine group photograph entitled "Woman Kew Gardeners, July, 1941" was published in the *Journal* for 1941, facing page 22.**

We send our very sincere sympathies to her friend Miss Pedgrift.

* *Kew Guild Journal* (1945), Vol. VI, No. LII, page 445.

** *Kew Guild Journal* (1941), Vol. VI, No. XLVIII, facing page 22.

MAJOR F. B. GRINHAM, M.B.E.

Earlier this year we received the sad news that Frank Grinham had passed away on 11th June—he was suddenly taken ill on 27th May with coronary thrombosis.

Frank Grinham left Kew to join up in September, 1914, with the Middlesex Regiment and served in France and Belgium.

In November, 1918, Grinham transferred to the War Graves Commission as Horticultural Officer in charge of one of the areas. In May, 1940, when during the fall of France he got away by the last boat to leave Calais, after a hazardous journey over fields in order to avoid German snipers. Actually he was fired at when he vacated his office in Wimereux.

Grinham returned to France in October, 1944, as Senior Horticultural Officer in France, Belgium, Germany and Holland, with the rank of Major. In 1947 Major Grinham was awarded the M.B.E. He returned to England in 1952.

Retiring from his life's work in the cemeteries in 1956, at the age of 65 years, Frank Grinham retained his great interest in trees and shrubs. In 1958 he went to live in Strommers, Orkney, where he was elected as Councillor on the Borough Council in 1961.

One of his main hobbies was carpentry and he made many articles of furniture for his home, but, unfortunately, these were lost in France.

He leaves a widow, Margaret Grinham, to whom we offer our very sincere sympathies.

DAVID MCGREGOR.

It is sad to record the passing of D. McGregor on 12th November, 1961.

Mr. David McGregor was born in Perthshire in January, 1883. Early in his horticultural career he spent six years in training in Dumbartonshire and at Wemyss Bay, Renfrewshire. He entered Kew in November, 1905, and after nearly two years as a student gardener he left for County Dublin to work at St. Anns Clontarf as outside foreman, and later as head gardener.

In the early 1920's he became gardener at Creigau Park, Pentyrch, South Wales, a post which he held until he retired early in the last war.

He later went to the Cardiff Parks Department as propagator for the war period. When the parks staff returned from service, "Mac" once more retired, although he undertook various maintenance jobs until quite recently. He was an enthusiastic member of the Cardiff Gardeners' Association and an elder of his Church, and these two interests became his whole life.

A gentle, kindly man, who thought so much of Kew and Kew men. A loyal friend and a great lover of plants.

Our sympathy is with his widow, Florence E. McGregor and three sons.

G. R. GREGORY (1925).

MAJOR F. R. LONG,
A.H.R.H.S., F.I.L.A., F.Inst.P.A. (S.A.).

Frank Reginald Long, born on the 20th October, 1884, died on the 5th December, 1961.

"F.R.L.", as he was popularly known, entered the firm of Messrs. Hillier and Sons in the year 1900 after having completed his education at Trafalgar House School, Winchester. Destined by his parents for a bank, F.R.L. determined otherwise, namely a horticultural career. In April, 1905, Mr. Long entered the Royal Botanic Gardens, Kew, serving in the Herbaceous Department and the Alpine Department.

In 1908, on the advice of Sir David Prain, then Director of Kew, Mr. Long was appointed as Superintendent of Government Plantations, Agricultural Department of Federated Malay States. He arrived in Tiaping, Perak, and took charge of a hill station, Public Gardens in Tiaping and Ipoh, and experimental gardens at Tegah. In 1911 Mr. Long resigned from the Federated Malay States government service and took up rubber planting, serving with Temerloh Rubber Company in Perak. In 1917 he spent a sick leave period in South Africa, and during this spell arranged to take up land in the Sunday's River Settlement at Addo, in the Cape Province.

In 1921 Mr. Long joined the Port Elizabeth Parks Department under the late J. T. Butters. In 1929 the Port Elizabeth City Council offered him the control of the joint departments of Parks, Beaches and Public Recreations. Then followed the re-modelling of three major parks and swimming baths. He officially retired in 1944 from the Port Elizabeth Municipality.

Without doubt, his first love was the preservation of the indigenous flora. During his 40 years connection with the Eastern Cape Province of South Africa he made numerous botanical excursions to form a fair sized herbarium that is housed in the Port Elizabeth Museum, as well as many contributions to the Kew Herbarium. His name is perpetuated by two plants that were new to science—*Gasteria longiana* and *Haworthia longiana*. Mr. Long was a man of action on the many committees on which he served, some of which were: Wild Life Protection Society, E.P. Wild Flower Society, Settler Park Nature Reserve Advisory Board, etc.

For eleven years prior to his death Mr. Long was a horticultural consultant operating on his own account.

To his wife, son and daughter, we extend our deepest sympathy.

L. N. PROSSER (1938).

Major Long was a very keen Kewite and a great friend and helper to the Editor of the *Kew Guild Journal*. Most of the recent *Journals* provide evidence of his interest and keenness.

For an account of Major Long's war work, please refer to *K.G.J.*, 1943, Vol. VI, No. L, p. 281.

REV. WILLIAM CHARLES SMITH.

News reached us during 1961 that the Rev. W. C. Smith had passed away. He was fondly known by his contemporaries as "Father Smith".

Smith entered Kew on 5th September, 1898, after five years of experience in horticulture including a term at the Glasgow Botanic Gardens, where he took advantage of the opportunity to study Botany at Glasgow Technical College. He made good progress at Kew and in June, 1900, was appointed label writer. At Kew in February, 1901, Smith gave a paper to the Mutual Society on Stove plants and with William Watson in the Chair, a great authority on these plants, this must have proved quite a formidable task. During this period also Mr. Osborne recalls that W. C. Smith was one of the hardest workers for the Guild on Committee.

He left Kew in June, 1902. The *Journal* records that, in 1907 Smith, "after studying for some years at the House of Sacred Mission, Kelham, Newark-on-Trent (Church of England), took Holy Orders in January last and is now Curate of St. Mary's Blyth, Northumberland. It is to be hoped that he will attend the Guild dinners and act as Chaplain". This he did on occasion in later years.

In 1913 he went out to Queensland, Australia, returning to this country in 1927. We know little of his movements until 6th September, 1942, when he conducted his first recorded Baptism as Vicar of St. Barnabas, Bow, E.3. He remained as Vicar of the Parish until 24th June, 1945, but the church was destroyed by bombing shortly after his induction and the records and information regarding him have been lost or destroyed.

Smith was instituted Rector of Binegar, nr. Bath (a Bishop's appointment) in 1945, resigning the living in 1949. He was a single man and his sister kept house for him whilst he was Rector of Binegar. During his incumbency improvements were carried out at the Church and as a result of his interest in young people he formed the Church Youth Club.

Leaving England he again sailed for Australia spending several years in N. Queensland. He returned to this country about 1957 and was staying at the house of his former Churchwarden of Binegar, Mr. Lambert, who had since moved from the parish.

At his own request he was brought to Binegar for burial. The grave is west of the Church in the new Burial Ground which adjoins the closed Churchyard. His epitaph reads as follows:—

IN
 CHERISHED MEMORY OF
 WILLIAM CHARLES SMITH
 Rector of this Parish 1945 to 1949
 Died 16th July 1958 aged 80

Thus has passed one whose work began in the Gardens, who served Kew and the Guild in the days of William Watson and Sir William Thiselton-Dyer and who later answered the call to cultivate Christian beliefs in men's hearts. Perhaps his earlier work with plants played some part in his decision to enter the Ministry of the Church? He chose a walk of life which, to our knowledge, no other Kewite has entered.

We thank the Rev. Christopher Johnson of St. Barnabas, Bow, and Rev. A. F. Martin Langley of Binegar for their help in sending information for the obituary of this distinguished Kewite.

JOSEPH BERNARD REARDON

Mr. J. B. Reardon passed away on 19th September, 1960, his death being due to a brain tumour.

Reardon, born in February, 1893, received his early training at Donerails Court, Co. Cork and later in Co. Kildare. This was followed by his studentship at Kew which commenced in July, 1914, and ended during October, 1915. Sailing for the United States, his first position of much consequence was at Harvard Botanic Gardens, Harvard University. This he held for a short period only before responding to the general call to arms. He enlisted in the U.S. Navy and served as radio operator on submarines. Very kindly his sister has lent a photograph taken during his period of service, and many of his vintage will remember him from this.

Then, as continued by his second wife who he married in August, 1937, her maiden name being Violet Marie Rosa—" . . . on discharge returned to this position. Later he sold and supervised landscaping on estates along what is known as 'Philadelphia Main Line'. During the depression this firm went out of business. He next went to New York State Conservation Department where he supervised planting of trees for conservation. Later attached to Loretta Nursery, Little Silver, N.J., he sold and supervised landscaping along the New Jersey Coast. In 1938 he became manager of a large farm estate in Rockland County, N.Y., remaining until 1944 when he took a post of horticulturist at Manhattanville College, New York City. He left this position to accept an offer as horticulturist at 'Farncliff', the Rhinebeck, N.Y. estate of the late Vincent Astor. He retired from here on May 16th, 1952, at which time we went into our own home at Red Hook, N.Y., where we planned to start a small business of our own, doing landscaping and forestry. However, at the time he left 'Farncliff', he was already ill, and we were never able to get started."

Thus we record the career of one who helped to build up the fine reputation which Kewites have in the United States. We offer our sincere sympathies to the two sons and two daughters of his first marriage and to his widow.

PHILIP ARTHUR CHANDLER.

It is our sad duty to record the death of Mr. P. A. Chandler. He died suddenly on 11th August, 1962, after an accident.

Philip Arthur Chandler was born at Richmond, Surrey, in 1913, and on leaving school commenced on his career in the gardens of the Wesleyan College in Richmond. Following employment in the gardens of Holland House, Kensington, and at Battersea Park, he became a Student at John Innes Horticultural Institute at Merton where he gained his N.D.H. After a year's further training at the Royal Botanical Gardens, Kew, he went on exchange for twelve months to the Bronx Botanical Gardens, New York, in 1938. However, he did not return to this country at the end of this period but obtained an appointment in the Botanical Gardens in Montreal where he stayed until 1943. He then went into business as a Nurseryman on his own account near Vancouver, B.C., which he sold in 1948 and following a tour of this country and parts of Europe, obtained an appointment with the University of California.

In his work at the University as Principal Laboratory Technician, Department of Plant Pathology, Chandler was an active participant in the development of the U.C. "soil mix"* now recognised throughout the world. He was also a member of the team which developed clean stock geraniums and was at work on similar projects in developing clean stock Easter Lilies and improved plant culture.

These words were prepared by a friend of Philip A. Chandler and read at the Burial Office in Los Angeles by the Rev. J. Farnsworth:—

"Philip A. Chandler's life was concerned with living things; as a scientist and a gardener with plants, as a man with people; his body was never strong, but with his hands and his mind together he did more for his colleagues, his friends and the world of his interest than many robust and capable men. He began from simple facts and simple things, and by the use of unending curiosity and intelligence he penetrated deep into the world of nature. His work began in gardens, but it extended to the country, and is, and will be in the future, of increasing benefit to farmers and humanity. He was one of a group of people whose work will teach mankind to survive the pressure of expanding population and mutual fear.

"His personal life revealed the same understanding of everyday things, associated with scientific and artistic perception. His friends included children and adults, his interests included the arts as well as science. He had a sensitive love of music, ballet and the theatre; and his reading was wide and discriminating. In everything he did his intellectual qualities appeared, but always in the end his mind and his wide interest brought him back to people, his friends, the wider circle of

* Please refer to page 168.

the community in which he lived, and humanity. He began and ended with simple human things, but, in between, the circuit of his mind and interest covered a very wide range, and his work and actions benefited many people."

It was only three weeks before his death that his letter reached us. In it he recalled that he was one of the few Kew men born in Richmond and that he still considered it as his native home with relatives living in the town. He also forwarded two copies of Manual 23, The U.C. System for producing Healthy Container-Grown Plants.

He is survived by his widow, Madeline, and his mother, three brothers and a sister in England. We offer our sincere sympathies.

CHARLES HAROLD ROBSON.

Charles H. Robson gave his life in the South-East of France in early August, 1962, to save his eight-year-old younger son from drowning in the rough sea off the coastal town of Dax. He was holiday-making with his wife, Kay, and his two sons, Michael, 14 and Andrew, 8. As Mr. Robson and his sons swam in the rough sea, Michael was carried away from the shore by the tide. Robson struck out after him, reached the boy and slowly towed him back to safety. The effort however, proved too great and although Andrew was able to reach the shore his father collapsed exhausted and was swept back into the sea. His body was later washed ashore about half-a-mile further down the coast.

Mr. Robson was a keen swimmer and played an active part in the activities of the Swimming Club whilst he was at Kew.*

C. H. Robson was born at Saffron Walden on 30th August, 1908, and his education included a course at the Essex Institute of Agriculture. Early in his career he spent three years (1928-30) landscape gardening whilst employed by Messrs. J. Cheal & Sons, Crawley. Robson entered Kew as a student in 1931 and developed an extensive knowledge of trees and shrubs with 1½ years in the Arboretum Nursery.

When he left Kew he became a working Manager of a nurseryman and landscape gardener for the period 1934-39. In 1947 Mr. Robson joined the Hampshire County Council Staff as Horticultural Superintendent, a post which led to his work with the tree and shrub plantings on several miles of the Winchester By-Pass. The post which he held until his untimely death, that of Forestry Officer in the County Land Agent's Department, Essex County Council, was taken up in 1949.

Our very sincere sympathies are extended to his family.

* *Kew Guild Journal* (1932 and 1933), Vol. V—No. XXXIX, p. 135, and No. XL, p. 241.

E. J. DOWNES, M.B.E., A.H.R.H.S

"We went to Hope Gardens for a breath of fresh air and we wondered why the Union Jack was at half-mast. It was only the next day that we learned of the grievous loss to the Jamaican community. Jack Downes had passed away"—thus read one the obituaries in a local Jamaican paper on 2nd August, 1957. He died at Mandeville on 1st August, 1957.

Edward John Downes was born in Nenagh, Tipperary, on 7th June, 1893, and was educated at Hertford County School. He worked for 6½ years under his father who was head-gardener at Holmewood, Cheshunt, Hertfordshire, when he joined for service with the Royal Navy Air Service. His studentship at Kew began in September, 1919, ending during October, 1920, when he was appointed as Assistant Superintendent, Public Gardens, Hope Gardens, Jamaica, on the recommendation of the Director (Kew).

In 1924 Downes was appointed Horticulturist to the Agricultural Department, and later in 1943 he became Superintendent of Public Gardens, a post which he held until his death, when he was about to retire from active responsibility and enjoy the fruits of long years of labour.

The name and memory of Jack Downes will forever be connected with the Hope Botanical Gardens, for when he took his appointment of Superintendent in 1943 he redesigned the Gardens making them the show place not only of Jamaica but of the entire Caribbean.

In 1953, when Her Majesty the Queen visited Jamaica, Mr. Downes transformed the bare dusty acres of the former Kingston Racecourse into the "tree-shaded and flower-gladdened George VI Park". For his outstanding services he was awarded the M.B.E. In 1953 also he was recognised by the Royal Horticultural Society when he received an Associateship of Honour which, in the words of Mrs. Downes, he deeply appreciated.

High tribute to the work and worth of Downes was paid by the Chief Minister, the Hon. Norman Manley on the day of his death, during the course of his speech at the opening of Denbigh Agricultural Show. He said: "the whole country regretted the passing of Mr. Downes, who had made a tremendous contribution to the development of the Hope Botanical Gardens, and all the public places in Kingston had been beautified by his hands and his love of flowers and flowering shrubs and trees. Right in the middle of the Show ground was evidence of the great work of Mr. Downes. Jamaica has lost one who spent his life-time in the service of the country".

He is survived by his wife, the former Vera Veira, a noted violinist and also by a son and daughter. Kewites send their sincere sympathies to his relatives, and their best wishes to those whose task it is to care for the Gardens to which Jack Downes devoted the best years of his life.

Finally it should be placed on record that two of the six Jamaicans who work at Kew have worked for Downes in the Hope Gardens—when informed of his death they remarked: “he was a good boss”. There could be no finer tribute.

DANIEL HASPELS.

Regretfully we record that Mr. D. Haspels, an Old Kewite who spent most of his life carrying out the “traditions” of Kew on the Continent, passed away at Bussum, near Amsterdam, on 13th August, 1959.

Haspels was born at Nijmegen on 21st October, 1893. In 1913 he obtained his Leaving Certificate from the Government High School for Horticulture at Boskoop and followed his studies by a period of practical work at Frankfort, Germany.

In 1914 he entered Kew as a student gardener, remaining until October, 1916, when he returned to Holland and was employed by D. M. Fersteeg, a garden architect of considerable merit in Naarden (near Bussum). The two worked in close harmony for more than 20 years and laid out important gardens, parks and cemeteries all over the country.

Upon the retirement of Mr. Fersteeg, Mr. Haspels began a practice of his own. One of his outstanding creations in this period was the layout of the Central War Memorial Cemetery at Loenen, a work which was completed a few years before his death. However, Haspels not only worked on large-scale layouts, he was interested in the problems and designs of small gardens.

He was adviser to many civic authorities—Eindhoven, Landvoort, Berge, Blor, for example. Also to the Department for the maintenance of dykes, roads, bridges and canals of the district Noord-Holland.

Daniel Haspels contributed much to the profession as a whole. In the words of his wife: “The training of young garden architects had his whole heart. During his years of chairmanship of the Association of Dutch Garden Architects (the Bond Nederlandse Tuinarchitecten) he had the pleasure of seeing his fondest hope fulfilled, the foundation of a committee responsible to award the title Garden Architect, a move which was supported by the Department of Agriculture. This committee holds examinations at three-year periods and awards certificates to successful candidates”.

Throughout his career Mr. Haspels was proud of his membership of the Kew Guild and was always interested in its publication.

We send our sincere sympathies to his widow and to his son, Mr. J. J. Haspels, who has followed in his father's footsteps as a garden architect.

A. F. BAKER, F.Inst.P.A. (S.A.).

One of South Africa's most prominent Kewites passed away on 26th September, 1962. Born in Devonshire on June 23rd, 1891, A. F. Baker started his horticultural career at a well known Devonshire Nursery. He first went through the floral and decorative departments, and from these to the fruit department. He then served in the landscape department until leaving Devonshire for the famous Coombe Wood Nurseries of Messrs. James Veitch at Kingston Hill, Surrey.

During his stay with "Veitchs", he specialized in the propagation and growing of choice trees and shrubs, for which that firm was famous. During the budding and grafting seasons, he assisted with rose-budding and fruit grafting at Veitch's Langley Nurseries. He entered Kew in October, 1912, and in April, 1913, he was appointed Sub-foreman at the Kew Arboretum, under Mr. W. J. Bean and Mr. A. Osborne.

During the 1914-18 war, he served for four years in France and the Balkans. On being invalided home in February, 1918, he was placed in charge of the Food-production Department of the Northern Command, with headquarters at Blackpool, where vegetables were produced for the troops and hospitals in that area.

On returning to Kew, he remained at the Arboretum until April, 1920, being awarded the "Hooker" Prize in 1919-1920 for British Botany.

He went to South Africa in April, 1920, as manager to a floral farm on the Rand. In December, 1920, he was appointed Assistant Superintendent of Parks, Municipality of Bloemfontein, and was appointed Superintendent in 1924, retiring in June, 1951.

Mr. Baker was responsible for much of the development of the Parks and Gardens in Bloemfontein. He quite rightly specialised in water gardens, formal, water fountains and pools. Baker's name will always be associated with the layout at Mazelspoort.

We extend our sincere sympathies to his widow, Mrs. Edith Baker.

MR. A. D. COTTON, O.B.E.

It is with sorrow that we record the death, at the age of 83, on 27th December, 1962, of Mr. Cotton. He was Keeper of the Herbarium from 1922 to 1946, President of the Kew Guild 1940-41, and Editor of the *Kew Guild Journal* 1941-45. He appears in a photo—*K.G.J.* 1942, Vol. VI, No. XLIX, p. 187.

A full obituary will appear in the next *Journal*.

STEPHEN GRUBER CUTTING

Kewites at home and abroad learnt with great regret of the death of Stephen Cutting—he died at his home in Hamden, Connecticut, on 1st May, 1961, aged 49.

Cutting was born in Krisherville, New York. He was a graduate of New York Botanical Garden, and was an exchange student gardener with Kew, which he entered in July, 1937. He served in the Palm House, No. 1 (Aroid H.), No. 5 (Succulent H.) and No. 4 (Conservatory H.). Leaving Kew in July, 1938, his next move was to Berlin-Dahlem Orchid House, Berlin Botanic Gardens.

Mr. Cutting died as a horticulturist at the Yale University School of Forestry, but prior to this employment he was head gardener at the John D. Rockefeller, 111 estate, Westchester, New York.

He was well known for his lectures on plant growth and was the author of a number of papers on that subject. He frequently acted as guide on estate tours of the New York area. For many years also, Mr. Cutting acted as Secretary-Treasurer of the Association of Kew Gardeners in America.

He is survived by his widow, Reba Cutting, two sisters and two brothers—to whom we extend our sincere sympathies.

We also regret to announce the death of the following Kewites:—

J. T. Johnson (1904) on 10th July, 1962.

A. Swanton (1903) late in 1961.

R. H. Locke (1904) in July, 1953.

J. M. Darrell (1939).

G. H. Oliver (1912) on 23rd June, 1960.

H. Ritchings (1927) on 31st December, 1962.

W. MacLaggen (1907) on 29th September, 1960.

We hope to publish obituaries for these past members in the next issue. We would be grateful for any information you can send concerning them.

“The World’s one only garden dedicated to Peace lies nestled in the beautiful Turtle Mountains on the border of North Dakota and Manitoba”.

The original idea was conceived by the late Henry J. Moore (1907). His obituary may be found in the 1946-47 *Journal*, Vol. VI, No. LIII, page 590.

Commemorating as it does 150 years of peace that have happily existed between the United States and Canada, the International Peace Garden symbolizes the fact that two nations can and do live in peace and harmony along the longest unfortified boundary in the world. Totalling over 2,300 acres, the standard of upkeep and development is very high.

KEW STAFF LIST

(As on 1st December, 1962)

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

‡ Formerly a Student Gardener.

	<i>Entered Kew</i>
DIRECTOR'S OFFICE	
Director	Sir George 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, O.B.E., D.Sc., F.L.S. 1920
Secretary (Senior Executive Officer)...	R. W. King, D.F.C. 1959
Higher Executive Officer	B. W. Brownsey
Executive Officer	R. Fender
"	S. J. Williamson
Clerical Officer/Secretary	Mrs. A. M. E. Kendall
Clerical Officer	G. F. Lamb
"	G. Calcutt
"	H. D. Barlow
"	F. A. Cole
"	Mrs. S. M. Shury
"	Miss I. C. McFarlane
"	Mrs. H. Walters
Clerical Assistant	Mrs. R. E. Fairbanks
"	Mrs. F. I. Hughes
Shorthand Typist	Miss B. Saunders
Typist	Mrs. M. Longman
Telephone Operator	Miss M. D. Ball
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
"	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. Brennan, M.A., B.Sc., F.L.S. 1948
"	J. B. Gillett, M.A., F.L.S. (D.T.C.) 1949
"	*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
"	D. A. Reid, B.Sc. 1951
"	F. N. Hepper, B.Sc., F.L.S. 1950
"	L. L. Forman, B.Sc., F.L.S. 1951
Scientific Officer	Miss B. J. Youngman, B.Sc. 1950
"	P. F. Hunt, M.Sc., F.L.S. 1959
"	Miss F. M. Jarrett, M.S., Ph.D., F.L.S. 1959
"	E. R. Guest, B.Sc., A.R.C.S., A.I.C.T.A. (Iraq)
"	C. Jeffery, B.A. 1957
"	Miss S. Carter (Mrs. Holmes), M.Sc., F.L.S. (D.T.C.)
"	R. M. Polhill, B.A. (D.T.C.)
"	D. R. Hunt, B.A. 1961
"	A. R. Smith, B.Sc. 1962

	<i>Entered Kew</i>
Botanist (Bentham-Moxon)	H. K. Airy Shaw, B.A. 1925
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. (D.T.C.) 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
" " " "	D. V. Field, B.Sc. 1960
" " " "	D. N. Pegler, B.Sc. 1960
" " " "	Miss J. K. Bowden, B.Sc. 1949
" " " "	Mrs. D. E. M. Evans. 1959
Senior Scientific Assistant	Miss J. Forster
Scientific Assistant	Miss I. Blewett
" "	Miss S. V. Underwood (D.T.C.) ... 1962
" "	Miss J. L. M. Fletcher (Mrs. Pinner)
" "	J. L. Gilbert
" "	Miss P. Halliday
" "	Miss J. E. Hawkins (Mrs. Barwani) (Index Kewensis)
" "	Miss J. McEwan
" "	Mrs. P. Z. Kennedy O'Byrne (Cyprus)
" "	Miss A. C. Uchlein
" "	Miss D. Moscoff (D.T.C.)
" "	Miss D. B. Cousins (D.T.C.)
" "	Miss V. Mann
" "	Miss T. A. Bence
" "	Miss S. K. Walton (Mrs. Low)
" "	Miss F. L. Mills
" "	Miss R. Rutherford (Fl. Zamb.) ... 1961
" "	Miss J. I. Packham
" "	Mrs. A. Baker
" "	Miss M. McCallum-Webster
" "	R. E. Ball
Senior Photographer	R. R. Zabeau
Illustrator	Miss M. A. Grierson
Librarian	R. G. C. Desmond, F.L.A. 1961
Assistant Librarian	R. Davidge, B.A., A.L.A. 1958
" "	Miss K. E. W. Rattue, A.L.A. 1961
Library—Clerical Officer	Miss M. Kierans
" " " "	Mrs. P. G. Warris
" " " "	Miss H. M. White
" " " "	Mrs. I. M. Stride
" " " "	Miss O. M. Sutton
Clerical Assistant	Mrs. D. G. Marsh
Senior Preparer	Mrs. H. Wootton
Preparer	Miss D. J. Bowman
" "	Mrs. L. Glenister
" "	Mrs. D. J. Mitchell
" "	Mrs. M. W. Glover
" "	Mrs. H. Dzilna
" "	Miss Q. V. Skan
" "	Miss I. L. Taylor
" "	Mrs. V. E. Baker
" "	Mrs. D. B. Boaler

Entered

Clerical Officer	G. D. Gibbs.....	Kew	1958
" "	Mrs. L. A. Kell.....		1949
" "	Miss G. M. Pring.....		1954
Clerical Assistant	Mrs. E. McKinnell.....		1960
Shorthand Typist	Mrs. H. M. Skews (D.T.C.).....		1953
" "	Miss G. M. N. Briggs.....		1962
Typist	Mrs. B. Doughty.....		1961
"	Mrs. I. M. Chambers		1961
"	Mrs. M. Brind.....		1955
"	Mrs. B. F. Saunders.....		1952
"	Miss M. E. Long (D.T.C.).....		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., F.L.S.....		1960
Scientific Officer	Miss M. Y. Stant, B.Sc., Ph.D....		1950
" "	D. F. Cutler, B.Sc., F.L.S.....		1962
" "	C. J. Marchant, B.Sc.....		1962
Experimental Officer.....	Miss M. Gregory, B.A.....		1961
" "	F. Richardson.....		1934
Assistant Experimental Officer.....	J. B. Smith, B.Sc.....		1962
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. E. Angel, B.Sc.....		1959
Exhibition Officer.....	Mrs. B. Christopher, N.D.D.....		1960
Museum Craftsman	A. J. Parkes.....		1960
Clerical Assistant	Mrs. D. M. Richards.....		1961
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, A.R.P.S. (Tropical)		1936
" "	†J. E. S. Souster, N.D.H., F.L.S. (Temperate)		1941
" "	†G. E. Brown, N.D.H. (Arboretum S.)		1946
" "	G. J. E. Yates, N.D.H. (Decorative)		1961
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
" "	E. W. Macdonald (Succulents—Tropical)		1950
" "	†A. J. Hale (Temperate House).....		1955
" "	†F. Larkbey (Decorative).....		1947
" "	†G. Nicholson (Orchids—Tropical)		1947
" "	†A. G. Cook (Herbaceous and Rock Garden—Prop.)		1948
" "	†R. I. Beyer (Alpine and Herbaceous)		1959
" "	R. J. Sadler (Arboretum N.)		1951

	<i>Entered Kew</i>
Foreman Gardener	A. D. Schilling (Arboretum Prop.) 1959
" "	J. B. Simmons, N.D.H. (Tropical Prop.) 1958
" "	A. D. Stevens 1956
Shorthand Typist	Miss A. G. Barton 1953
Storekeeper	C. R. Claxton 1960
Bird Keeper and Pests Operator	H. Allen 1958
Seed Collector	J. Mateer 1952
Gardener Grade I	C. W. Preston 1922
" "	C. H. Bowditch 1958
" "	F. L. Burnell 1946
" "	H. Hockley 1942
" "	F. H. Jackman 1940
" "	J. Slater 1945
" "	†R. Rule 1956
" "	J. Pruuden 1956
" "	B. J. W. Bernard 1960
" "	P. M. Lambie 1961
" "	J. M. Kerr 1961
" "	F. G. Greenough 1958
" "	M. J. Harrington 1960
" "	E. A. Pooley 1935
" "	Miss V. A. Carder 1955
" "	Miss G. Dawson 1959
" "	Miss G. A. Brown
" "	D. E. Coates
" "	J. M. Catto
" "	C. R. Piper
 CONSTABULARY	
Sergeant in Charge	W. Leaver, B.E.M. 1935

STUDENT GARDENERS.

<i>Name</i>	<i>Entered Kew</i>	<i>Name</i>	<i>Entered Kew</i>
J. A. Maddox	1961	P. H. Bridgeman	1962
F. Rahman	1961	A. D. MacArthur	1962
H. Bell	1961	C. S. Pead	1962
P. S. Brooks	1961	Miss J. G. H. Trutch	1962
A. J. Rose	1961	D. N. Pierce	1962
M. J. Theron	1961	A. Armony	1962
M. Tyas	1961	R. H. S. Winter	1962
K. R. Woolliams	1961	G. Spate	1962
R. C. Ward	1961	J. R. Woodhams	1959
M. J. Griffin	1961	Miss M. J. Dennis	1962
J. D. Higham	1961	Miss L. Tickner	1962
J. D. H. Smith	1961	B. J. Salter	1962
D. J. Breach	1961	J. Elsley	1962
C. D. Mason	1961	Miss K. Burlingham	1962
A. J. Mitchell	1961	M. H. Dodge	1962
G. J. Leaver	1961	C. Popham	1962
K. M. Fellows	1961	R. Trewinard	1962
J. B. Gaggini	1961	R. F. Deans	1962
D. W. Ralston	1961	R. Marshall	1962
J. D. Helliwell	1962	M. Bental	1962

IMPROVERS AND BOYS.

E. R. Bull, A. R. Watkins, A. E. Horrocks, J. F. Norris, R. K. Edwards, D. A. V. Morgan, D. M. Norris, E. A. Williams, B. W. Coston, P. F. Smith, D. Waddell, D. J. Windle, D. Newman, A. Wright, R. J. Ardley, P. J. Francis, P. Gooding, E. K. Lee, P. E. Wilson, D. E. Harris.

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., 45 Hillcrest Road, Offerton, Stockport, Cheshire.
 1938. *Addison, G. H.
 1957. Addison, P., N.D.H., 14 Tauton Road, Wallasey, Cheshire.
 1960. Adshead, P., Rothley, Kingsgate Road, Winchester.
 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., c/o Dr. Alcock, The Old Rectory, Sowton, Nr. Exeter, Devon.
 1962. Aldous, J., Horticultural Planning Assist., Stevenage New Town, Stevenage Borough Council, Herts.
 1946. Allen, Miss B. (See Mrs. F. Christopher).
 1948. Allen, F. H., Coombe Villa, Wotton-under-Edge, Glos.
 1961. Allen, J., Red Cottage Gardens, Ltd., Landscape Trees, Ltd., The Arcade, Camberley, Surrey.
 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, 10, S.S.
 1945. *Ambrose, Miss R. M. (See Mrs. J. Souster), 193 Kew Road, Richmond.
 1957. Amoah, G. K. A., Ministry of Works and Housing, P. & Gdns. Div., P.O. Box 43, Accra, Ghana.
 1926. *Anderson, A. W. C., N.D.H.(N.Z.), 224 Church Street West, Timaru, N.Z.
 1910. *Anderson, J. W., 30 Sandilands Road, Baguley, Manchester, 23.
 1956. Andrews, B. R., Park Dept., City Hall, Edmonton, Alberta, Canada.
 1947. Andrews, R. H., 67 Chiltern Avenue, High Wycombe, Bucks.
 1922. *Andrews, W. G., 15 Lindsay Avenue, Levenshulme, Manchester, 19.
 1962. Anwyl, R. B., 18 Wardenmere Road, Coulsdon, Surrey.
 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., Duggelistrasse, 9, Cham/Z.G., Switzerland.
 1931. Atkins, L. G., N.D.H., 14 Wharfedale Drive, Fosse Estate, Newark Road, Lincoln.
 1958. Atkinson, Miss A. L. M., N.D.H., Jardin Botanique, Les Cédres, St. Jean-Cap-Ferrat (A.M.), France.
 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., School Ground Dept., The Willows, 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.
 1920. *Baker, E., The Myrtles, 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.
 1961. Ballard, F., B.Sc., A.R.P.S., 24 Grove Park Road, Chiswick, London, W.4.

LIST OF OLD KEWITES WHOSE ADDRESSES ARE UNKNOWN

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

- | | |
|---|--|
| 1924. *Aikman, Miss M. G. | 1917. *Juul, T. |
| 1949. Ainslie, E. | 1929. Korn, W. |
| 1944. *Ashby, Mrs. O.
(Miss F. A. Sharps) | 1949. Lavender, F. R. |
| 1954. Ashley, R. F. | 1931. Lee, J. |
| 1914. Bailey, A. G., M.A. | 1950. Marden, J. A. |
| 1952. Bentham, H. | 1926. Longhurst, W. A. |
| 1928. Birkentall, J. | 1903. Martin, L. G. |
| 1951. Brooks, V. | 1934. Martin, L. P. |
| 1943. Brown, J. | 1959. Mason, J. D. |
| 1951. Brown, J. | 1954. Massey, A. |
| 1947. Buller, Miss A. G. | 1949. May, C. J., |
| 1946. Christopher, Mrs. F.
(Miss B. Allen) | 1902. *McAllister, W. |
| 1908. *Close, A. W. | 1907. *MacLaggan, W. |
| 1936. Cross, G. H. | 1952. Mellors, G. |
| 1959. Crossman, J. H. | 1900. *Mills, G. |
| 1922. *Davis, Mrs. (Miss O. Rudolf) | 1958. Morgan, Miss B. M. |
| 1910. Derwall, F. L. G. | 1933. Mould, A. |
| 1901. Duncan, D. | 1921. Morgan, Mrs. R. (Miss R. Williams) |
| 1912. *Endres, H. W. | 1954. Murden, R. |
| 1942. Flew, Miss M. G. | 1925. *Nisbett, E. I. |
| 1932. Gordon, J. D. | 1925. *Phillips, S. T. |
| 1898. Grindey, W. | 1940. Prior, M. C. |
| 1918. *Halkerston, Mrs. D.
(Miss D. Kermodé) | 1900. Purves, J. M. |
| 1912. *Harris, C. H. | 1934. Robinson, H. P. |
| 1919. *Hazel, C. | 1918. Snelling, Mrs. D. (Fuller). |
| 1951. Heughes, I. M. | 1948. Stevenson, Mrs. E. |
| 1951. Hughes, I. M. | 1948. Templeton, J. |
| 1920. *Hunter, W. G. | 1901. Turner, A. |
| 1947. James, K. H. | 1946. Thomas, J. |
| 1917. Jameson, Mrs. (Miss R. Hart) | 1918. Trench, Mrs.
(Miss P. C. Hume-Sary) |
| 1925. Jensen, A. L. G. | 1916. Trouppe, Mrs. (Miss A. Yencken) |
| 1928. Johansson, E. G. | 1944. Waller, Mrs. N. (Miss M. Shallcross) |
| 1949. Johnson, G. | 1921. *Walters, E. A. |
| 1937. Joy, C. A. | 1919. Ward, W. A. |
| | 1905. *Weight, G. H. |
| | 1959. Willoughby, B. J. |

- 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 15s.]
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. These rules may be altered by a two-thirds majority of those present and voting at an Annual or Special General Meeting. Any proposals for the alteration of Rules shall be sent to the Honorary Secretary in writing at least twenty-one clear days before the date of the Annual or Special 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 or Special General Meeting.

12. A motion to dissolve the Guild may only be made at a Special General Meeting and to effect a dissolution at least three-quarters of the members actually present and voting at the meeting shall vote in favour of the dissolution. If a motion to dissolve the Guild is carried by the said majority the Guild's surplus funds, property and assets (if any) shall be disposed of for charitable purposes in connection with education and research and particularly for such charitable purposes of education and research in connection with botany and horticulture as the members may at the said Special General Meeting decide, or failing any such decision, to a charity connected with botany and horticulture to be nominated by the Director of the Royal Botanic Gardens, Kew, for the time being, to the intent that no member of the Guild shall receive any of the said funds, property and assets by virtue of his membership.

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