

THE
JOURNAL
OF THE
KEW GUILD

FOUNDED—1892

AN ASSOCIATION OF
MEMBERS OF THE KEW STAFF
PAST AND PRESENT

1967

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FRANCIS PHILIP KNIGHT

President, 1967/68

Now in his sixty-sixth year, our President was born in the Parish of Werrington which in recent years has been transferred from Devon to Cornwall.

He was the ninth of a family of twelve and was already working as a garden boy in the gardens of Werrington Park when he was fourteen years old. This estate, as well as that at Caerhays Castle, was at that time owned by the late Mr. J. C. Williams.

Frank Knight, as he is always known, was fortunate in being launched into horticulture at the time when his employer was helping to finance the plant collecting expeditions in China by Mr. George Forrest. The seeds collected by Mr. Forrest came mainly to Werrington Park. The 1914-1918 war was being fought at that time and although there were normally over a dozen gardeners on the staff this was then depleted by several serving in the Forces.

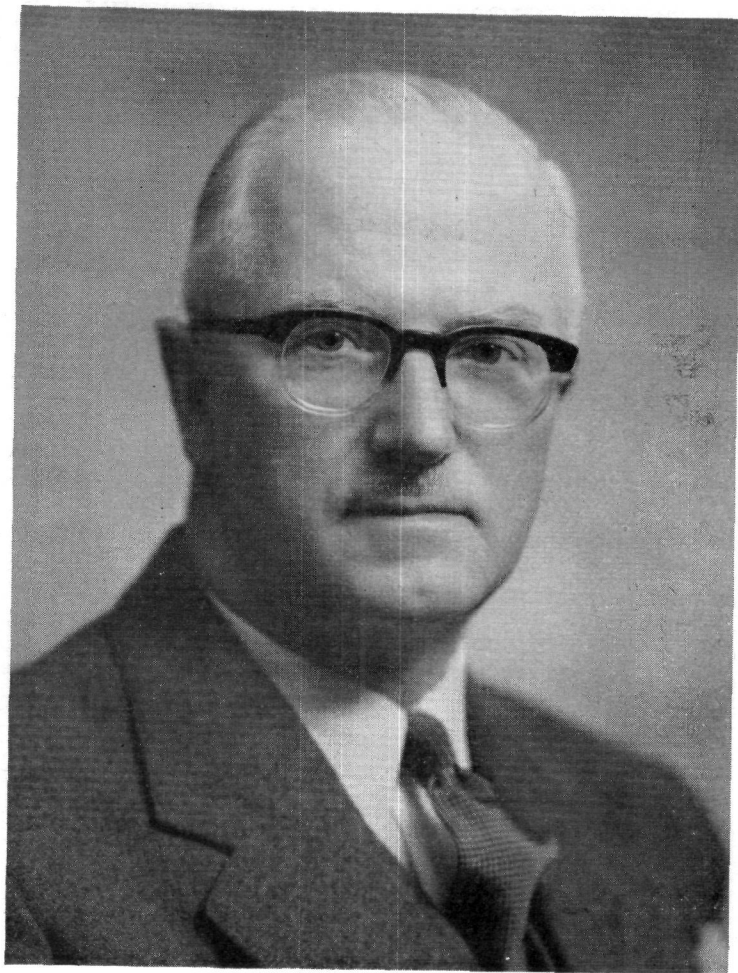
Richard Gregory, who had returned from the Forces to Caerhays where he had been a foreman, was appointed head gardener at Werrington. He took a short refresher course at the Royal Botanic Garden, Edinburgh, where Forrest's plants were being grown and named. He returned full of enthusiasm about the course of training there and fired our President with the desire to apply for entry. This was successful and it was as a young probationer that a start was made in December 1919.

The next three years were full of excitement and hard work, and the ambition of following a career in botanic gardens was firmly implanted in Knight's mind. No greater joy could have been experienced by any young gardener than finishing each day having learned to recognise a few more plants, and particularly the propagation of these under the direct instruction of the greatest plant propagator of that time, L. B. Stewart. It was at Edinburgh that our President met Helen Gillon the girl who was to become his wife. She was working in the office of the Regius Keeper.

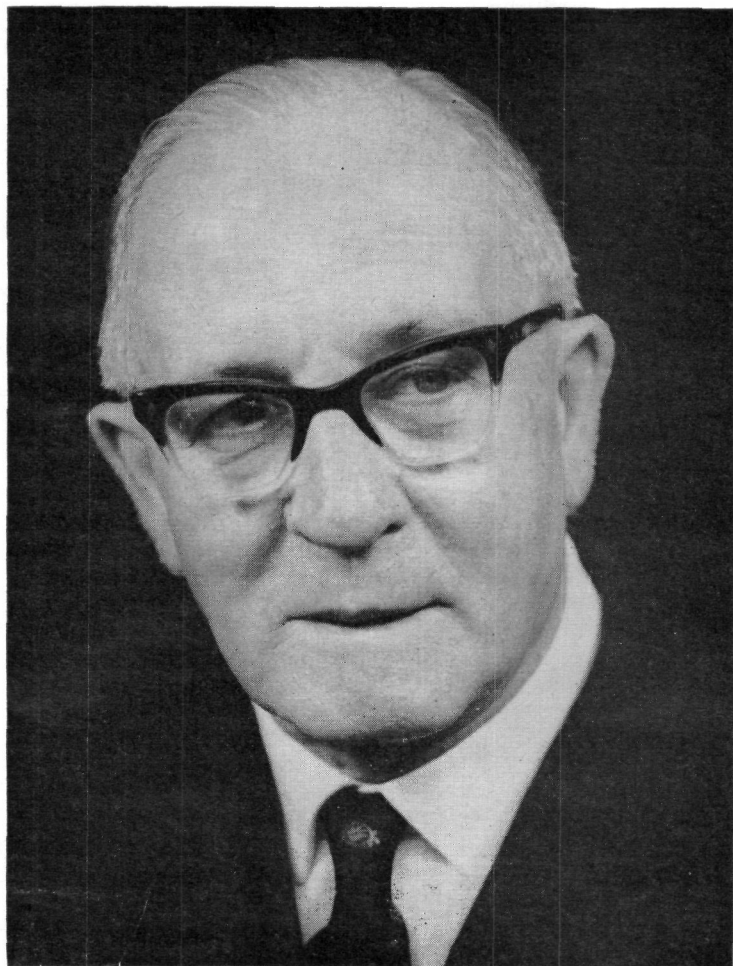
The Edinburgh course completed and the desire to continue working in a botanic garden unabated, the wish was expressed to become a Student Gardener at Kew and this was arranged by co-operation between the two Gardens. On arrival at Kew in 1923 Knight was placed in the Arboretum Nursery. At that time large quantities of seed of trees and shrubs, mainly from W. China, were reaching Kew and with Mr. W. J. Bean as Curator and Mr. Arthur Osborn as Assistant Curator in the Arboretum, great interest was taken in these.

With the departure to Durham of Leonard Buss who was then sub-foreman, Knight was promoted to take his place and later he accepted the post of Arboretum Propagator which had been revived. This he held for four very eventful years, and no period of his long career surpassed this in pleasure.

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FRANCIS PHILIP KNIGHT,
President, 1967/68.



FRANCIS LEOPOLD SQUIBBS,

Vice-President, 1967/69.

FRANCIS LEOPOLD SQUIBBS

Vice-President, 1967-69

Francis, or Frank, the second of five sons, was born on April 7th, 1895, at Llangedwyn, Denbighshire, where his father was head gardener. The family subsequently moved to Whittlebury, Northants, where Frank attended Towcester School run by Dr. W. T. Knight of algebra fame.

The gardening instinct transmitted, maybe, by forefathers covering four generations of head gardeners, made choice of a horticultural career a natural one. Early gardening experience was gained at Canwell Hall, Staffs, Hatly Park, Beds, and in the plant houses at Eaton Hall, Chester. After the outbreak of war Squibbs left Eaton Hall and joined a Manchester "pals" battalion enlisting on September 5th, 1914.

Proceeding to France in 1915, Squibbs's duties as a battalion scout in the Somme marshes, caused him to be sent on a "liaison" mission, which resulted in capture at 2 a.m. in trenches thought still to be occupied by French troops. He was a prisoner of war for over two years, and then exchanged to Holland in July, 1918.

Early in 1920 he joined the Imperial War Graves Commission and assisted in those early days to achieve an "instant" floral effect in the Cemeteries in the Ypres and Armentieres areas.

An application to Kew was made, which was sponsored by Mr. A. B. Melles. Squibbs entered Kew in February, 1922. After a short period in the Palm House, he transferred to the propagating pits of the Decorative Department under the kindly and instructive supervision of the late Mr. (Jock) Coutts.

At Kew a keen interest was taken in the Mutual Improvement Society which resulted in the award of second prize presented by Mr. W. Dallimore for the session 1923-24. Cricket was also an interest and he was responsible for arranging the fixture with the Royal Household team at Frogmore.

In March, 1924, Squibbs was appointed as Assistant Superintendent in the Botanical and Forestry Department, Hong Kong, so ably organised by Messrs. S. T. Dunn and W. J. Tutchter, the authors of "The Flora of Hong Kong and Kwangtung".

Later Squibbs was given the choice of two posts by the Colonial Office and elected to go to Dominica in the West Indies as Assistant Curator and Agricultural Officer, taking up his duties in August, 1926. The Curator, F. G. Harcourt, O.B.E., and J. W. Wright provided the welcome and the local knowledge so helpful to the newcomer. Hurricanes and disease had wrought havoc with the fortunes of Dominica, the centre of the lime growing industry, and the urgency of providing alternative crops was a challenge which entailed much effort, and provided a fund of experience covering the problems of loans, peasant bureaux, produce inspection and plant propagation. Despite his busy working life Frank still enjoyed his cricket and in 1927 he captained the Island's team in the Leeward Islands' Tournament in Antigua.

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THE ANNUAL GENERAL MEETING, 1967

The Annual General Meeting of the Guild was held in the Jodrell Lecture Theatre, Royal Botanic Gardens, Kew, on Saturday, 16th September, 1967. Major A. B. Melles (Senior Vice-President) was in the Chair with the Hon. Editor, Hon. Treasurer, Hon. Secretary, and 39 other members present.

Opening the meeting, the Chairman welcomed those present and explained that he was deputising for the President, Mr. T. Everett, who was unable to be present, as he was in America. After the Secretary had read the apologies for absence, the Chairman asked the meeting to stand while the Editor read the names of those Kewites who had died since the last Annual General Meeting.

The first item on the Agenda was the presentation of the Minutes of the last Annual General Meeting, which had been circulated by printing in the *Journal*, Vol. VIII, No. LXXI, pp. 651-657 (1967), and the Meeting agreed that these be signed as a true record. There being no matters arising from the Minutes, the Meeting passed to the next item on the Agenda, namely, the Report of the Guild Committee, comprising thirteen sections, as follows.

(i) *Accounts for the year ending 31st December, 1966.* These are printed in the *Journal*, Vol. VII, No. LXXI, pp. 658-670 (1967) and thus available to all members. Proposed by Mr. Jones, seconded by Mr. Joy, and agreed unanimously, that these be approved. The Treasurer said that after a poor start, the financial position gradually improved during the year and in the end there was a credit balance of £275 4s. 10½d. The appeal to Life Members for extra donations yielded £221 19s. 11d. The income from investments was £155 10s. 0d. (against £90 in previous years). Expenses were reduced by about £40, despite the provision of additional prizes, a saving of £50 on the cost of the *Journal* being the most important single item. Donations to the Prize Fund totalled £190 19s. 8d. and this made possible the investment of £250 in the Charities Investment Fund to cover the cost of additional prizes. The Chairman said that the Guild had every reason to be grateful to the Treasurer for his excellent work, and warm applause indicated that the meeting fully agreed.

(ii) *Accounts for the half-year January 1st to June 30th, 1967.* This was summarised in the printed Agenda as follows: receipts £436 6s. 8d., expenditure £405 8s. 10d., amount in deposit account £801, amount in current account £78, cash in hand £10, amount invested in the Charities Investment Fund £2,500. Mr. Simmons said that the position continued satisfactory. The main items of income were subscriptions and donations £353, dividends from investments £68 16s. 2d., advertisements in the *Journal* £14 10s. 0d. The chief items of expenditure were the *Journal*, printing and postage £366 12s. 11½d., general expenses £23 3s. 4d., and payments from the Benevolent Fund £10 10s. 0d. Income to date exceeds expenses by £30 17s. 10d. The Treasurer commented that

the increase in the subscription, together with donations from Life Members, contributed materially to our credit balance, and we are £100 better off than in June, 1966. Since the cost of the *Journal* is being kept to a relatively low level, and there are no other major costs to be met, the Treasurer thought the accounts would show a favourable balance at the end of the year. 212 members now pay by Bankers' Standing Order (including 15 Life Members). The Guild still has a large stock of Christmas cards and it is hoped to sell them off by reducing the price. Finally the Treasurer said that he hoped the existing subscription rate could be maintained for many years, but in these days of constantly rising prices it will be necessary to keep expenditure as low as possible.

(iii) *Covenanting*. The Treasurer said that as members receive what is officially regarded as a "substantial return" for their subscription in the form of the *Journal*, it has not yet been decided if covenanting is permissible. To bring matters to a head the Treasurer proposes to send in some covenant forms and see what happens.

(iv) *Ties, Badges, etc.* The following have been sold this year : 24 Ties, 10 Blazer Badges, 3 Car Badges, 2 pairs Cuff-links, and 4 Scarves. Mr. Beyer has dealt with this matter, and the Committee is grateful to him for doing so most competently. The value of stock in hand is £70 17s. 1d. For the year 1966 the profit from sales was £4 2s. 7d.

(v) *Prize Fund*. The special appeal brought in £190 19s. 8d. and this has been invested as mentioned under (i), above.

(vi) *Membership*. Life Members 272, annual subscribers away from Kew 340, at Kew 59, Students 41, total membership 712. The Treasurer said that he had given consideration to life membership and had come to the conclusion that if the number of life members was restricted and the subscription fixed at £25 at age 60 reducing by £1 a year to £20 at age 65, life-membership would be a viable proposition for the Guild, but the matter was still under consideration. During discussion it was evident that the proposition outlined by the Treasurer did not find favour with the meeting. Mr. Stock suggested that the matter be left with the Committee, but Mr. Storey moved that no further consideration be given to life-membership and this was seconded by Mr. Joy and on being put to the vote was carried by 19 votes to 7.

(vii) *The Journal*. The Hon. Editor drew attention to the fact that this year the *Journal* was smaller than last year's, 108 against 122 pages, but this was partly due to a reduction in advertisements from 14 to 9 pages. It is increasingly difficult to get advertisers for a journal like ours, and despite all the efforts that have been made the number has fallen from 23 to 16. The Editor was of the opinion that it might be better to discontinue advertisements altogether; they brought no profit to the Guild and absorbed a disproportionate amount of time which could more usefully be given to the rest of the *Journal*. A new feature in the current *Journal* is the list of the

latest changes of addresses which brings the address list up-to-date almost to the time of going to press. Forthcoming events which will merit special attention in the *Journal* are the opening of the new wing of the Herbarium and the opening of the 17th century garden behind the Palace. The Chairman spoke appreciatively of Mr. Brown's work as Editor and the hearty applause that greeted his remarks showed clearly that the meeting fully agreed with this.

(viii) *Back numbers of the Journal*. Four were sold during the year. A note will remain in the *Journal* to remind members that copies are available. We continue to be indebted to Mr. Rawlings for looking after the stock and despatching copies as required.

(ix) *Collection of Photographs*. Seven photographs were added during the year bringing the total to 428. We are grateful to Mr. Rawlings for taking care of this collection and for cataloguing it.

(x) *Annual Dinner*. This was held in the Chatham Room Restaurant, and the President, Mr. T. Everett, presided over a gathering of 116 members and guests. The guests of the Guild were Mr. F. Hallows (Chief Officer, Greater London Parks Department), Mr. Spencer Hudson (British Standards Institute), and Mr. Harry Wheatcroft. The Committee is grateful to the Sub-Committee (Mr. G. Preston, Mr. Prockter and Mr. Pemberton) which made the arrangements.

(xi) *Prizes*. The Guild provided the Matilda Smith Prize for the student adjudged the best practical gardener, the C. P. Raffill Prize for the best paper given to the Mutual Improvement Society, the Dümmer Prize for the best collection of British plants, and the Proudlock Prize for the runner-up, and two new prizes, one for the best-kept plot, the other for the best "project" (individual study). As members will know, an award slip is inserted in each prize. The stock of these having been exhausted, new slips have been prepared and printed and we are grateful to Mr. Desmond for kindly preparing the new edition.

(xii) *Prize Day*. This was held on 11th August, 1967. Invitations were sent to all the Guild Officers and members of the Committee, and tickets were available for other members of the Guild who cared to apply for them. Mr. Knight (President-Elect) was on the platform as deputy for the President who was unable to attend, and there was a good attendance of Old Kewites. The diplomas and prizes were presented by Mr. J. H. Hay, M.P., Parliamentary Secretary, Ministry of Agriculture, Fisheries and Food. The ceremony was well organised and most enjoyable, and after it the company was entertained to tea by the Director in the Orangery. A selection of the students' work was on exhibition, and the very high standard of the individual studies suggested that this feature of the course was particularly worthy of encouragement and that the Guild might well provide another prize or prizes for it. It is possible that in some years the Kingdon Ward Essay Prize might be awarded for one of these studies, in which case the Guild's prize might not necessarily be awarded for the best study.

There should be no difficulty about this as there are no conditions attached to the Guild's prize.

(xiii) *The Guild Committee.* The following retire from the Committee at the end of their term of service: Mr. Conn (Past President), Major Melles (Vice-President), Mr. G. Preston, Mr. Prockter, Mr. Wells and Mr. J. O. Taylor (members of Committee), while Mr. Beyer is the retiring auditor. The thanks of the Guild are due to all these gentlemen for the time they have devoted to Guild affairs and the work they have done. The Secretary added that he himself would also leave the Committee, which he much regretted, but the fact was that he had not yet recovered from the effects of a stroke suffered the previous October, and he felt that the Guild needed a secretary who was 100% fit. He had therefore most regretfully declined the offer of re-nomination as Secretary, but he was sure that Mr. Nigel Hepper, who had agreed to stand for election, would fill the post admirably. The Secretary went on to say that he would like to take the opportunity of thanking Mr. Sands for deputising for him and for continuing to assist with the secretarial work. He would also like to pay a personal tribute to his fellow officers, Mr. Brown and Mr. Simmons, who shouldered so much of the work while he was incapacitated. The Guild was most fortunate to have such dedicated members in the vital offices they held, for it should be clear to all that the Guild was kept going mainly by the Editor, who produced the *Journal* so ably, and the Treasurer, who ensured that money was available when required. It had been a great pleasure to work with Mr. Brown and Mr. Simmons, and with the latter's predecessor, Mr. Schilling. The Secretary added that it was only right to place on record the fact that the Guild is not only indebted to these officers, but also to their wives who helped them to a very considerable extent with their work for the Guild (applause). Mr. Stock said that while he heartily endorsed the tribute that Mr. Sealy had paid to his fellow officers—and their wives—he would also like to propose that the thanks of the Guild be given to Mr. Sealy for all that he had done for the Guild during the seven years that he had been its Hon. Secretary, and that this be recorded in the Minutes. The proposal was carried by acclamation. This concluded the report of the Committee and the meeting then went on to the next item on the Agenda, namely

Election of Officers, Members of the Committee and Auditor.

The following, who had been nominated by the Committee and whose names were printed on the Agenda, were elected *nem. con.* *President*: Mr. F. P. Knight; *President-Elect*: Mr. E. W. B. H. Milne-Redhead; *Vice-President*: Mr. L. Squibbs; *Hon. Editor*: Mr. G. E. Brown; *Hon. Treasurer*: Mr. J. B. Simmons; *Hon. Secretary*: Mr. F. N. Hepper; *Members of Committee*: Mr. J. K. Burras (Oxford), Mr. D. J. Moore (Bermuda), Mr. S. Rawlings (Kew) and Mr. T. Risely (Dunstable); *Hon. Auditor*: Mr. H. Flegner.

Any Other Business.

Mr. Squibbs thanked the meeting for electing him as Vice-President, and said that it was an honour which he very greatly appreciated. Mr. Storey said he thought the meeting would wish to record its appreciation of the work of the officers and especially of the way in which the Editor and Treasurer worked so closely together; and this the meeting clearly endorsed by its hearty applause. Finally Mr. Stock proposed a vote of thanks to the Chairman, both for presiding so ably and for his work as a Vice-President, and this was carried with acclamation. Major Melles then declared the meeting closed, and members adjourned for tea in the Orangery.

J. ROBERT SEALY *Hon. Secretary.*

Treasurer's Report—pages 814-816.

ANNUAL DINNER, 1967

This event was held at the Chatham Restaurant on Tuesday, 23rd May, 1967, with T. H. Everett as President. There were 120 members and guests present. Among the latter were the three official guests of the Guild: Messrs H. W. Wheatcroft, Rose Nurseryman; S. Hudson, Chief Technical Officer, British Standard Institute; and F. Hallows, Chief Officer, G.L. Parks Department.

For the first time the dinner was held on Tuesday, a day which was fixed at the previous A.G.M. so that it coincided with Members' Day at Chelsea Flower Show. There was also a break with tradition when Dr. Metcalf proposed a toast to the President of the United States after the toast to the Queen.

The toast to the President by Mr. F. P. Knight, Director of the R.H.S. Gardens, followed. He spoke of Everett's days at Kew and of his early interest in horticultural education. He followed with an account of our President's career in America and described the genuine pleasure which it gave him to welcome any Kewites who should call on him during visits to America.

The President then rose to propose the toast of the Kew Guild. His witty speech, full of humour, set the audience rocking with laughter again and again, as he recalled his experiences at Kew and afterwards. He also appealed to the younger Kewites to answer the challenges which lie overseas, both in the United States and in other countries.

The toast to the Guests was proposed by Mr. D. V. Wells who gave an account of their careers and of the fields in which they worked. Mr. H. Wheatcroft gave a very able reply.

Once again, as the assembly rose from the tables, members gathered informally to compare and account from their experiences both during and after their stay at Kew. As one moved among the groups the time passed all too quickly, but one felt that Kewites were answering the challenge of the times by pressing to the forefront of the drive towards a more scientific, automated, efficient but no less beautiful and rewarding industry.

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Coupled with practical work was the intensive lecture course and the collecting of British native plants. Knight teamed up with "Jock" Lamberton on most of the plant collecting trips and established with him a deep and lasting friendship.

Our President was Secretary of the Mutual Improvement Society and on two occasions the Hooker Prize was awarded to him by the members. Mr. Coutts was the Chairman at that time and it was mainly from this initial contact that many years of pleasant association began.

After over four years as Arboretum Propagator it was time to look for advancement and here it was disappointing to find that no suitable vacancy seemed to occur anywhere in the botanical field.

A bold attractively worded advertisement in the *Gardeners' Chronicle* proved to be the turning point. This was for a man to take charge of the Alpine Department of Bakers Nurseries at Codsall. Our President was appointed to this but very soon found his duties were much wider than those laid down, and in addition he supervised for nearly two years all the landscape planting required by the firm's very large Landscape Department. The work took him far and wide and was very strenuous, much of it being contract work which had to be completed on schedule. The overhauling and replanting of Selfridge's Roof Garden provided one exciting project. The staging of exhibits at the leading flower shows came within the scope of the work and it is certain that no more could have been crammed into such a short time. The President was married while at Codsall, his best man was Leslie Slinger who had worked in the Arboretum Nursery.

In 1930 Anthony Waterer's Nursery at Knaphill, which was established in 1760, was being completely reorganised and Knight was invited to join the new directors as Nursery Manager. This he accepted mainly because it would bring him back to his chief interest of trees and shrubs, particularly Rhododendrons. In due course the post of Nursery Manager gave place to General Manager and the duties were extended to include dealing with a wide range of technical and advisory correspondence.

At Knaphill two daughters were born and life was full of happiness. More and more people visited the Nursery and Rhododendron time each year was almost a social occasion. One important event stands out in the President's mind, that of accepting an invitation by The Royal Horticultural Society to give a paper on Propagation at the Conference on Ornamental Trees and Shrubs in 1938.

At the outbreak of war in 1939 the nursery trade fell upon difficult times and in 1940 Knight was appointed Horticultural Officer to The Directorate of Camouflage, Ministry of Home Security. This Department operated for over four years from

Leamington Spa. In the early stages the late Mr. W. M. Campbell, then Curator at Kew, was seconded for about three months to help establish the Horticultural Section. Another Kewite in the Section was John Lewis, now at York.

The work tailed off in 1944 and in March of that year Knight joined the firm of R. C. Notcutt at Woodbridge in Suffolk as General Manager. In due course this firm was reorganised to form a Limited Company and he was appointed Managing Director. Once again he was faced with the herculean task of helping to bring a nursery around from the inevitable neglect caused by the war years. While at Woodbridge invitations from R.H.S. to serve on Committee B and the Rhododendron and Camellia Committee were accepted.

Life opened up in other spheres. He was elected a Fellow of the Linnean Society and Chairman of the local branch of the Horticultural Trades Association.

In private life deep sorrow came in 1950 to our President and his wife by the death at the age of seventeen of Joyce, their elder daughter.

Time passed and in late 1954 The Royal Horticultural Society advertised for a Director of the Garden at Wisley. This was the type of position our President had always longed for and he was fortunate in being selected to fill the vacancy. He has enjoyed co-ordinating the work of his colleagues there both in the scientific and technical field. The Garden is ever changing, Student Gardeners come and go, and close links with Kew and Edinburgh are maintained. Exciting visits have been made to four International Horticultural Congresses, three visits to the U.S.A. and one to Canada, and more recently one to New Zealand. In all these there have been many meetings with Kewites.

Honours too have come, in 1958 the V.H.M. and in 1965 the Associateship of Honour of the Royal New Zealand Institute of Horticulture.

Our President likes to write on gardening subjects, and he is co-author with the late G. C. Taylor of the "Propagation of Trees and Shrubs" and has contributed articles on Lilacs, and written a great deal on his favourite genus Rhododendron.

Visitors, too many to count, have been entertained by the President and his wife in their home and the happy thought of starting a visitors' book promotes a feeling of nostalgia. Cynthia, their second daughter, is the wife of the Revd. Jeremy Walsh, the Rector of Marlborough, and there are three grandchildren.

Our President is a Rotarian. He is a founder member and Past President of the Rotary Club of Woodbridge and at present is Senior Vice-President of the Woking Club, and his year as President will coincide with that of being President of the Kew Guild.

THE PRESENTATION OF PRIZES

The ceremony for the Presentation of Kew Diplomas and Prizes was held in the afternoon of Friday, 11th August, 1966. Mr. James H. Hoy, D.L., M.P., Parliamentary Secretary of the Ministry of Agriculture, Fisheries and Food, kindly attended to speak and make the presentations. In addition to the students' parents and members of Kew Staff, a number of Old Kewites, and some of the prominent figures of the horticultural profession attended. The assembly, which gathered by 3 p.m. almost filled the lecture theatre. On the platform, in addition to Mr. Hoy, were the Director—Sir George Taylor, Mr. F. P. Knight—Director of the R.H.S. Gardens, Wisley, who is President-Elect and represented the Kew Guild in the absence of Mr. T. H. Everett, the President, and Mr. L. Pemberton, the Supervisor of Studies.

Sir George opened the proceedings by welcoming all those who attended—there was, he remarked, "A large gathering which was very encouraging for the middle of the holiday season". After thanking the lecturers and Mr. Pemberton, he warmly welcomed Mr. Knight, not only as an old friend, but also as a Kew Guild representative. Sir George reminded the audience that the fine array of prizes was in very large measure due to the generosity of the Kew Guild, and that the ceremony was very much a joint affair between official Kew and the Kew Guild.

Quoting, Sir George continued, "It is customary on these occasions for the Principal to give a report on the past year and also, if possible, to look into the future. As regards the past year I think it is true to say, we have gone far towards shaking down into the new course and developing a proper rhythm. We have been going for only four years. There are still things about the course, which, given a free hand, we would like to alter, but these are mostly matters affecting general Kew policy which cannot easily be changed. At Kew we grow our plants to support scientific work, but we also have to cater for the million or so people who visit Kew to enjoy its amenity value, and we also, besides that, train our sixty students. Anyone who tries to do three things at once is never completely successful at all of them, particularly when in some respects they are mutually incompatible. We do not know yet what the future holds in store for us. The course we run here must be evaluated in the light of changes which will come about in the national horticultural educational scheme. Particularly as the result of the Pilkington Report and also perhaps as the result of what the Royal Horticultural Society might decide in regard to the future of the National Diploma of Horticulture. Now, whatever the eventual outcome and whatever changes there may be made, I am quite certain myself that there will always be a place for training at Kew, and I also add, if I may, Edinburgh and Wisley. These institutions have particular opportunities and facilities to offer which can be found nowhere else in the Kingdom. We at Kew, anyway, will make every effort to see that we continue to turn out

young men well equipped to serve their fellows as professional horticulturists”.

Sir George then welcomed Mr. James Hoy, who, he stated, had a benevolent interest in the affairs of Kew. During a lively speech Mr. Hoy stated “ Now for nearly two hundred years Kew has been turning out highly skilled professional horticulturists, and several thousands have passed through the Gardens since training began. From the very first, Kew men have searched the world for rare plants and, as Britain’s overseas territories were discovered and opened up, men who had been trained here, went out to explore their plant resources. These in their turn were redistributed to other countries, and so trade in plant products was fostered. Some of the early plants sent back in this way still survive here, and in fact, one of the first trainees of note, Francis Masson, sent back a plant in 1785 which I saw only this morning in the Palm House.

“I was also interested to find that two very early trainees served with Captain Bligh in the famous ‘Bounty’, and another on Captain Bligh’s second voyage in the ‘Providence’, when he successfully carried out the task originally assigned to the ‘Bounty’, of carrying the breadfruit trees from Tahiti to the West Indies. Many of the early trainees have their own small place in history, such as Alan Cunningham who drew some of the first maps of S.E. Australia, and indeed, until comparatively recent times, by far the greater proportion of Kew students went overseas. Although opportunities to do this today are fewer, even now, a high proportion of Kew Guild members live abroad. But many of the men who went overseas to the new territories gave their lives in the course of their work. The *Kew Journal* records the death of many Kew men from tropical disease, sometimes within a very short time of their arrival in those countries, but they were always replaced, and set a splendid tradition of service and sacrifice for those who followed. It is no doubt this tradition which has helped many gardeners from Kew to reach positions of high authority in their chosen profession. Some have risen to scientific eminence and have become world authorities in the taxonomic sphere. Others have become Curators of Botanic or other Gardens or the Heads of Parks Departments in the large cities. Still others have achieved fame as plant collectors, or in the commercial world. Some in fact have even come into the Ministry as members of the National Agricultural Advisory Service, and I can assure you that as the Minister responsible, we are very glad indeed to have them. In fact there are few places in the world where amenity horticulture is carried on, which have not at some time or another come under the influence of Kew-trained men”.

At a point later he continued “ I would not like an occasion such as this to pass without paying my tribute to Sir George Taylor for all the work I have known him to do, not only for Kew, but having carried throughout the world the reputation of Kew, which reflects itself in the reputation of Britain overseas. This is

what gives us such high standing, and I want to pay my tribute to him, and at the same time take this opportunity of saying publicly to the great debt I owed his father before him. And so it is, ladies and gentlemen, with great pleasure, this afternoon, that I come to Kew to present these prizes and to wish well the students who have won them". At the close of his speech Mr. Hoy presented the Diplomas and Prizes. (A full list of the successful students and winners is given at the conclusion of this report.)

The Director then called upon Mr. Knight to speak on behalf of the Guild—quoting from his speech, he stated, "It is my pleasant duty to deputise for Tom Everitt for the Kew Guild. I had the pleasure of sitting next to Tom at the Kew Guild Dinner this year . . . and we talked on the side about past days and the work of the Kew Guild. I had the pleasure of being with him in the United States last August, when I attended the International Horticultural Congress. We had a branch meeting there of the Kew Guild in Maryland and quite a number of Old Kewites turned up. It was a very, very pleasant function indeed and quite nostalgic being there and meeting old friends. The topic of conversation among all of us was the Kew Guild and its work, and the way in which it keeps us all together. I am sure Tom would like to be here but I am particularly fortunate in being able to deputise for him, and to say what pleasure it is to the Kew Guild to be able to take part in this Prize Giving and to find the money to purchase the prizes".

Later Mr. Knight concluded with the following advice to the students, "Well, as boys come — as you go, and others come along, the Kew Guild will I am sure, fulfil its function of contributing to prizes and keeping an eye on you as you go out into life. Wherever you go, no matter where it is, not very far away will be a member of the Kew Guild. This is what I have found in my travels. If you get somewhere you have never been before and you look up the *Kew Guild Journal*, you discover that there are some of your fellow Guild members there. If you arrive in a district and start making enquiries they say—'You should go and see old so and so, he is a member of the Kew Guild'". With a closing remark by Sir George, the assembly made its way to the Orangery for tea.

(See page 775)

LIST OF AWARDS AND PRIZES TO STUDENTS, 1967

Kew Diploma. This is awarded to students who have completed satisfactorily a three-year course of study at the Royal Botanic Gardens. The following students received the Diploma with Honours this year: M. Hart and E. D. Scarr. The following students received the Diploma: W. E. Bessler, J. Beswick, M. J. Dawes, B. V. Frankland, G. M. Gaskin, H. N. Goddard, G. N. Graham, A. R. Keevil, B. A. Nash, B. J. Penberthy, A. Rich, A. R. Smith and C. P. Wood.

G. C. Johnson Memorial Prize. This prize which consists of a copy of the R.H.S. Gardeners' Dictionary and Supplement, together with a cheque for £25, is presented from a fund administered by the Bentham-Moxon Trustees on behalf of the *Grower*. It was founded in memory of Mr. G. C. Johnson, a famous "Old Kewite" who had the interests of Kew Students very much at heart. It is awarded for the best overall performance on the Kew Diploma Course and was won by M. Hart.

Sir Joseph Hooker Prize. Presented by Sir George Taylor, Director of the Royal Botanic Gardens, in memory of his famous predecessor, Sir Joseph Hooker, to the student who has done most for the Mutual Improvement Society. Won by Miss E. Stevens.

KEW GUILD PRIZES.

Matilda Smith Memorial Prize. Awarded in memory of Matilda Smith, artist at Kew for many years, to the student adjudged best at practical work. Won by M. J. Dawes.

C. P. Raffill Prize. Awarded in the memory of C. P. Raffill, a former well-known Assistant Curator of the Royal Botanic Gardens, to the student giving the best paper to the Mutual Improvement Society. Won by A. H. Balfour.

Dümmer Memorial Prize. As part of their training, student-gardeners are required to make a collection of properly dried, named, mounted and labelled specimens of the British Flora. The prize for the best collection was awarded to B. A. Nash.

Proudlock Prize. The runner-up for the best plant collection also received a prize. Awarded to A. Rich.

Prize for the best garden plot. During the first year of the course students are required to cultivate a garden plot. The prize for the best plot by a student finishing this year was awarded to J. Beswick.

Prize for the best individual study. Student-gardeners are required to carry out an individual study project during their course. The prize for the best one was awarded to J. Beswick.

Bentham-Moxon Trust Kingdon Ward Prize. In memory of the late Frank Kingdon Ward, to whom gardeners owe a great debt for the contribution his plant-collecting expeditions made to British gardens. The prize was founded by his sister, Miss Winifred Kingdon Ward, to provide a yearly prize of £10 to a Kew Student-gardener for an essay on a horticultural subject. The prize was won by J. Beswick.

Mutual Improvement Society's Prize. The Society awards its own prize for the member who has taken the most active part in its discussions and debates. It was awarded this year to M. R. Cudd.

Photographic Society. Mr. S. W. Rawlings, Assistant Curator, kindly presents a prize for the best photographic effort by a Kew Student-gardener. It was awarded this year to S. W. Dyall.

(Continued from page 755)

Secondment as Assistant Director of Agriculture to the Seychelles followed in early 1932, and appointment as Director in 1934. To this was added the appointment as official member of the Legislative and Executive Councils. The creation of a Land Bank entailed duties as Director and Valuator. An extension of the Coco-de-Mer (*Lodoicea seychellarum*) reserves safeguarding the future of this and other indigenous palms was effected during his tenure of office.

In 1937 Squibbs travelled 2,000 miles by schooner round the outlying islands, and as Custodian of Crown Lands made a survey of the famous Aldabra group, the home of the Giant Tortoise, and included assessment of the remaining guano deposits. The visit was timely as he was able to propose measures safeguarding the future preservation of these reptiles in their natural habitat. Appointment for the trip as visiting Magistrate entailed visits to 11 Island Settlements. Whilst in the Seychelles Squibbs was awarded the King George V Jubilee and King George VI Coronation Medals.

The next move was to the Gold Coast (Ghana) in January, 1939, as Agricultural Officer. His first task was to take over as banana officer from E. A. Walters, a Kewite about to go on leave. Having joined the Gold Coast Defence Force in April Squibbs was called up at the outbreak of war, but released in January, 1940, for departmental duty, and posted to the newly created Cocoa Research Station at Tafo, in the Eastern Province, as Superintendent-in-Charge, a post he held for about three and a half years. Then followed a period of district work in the Western Province which included the supply of European vegetables to the naval forces depot at Takaradi. His booklet on "Vegetable Growing in the Tropics" was published and distributed by the Department. The veteran members of the Department were the Deputy Director, A. C. Miles, whose hospitality was proverbial, and also S. T. Phillips, who left Kew in 1925.

During these years, visits were made to South Africa where the following well-known Kewites gave him a hearty welcome: F. Thorns at Kirstenbosch, Cape Town, P. Robertshaw at the Durban Botanic Gardens and J. C. Van Balen of the Public Gardens, Johannesburg.

Squibbs returned to England on retirement in 1945, but soon after was offered an appointment as Seed Production Officer with the Cyprus Government on a three year contract. This project, put forward by the war-time Seed Marketing Board in agreement with the wholesale seed firms, was to organise the growing seed crops such as cauliflower, lettuce, etc., requiring a milder climate in which to mature and so replenish stocks depleted by the disruption of normal sources of supply. The farmers speedily acquired the necessary "know how" and the general result was so successful that in three years the venture has more than achieved its purpose.

At the end of the contract period Squibbs returned to England with his wife whom he had met and married in Cyprus.

In September, 1949, he accepted an appointment as technical officer with the Seed Production Branch of the National Institute of Agricultural Botany at Cambridge. His work here was concerned with horticultural seed crops and their adherence to type, in particular those strains emanating from official sources in the United Kingdom.

Variety description and identification on a botanical basis was the subject in which Squibbs had a special interest, and he collaborated in the classification of garden peas, dwarf and climbing French beans, and runner beans. The results of this work as well as investigation into "off-types" occurring in brassica seed crops, were duly published in the Journal of the National Institute of Agricultural Botany.

Squibbs retired in 1960 and continues to live in Cambridge. His two sons, one at University and the other still at school, do not, unfortunately, show any signs of "following in father's footsteps".

SOCIAL SECTION

The first social event of 1967 was the Kew/Wisley Dance, which was held at Wisley. The event was a great success, for the support was very good and included students and guests from other horticultural and agricultural establishments.

During the spring we arranged a coach visit to Longleat House and the National Trust Gardens at Stourhead. The trip was well supported, in particular the beauty and botanical interest of Stourhead were greatly appreciated.

A Cheese and Wine Party was held in the Jodrell Laboratory in October to welcome the new intake of students to Kew. This allowed an opportunity for them to meet their fellow students and the members of staff socially and in a pleasant atmosphere. All who attended agreed that the evening was a great success.

On December 15th the Christmas Cabaret and Dance was held at the "Arosa Rooms", Richmond. The event was a success, despite the fact that it was not as well supported as in previous years.

Mr. and Mrs. Brenan, Dr. and Mrs. Metcalfe and Mr. and Mrs. Shaw made an excellent team of judges. Their task was a hard one, but in the end the first place was awarded to Arboretum South, with the second and third prizes going to the Alpine and Herbaceous and Decorative Departments in that order.

I would like to thank all who have given help and support to our functions.

R. MANN, *Hon. Secretary.*

ATHLETICS SECTION

Once more the section has had a successful year, and again this has been largely due to the keenness and determination of those who took part. Much training has already taken place for the 1968 season, and it is hoped that we will repeat our successes.

KEW-WISLEY ROAD RELAY RACE.

The 17th annual race was held on Saturday, March 17th. The weather was bright, but windy. There were eight teams at the start which was signalled by the Director, Sir George Taylor, on Kew Green, at 2.30 p.m.

At the end of the first lap, Swanley were in the lead with M. Shorey of Kew in 2nd Place, 5 secs. behind. On the 2nd lap, C. Iles of Kew, gained the lead for a short time and then dropped into 4th place, only a few seconds behind Pershore, the leading team. A. Rich of Kew completed the third lap in very fast time, a fine performance, which was repeated by D. Coleman in the one which followed. During the fifth lap, B. Penberthy, in good form, extended the lead to such an extent that the race, finished by P. Styles, gave Kew a decisive victory in 104 mins. 25 secs.. Pershore was second, to be followed by Swanley, Secretts, Merrist Wood, Writtle, Wisley and the Grotto in that order.

Details of Team Laps : —

Lap 1.	M. J. Shorey	...	3.1 miles	18 mins. 51 secs.
Lap 2.	C. Iles	...	3.1 miles	20 mins. 14 secs.
Lap 3.	A. Rich	...	2.9 miles	16 mins. 28 secs.
Lap 4.	D. Coleman	...	2.8 miles	15 mins. 33 secs.
Lap 5.	B. Penberthy	...	3.2 miles	15 mins. 46 secs.
Lap 6.	P. Styles	...	2.9 miles	17 mins. 33 secs.

After the race the Wisley Students' Union provided the team with refreshments. This was followed by a lecture. During the dance which was held in the evening, the Director of Wisley, Mr. F. P. Knight, presented the Pring Cup and the Kew-Wisley Invitation Cup to the Kew Team. The winning team was also presented with silver medals, the Pershore team with bronze medals and the Swanley team with the Maori Batons.

Guild members should note that there is a change in the rules of the Kew-Wisley Race. A team made up of Kew Guild members may now enter this race.

CIVIL SERVICE SPORTS DAY.

Kew was represented on this occasion, but gained no prizes. We encountered fierce competition in all the events.

The results were : The mile—4th, C. Iles ; 880 yds.—4th, M. Shorey ; Long Jump—3rd, T. Tiller ; Skipping Race—2nd C. Iles.

Tug-of-War. 2nd. Team members : D. Marshall, R. Asquith-Ellis, J. Beswick, B. Frankland, T. Djokovich, R. Cowley, C. Hindmarch, R. Mann and I. Cameron-Swan. The six-a-side football team were knocked out in the 3rd round. Team members : G. Smith, A. Balfour, A. Connell, A. Keevil, A. Herron, A. Rich.

CLOG AND APRON RACE.

This was started at 5.30 p.m. on October 12th by Mr. J. P. Brenan. Mr. R. Storr acted as time-keeper.

The results were : 1st (The Pearce Cup), M. J. Shorey, 56 secs ; 2nd (Silver Cup), M. Holloway ; 3rd (Bronze Medal), C. Iles ; 4th, Miss E. Stevens. Each of the winners received a bottle of cider and the remaining ones, all supplied by the Students' Union, were shared by the spectators.

ROUND THE GARDENS RACE.

The Director, Sir George Taylor, started the competitors in this race at 5.30 p.m., on October 20th, in perfect weather conditions.

M. Holloway took the lead at the start and held it all the way, with D. Coleman close behind in 2nd place, and P. Styles following in 3rd place. The results were : 1st (Silver Medal), M. Holloway, 13 mins. 8 secs ; 2nd (Silver medal), D. Coleman ; 3rd (Bronze Medal), P. Styles ; and 4th, R. Roby.

The Departmental Cup was awarded to the Arboretum.

M. J. SHOREY, *Hon. Secretary.*

PHOTOGRAPHIC CLUB

On December 7th a large audience spent an enjoyable evening in the Jodrell Lecture Theatre, viewing transparencies which had been entered for the Photographic Competition. There was a noticeable increase in entries compared with the preceding years. Possibly as a result of this the standard was lower in the General Section.

The results of the competition were as follows :—

Plant Portrait. Students.

- 1st Ochagavia lindleyana—C. Jones.
- 2nd Hechtia rosea—Miss E. Stevens.
- 3rd Paeonia suffruticosa—Miss E. Stevens.

Plant Portrait. Staff.

- 1st Neottia nidus-avis—M. Latto.
- 2nd Gymnopilus junonius—G. Nicholson.
- 3rd Fritillaria meleagris—G. Nicholson.

General. Students and Staff.

- 1st "Ice Clad Tree and Fence"—D. Taylor.
- 2nd "Sunset over Loch Vatachan"—M. Heap.
- 3rd "Lake District"—R. Price.

Among the other activities, the Club offers for sale to the Garden Staff "black and white" photographs of the various social events. A concession which was offered by the Students' Union was the reduction in the cost of "En Prints" of up to 9d. each. Films are also offered to Club members at reduced rates.

I. M. L. SHEPHERD, *Hon. Secretary.*

TABLE TENNIS

We played away against Swanley on March 4th, and at home with Wisley on March 21st. As with so many League Football teams, we won at home and lost away.

A pleasant informal evening was spent in late September, at Maria Gray College when we paired off and played mixed doubles. We hope to have a return match shortly.

Since the summer, when the third year students left and the new intake arrived, the interest in this sport has declined. It is hoped that others will come to our rescue, and so enable us to continue with matches.

Our team (truly international, consisting of an African, a German, a New Zealander and several British), was made up of Eugene Campbell, Ben Penberthy, Franz Josef-Schweizer, Malcolm Hart, Roger Price and of course myself.

P. A. GOODBURY, *Hon. Secretary.*

FOOTBALL SECTION

There has been a vast improvement in the standard of play compared with the two previous seasons. This improvement was forecast by Mr. Herron in the last report. The second half of the season included, one defeat, one draw and two wins. We also won the six-a-side competition in which Kew, Wisley and the Grotto took part.

The first game of the 1967-68 season resulted in a 6 to 3 defeat for Kew by Gypsy Hill. This did not give a true picture of Kew's form as the new intake of 1st year students had not taken place. With the new intake of students, the team was considerably strengthened. They have beaten Norwood Hall 5—1 away, and have drawn with Wisley 1—1 away.

Thus the results show a steady improvement, and we have every confidence in completing the season with more wins to our credit.

D. G. EVELY, *Hon. Secretary.*

CRICKET SECTION

The season opened with an exciting match against the R.H.S. Gardens, Wisley, which Kew won by one wicket. Bad weather caused the cancellation of three matches early in the season, but with some increase of interest in the game, it was always possible to raise a team. The two Wednesday games proved a great success, A. Esmonde had an average score of 31 runs. The best bowling averages were D. Painter, 14 for 93 and A. Balfour, 9 for 61. Ten matches have been arranged for the 1968 season.

Our thanks are due to those who have helped the team during the past season, particularly to Miss S. Ash and Miss J. Lee for taking charge of the catering.

S. GOODYEAR, *Hon. Secretary.*

KEW CHRISTIAN FELLOWSHIP

We meet each Friday in the vestry of St. Anne's Church, on Kew Green, from twelve noon until one p.m. There we look at selected passages from the Bible, and seek to understand them. A warm welcome will be given to those who wish to join us.

During the past year, two of the very popular "Fact and Faith" films, showing God and the World through the eyes of science have been shown. A Gospel meeting was held in the social rooms at the Coach and Horses. There was also a barbecue with the same theme. More recently in the common room in the Jodrell, we had an evening of discussion, where questions were put to a representative panel of Christians in the Gardens.

The Fellowship sends greetings, in the name of the Lord Jesus Christ, to all past members.

P. A. GOODBURY, *Hon. Secretary.*

THE MUSIC CIRCLE

The Music Circle continued to meet throughout the year, with an average attendance of 14. We heard the works of many composers including the lesser known ones such as Spohr, Weber and Palestrina. The range of music which we covered was also very wide, for example, French Horn and Organ Recital, a Mass, and a German Lieder Recital.

The Carol Singing in aid of Dr. Barnardo's Homes was well supported, with a choir of approximately 40. We first called upon the Director, Sir George Taylor, and then on Mr. and Mrs. J. P. M. Brenan, who kindly provided us with warm refreshments to cheer us on our way. We finished the evening at Dr. and Mrs. C. R. Metcalfe's home, and as always, they provided us with much-needed refreshments.

We finally wish to thank Dr. and Mrs. Metcalfe for their kind hospitality throughout the year. They always make us welcome and have extended this so generously to any new music lovers.

MISS JENNIFER LEE, *Hon. Secretary.*

HOCKEY SECTION

The 1966/67 season was very successful with 7 games won, 3 lost and 1 drawn. The goal aggregate was 40, as compared to 35 scored against us. The team settled down well this season, and proved to be a strong side.

It was encouraging that many of the new intake of students took an active part. These should form the nucleus for good teams in the future. It also makes up for the regular players who finished their course and left Kew.

Seventeen matches have been arranged for 1967/68 and we all look forward to the new season with enthusiasm, when once more we can "Bulley Off".

C. ILES, *Hon. Secretary.*

STUDENTS' UNION REPORT

The Union has maintained good progress, and has strengthened its position as a recognised body over the past year. This progress has been slow, frustratingly so at times, but steps have been made in the right direction. For the future, the policy of the Union is at present under review, and changes may be made during the coming year.

We have had regular meetings with Mr. Shaw, the Curator, to air grievances, to make queries and to put forward ideas. These are to be extended in 1968, to include the Directors' Office and Mr. Pemberton, the Supervisor of Studies. As a result of these earlier meetings, discussions between the Official Trade Union, the Students' Union and the Directors' Office, led to a determination of the new working hours. Thus we are well pleased with this, and other achievements.

Among the events which have taken place during the past year are the following: a trip to the West End to see the comedy "Big Mad Mouse", the Christmas Cabaret, a "Wine and Cheese Party" to welcome the new students, the organisation of the summer lecture series, various draws and sweepstakes to boost funds, and the publication of our magazine "Triangle". Proof of the interest in our activities is shown by our membership—it is over 70, the highest ever.

Again, during 1967, a number of students worked abroad for periods of 3 to 6 weeks, on the overseas exchange scheme. The problem has been to arrange for proper exchanges between students for such short periods, and this position is at present under review. The establishments which were involved included: the Botanic Gardens of Copenhagen, Edinburgh and Geneva, and Villa Taranto on Lake Maggiore, Northern Italy.

The three-year course is now settling down with revised methods and improvements, but we aim to do even better in the years ahead. The future of the Kew Course and the standing of the Kew Student depends upon us. We aim to maintain the high standard which has been set for us.

In conclusion we wish all those who have played their part in running the Union, and those who will be taking over in the future every success.

G. F. SMITH, *Chairman*, 1966/67.

An entry in the Inwards Book at Kew—"From Governor Clifton, Dartmoor Prison, 16 packets of seeds from N.W. Australia found in the pockets of Mr. Panter".

The Gardening Centre at Syon Park, Brentford, is due to open on May 1st, 1968. It is situated in 50 acres of wooded parkland around the house just opposite the Isleworth Gate end of the Gardens.

The Gardening Centre is a combined operation by the Duke of Northumberland and Plant Protection Ltd., a subsidiary of I.C.I.

MUTUAL IMPROVEMENT SOCIETY

Attendance at the meetings has increased, and the programme has been varied to attract more members. Fourteen students have given lectures on horticultural and allied subjects. A. Balfour gained 85% in the lecture competition to win the C. P. Raffill Prize. Five outside lectures were given, the speakers being: The Director—Sir George Taylor, Dr. C. Marchant, Dr. D. Cutler, Mr. N. J. Prockter and Mr. D. Pluck.

The Internal Debate was held in December when G. Burgess and A. Ketley proposed the motion that "The average Englishman is sexually frustrated". D. Coleman and B. Nash opposed the motion and defeated it.

The Kew/Wisley Debate in the Spring session was again popular. The motion proposed by R. Gordon (Wisley) and G. Burgess (Kew) was that "The Human Race is degenerating into a perverted and materialistic race with the growth of so-called civilisation", and was soundly defeated by the opposition, R. Sweetinburgh (Wisley) and M. Tomlinson (Kew).

The new feature in the form of an "Igh Kew" Quiz took place in the spring. The teams "Pins" and "Needles" were drawn from the Curatorial, Gardens, Herbarium and Jodrell staffs and Students. The Committee set the questions on specified subjects and these were put to the teams by Mr. F. P. Knight, Director of the R.H.S. Gardens, Wisley, who was Question Master.

The outings have been a financial success. In the autumn members went to Sheffield Park, near East Grinstead to see the autumn colour. Summer trips were made to Messrs. Walter Slococks, Goldsworth Nursery, near Woking; Alice Holt Forest Research Station, near Farnham; and Burnt Common Commercial House Plant Nursery.

The following awards were made: The C. P. Raffill Prize, A. Balfour; The Hooker Prize, Miss E. Stevens; and the Mutual Improvement Society's Prize, M. Cudd.

This was the first year that the Society had been run entirely by students and their efforts were rewarded by a revival of interest in the activities.

ELIZABETH STEVENS, *Hon. Secretary.*

SYLLABUS: OCTOBER, 1966—MARCH, 1967

1966	
Oct. 17	Public Parks and Public Relations E. W. Macdonald
23	Trip to Sheffield Park C. Wood
24	Plant Containers N. J. Prockter
31	A Garden from old to new M. Cudd
Nov. 7	Lichens Sir George Taylor
14	"Ad-Lib" Competition G. Pattison
21	Lecture and film on Tibet
28	Cycads
Dec. 5	Discontinuous Genera and the theory of Continental Displacement A. Balfour
12	Internal Debate

1967

Jan.	2	Aviaries and Birds for Municipal Parks and Private Gardens	B. Penberthy
	9	Queen Mary's Rose Garden	G. Smith
	16	The Detective with a Microscope	Dr. D. Cutler
	23	Chicory growing in France	D. Pluck
	30	Nairobi Parks	L. Sabaya
		A short sketch of Sierra Leone	S. Taylor
Feb.	6	Spartina	Dr. C. Marchant
	13	Scottish Gardens and Countryside	D. Coleman
	20	Eucalypts	A. Keevil
		Orchids	B. Penberthy
	27	Cardiff Parks	C. Jones
Mar.	7	Kew/Wisley Debate	
	13	The Landscaping of Kew in the 18th century style	E. Saxon
	20	The "igh Kew" Quiz	
April	3	Soil Chemistry without tears	M. Tomlinson

PROJECT/THESIS LIST OF TITLES, 1967
ON EXHIBITION IN JODRELL LABORATORY
(on display at Prizegiving)

W. Bessler	...	A study in the propagation of Oaks.
J. Beswick	...	Irrigation.
M. Dawes	...	Plants in the U.S.A.
B. Frankland	...	Machines, their choice, use, and maintenance.
G. Gaskin	...	Edging and maintenance of edges.
H. Goddard	...	The use of walls in landscape.
G. Graham	...	Some modern aspects of winter and spring bedding displays.
M. Hart	...	Punched card index for plant characteristics for ornamental horticulture.
A. Keevil	...	The vegetative propagation of Eucalyptus.
B. Nash	...	Grass growth inhibitors.
B. Penberthy	...	Germination of orchid seeds.
A. Rich	...	Protection of turf from snow and frost.
E. Saxon	...	The 18th century landscape of Kew.
E. Scarr	...	Cape heaths and their propagation.
A. Smith	...	To consider inter-relationships between climate and forest.
M. Tomlinson	...	Bananas.
C. Wood	...	A description of plant containers for nursery work—their uses, characteristics, etc.,

BRITISH FLORA ON COMPOST HEAPS

A list of plants which were growing and flowering among the soil, compost and manure heaps within the bounds of the Rick Yard, Arboretum South (by Arboretum Nursery), during the summer of 1963. Within the last two or three years the variety and prevalence of "weeds" has been considerably reduced owing to the increased use of herbicides. The heaps are cleaner as a result but, in a way, less interesting.

We thank Mr. Souster who was an Assistant Curator at the time for his expert assistance in identification. Introduced species indicated by asterisk *

ACERACEAE

**Acer platanoides* L.

AMARANTHACEAE

**Amaranthus retroflexus* L.

BALSAMINACEAE

**Impatiens glandulifera* Royle.

**Impatiens parviflora* DC.

BORAGINACEAE

Myosotis arvensis (L.) Hill.

CAPRIFOLIACEAE

Sambucus nigra L.

CARYOPHYLLACEAE

Cerastium holosteoides Fr.

Sagina procumbens L.

Silene alba (Mill.)

E. H. L. Krause.

Silene dioica (L.) Clairv.

Stellaria media (L.) Vill.

CHENOPODIACEAE

Atriplex patula L.

Chenopodium polyspermum L.

Chenopodium rubrum L.

COMPOSITAE

Achillea millefolium L.

Artemisia vulgaris L.

Bidens tripartita L.

Centaurea nigra L.

Cirsium arvense (L.) Scop.

Cirsium vulgare (Savi) Ten.

Conyza canadensis (L.) Cronq.

**Galinsoga parviflora* Cav.

Lapsana communis L.

Matricaria matricarioides (Less.)
Porter.

Picris echioides L.

**Senecio squalidus* L.

Senecio vulgaris L.

Sonchus arvensis L.

Sonchus asper (L.) Hill.

Sonchus oleraceus L.

Taraxacum officinale agg.

Tripleurospermum maritimum

(L.) Koch. ssp. *inodorum* (L.)

Hyl. ex. Vaarama.

Tussilago farfara L.

CONVOLVULACEAE

Convolvulus arvensis L.

CRUCIFERAE

Capsella bursa-pastoris (L.)

Medic.

**Coronopus didymus* (L.) Sm.

*? *Sinapis alba* L.

Sisymbrium officinale (L.) Scop.

CUCURBITACEAE

Bryonia dioica Jacq.

CYPERACEAE

Carex echinata Murr.

EUPHORBIACEAE

Euphorbia peplus L.

FAGACEAE

Quercus robur L.

GERANIACEAE

Geranium dissectum L.

Geranium molle L.

GRAMINEAE

Agrostis tenuis Sibth.

Arrhenatherum elatius (L.)

J. & C. Presl.

Ceratochloa carinata

(Hook & Arn.) Tutin.

Dactylis glomerata L.

Festuca rubra L. var. *fallax*

(Thaill.) Hack.

Holcus lanatus L.

Hordeum distichon L.

Hordeum murinum L.

ssp. *murinum*.

Lolium multiflorum Lam.

var. *italicum* Braun.

Lolium perenne L.

Phalaris canariensis L.

HYPERICACEAE

Hypericum sp.

LABIATAE

Galeopsis tetrahit agg.

Lamium album L.

Lamium amplexicaule L.

(LOGANIACEAE)**BUDDLEJACEAE**

**Buddleja davidii* Franch.

MALVACEAE

Lavatera sp.

Malva sylvestris L.

OLEACEAE

Fraxinus excelsior L.

ONAGRACEAEChamaenerion angustifolium (L.)
Scop.**OXALIDACEAE**

Oxalis corymbosa DC.

PAPAVERACEAE

*Eschscholzia californica Cham.

PAPILIONACEAE

*Galega officinalis L.

*Laburnum anagyroides Medic.

Lathyrus pratensis L.

Medicago lupulina L.

*Robinia pseudoacacia L.

Trifolium pratense L.

Trifolium repens L.

PLANTAGINACEAE

Plantago lanceolata L.

Plantago major L.

POLYGONACEAE

Polygonum aviculare agg.

Polygonum convulvulus L.

Polygonum cuspidatum

Sieb. & Zucc.

Polygonum persicaria L.

Rumex acetosella agg.

Rumex maritimus L.

Rumex obtusifolius L.

RANUNCULACEAE

Ranunculus repens L.

RESEDACEAE

Reseda lutea L.

ROSACEAE

Rubus fruticosus agg.

RUBIACEAE

Galium aparine L.

SCROPHULARIACEAE

Antirrhinum majus L.

Cymbalaria muralis Gaertn.,

Mey. & Scherb.

Digitalis purpurea L.

Veronica persica Poir.

SOLANACEAE

*Datura stramonium L.

Solanum dulcamara L.

*Solanum nigrum L.

*Solanum tuberosum L.

ULMACEAE

Ulmus glabra Huds.

UMBELLIFERAE

Aegopodium podagraria L.

Aethusa cynapium L.

Anthriscus sylvestris (L.) Hoffm.

URTICACEAE

Urtica dioica L.

Urtica urens L.

TEMPERATE DEPARTMENT

Superficially the department remains the same, but there are constant planting changes which are made to keep the collection in balance.

The North Octagon has the path back into the centre of the house. This gives greater access to the Himalayan House and also is in preparation for the proposed landscaping of the area, for the receipt of the Malesian *Rhododendron* collection which now numbers seventy clones.

The cool economic plants from House No. 12 were absorbed into the department. Most are distributed by geographic association, but one bed in the Main House was cleared to accept the remainder. The New Zealand plant area has been extended to the bed beneath the gallery. Last year the leptospermums in the area which was planted earlier flowered magnificently, as did the rare *Persoonia toru*, a member of the Proteaceae.

In their season the *Haemanthus* have become quite a feature in the South African bed. *Haemanthus pole-evansii* flowered this year for the first time at Kew. The plant was figured when in flower for the Botanical Magazine.

Camellia granthamiana was moved last year from its old site under the tree ferns to a more open site near the old *Camellia*

japonica 'Elegans'. It rewarded the effort of transplanting by flowering freely throughout December. Introduced in 1956, this is the first time that this species has flowered freely at Kew.

We are trying out a new watering system for the pot plants, known as the "Rochford Stick System". It uses a small 3mm. feed line (or lines) to each pot from a 1" diameter supply pipe. If successful it should be a useful labour saver.

In the Mexican house the Japanese banana, *Musa basjoo*, has recovered from what was near destruction by a "predatory scaffolder". It has flowered and fruited well and there are now two further strong shoots ready to flower next season. Three plants of the Mountain Pawpaw *Carica candamarcensis* have been established in this house, it is hoped that amongst the three there will be plants of both sexes, so that fruits can be produced. It was necessary to seal the leaking gutters around the Main House balcony with fibre-glass and bitumen. The metal facing bars behind the gutters were in danger of coming free and falling, these were removed and replaced with light wooden bars.

The rain water tanks have not for some time been capable of supplying the department's need. By the use of an evaporimeter, a calculation of the water used, compared to the loss from the tanks, showed that when full the tanks were losing c. 2,000 gallons per day. A process of elimination proved that tank five (E. side N. Octagon) was the culprit. This tank has now been sealed, and it is hoped that this will solve the problem.

The propagating pits should benefit from the new soil mixing shed which has been erected. This shed will give tractor and trailer access, and is large enough to cope with storage and mechanical sterilising in addition to the mixing of composts for the whole department.

Capillary benches are being fitted to House 26, and their layout has been redesigned, being lower and allowing a four foot main path. By calculation, the surface area of bench in the house has been increased, while accessibility has also been improved. This will also speed up our change to plastic pots, the use of which has so far been advantageous to a wide range of plants.

An experimental mist unit, using cation deionised water from a resin column water softener, is being set up. It is thought that this partly softened acidic water will give improved rooting for the many acid loving plants that we grow. It will for the first time give us some measure of independence from the vagaries of the natural rain-water supply. There should also be less algal deposit and less jet and filter blockage.

Our other mist-unit, now in its third season of production, provides many surprises. Last year we failed to root *Eucalyptus* under mist, but rooted them quite well in a closed case. Unexpectedly this year we found that another difficult to root myrtaceous

plant from Australia, *Verticordia*, rooted well under mist, and failed in the close case. Many other Australian plants which are sometimes considered difficult have rooted well under mist, these include several *Acacia* spp. hakeas, *Calothamnus* and melaleucas to name a few. As I write we have just potted nine very healthy *Daphne odora* cuttings—a one hundred per cent. rooting from this plant was quite a surprise; the cuttings were taken in September. Though mist-units are not the answer for all plants they have, in their relatively short horticultural life, become almost an indispensable aid to most propagating departments.

J. B. SIMMONS, *Assistant Curator, Temperate House.*

THE WEATHER AND ITS EFFECTS UPON THE PLANTS AT KEW DURING 1967.

Generally the temperatures over the year at Kew were above average, with the rainfall and sunshine averages near to normal.

After a dry and sunny start the first week of January was cold with a few snow showers. There were 11° F. of frost on the night of the 9th. As a contrast, a 50° F. minimum was recorded on the nights of 28th and 29th. The last fortnight of January was unsettled and mild, conditions which suited the Hamamelis in particular. There are many large bushes, occurring singly and in groups, and they gave a wonderful display.

The first fortnight of February was dry with sunny periods, and this allowed for the extensive use of the spiker or aerator as a means of reducing turf consolidation. The second half was unsettled and windy, with frequent periods of rain or showers. The 27th and 28th were windy with gusts of over 60 m.p.h., and as a result the more exposed parts of the Gardens suffered some branch damage. The unsettled weather continued generally until the end of April.

On the night of April 1st, 12° F. of frost resulted in extensive damage to many of the spring flowering trees and shrubs. The Prunus and Rhododendrons in particular, suffered severely, but the Magnolias and Camellias also appeared very tattered. Yet a few days later a run of high minimums were recorded—50°, 54°, 49° 53° and 51° F. May too was the wettest in England and Wales since 1773, the grass mowing during this period was difficult.

June was on the whole dry, but it became unsettled toward the end of the month. The irrigators were quite busy during the first three weeks. On Sunday, June 25th, at mid-day there was a very heavy storm, and at approximately 2 p.m. a mature specimen of *Liriodendron tulipifera* was struck by lightning. The tree, which was directly between the south end of the Temperate House and the Cafeteria, was affected at the base only. It appeared as though the strike followed the continuous stream of heavy rain which drove in at a low angle. The trunk was torn asunder at ground level.

causing the collapse of the whole tree. The dry spell which followed was again broken by a severe storm on the night of Saturday, July 22nd, during which there was over 1 inch of rain.

From August to mid-November it was changeable, rain or showers alternating with sunny periods. During the whole of October and November there were only 22 days which were perfectly dry. Under these conditions leaf-fall was delayed, and this resulted in some fine autumn colour. The beeches in particular were very good, with a deep golden glow which is unusual for Kew.

During the first two days of December there was some fog, but this cleared after rain, and in fact there has been little trouble from this during this winter. Such winter flowering plants as *Reinwardtia trigyna*, which suffers badly from blossom fall during foggy periods, have thus been unaffected, and there have been some good batches in the display houses. There were snow showers during the 8th and 9th and the wind, coming from the North and East was very strong at times. Rain fell on the 20th and mild conditions prevailed over Christmas until the 27th. Kew had its wettest Christmas Day for 20 years. Again it turned cold during the last four days of the month with snow in many parts of the country. Thus the year closed—the weather had proved to be changeable and as far as the plants were concerned, it had been rather uneventful.

THE HERBARIUM, 1967

The large new wing of the Herbarium, which closes the quadrangle by linking up Wing A at the west end and Wing C at the east end, was completed structurally during 1967. The move into the new wing had been expected to take place in the autumn but this was delayed until the air conditioning plant functioned properly, and the move is not likely to take place until well into 1968. In the meantime planning for the move has continued.

Open Day was held on 6th May and a co-ordinated exhibition was staged in the Herbarium to demonstrate the processes involved in accessioning, naming and incorporating specimens, as well as the uses to which herbarium specimens are put.

Two parts of Volume 21 of *Kew Bulletin* were published during the year. Also published were *Cucurbitaceae* by C. Jeffrey and *Leguminosae (Caesalpinoideae)* by J. P. M. Brenan for the Flora of Tropical East Africa. The 500th issue of *Herbarium News* appeared on 9th June, 1967.

Many staff changes have occurred during the year. Miss G. M. Pring retired and was succeeded in the Herbarium Office by Miss M. D. Norman, Mr. R. C. Dickeson and Mr. P. J. Edwards were appointed Scientific Assistants, Mr. G. E. Wickens and Mr. B. F. Mathew as Experimental Officers; Miss M. M. Stammers succeeded Mr. R. Davidge as Assistant Librarian. Miss J. Dorrell, Miss S. Horton and Miss J. Winn resigned as Scientific Assistants,

as well as Mr. J. R. Tennant from his post as Experimental Officer. Mr. J. R. Sealy, Principal Scientific Officer in charge of the cultivated section, retired at the end of the year. All the staff employed on the Flora of West Tropical Africa, the Flora of Tropical East Africa and Flora Zambesiaca by the Ministry of Overseas Development, were taken on to the Kew Staff (i.e. M.A.F.F.). Several liaison botanists from other countries continue to be stationed in the Herbarium for periods of one or more years. Thus Dr. M. P. Nayar returned to India, and Mr. E. G. Oliver succeeded Dr. O. Leistner from South Africa. Mr. A. B. Court returned to Australia and his place was taken by Mr. A. S. George.

Several members were attached to expeditions. Mr. A. R. Smith joined the Middle East Command Expedition to Socotra Island from March to June, Mr. D. Philcox left for Brazil where he was working with the Royal Society's Expedition, and at the end of the year Mr. S. A. Renvoize flew to East Africa on his way to the Royal Society's Expedition to Aldabra Island. Dr. R. Melville attended the U.N.E.S.C.O. Symposium on Gondwana Stratigraphy in Argentina.

Miss Mary Grierson, the official Kew Artist who works in the Herbarium, had two of her designs accepted by the G.P.O. They were for the 9d. and 1/9d. issue of the Wild Flower Set.

F. N. HEPPER, *Herbarium*.

ASSOCIATION OF KEW GARDENERS IN AMERICA

The annual dinner and meeting of the Association of Kew Gardeners in America was held at the Golden Bowl Restaurant in Cleveland on September 20th, 1967—a date coinciding with meetings of the American Horticultural Congress.

This year an announcement of the dinner and invitation to attend was mailed to 115 Kew, Edinburgh and Wisley men, and I regret any who may have been missed because I lacked names or addresses.

It was a great pleasure to have Wisley represented by Gordon Tyrell, Angus Paxton Heeps and Roy Boutard. Kew was represented by Michael Dodge (1964), Leslie Laking and Mrs. Laking (1941), Robert Keith (1937) and Mrs. Keith, Donald Watson (1937), Howard Swift (1937) and Mrs. Swift. Guests were John Popenoe, Director, Fairchild Tropical Garden; Mr. Ephraim Porter of Bartlett Tree Experts; John Michalko, Commissioner, Division of Shade Trees in Cleveland, and Mrs. Michalko.

After a very pleasant dinner, made very festive with new varieties of Anthurium and Frangipani brought from Hawaii by Don Watson, we drove to the new Garden Centre of Greater Cleveland where I am Assistant Director. Very briefly I reviewed the 1966 meeting which marked our 50th anniversary, and meetings which have been held during my seven years as President.

A directive from the officers: Howard Swift, President; Henry Downer, Vice-President; Sam Bridge, Secretary-Treasurer; and James Beale, Director; accepting my resignation, named Leslie Laking as the new President who, as Director of the Royal Botanic Garden, Hamilton, Ontario, is very well qualified for the position. Surrounded as he is by the largest concentration of Kew men on this continent, and a Kew wife, we wish him every success.

In signing off, I would like to pay warm tribute to the fine horticulturists of this organization with whom I have been associated — men who have made vital contributions to horticulture through the years. It has been a great pleasure to have been able to help provide the group with at least one annual contact and to maintain annual meetings. Although attended by few, they have been very fine meetings—resulting in the best of good fellowship and many pleasant memories, not to mention expressions of staunch loyalty to Kew. It is our sincere hope that there will always be annual meetings for Kew men, and that these will be well-attended by Edinburgh and Wisley men who can join us, and this includes any who may be visiting here when we are meeting.

As a feature of our informal meeting, Don Watson spoke about flower and fruit crops in Hawaii and illustrated his very interesting remarks with coloured slides. For Don, Daisy and Bob Keith and I, this meeting made possible a very pleasant reunion after many years as we were all at Kew in 1936 and 1937 and were often together there. The new Garden Centre made quite an impression. Any who could not be with us are invited to visit the centre whenever feasible.

HOWARD W. SWIFT, *President.*

In an interesting letter dated January 19th, 1968, which accompanied this report Mr. Swift wrote—"In a letter dated January 12th, 1968, from James Beale (1911) he reports poor health but a wonderful spirit and enthusiasm. He has always been one of the main bulwarks of the Kew organisation and a wonderful friend.

"I have mentioned John Bryan who you probably know. He had training at both Edinburgh and Kew if I am not mistaken—and a most interesting sojourn in France, where he was employed as a landscape architect. His firm contributed a lot of superb lily bulbs to the Garden Centre this fall in view of the North American Lily Convention scheduled at the Garden Centre in 1969.

"Plans are underway to have a chartered plane leaving Cleveland after the meetings here for those who wish to attend the lily congress in England. I shall hope to attend the American meetings in Philadelphia this July in order to know better what to expect when the convention meets here next year."

KEWITES AS AUTHORS

STELLA ROSS-CRAIG

"Drawings of British Plants" Part XXIV. *Labiatae*. London, G. Bell (1967). 13s. 6d.

J. HUTCHINSON

"The Genera of Flowering Plants" (*Angiospermae*). Volume 2. *Dicotyledones*. Oxford, Clarendon Press (1967). £9 10s. 0d.

J. HUTCHINSON

"Key to the Families of Flowering Plants of the World." Revised and enlarged for use as a supplement to the "Genera of Flowering Plants". Oxford, Clarendon Press (1967). 30s. 0d. Paper covers, 18s. 0d.

J. P. M. BRENNAN

"Flora of Tropical East Africa." *Leguminosae*; subfamily *Caesalpinioideae*. H.M. Stationery Office (1967). £1 8s. 0d.

C. JEFFREY

"Flora of Tropical East Africa." *Cucurbitaceae*. H.M. Stationery Office (1967). 18s. 0d.

F. G. RODWAY (1951)

"Starting With Orchids." Collingridge. 35s. 0d.

"The Endemic Flora of Tasmania" Part 1. Plates by Margaret Stones; text by Winifred M. Curtis. Ariel Press (1967). £15 15s. 0d.

REMINDERS

ANNUAL DINNER - 22nd May 1968

ANNUAL GENERAL MEETING AND TEA

Saturday, 21st September 1968

AN IMPORTANT RE-INTRODUCTION OF POPULUS

A consignment of seed sent to Kew by the North American Division of the International Poplar Council in July, 1967, has resulted in the re-introduction of two rare species of *Populus* to the Royal Botanic Gardens.

Among the collection of 40 packets were a generous sample of *Populus grandidentata* Michx. collected in the wild in Michigan, a packet of *P. tremuloides* Michx. collected in Wisconsin and a further packet of *P. tremuloides* collected in Vermont. Both of these species are very rare in the United Kingdom, indeed they may not, at the moment, be in the country in a mature state.

Populus seed is of very short viability and the entire collection was flown to the Royal Botanic Gardens. On receipt in the Arboretum Nursery we were required to run a germination test on each species, and we also were to germinate all of the seeds, and remove those required for Kew, before passing the remainder on to the Forestry Commission.

Accordingly 20 seeds of each species were sown in petrie dishes and the seeds left were sown in the Arboretum. The seed was all sown in a general seed compost (2 parts of granulated peat, 1 part of loam, 1 part of coarse, sharp sand) and placed in an airy, shaded, frame in the Propagating House. Germination was astonishingly fast, some species commencing to germinate with 24 hours, all the species being fully emerged with 5 days.

Populus tremuloides (Vermont) 40% germination—4 days.

Populus tremuloides (Wisconsin) 80% germination—3 days.

Populus grandidentata (Michigan) 95% germination—3 days.

It was decided to keep solely *Populus tremuloides* and *Populus grandidentata* and the remainder were sent to the Forestry Commission. All the seedlings of these two spp. were pricked out into pans the week following sowing—again in seed compost. The seedlings were grown on in a very cool, slightly shaded house.

Within three weeks of pricking out the young plants were again ready for potting. A total of 160 plants of *Populus tremuloides*, and 15 plants of *Populus grandidentata* were potted into 3" pots. The young plants were moved into a cold house with full ventilation, and little shading. Compost for this potting was a mixture of 5 parts by bulk of good loam, 3 parts of granulated peat, and 2 parts of sand. Ultimately the plants were settled in 4½" pots.

The average height of the seedlings was 9" when growth ceased in September. The plants were allowed to go dormant, watering was reduced, and, when all of the leaves had dropped, the plants were housed in well ventilated cold frames for the winter.

Many of the plants have been sent to gardens in U.K. on an exchange basis—Edinburgh B.G., Oxford B.G., Cambridge B.G., and to several important National Trust Gardens. It is to be hoped that sufficient plants have been raised to enable these two valuable trees to be established at Kew and in the U.K. as a whole.

Populus grandidentata Mich. The Large Toothed Aspen. This tree has reached about 30' in this country (more than double in the wild) and was first introduced in 1772 (Loudon). It is probably closely related to *P. tremula*.

Populus tremuloides Mich. The American Aspen. Known to attain about 40' in this country, this species will, again, reach more than double in nature. According to Aiton, this tree was first introduced in 1812. *P. tremuloides* is the most widely distributed American tree (Bean), being found right across the Continent, and as high as the Arctic Circle.

Neither species has ever succeeded well in this country.

M. J. DAWES, *Foreman, Arboretum Nursery.*

THE KEW THREE-YEAR DIPLOMA COURSE

During the last three years the theoretical course of instruction has developed towards a more consistent pattern. This involves a great deal of liaison work with the lecturers responsible for the twenty subjects and also with the external examiners who set the examination papers. The Director mentioned, at our second Presentation Day, our great debt to the lecturers and examiners without whose assistance there would be no Kew Diploma Course. Kew students have a sizeable examination burden to face. It is to their credit that they prove to outside examiners that they do remember their subjects.

With the reorganisation that is taking place it is expected that all students will spend one period of six months in each of the five departments within the gardens, with an extra six months in either the decorative or tropical sections. As far as is possible, students are now gaining some experience with machinery, but it has become essential for those who drive the tractors, to hold a current driving licence.

Official visits for the students have been arranged to a variety of interesting horticultural and scientific establishments, including Rothamsted and the National Vegetable Research Station, Wellesbourne. These visits were made in a modern coach, a welcome improvement on the wooden benches in the back of the lorry which was used in the past.

While there is room for improvement, some good changes have taken place, for example—demonstration subjects which allow for student participation, such as wreath making and the packing of plants for despatch, have been increased in duration to two hours. All those concerned have felt in such cases that this step forward has been worthwhile. One limiting factor in many instances, has been the limited accommodation provided by the departmental potting sheds, but the new one in the "T" range is a welcome improvement. We look forward to the others which are in the M.O.P.B.W. pipeline.

L. PEMBERTON, *Supervisor of Studies.*

PLANTS FROM SOCOTRA

On the afternoon of March 11th, 1967, I left Lyneham R.A.F. Station on the first stage of my trip to the island of Socotra, in the Arabian Sea, as a member of a joint military-civilian expedition sponsored by Middle East Command, Aden, and led by Major P. G. Boxhall of the Intelligence Corps. Altogether two and half months were spent in the Socotran Archipelago—mostly on Socotra itself, except for a short visit to the neighbouring island of Abd al Kuri. On the expedition, I was accompanied by the amateur succulent enthusiast, Mr. J. J. Lavranos of Johannesburg, whose previous experience in South Arabia proved invaluable.

Socotra is situated some 120 miles from Cape Gardafui, the easternmost point of Africa, and it is about 300 miles south of Arabia. Although it is only 72 miles long and 22 miles wide, it has a very varied terrain.

The first fortnight on the island was hot and dry, and the vegetation of the plains was in a rather burnt-up condition. The situation in the mountains, which rise to 5,000 ft., and on the north-facing limestone escarpments, was not so bad. At the end of March, however, a vigorous cyclone brought much rain, and thereafter conditions improved all round.

Socotra possesses a flora rich in endemics, some of which are, to say the least, bizarre. Prominent amongst the latter are the Esetf, *Adenium obseum* ssp. *socotranum*, and the Gamhen, or "Cucumber Tree", *Dendrosicyos socotrana* (see Fig. 1). The Gamhen is the only member of the family Cucurbitaceae to attain tree-like proportions, but because the trunk is really a columnar epigeal tuber, and not woody, it is better regarded as a dendroid herb.

Socotra is commonly referred to as the "Island of the Dragon's Blood", on account of the endemic *Dracaena* tree (*D. cinnabari*—Fig. 2) which occurs above 1,000 ft., and from which is obtained a dark reddish-brown crystalline resin, used in dyeing faces and earthenware pots by the islanders, which has been known since ancient times as "Dragon's Blood". This species most closely approaches *Dracaena draco* or Teneriffe, rather than the mainland representatives of the genus.

The islanders are composed of three basic ethnic groups—Arabs, African and "endemic" Socoteri; the latter are relict people having a language all of their own which is quite unrelated to Arabic.

Goats abound, and consequently the vegetation suffers—particularly in the plains and foothills, where overgrazing is a constant feature. Amongst the granite pinnacles of the Hagg hier Mountains, however, where cool streams run nearly all the year round, the vegetation does not suffer quite so badly in this way, and this is fortunate, because it is here that many of the endemics are found.

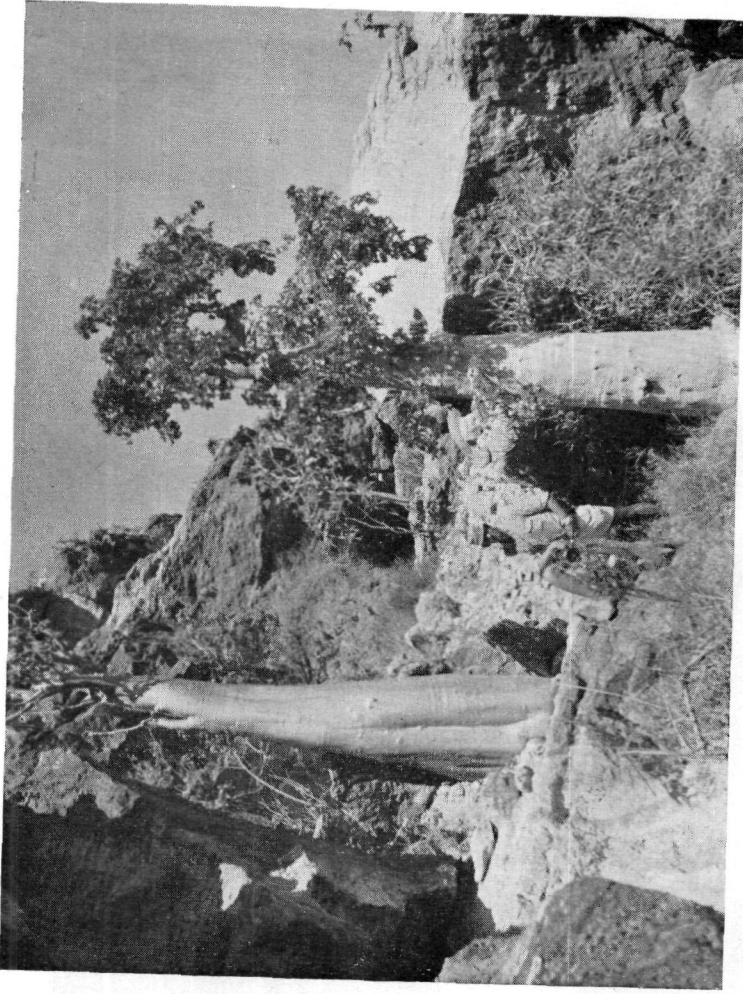


Fig. 1. *Adenium obesum* ssp. *Socotranum* (left) and *Dendrosicyos socotrana*, *Jebel Rughid*, *Socotra*.

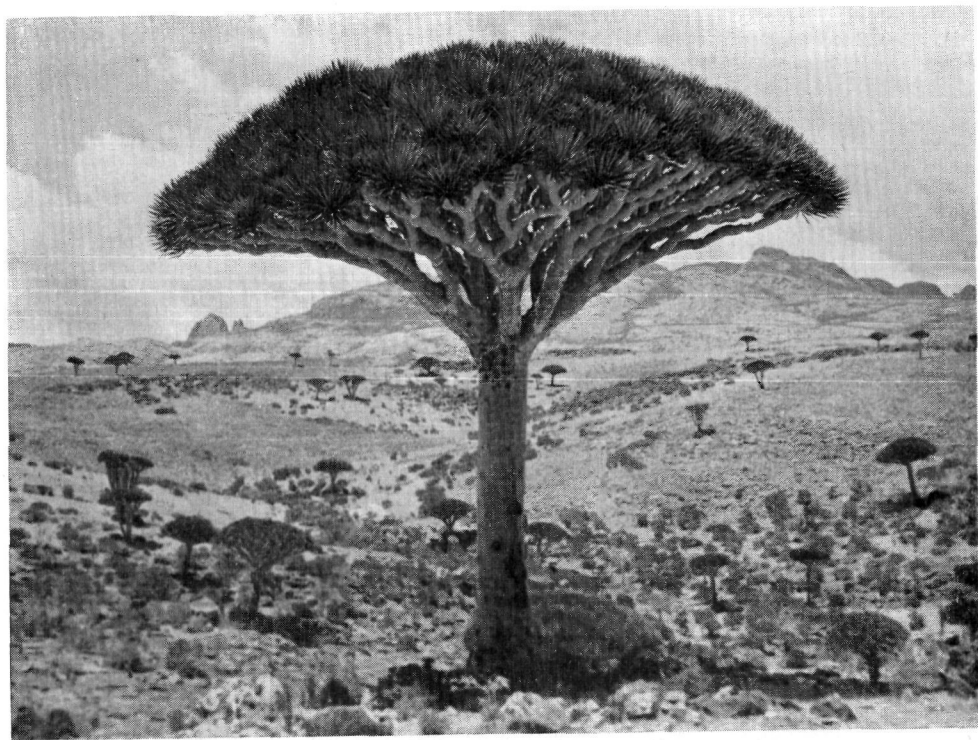


Fig. 2. *Dracaena cinnabari*, Grunhin Plateau, Socotra.

Collecting was mainly carried out in the northern part of the island, which receives the most rainfall; the south is largely a rain-shadow area and consequently supports a much sparser vegetation than the north. Some 800 gatherings were made altogether, each one being represented either by herbarium material only, by living plants only, or both.

Although there are several endemic species on the island, and a number of endemic genera, there is only one endemic family, namely the Dirachmaceae, with a single genus, *Dirachma*. *D. socotrana*, the only species, appears to be restricted to one locality—the mountain pass known as Ras Hazira Muqadrihun, where the granite of the Haghghiers meets the limestone of Jebel Rughid. It is a small tree up to 12 feet in height, with attractive white flowers over an inch across, and it appears to have some connection with the *Geraniales*. It rarely sets viable seed, and only one of the seeds brought back has germinated. This is, as far as is known, the first time that *Dirachma* has been brought into cultivation.

Owing to the situation in Aden, where matters were coming to a head prior to independence being granted to South Arabia (now the People's Republic of the South Yemen) and for other reasons, the expedition was unfortunately brought to a premature close, with the consequence that the last members were brought off the island on June 1st, instead of the 20th, as had been previously planned, and so nearly three weeks of valuable collecting time were lost. However, eleven very profitable weeks had been spent on this fascinating island, and so it was a question of counting blessings.

Shortly after we returned to Aden, sorties into the South Arabian hills were planned. However, on our arrival in Lodar, beneath the beetling brow of the 7,000 ft. Audhali escarpment, we learnt of the outbreak of hostilities between Israel and the Arab world on June 5th, and a rapidly deteriorating situation forced us to return to Aden. I arrived back in the U.K. on June 12th.

A. R. SMITH, *Herbarium*.

GUILD EMBLEMS

Kew Guild Ties (Navy Blue Terylene)	... ..	20/-	each
Kew Guild Blazer Badges (Hand-made, Gold Wire)	... ..	53/6	each
<i>Please state whether Navy Blue or Black background is required when ordering.</i>			
Kew Guild Car Badges (Grill fitting, chromium plated)	... ..	37/6	each
Kew Guild Cuff Links			
	(Gold cased, white enamel background)	53/6	pair
Kew Guild Scarves (6 ft.)	... ..	35/6	each
	(5 ft.)	... ..	30/6 each
	(Navy Blue background colour)		

All prices are inclusive of packing and postage.

All cheques, postal orders, etc., should be made payable to the Kew Guild.

THE SPRINGTAILS AT KEW

An interesting account of the Collembolan (Springtail) Fauna appeared in the *Kew Bulletin*, Vol. 21, No. 2 (1967). It was the combined work of P. N. Lawrence (British Museum (Natural History)), J. L. Gilbert (Kew) and H. K. Airy Shaw (Kew). A direct quotation of Mr. Lawrence's introduction explains the scope of this work and its usefulness :—

“There are probably more species of Collembola in the Royal Botanic Gardens, Kew, than in any other area of similar size in the British Isles. Already the list is longer than any of those prepared by my wife and myself for the more than twenty-five English Nature Reserves in which we have made preliminary surveys.

“Those species which occur commonly in southern England flourish in large numbers at Kew, where they enjoy the benefits of regular watering, aeration and feeding which are not always available in the wild. In addition to these, the different soil conditions needed to support the rich variety of plants facilitate the establishment of forms introduced from other regions or countries. Little collecting has so far been carried out in the hot-houses, where exotic species have been seen together with mites which have been described as new.

“Most of the collecting has been carried out in the grounds by Mr. John L. Gilbert, assisted by other members of the Kew staff. Direct methods such as brushing and aspiration have been used for the larger species, while others were extracted from samples of soil by means of modified Berlese funnels in the Department of Entomology, British Museum (Natural History), where most of the identifications have been made. The present paper, compiled by Mr. H. K. Airy Shaw, is a summary of results so far, and it is likely that many more species await discovery.

“In the wilder parts of the Gardens, deeper deposits of leaf litter commonly produce over 100 specimens of 10 species of Collembola per half litre. The densest populations of springtails in Kew were found in the piles of hop manure used to fertilise the flower beds. Several hundred specimens, predominantly of only one or two species, were commonly found in half a litre of such material. Many of these insects are introduced to the flower beds, but there have been no reports of these Collembola damaging living plants. It is apparent that they continue to break down the hop manure, which results in the increased nitrification of the soil.

“The occurrence of springtails in such numbers of individuals and species in the soil which supports the rich and varied flora of Kew suggests relationships between Collembola and fertile soil which may repay the investigations of ecologists. The detailed life histories of many species are still unknown despite their frequency and abundance. The present list, giving the exact habitats and locations of many species should lead to their easy recovery by students with facilities to breed Collembola under controlled conditions.”

The story of *Proisotoma schoetti*, which was found in quantity by the Lake in July, is interesting. "The occurrence of this species here is of some interest. It has hitherto been recorded, as a true halophile, from sea coasts in Britain and elsewhere, but not from the shores of inland lakes. The Lake at Kew, however, is fed directly from the River Thames, which, although still tidal at this point, is only four miles below the highest reach of tides at Teddington Lock. The effect of tidal salt water from the estuary might therefore be expected to be negligible. In the summer of 1921 a severe drought occurred, which necessitated a greatly increased watering programme throughout the Gardens at Kew. At that time almost all the water used for the plant collections was obtained from the Lake, via filter beds in the Gardens and a reservoir in Richmond Park. The effect on the plants on this occasion was disastrous. Many species were stunted or lost their foliage and some were killed outright. The water-supply at once came under suspicion and the late (Dr.) W. B. Turrill was asked to undertake a thorough investigation. The results of this were published in a series of short articles in the *Bulletin of Miscellaneous Information*, Kew, 1922 : 1-15 (1922), which were both illuminating and surprising. It was found that, in September, 1921, the Lake water was 10 times as salt as that of the Thames immediately opposite! Turrill concluded that this was directly attributable to the drought, both through reducing the flow of water from the Thames basin through the river, and through the consequently greater volume of salt water that flowed up with the tides. Seaweed was actually observed in the Thames at Kew Bridge in 1921. A further factor was the increased evaporation from the Lake during the abnormally hot weather. It thus seems probable that saline conditions are always present in some degree in the Lake at Kew, though rarely reaching the extreme concentrations noted during the above investigation. There is evidently just sufficient salt in the water to support a truly halophilous species such as *Proisotoma schoetti*."

A REPORT ON NATURE TRAILS

E. V. Wray (1948) has for many years been one of the foremost authorities upon Nature Trails and their use in Secondary Schools education. The following extract is from a publication issued by the Huntcliff Secondary School, Kirton Lindsey :—

Investigation into the use and value of Nature Trails as a Teaching Medium in the Secondary School.

By E. Verdun Wray.

Head of Rural Studies Department, Huntcliff Secondary School,
Kirton Lindsey.

"Our Rural Studies Department has recently concluded a series of three investigations in the preparation, use, potential and value of nature trails as a teaching medium for secondary school pupils. The investigations were in the form of three experimental nature trails organised and conducted in close liaison with the

Lincolnshire Trust for Nature Conservation on two of our county nature reserves. Brief facts about the trails are as follows: First Trail: Designed for pupils of A and B streams. Twenty Stations. Blown sand area. Work prefaced and concluded at school. Second Trail: Designed for pupils of C, D and E streams. Twelve stations. Same area as first trail. Work prefaced and concluded at school. Third Trail: Designed for pupils of A to E stream ability who had participated in one of the two previous trails. Four habitats. Coastal area. All work done on site—residential trail.

“Throughout these investigations pupils’ reactions were closely observed and much importance was attached to the answers they gave to a detailed questionnaire after each trail. The recommendations which we were able to make resulting from this research reflect very much these reactions and comments.

“Recommendations. 1. Nature Trails need to be carefully devised by persons who have intimate knowledge of the pupils and area concerned. 2. Close collaboration and liaison between all concerned in the planning, preparation and conducting of a trail is essential. 3. The format and length of a trail should depend on the ability of the pupils who participate. 4. Longer trails planned on habitat lines are more suited to pupils of A and B stream ability, while simpler, shorter trails with clearly defined stations are more suited to pupils of C, D and E stream ability. 5. A residential trail where preparation and summing up can be done on the site is of much more value to all pupils, irrespective of stream, than one in which preparation and summing up has to be done at school. 6. The educational value of a well-devised nature trail is far in excess of that of an average walk. 7. The text of a nature trail should be punctuated throughout by short spells of practical work, e.g. collecting specimens, making investigations, sketching, plaster-cast making, etc. 8. The use of specimens at frequent intervals throughout the trail is of great importance. 9. Suitable reference books and study and laboratory facilities are very valuable aids. Full details of the first trail were published in Volume 2, No. 1 of this *Journal* and four of the participating pupils spoke about their experiences on a radio nature programme. An exhibit covering the whole of the work was staged at the School Natural Science Society’s Biennial Exhibition in November, 1966.”

It is interesting that Mr. Wray emphasises the need for close liaison with Naturalists’ Trusts Authorities. His work for this investigation was conducted on the Linwood Warren Nature Trail, a Lincolnshire Nature Reserve.

ARBORICULTURAL ASSOCIATION

We are able to report another interesting chapter in the forward movement of this professionally based Association, which came into existence in 1964, with a view to effectively coping with the growing challenge to trees, and the elevation of the standards of arboricultural practice.

Many Kewites are actively engaged in work for the Association, some of them serving on sub-committees dealing with subjects such as education and training, consultancy, exhibits and publicity, whilst others are on the various committees of the British Standards Institution, and other bodies concerned with trees.

The past year has seen the advent of a third Vice-President in the person of Earl Jellicoe, and the formation of branches in the Midlands and the West. Norman Waumsley (1948), the Secretary of the Midland Branch will be pleased to hear from Kew men from this area, who are concerned with special problems affecting trees, and who would like to take an active part in the forward looking programme being drawn up for the region.

We would like to see greater Kew representation in the West, and Kewites situated in that part of the country are invited to get in touch with the Western Region Secretary, Mr. J. H. Wilks, "The Deans", Hambrook Lane, Stoke Gifford, Bristol.

The position is now stirring in the North, and any members of the Guild situated in this part of the country are invited to get in touch with Mr. A. L. Winning, Manager, City of Sheffield Parks Department, Meevsbrook Park, Brook Road, Sheffield 8, who has kindly undertaken to raise the Association's standard in the North.

The year 1967 has been a very successful one for field events, educational visits and lectures, while a programme for 1968/69 is under consideration. The advisory leaflets on Tree Preservation and Tree Pruning, continue to be in heavy demand and others are to be published in due course.

The "symposium of Hedgerows" held in the lecture hall of the Royal Society of Arts in November, has given rise to a memorandum, which has been addressed to the Members of the House of Commons and House of Lords, who are engaged with the standing committees, set up to deal with the Countryside Bill. It is hoped that consideration will be given by the Government to the recommendations contained therein.

D. V. WELLS, (1936),

Chairman of the Arboricultural Association.

Mr. Wells sent us this report upon request, for we feel sure that Kewites would be interested in this Association and its progress. One cannot think of Kew without trees, or of trees without Kew for that matter.—Ed.

OLD KEWITES AND FRIENDS OF KEW IN THE EASTERN U.S.A.

On their return journey from a holiday in Jamaica, Dr. and Mrs. Metcalfe had the good fortune to visit a number of botanical institutions in the eastern part of the U.S.A. where they were the

guests of botanists who have been to or have worked at Kew in recent years. These visits were made between March 28th and April 4th, 1967. Dr. Metcalfe reports as follows : —

We spent a night at the Fairchild Tropical Garden at Miami, Florida, far famed for its collection of Palms, as the guests of Dr. and Mrs. P. B. Tomlinson. It will be recalled that Dr. Tomlinson, a native of Yorkshire, has been a frequent visitor to Kew. He is author of Vol. II of "Anatomy of the Monocotyledons", and has another volume of this same Kew publication in the Press at the present time. There was time whilst we were at the Fairchild Tropical Garden to see the new laboratory of which Dr. Tomlinson is in charge, and which, like the Jodrell Laboratory, serves for the study of the anatomy, cytology and physiology of plants. Here we met another Old Kewite, Miss P. Fawcett, who was for a time employed as an artist at the Kew Herbarium, but is currently engaged in illustrating work published by Dr. Tomlinson and his colleagues at Miami. The new nursery at the Fairchild Garden was also visited where a very large number of Palm seedlings are being raised from seed collected by Dr. H. E. Moore during his world-wide travels.

We next went on to Duke University, North Carolina, to stay with Dr. Jane Philpott, another recent visitor to the Jodrell Laboratory. Apart from seeing the botanical department at the University and being entertained at a dinner party to meet members of the University staff, we were shown round the very beautiful Duke Garden, by its enthusiastic Curator, Mr. Fillmore, a Canadian by birth, who has acquired many of his horticultural ideas after visiting numerous British gardens, including Kew.

This garden is very well maintained by a staff that is so small that it would scarcely seem credible to those who are accustomed to the conditions at Kew that the work can be done by so few gardeners. This result is achieved by mechanization and the introduction of labour saving practices.

Duke University, sometimes referred to as, "The Harvard of the South", is a private foundation, initiated by the Duke family, and has a most beautiful campus surrounded by woodlands. Whilst at Duke University we were taken to see the neighbouring Universities at Chapel Hill and Raleigh respectively which are maintained by public funds.

We next went on to Washington where we stayed first with Dr. and Mrs. David Keck and then with Dr. William L. and Mrs. Stern. Dr. Keck then held a post, which he has since relinquished, with the National Science Foundation. Dr. Stern at the time was Chairman of the Department of Botany at the Smithsonian Institution, a post which he has now relinquished before migrating to the neighbouring University of Maryland. At Washington we met many other botanists, too numerous to mention by name, in most convivial circumstances. Many of them, including Dr. Keck and Dr.

Stern, have been visitors to Kew. This applies also to Dr. E. Ayensu who has been to Kew on several occasions and did much of his work on the anatomy of the Dioscoreales whilst he was a visitor here. Dr. Ayensu, a Ghanaian, is currently a member of the staff of the Smithsonian Institution. He is at present engaged in writing a volume on the anatomy of the Dioscoreales for inclusion in "Anatomy of the Monocotyledons".

Our last port of call was Boston, Mass., where we were the guests of Dr. and Mrs. R. A. Howard. Dr. Howard, Director of the far-famed Arnold Arboretum, is another well known Kew visitor. Whilst at the Arboretum we also met Dr. Gordon de Wolff, who worked at the Herbarium a few years ago, and is now a member of the Arboretum staff.

It is probably not widely known that Dr. Howard is still an active worker in systematic anatomy, so far as his onerous administrative duties permit, and it was by his invitation that I gave a lunch-time talk at the combined Herbaria at Harvard University concerning the anatomical work at the Jodrell Laboratory.

Another highlight of the visit was a small dinner party given by the Howards which was attended by Dr. Irving W. Bailey, until recently one of the world's most eminent plant anatomists. Dr. Bailey was in splendid form for the occasion, and it seems scarcely credible that he died only a few weeks afterwards. One of the last botanical acts of his life was to attempt to send me a letter concerning various anatomical problems but, unfortunately, the letter was never actually dictated. His secretary subsequently wrote to say that Dr. Bailey had every intention of dictating the letter on the very day on which he died.

It was indeed a pleasure to meet and to be enthusiastically welcomed by so many botanical friends of Kew in the course of a few days. American hospitality is proverbial, and to be welcomed into the homes of one's American colleagues is a most stimulating experience and contributes towards a much closer understanding of American thought and the American way of life, concerning both of which many of us have quite wrong impressions. International understanding amongst botanists is something very precious in these days when there is so much strife and bitterness in the world. It has indeed been a privilege to have added the experience of yet another brief American encounter to several that have gone before.

THE KEW GRAPEVINE

The A.H.R.H.S. to R. D. Hogg (1937), C. W. Rudd (1930) and D. V. Wells (1936).

Diploma of Arboriculture—J. M. Kerr (1960).

Certificate of Arboriculture—B. Nash (1967).

A. Hart (1958) was awarded the Certificate in Landscape Design by the University College, London.

C. I. McDowell (1960) has been awarded the Cochayne Memorial Medal by the New Zealand Institute of Horticulture, on his gaining the highest marks in the final stage of the examination for which he submitted a thesis on Landscape Gardening.

G. M. Fuller (1953) has passed the oral, practical stage II and horticultural stage II in this examination.

D.I.P.A. Final, M. Baren (1962), D. J. Pearson (1965) and A. Hart (1958).

N.D.H. Intermediate—M. Cudd, T. Webster, B. Frankland and R. Cowley (all students).

The I.S.O. to Dr. R. Melville (Kew) in the New Year Honours List, 1966.

D. V. Field awarded a degree of M.Phil. at the London University for his thesis on the anatomy and taxonomy of the Stapelieae (Asclepiadaceae).

D. Philcox awarded the degree of M.Sc. by the University of Leicester.

W. D. Clayton. An award of a Ph.D. was made by the University of London for his revision of the genus *Hyparrhenia*.

D. N. Pegler (Kew) has been awarded a Royal Society and Nuffield Foundation Bursary to visit East Africa for the purpose of collecting fungi.

The Veitch Memorial Medal to J. S. L. Gilmour (1946).

Miss R. Angel has been promoted to the acting rank of Senior Experimental Officer in the Museums Department.

Dr. C. E. Hubbard was awarded the Linnean Gold Medal by the Linnean Society.

E. W. B. H. Milne-Redhead has been elected as an Honorary Member of the Société Royale de Botanique de Belgique in recognition of his work on the Flora of Tropical Africa and the development of A.E.T.F.A.T. and of his cordial relations with members of the Société visiting Kew.

An Award of Merit was made to a newly recognised cultivar '*Sydney Pearce*' of the Indian Horsechestnut — *Aesculus indica*. The actual tree is beside No. 1, the Aroid House.

The Ernest Thornton-Smith Travelling Scholarship. Through the generosity of Mr. Ernest Thornton-Smith, Senior Past Master of the Worshipful Company of Gardeners, and the Thornton-Smith Young People's Trust, an annual Scholarship of £800 is to be awarded to a Diploma Course student at Kew to provide the expenses of a visit to the Caribbean or Tropical South America to study the plants of these regions. The award will be made at the discretion of the Director.

Sir George Taylor has been elected by the Court of the Worshipful Company of Gardeners to an Honorary Freedom of the Company.

A. D. Schilling, who was in charge of the Botanic Garden at Kathmandu, Nepal, started duty as Assistant Curator at Wakehurst on February 2nd, 1967.

Miss G. M. Pring of the Herbarium Office retired in February. Her efficiency and helpfulness to staff and visitors alike has added greatly to the smooth running of this department. We wish her a long and happy retirement.

The large specimen of *Meliosma veitchiorum*, the rare Chinese tree introduced by Wilson in 1901 was moved about 30 ft. This was to make way for developments to the Ferneries. The ball of roots was estimated at 14 tons and it was moved along a trench to the new site. It has passed the first season in perfect health.

The Minister of Agriculture, Fisheries and Food, The Rt. Hon. T. F. Peart, visited Kew on 28th March.

H.R.H. Princess Shara Shar, younger daughter of H.M. The King of Nepal, accompanied by her husband, visited Kew on 9th April.

Miss Mary Grierson had two of her designs for the set of Wild Flower stamps accepted. They were the dog violet on the 9d. stamp printed in green, grey, violet and orange and the primrose on the 1/9d. stamp in green, yellow and orange. They were issued on 24th April, 1967.

Miss Grierson attended a Press Conference in the Post Office Tower and was entertained to luncheon by the Postmaster General.

On Monday, May 1st, the Director placed wreaths on the plaques to Sir W. J. and Sir J. D. Hooker in Saint Anne's Church on Kew Green. This took place at a short service commemorating the Hookers which was attended by a number of their descendants. Sir Ashley Miles, Biological Secretary of the Royal Society and Miss Mea Allen, the biographer of the Hookers, also attended.

Open Day was held on Saturday, 6th May. Approximately 1,300 persons attended, the majority coming from 16 University Departments, 51 Schools and Training Colleges and 25 Institutions and Societies. The exhibits were arranged in the Herbarium, the Jodrell Laboratory and the Orangery.

There were three lectures during the course of the afternoon : Mr. R. Desmond, "The History of Kew"; Dr. P. Thompson, "The Germination of Seeds"; and Mr. P. S. Green, "Plant Hunting in the South-West Pacific".

The late Charles Raffill Magnolia crossing has again brought the Reginald Cory Memorial Cup to Kew. This Cup, which is awarded to the raiser of a hardy hybrid that is the result of an

intentional cross, was awarded to the Gardens for *Magnolia* 'Kew Surprise', shown at the R.H.S. Hall by F. J. Williams on March 14th, 1967.

Reference to *K.G.J.*, 1963, p. 327, shows that the first award was made after *Magnolia* 'Charles Raffill' was shown on April 18th, 1963 by Windsor Great Park.

The cross, *Magnolia campbellii* subsp. *campbellii* x *M. campbellii* subsp. *mollicomata* was made in 1946.

Dr. R. E. Ives, President of the Ontario Horticultural Association, planted two trees of *Malus* 'Royalty' on May 15th to commemorate the centennial of Canada.

Sir George Taylor, the Director, attended the Visiting Committee of the Arnold Arboretum in May.

A very large plant of *Agave atrovirens latissima*, was moved from No. 5 House to the Orangery where it flowered during the greater part of the year.

Dr. C. J. Marchant left Kew in July to take up a Research Fellowship with the International Research Council of Canada. He will be working at the Plant Research Institute of the Canada Department of Agriculture, Central Experimental Farm, Ottawa. His main study will be concerned with the North American populations of *Spartina*. He will be away for approximately twelve months.

Miss Margaret Stones. Two exhibitions of botanical drawings by Miss Stones of Tasmanian and mainland Australian plants was held in the late summer and early winter at Quantas Airways, 49 Old Bond Street, London.

Sir Winston Scott, G.C.M.G., Governor-General of Barbados, accompanied by Lady Scott, and the High Commissioner of Barbados and his wife, visited the Gardens on 20th October.

Mr. Ronald Baker of G. P. & J. Baker Ltd., Fabrics and Silks Manufacturers called in at the Herbarium during October to discuss the utilization of Nepalese Rhododendrons for a fabric pattern commissioned by the King of Nepal for his new palace in Kathmandu. Mr. Baker is the nephew of the late Mr. J. G. Baker, one-time keeper of the Herbarium.

D. Philcox — Herbarium — joined the Royal Society/Royal Geographic Society Expedition to central Brazil in October, 1967. He expected to spend the six-month period of his stay with the Expedition, collecting in the ill-famed Xingu River area of Northern Matto Grosso. Following this visit, he hopes to join Dr. G. T. Prance of New York Botanical Garden in Manaus for a collecting trip to the interior along the Amazon west of this city.

Mr. T. A. Russell resigned his appointment at Kew at the end of October, 1967, in order to take up a new post for a term of three years at the Allahabad Agricultural Institute in India, involving work on the improvement of crops.

Mr. Russell, before coming to Kew in 1954, had a distinguished career in the Colonial Service in Bermuda and Nigeria, from 1931 to 1954. His work had been in the fields of Plant Pathology and Agriculture in general. He came to Kew as Economic Botanist on the staff of the Museums with the rank of Senior Scientific Officer, and he was promoted to Principal Scientific Officer in 1960. In addition to giving advice on problems of tropical crops and economic plants, he was also in charge of the Quarantine House. His interest in taxonomy was particularly directed to the Palm family and in particular the genus *Raphia* and he revised this family for the new edition for the Flora of West Tropical Africa. Furthermore he was in process of revising Dalziel's "Useful Plants of West Tropical Africa".

Mr. Russell made many friends during his thirteen years at Kew and on their behalf a cheque of £26 together with a card bearing their signatures were presented to him on November 1st. With his money Mr. Russell has bought a camera which he writes, he is putting to good use in India.

H.M. The King of Sweden paid a visit during the morning of November 1st. He saw the new 17th Century Garden and several of the houses. Unfortunately heavy rain prevented an extensive tour of the outside departments.

Mr. J. G. Hicks, Higher Executive Officer, was seconded temporarily to the Minister's office at Tolworth in November to assist in dealing with the foot and mouth disease outbreak. He was on this work before being posted to Kew.

Royal Botanic Gardens Newsletter No. 1 was published in December. Mr. R. W. King is the Editor and it is circulated internally among all the staff.

Three Christmas Lectures were held at Kew for young people on the 1st, 2nd and 3rd January. They were Mr. P. S. Green, "A young botanist in the South-West Pacific"; Mr. A. D. Schilling, "Two years in Nepal"; and Mr. G. U. Lucas, "Conservation of Wild Life".

Mr. B. Halliwell was appointed Assistant Curator of the Decorative Department on January 8th, 1968. He came from the Edinburgh Botanic Gardens, where he was a Foreman.

NEWS AT HOME

D. C. Attenburrow (1954) has returned from Kenya and is now with Messrs. Fisons at the Levington Research Institute, Ipswich.

H. P. Barnes (1960) has moved from the post of Assistant Director of Parks at Dundee and is now Deputy Superintendent of Parks at Harrow.

W. Bessler (1967). In a recent letter Bill wrote "You may be interested to learn that I have a very good post with the Runcorn

Development Corporation, on the new town scheme—as Landscape Architectural Technician—the work is proving very interesting. From the five interviews that I attended I was offered four jobs, in each case Kew being held in good stead. I still intend to go on for the post graduate course at Newcastle or Edinburgh, if not this year, then the next. In the meantime trusting that the industrial North-West will teach me something.”

A. J. Booker (1924) retired in May, 1967, after 29 years as Parks and Gardens Superintendent at Bridlington, Yorks.

E. J. H. Coward (1932), once an exchange student between Kew and La Mortola, described these famous gardens in an article —“La Mortola re-visited” in *Park Administration*, November, 1967.

An account of La Mortola appeared in the *K.G.J.* 1962 written by F. Ballard.

G. Gaskin (1967) has settled in as Landscape Assistant at Messrs. Geo. Whitelegg. He finds his work varied and interesting with about half his time on the drawing board, the remainder interviewing clients, etc.

J. Goodall (1965), who left his studentship to join the Royal Navy has been posted to H.M.S. Triumph. He sent a Christmas Card from Singapore.

J. G. Grant (1928) wrote in August : “I have moved from Ealing and have commenced my retirement in this lovely valley of Taunton Deane. I have visited and have had a visit from Mr. (1926) and Mrs. A. J. Hopkins, now at Bishop Sutton, from Leicester. It was from Somerset that I first commenced my duties at Kew in December, 1923, and to me it is like coming home amongst some of the most homely people in Britain. I have only a small garden, but have managed to get possession of an allotment, so that I can continue to follow up gardening to my heart’s content My wife (née Dolly Ross) joins me in sending our kind regards.”

P. A. Haywood (1950) is Senior Landscape Architect with the Cheshire County Council. He finds the work very interesting. From his letter we quote : “The work consists of landscape design and appraisal of the expansion of such towns as Winslow, Macclesfield and Winsford. This entails roadside planting on new or widened major roads, welfare homes, clinics, schools and housing estates.

“Other interesting work is the layout of a disused railway which runs adjacent to the west coast of the Wirral. The track affords many interesting aspects, from deep cuttings through rock to glorious views across the River Dee to the Welsh Coast and Mountains. It is hoped that this will be a footway for those who live in the built-up areas of Birkenhead and Liverpool, thus saving them the long treks to the Lakes, Snowdonia or the Peak District. It is envisaged that at intervals along the way there will be car parks, caravan and camping sites, etc.

“ Another project is the selection and planning of picnic sites, which will enable long distance travellers who wish to, to pull off the busy roads. These have toilet facilities, benches and seats and areas for children to play in safety.”

M. A. Johnson (1960) is Manager of the Landscape Department of Hewitts, Stratford-on-Avon.

J. J. D. Low (1961) is Assistant Superintendent at Napier City Council Parks Department.

G. L. Manger (1955) is in charge of the glass at Studley College. We wish him well in his fresh start in this country after several years of teaching and missionary work in Africa.

W. Nemes (1928) retired in July, 1967, after being with the Cardiff Parks and Allotments Department as Director for more than 30 years. He was awarded the V.M.H. in 1966. He has retired to the Forest of Dean. He is succeeded by his elder son, W. Nemes.

H. Overeynder (1958) is General Nursery Manager of Messrs. J. O. Sherrard & Sons, Newbury, Berks.

D. Sales (1958) lectures in Decorative Horticulture at the Essex Institute of Agriculture, and has an interesting article, “ New Turf without Toil ”, in *Park Administration*, June, 1967.

J. W. Sparrow (1919) has retired from the post of Head Gardener at the Manor House, Telscombe, Nr. Lewes, Sussex, a position which he took after his return from Kenya.

H. Taylor (1933). Members will be pleased to learn that Hubert Taylor has recovered from his long illness. He was promoted to the position of Senior Horticultural Adviser to the Greater London Council in 1965, having held the rank of Senior Horticultural Officer at the L.C.C. Parks Department for twenty years.

B. Thames (1961) attended the Bath Teachers' Training College (September 1966 to June 1967) to train as a Rural Science Teacher.

M. J. Tomlinson (1967) working for the Central Electricity Board as Landscape Assistant wrote: “ My Landscape division is at Stourport-on-Severn which covers all the C.E.G.B. property west of Birmingham. This is only a sub-division. The main headquarters are at Drakelow, near Burton-on-Trent.

“ One of the interesting projects being undertaken at Drakelow is the establishment of trees on pulverised fly ash. This work is being carried out in conjunction with Leeds University.”

D. Waddell (1966). David, on the staff of the Younger Botanic Garden, Benmore, wrote in early 1967: “ I am still enjoying life up here away from the muck and noise of London, true it's a bit wet at times but it makes the dry days more enjoyable—I expect you know that Geoff Collins (1955) has left Inverewe to be a horticultural adviser over in Inverness ”.

Miss E. M. Wakefield. Part 1 of the *Commonwealth Phytopathological News* contained the following note: "The British Mycological Society has dedicated the September issue of their Transactions to Miss Elsie M. Wakefield in commemoration of her 80th birthday. Before the establishment of C.M.I. and the Ministry of Agriculture's Plant Pathological Laboratory, Miss Wakefield's mycological work at Kew included advisory work in plant pathology for both Britain and overseas, and she was also concerned with training post-graduates in tropical mycology who came to Kew for instruction before the Imperial College of Tropical Agriculture, Trinidad, was founded".

H. W. Welsh (1923) has retired after 37 years with the Hampstead Borough Council. He was superintendent of Open Spaces and Cemeteries.

P. Wilson (1966) who was propagator in the Orchid Pits after completing the Students' Course is now at Messrs. Webbs Plants & Gardens, Hanger Lane, Ealing.

Mrs. L. Wren (1946) (née Wells), most Kewites of this vintage will remember, left Kew to join the firm of Chase Protected Cultivation Ltd., but many will have "lost track" of her activities since this. However, we have recently heard that she is very happily married, that her husband comes from Queensland, Australia, and also that their four-year-old son already takes a keen interest in gardening.

After leaving Chase Cloches she joined Miss Canning, a Kewite in a flower shop in Knightsbridge, before starting out on her own as a garden consultant. During this period she wrote the book—"The Children's Garden", published by Nelson, 12/6d.

Mrs. Wren then writes: "I joined the Royal Choral Society as soon as I'd finished studying for exams and revelled in being able to take part in the performances of great musical works, under our much beloved and lately lamented conductor, Sir Malcolm Sargent. He was a marvellous teacher and could make even the most difficult music possible".

APPOINTMENTS AND NEWS OF ABROAD

I. D. Galloway (1952) was promoted to the position of Director of Parks at Wellington City Corporation, Wellington, New Zealand in August, 1965. He previously held the post of Assistant Director (Admin.) for six months.

G. E. Stone (1950) was appointed to the position of Leaf Manager at Aureol Tobacco Co. Ltd., Freetown, Sierra Leone, West Africa. Previously he held a similar position for four years with the West Indian Tobacco Co. Ltd., Port of Spain, Trinidad.

A. P. Turner (1965) has been promoted to the position of Assistant District Officer at Johannesburg Parks Department. He previously held the position of Horticulturist. He is attempting

the S.A.-N.D.H., which is a two-year part time course, with a possibility of it becoming a three-year course.

J. Winter (1964) has been appointed an Assistant Curator at Kirstenbosch Botanic Gardens. The news was sent in by H. Hall (1933) who is in charge of the succulents.

D. Brown (1950) is now in the United States where he has taken charge of the horticultural section at the New York Botanic Gardens. He took charge of the Borough of Haringey when it was formed in 1964. Mr. Brown started horticulture as an apprentice at Burbridge Hall, near Godalming, at the age of 14. His father, grandfather and great grandfather were gardeners and he has two brothers who are working in parks. He was at Kew from 1948-50 and moved to Hove, to Derby and to Beckenham before becoming Superintendent at Pudsey. Before taking the Haringey post he was Superintendent at Merton and Morden. The Haringey charge includes 1,000 acres of parks and gardens.

H. Bruins-Lich (1928) retired in April 1967, as Director of Parks of Pretoria, a post which he held since 1939. Bruins-Lich has had an interesting and colourful career, which has taken him from Pretoria to Boshop and Utrecht (Holland); Kew, where he was the first colonial student to be taken on after the First World War; St. Helens as Chief Horticulturist; Port of Spain, Trinidad, where he was Curator of the Botanic Garden, and then back to Pretoria.

When he started he had no grant to travel abroad, and worked as a waiter in his spare time in order to save extra money for this. He was known for his pretty buttonholes, which he invariably sold to some young man who wanted to give his sweetheart a posy.

Bruins-Lich was one of the exchange students with La Mortola. It was there that he met the world-famous writer and traveller, Rosita Forbes. She told him he was "a cruel man", when she found him trapping flies destined for the green and blue tree frogs which he had captured to take back to Kew. In another attempt at biological control he introduced owls from the Pretoria Zoo to help keep down the rat population on St. Helena.

Mr. Bruins-Lich plans to spend more time in his own hot-house growing orchids.

J. E. Carr (1930) has retired and is planning to visit England in late 1968 or early 1969. He has a collection of colour slides of North American wild flowers which he intends to bring with him. They are close-up shots side by side with a general view of the depicted plants growing in their natural habitat on the same slide.

Mr. and Mrs. T. Cole (both 1960) are now out in Canada. Trevor is Technical Assistant in the Plant Research Institute at the Central Experimental Farm. This is the original farm and the headquarters of the Department of Agriculture and is set right in Ottawa. The farm has just begun the task of establishing a National Botanic Garden on a site which will link up with the existing arboretum. Trevor's office is next to Arthur Buckley's (1938).

H. E. Downer (1912), in mid-November from Poughkeepsie, N.Y., wrote: "We have had a wonderful fall, both for colour and good weather—the first killing frost just last week. Sorry we did not get to Kew this year as anticipated but look forward with hope to the future. Trust everything is going well with the Gardens".

A. R. Gould (1910) visited Kew during the summer. The occasion gave us great pleasure. We cannot do better than quote from *The Campbell Press*, Santa Clara County, California:—

"When Albert R. Gould, F.R.H.S., of 167 Rosemary Lane, Campbell, last summer was handed a letter by the Lord Mayor of Portsmouth, England, to be delivered to Mayor Ed Rogers of Campbell, it came as a fitting climax to a pleasant visit that Gould had made to his native country, England, which he had not seen for 53 years.

"Gould, a physically active 80-year-old youngster, moved to Campbell in 1960 after 60 years in horticulture work in which he had established a far-reaching reputation as an arboriculturist. He still acts as a consultant in garden designing and other allied activities.

"Gould was born in Birmingham, England, in 1887, and the prime purpose of his return to England last summer was to visit his two sisters and a brother who still reside there and whom he had not seen for 53 years. He left the British Isles when he was 27 years old. He started to work when he was 12 years old. Upon leaving Kew, Gould first went to the Gold Coast where he spent three years in the Department of Agriculture. He remembers shaking hands with William Watson the Curator upon leaving Kew. Watson remarked, 'Goodbye, they call it the White-Man's Grave'. In 1915 he was chosen by the Ferry-Morse Co. to design the garden which won the grand prize at the San Francisco Exposition. He has remained in the United States since then and designed a number of gardens in the Santa Barbara area, including the famed Persian Gardens of the Hotel Samarkand.

"One of Gould's fondest memories is of the visit of the King and Queen of Belgium (grandparents of the present King) to Santa Barbara in 1919. Gould acted as special guide for the royal party. He still retains a memento of the visit, a cigarette case, suitably engraved, complete with royal Belgium crest on the front, a gift to him from the Queen. On his trip to the continent last summer, after first visiting in England Gould visited the royal palace gardens in Belgium. On showing the case he was given 'royal treatment'".

F. R. Jayne (1961) is now Horticulturist-Propagator at the Nurseries of Biltmore House and Gardens, Asheville, North Carolina. Previously he was Horticulturist at Swathmore College, Swathmore, Pa. He writes that "the mountains in Western N.C. are simply beautiful and are a paradise of plants. Kewites are welcome to visit here at any time". Christopher Carrol Jayne was born August 8th, 1967.

K. M. Lycett (1960). In a recent letter Mike wrote : " I have been transferred to Ndola and am now in a school on the edge of one of the townships. At present I am in the throes of starting up a rural science section. It is somewhat of a change from the bush. I shall be coming on leave this September (1968), so hope to get to Kew in November ".

Dr. R. Melville visited South America from September 25th to October 21st to attend two U.N.E.S.C.O. sponsored conferences. The first at Mar del Plata, Argentina, was on Gondwana stratigraphy and was of interest in connection with Angiosperm evolution. A field trip was made to the Siera de la Ventana in the south of Buenos Aires Province. It was early for the flora but several species of *Oxalis* and *Verbena* were seen in bloom as well as *Brodiaea uniflora*, *Petunia nyctaginiflora* and *Blumenbachia urens*. At the second conference in Montevideo, Uruguay, on continental drift, a paper was read on the distribution of modern plants in South America in relation to continental drift. Over 200 delegates attended, representing 26 nations. A ten-day interval between the conferences was spent in Buenos Aires and La Plata visiting the museums and herbaria and studying their material of *Nothofagus*.

B. L. Perkins (1950) is retiring from the position of Superintendent of Nairobi Parks Department, and intends to live in a bungalow on the coast near Mombasa. He is hoping to take up orchid growing in a big way but his plans also include a holiday in England during 1968.

L. N. Prosser (1938) wrote in recently : " J. R. Sieben (1952) of my department has been appointed Superintendent of Parks, Queenstown, Cape Province, S.A., and J. D. Cameron (1953) has left here to take up an appointment in East London as Horticulturist in the Parks Department.

" Recently I returned from a holiday in the Kruger National Park—Game in abundance. Giraffe killed 15 ft. from the road, 13 lions having giraffe steak for breakfast, lunch and supper. Elephant in large numbers and other game gallore !

" Returning via Johannesburg saw several Kewites—P. W. Page (1938), T. A. Arnold (1931) and A. F. Gunn (1932). W. Everitt (1928) is looking very fit since his retirement from Queens-town two years or so ago."

Mr. Prosser was National President of the 22nd Conference of the Institute of Park Administration (S.A.) in 1966.

In October last year while on a visit to the Caribbean, Mr. A. D. Stevens from the Arboretum South, paid a visit to the Botanic Gardens in Bermuda, where he received a cordial greeting from the Director, and later toured the Gardens with the Superintendent, Mr. Donald Moore (1956).

A notable feature in this small but very interesting Botanic Gardens is the large car park and drive through enabling some of the public to see the beauty where otherwise they would find it

too hot to walk around. In the Gardens there is an area set aside for the Natural Order Beds and also vegetable trial plots, while the Formal Garden is surrounded by a *Bougainvillea* hedge. The Rock Garden is most interesting, comprising chiefly species of *Aloe*, *Agave*, and *Succulents*, and walking round one is struck by the abundance of colour created by careful planting using *hibiscus*, *crotons*, *oleander* and *strelitzias*. Most of the work in these Gardens is carried out by Portuguese labour.

During his stay, Mr. Stevens was shown over Fort Hamilton, and saw the excellent work done in creating a walled-in garden by the planting of trees and shrubs in the large moat that surrounds the old Fort.

I. Wilkinson (1955) wrote in recently. The estate of which he is in charge at Jeron, Selangor, Malaysia, is up for sale, but he is hoping for a managerial post with another company.

He attended the three-day Planters' Conference in Kuala Lumpur, an event which is given by the Rubber Research Institute in Malaya. It was attended by approximately 500 planters. Research findings and improved planting and growing techniques were discussed, in addition to processing and manufacturing methods for export. Mr. Wilkinson wrote that many estates in the last five years have gone over to Oil Palms, but that with the increased research which was being done in Malaysia, each year would result in cheaper rubber which will compete well with synthetic rubber.

He met two Old Kewites at the Planters' Conference—Jim Comber (1955) from North Borneo and George Alphonso (1956) from Singapore Botanic Garden. As they were at Kew together in 1955/56 they had plenty to talk about!

J. Winter (1964) left Pretoria and started as Horticulturist to a large insurance company in July, 1966. He writes: "The grounds of the Head Office in Cape Town are extensive with a bowling green, and cricket, rugby and football pitches. These and the golf course are in my charge. The gardens are very large and at present we are developing a nursery with glasshouses, etc., for the production of pot plants, cut flowers, trees and shrubs. My responsibilities also include the grounds in all the properties of the companies and subsidiary investment organisations throughout the country. Thus the work involves landscaping round new buildings.

"I have been able to establish a fairly large collection of *Protiaceae*."

NEWS FLASH—John has been appointed as Assistant Curator at Kirtenbosch Botanic Gardens.

K. R. Woolliams (1963). A letter received in August, 1967. "After two years of most pleasant living and interesting horticulture in Bermuda, I was able to secure my present position—Curator of the Botanic Garden at Lae, New Guinea. The climate here is relatively pleasant with humid days but there is a gentle breeze. The rainfall averages 176 inches a year, falling mostly at night.

The gardens contain a fine collection and can be made one of the most pleasant Botanic Gardens—a long-term project. Drainage is a major problem. A labelling scheme is under way. The endemic plants, as can be imagined, are fascinating and variable, due in the main to the differing altitudes and ecological aspects of the country. The 140 acres plus a school garden for army barracks personnel, help to keep me busy and away from bars.”

APPOINTMENTS AT HOME

A. Armony (1964) has completed the Landscape Design Course at the University College, London. He has been appointed as Assistant Consultant Landscape Architect to the King Edward's Fund for the London Hospitals. Previously to this he held the position of Technical Assistant to the G.L.C. Parks Department.

G. A. Catt (1929) was appointed as Secretary-Administrator to Borde Hill Garden, Ltd., Haywards Heath on April 1st, 1967. Previously he was Director and Studio Manager at the Metro-Goldwyn-Meyer's Studios at Boreham Wood for ten years.

R. Davidge, who came to Kew in 1958 as Deputy Librarian, took up an appointment of Senior Assistant Librarian at Holloway College, London University, on September 1st.

D. J. Dyke (1961) was appointed Assistant Landscape Architect to the Central Electricity Generating Board in December. Prior to his overland trip to Nepal and back from July to November, 1966, he had been an assistant to an architect who was working in a private capacity.

G. W. Ganney (1961) has been appointed N.A.A.S. Specialist Adviser on Mushroom growing. Geoff's specialist training has included periods of three months on three mushroom farms, and three months at the Glasshouse Crops Research Institute.

D. H. Holmes (1962) was appointed as Landscape Assistant to Dawley New Town Development Corporation during August, 1966. Previously he was Technical Assistant to the Parks Department of Havering, a post which he held for sixteen months.

B. Howard (1966) took up the post of Assistant Lecturer in November with the Salop County Council and is based at Shrewsburyshire Hall. He is engaged with Horticultural Extra Mural Work.

Mrs. C. O. Martin (1942) was appointed a Justice of the Peace at Weymouth in May, 1967.

T. Matthews (1962), Parks and Cemeteries Superintendent to the Urban District Council of Blaydon-on-Tyne, was appointed a County Magistrate and Justice of the Peace and was due to take his seat on the Blaydon Bench in February, 1968.

M. S. F. Roberts (1954) was promoted to Senior Technical and Landscape Assistant at Portsmouth Parks Department, in December, 1964.

A GARDENER'S GHOST

Two cedars stood within the grounds of Kew,
 A pair of lovely trees that brushed the sky.
 God given things, two centuries they grew,
 Then by the hand of Man they had to die.

The land was needed ; we felt justified
 We had to build the New Wing, after all.
 Thus Progress soon pushed Sentiment aside
 The saw-blades bit ; we watched the cedars fall.

There lay the tangled Crowns upon the ground,
 Two shattered stumps where once the trees had been.
 And when the Staff had left that night I found
 I could not take my eyes from this sad scene.

Evening soon had blended into night.
 Fresh winds had swept the low clouds all away
 The moon now bathed the dead trees in its light
 And in my mind unanswered questions lay.

Whose were the hands that planted those two trees ?
 Who nursed them through their early life with care ?
 I turned to leave, for I felt ill at ease,
 And then I saw an old man standing there !

I noticed then how strange he looked to me,
 In 18th Century dress, or so it seemed,
 Long stockings met his breeches at the knee,
 And on his buckled shoes the moonlight gleamed.

Then suddenly I felt the air grow cold.
 He turned around and looked at me awhile.
 Within his eyes a story lay untold.
 He shook his head and gave a wistful smile.

His outstretched hand caressed the fallen wood.
 I sensed reproachment in his steady gaze,
 And looking at those trees I understood
 Who planted them in those far distant days.

Then one lone cloud come scudding through the night
 And for an instant no bright moonlight shone
 But when once more it cast its brilliant light
 I somehow knew the old man would be gone.

The dead wood lay like tombstones on the ground,
 Sweet scent of cedar hung upon the air.
 And to this day I swear I heard a sound
 As if an old man wept not far from there.

A. W. EVERETT,

Night Watchman—Herbarium.

LIVE PLANTS IN THE MUSEUM, 1967

Live British plants were shown as usual in the General Museum (No. 1) during 1967. There are four display stands, one fairly large, on which general material is shown during the summer and more specialized exhibits during the autumn and winter; a stand for grasses, which are allowed to dry out and remain on show during the winter, and a small stand for specialized groups such as rushes, sedges, and composites. The fourth stand is a terrarium for bryophytes, etc., in which a year-long display is maintained, unlike the stand for composites, which is removed during the winter. In the course of a year, about 600 species of British or naturalized flowering plants are shown, and between 50 and 60 mosses, liverworts and lichens.

An exhibit of winter twigs was put up after Twelfth Night on the main display stand, when the Christmas exhibit was removed. Owing to the very mild winter, herbaceous plants started to come in during February, gradually taking over from the twigs, until by June all the display stands were full of fresh material and we had over 100 species on show. British plants in fruit and seed were shown on the main stand during October and November, and were followed once again by winter twigs.

The Christmas exhibit in 1967 showed the plants from "A Swiss Family Robinson". This was a repeat of an earlier exhibit somewhat altered in design. The material used included live plants from the Tropical Department, fresh fruit and vegetables, and specimens from the Museum collections.

Once again we have to thank all the people who have helped to make the exhibits a success, staff, students, and our kind contributors without whom our job would be very much more arduous.

ROSEMARY ANGEL.

DEVELOPMENTS AT WAKEHURST PLACE

It is just over three years since Kew took over the estate of Wakehurst Place, and during this time no detailed account of the development of this rich and beautiful garden has appeared in the *Kew Guild Journal*.

As it is now probably less than a year before we "open our doors" to the public, I feel it is an appropriate time to bring Guild members up-to-date.

Prior to the arrival of the present administration upon the scene, Wakehurst Place was a privately owned estate, and as such, was not laid out with public amenity in mind. In consequence many of the major problems that Kew now has to face are closely related to the rectification of this state of affairs.

The large new car park has been very recently completed and the entrance road above the ornamental pond has been widened, and considerably modified, in order to cope with a larger number of people.

Naturally much work in this direction has still to be done. The eventual aim is to have all main areas of the estate covered by some form or other of service road, capable of supporting a tractor and trailer. Steep hillsides and a very moisture retentive soil make such projects both difficult and expensive. It will be several years before we can realise our requirements, and meanwhile we must put up with ankle-deep mud and rutted rides.

In an attempt to cut down to some extent on this rutting problem, we have recently obtained a "Snow Cat" tracked vehicle. Not only is this machine safer than a tractor on the steep slopes of Wakehurst, it is also more able to cope with the very wet conditions. With a ground pressure of only 1.3 lbs. per square inch it tends to "float" across the surface. To improve the working efficiency of our conventional tractor, cage wheels have been fitted for use in wet conditions and on sloping ground. These gadgets also increase the safety factor of the vehicle generally.

Turning to more horticultural matters, the biggest problem that we face is probably that of sorting out a very fine, but often badly sited, private plant collection into some sort of botanical order.

The tragedy of that common fault, overplanting, is everywhere to be seen, and now we must face the unwelcome task of selectively thinning, and removing much that is beyond redemption. Often one has to set sentimentality to one side and "put the axe" to a subject of considerable interest, in order to safeguard the future of an even more valuable specimen alongside. With time one's heart hardens, and this somewhat ruthless task becomes just another part of routine operations.

In places this overcrowding of plants has produced some side benefits. In various areas of the gardens freak microclimates have brought about ideal conditions for the natural regeneration of certain plants such as *Rhododendron fictolacteum* and *Tsuga heterophylla*.

Whenever time and labour allows, overcrowded plants are evacuated to more favourable sites, and in consequence the garden staff has gained considerable experience in the transplanting of semi-mature specimens during the last thirty-six months.

One particularly interesting case was the resiting of a 20 ft. high *Rhododendron falconeri* in the upper part of the ravine. This large plant has responded well to its new site and eighteen months after the operation is already growing away and appears to be well established.

Several small projects are at present in hand in the Heath Garden, "Slips", Rhododendron Walk and elsewhere, but space does not permit a detailed account of the various alterations and improvements involved.

Two changes, however, should be recorded. In the nursery four sets of cold frames have recently been completely rebuilt

on their original site, and the large collection of tender bulbs has been transferred from Kew to Wakehurst, where it is thought that the plants will respond to the clearer atmosphere of mid-Sussex.

There can be few gardens in Britain that can give such scope for "plant hunting" as Wakehurst Place. Even after three years one can still make a discovery buried deep in the "glorious jungle" of areas such as the ravine. Forrest, Kingdon Ward, Rock and Farrer numbers are "brought to light" with considerable excitement and duly noted and recorded.

Some really noteworthy plants have been "rediscovered" in this manner. *Machilus ichangensis* (with natural regeneration!), *Rhododendron succothii*, *R. nankotaisanense* and *Nothofagus cunninghamii* are but a few which come immediately to mind. I have little doubt that we have still more to discover. The most heartbreaking thing is that many of the plants have no label, and thus any record of their origin has been lost for all time. Owing to this sad lack of details, we are obliged to start all over again in order to build up an efficient record system. Slowly, but surely, the situation is improving as specimens are sent each week to the Herbarium for determination. It will be many a day, however, before we can boast of a completely recorded and labelled collection, but nevertheless it is an attractive and interesting goal to aim at.

Such then is the present state of affairs at Wakehurst Place. It is exciting to be in at the beginning of this new passage in the history of this famous and beautiful garden. Whatever our future problems may be, we can be fairly certain that lack of space will not be one of them!

A. D. SCHILLING, *Assistant Curator.*

LAWN TENNIS CLUB

The Club enjoyed its best season since 1959 from the point of view both of weather and of total membership. Facilities and morale were greatly improved by the repair and redecoration of the pavilion and the construction of a changing room prior to the start of the season. This work was carried out by the Ministry of Works, and we are most grateful to Mr. Grant and his Staff. We were sorry that Mr. C. W. Preston has had to give up his duties as our Groundsman owing to indifferent health, and thank him for all his help in previous years. The Curator, Mr. R. Shaw, whom we have been very pleased to welcome as a regular playing member, kindly arranged for the courts to be maintained by two students, one third year, one second, the senior of whom would train the other to take over the following year. The system worked very well in practice and we appreciate the time and energy of Mr. Brian Nash and Mr. Mike Cudd devoted to mowing, marking out, edging, feeding, and the worm-and-daisy war! Maintenance of the surroundings of the courts and general mowing has been

carried out under the supervision of the Assistant Curators, Messrs. Brown, Pearce and Yates, to whom we are also grateful. Plans for further improvements before the 1968 season are in hand.

Good weather in the first three months of the season stimulated and maintained members' enthusiasm and Club evenings (now Tuesday and Thursday) were well-supported and very enjoyable. Membership reached 30, apart from the students who now pay a block subscription through the Students' Union and of whom about 10 played. This total of about 40 players was last equalled in 1959, which, it will be remembered, was also an unusually fine summer.

Matches against the British Museum (Natural History) and the Priory Club were played under the Captaincy of Dr. R. K. Brummitt. We were not able to field a strong team, however, and the Nathismus Cup was won for the first time since its inception in 1965 by the Museum. Our Honorary President, the Director, Sir George Taylor, presented the cup to the winning team at the match on 13th August. The Proudlock Tournaments were not completed owing to holiday absences and poor weather in the latter part of the season.

D. R. HUNT, *Hon. Secretary-Treasurer.*

EDITORIAL

Mr. J. R. Sealy retired as Secretary to the Kew Guild at the A.G.M. 1967. One has to go back to the 1960 *Journal* for the account of the A.G.M. in which—"Mr. J. R. Sealy kindly agreed to his nomination as Secretary". The Editorial for that year forecast that he would bring "a vast wealth of experience, with a long interest and knowledge of the Guild, to bear upon the intricate task of keeping our affairs on course, trim and correct".

"Bob's" masterly handling of a committee meeting was appreciated and respected by all who served with him, and by the membership at large. Reference to the A.G.M. note in the 1961 *Journal*, pp. 19-20, on the Grant of Arms will give some measure of this. That the Grant of Arms and the recognition of the Guild as a Charity was due mainly to the efforts of Sealy is no exaggeration, but a statement of fact.

We are pleased to report that he has recovered from his illness.

To mark his retirement from the staff at Kew at the end of 1967, a presentation was made in the Herbarium on 12th January, 1968. Speaking on behalf of the Staff, the Director, Sir George Taylor, paid tribute to his skill and reputation as a botanist and then to his work for the Kew Guild.

We wish Bob and his wife Stella Ross-Craig many happy hours with the tape recorder which was presented.

PREVIOUS POSITIONS OF STUDENTS ENTERING KEW

(The Course commenced October 2nd, 1967)

G. D. Armstrong	Wisconsin University.
C. Beardsley	Apprentice, Worthing Parks Department.
P. A. Boys	London Borough of Barnes Parks Department.
A. P. Child	Queens Park Hospital, Blackburn.
P. F. Clothier	General Labourer, Royal Botanic Gardens, Kew.
W. D. Emm	Assistant, Forestry Commission.
E. Fenwick	Gardener, G.11, People's Park, Grimsby.
D. J. Hicks	Junior Plant Salesman, Cannington, W. Aust.
M. Holloway	Assistant Foreman, Pennels & Son, Lincoln.
R. Johnson	Apprentice, Oldbury Bank Chambers, Oldbury.
D. A. Norwood	Scunthorpe Parks Department.
D. R. Owen	Gardener, Derby Corporation.
D. M. Painter	Improver Gardener, Royal Botanic Gardens, Kew.
J. Protheroe	Student Worker, Rochfords Houseplants Ltd.
B. Roby	Apprentice, Botanic Gardens, Oxford.
T. R. B. Storr	Student Gardener, Burnley Parks Department.
P. C. Tietze (Miss)	Horticultural Apprentice, Royal Parks and Gardens, Hampton Court.
J. Tuck	Trainee Gardener, Sutton & Sons, Reading.
G. G. Wheatley	Apprentice, Bournemouth Parks Department.
G. P. Wood	Stockport Parks Department.

POSITIONS TAKEN BY STUDENTS ON LEAVING KEW

W. E. Bessler	Landscape Department, Crawley New Town Development Corporation.
J. Beswick	Landscape Assistant, Runcorn Development Corp.
D. P. Coleman	Student, The Grotto, Institute of Parks Admin.
M. Dawes	Foreman, Arboretum Nursery.
D. V. Frankland	Technical Assistant, Leicester Parks Department.
G. M. Gaskin	Landscape Assistant, Geo. Whitelegg, Knockholt, Kent.
H. N. Goddard	Technical Assistant, Eastbourne Parks Department.
G. N. Graham	Student, The Grotto, Institute of Parks Admin.
M. Hart	Technical Assistant, Woolwich Parks Department.
A. R. Keevil	Student, The Grotto, Institute of Parks Admin.
B. A. Nash	Student, The Grotto, Institute of Parks Admin.
B. J. Penberthy	Teachers Training College, Bath.
A. Rich	Student, The Grotto, Institute of Parks Admin.
E. Saxon	H. G. E. Thornton-Smith, c/o Telscombe Manor, Telscombe Village, Sussex.
A. R. Smith	Student, The Grotto, Institute of Parks Admin.
E. Scarr	Port Elizabeth Parks Department.
M. J. Tomlinson	Landscape Assistant, Central Electricity Generating Board, Stourport, Worcs.
C. P. Wood	Derbyshire.

GENERAL INCOME AND EXPENDITURE ACCOUNT

Dr.										
Year 1956				Year 1957						
£	s.	d.		£	s.	d.	£	s.	d.	
	1	19	2	To Hon. Secretary's Expenses		1	14	2
	12	0	8	To Hon. Editor's Expenses		11	1	10
	8	19	7	To Hon. Treasurer's Expenses		10	9	7
	20	1	1	To General Printing and Stationery		20	6	5
	16	12	0	To Typing and Clerical Expenses		10	2	0
	1	1	0	To Insurance		1	1	0
	10	10	0	To Benevolent Payments		10	10	0
<i>To Kew Guild Journal—</i>										
371	19	4		Printing 1956 Journal (including Blocks)	...	...	342	17	10
---	---	---		Envelopes for Journal	...	...	5	11	0
18	0	9		Postage on Journal	...	...	18	4	1½
390	0	1					366	12	11½	
70	17	6		Less Receipts from Advertisers and Journal Sales	...	...	49	0	6
			319	2	7		317	12	5½	
<i>To Annual General Meeting—</i>										
	8	19	10	Printing, Postage, Envelopes		7	2	6
<i>To Kew Guild Dinner—</i>										
162	4	3		Cost of Dinner, Gratuities, Printing, Fees, etc.	...	...	---	---	---
160	12	0		Less Receipts from Sale of Tickets	...	...	---	---	---
			1	12	3					
<i>To Prizes Awarded by the Guild, 1967—</i>										
3	3	0		C. P. Raffill (Mutual) to A. Balfour	...	...	3	3	0
5	5	0		Dümmer (Bot. Club) to B. A. Nash	...	...	5	5	0
3	3	0		Proudlock (Bot. Club) to A. Rich	...	...	3	3	0
10	10	0		Matilda Smith (Pract. Best) to M. J. Dawes	...	...	10	10	0
3	3	0		Best Plot to J. Beswick	...	...	3	3	0
3	3	0		Best Thesis to J. Beswick	...	...	3	3	0
	28	7	0				28	7	0	
	0	5	0	Bank Expenses	...	...	0	5	0
	428	19	8½				418	11	11½	
	275	4	10½	Income exceeds Expenditure	...	...	211	12	9½
	704	4	7				630	4	9	
3,285	18	9		Balance as per Balance Sheet	...	...	3,527	11	6½

£3,286 18 9

£3,527 11 6½

THE KEW GUILD BALANCE SHEET
FOR THE YEAR ENDED 31st DECEMBER, 1967

LIABILITIES				ASSETS											
Year 1966		Year 1967		Year 1966		Year 1967									
£	s.	d.	£	s.	d.	£	s.								
CAPITAL FUND—				INVESTED ASSETS—											
3,286	18	9	3,527	11	6½	2,500	0								
As per attached Statement of Assets						Charities Official Investment Fund									
						(2,865 Shares at cost) 2,750 0 0									
CURRENT LIABILITIES—				CURRENT ASSETS—											
Life Subscribers—				Christmas Cards (Purchase value) 40 8 7											
46	0	0	88	at	£1	half	rate								
...			...			Guild Emblems (Purchase value)... 91 0 4									
95	0	0	94	at	£2	half	rate								
...			...			131 8 11									
126	0	0	80	at	£3	3s.	0d.								
...			...			Nominal Valuation of Journals in									
42	0	0	8	at	£5	5s.	0d.								
...			...			Stock 94 3 7									
310 0 0			305 0 0			CASH AT BARCLAYS BANK—									
				On Deposit 630 9 2											
				In Current Account 204 6 2											
				834 15 4											
				11 17 2½ Cash in Hand 23 3 8½											
<u>£3,596 18 9</u>				<u>£3,833 11 6½</u>				<u>£3,596 18 9</u>				<u>£3,833 11 6½</u>			

OBITUARIES

JOHN LUKE BOORMAN — 1864-1938

According to an official record John Luke Boorman was born in England in 1864 (but according to a Botanic Gardens record, on 3rd October, 1865) and died at Liverpool, N.S.W., on 18th November, 1938. His father was Luke Boorman, and his mother's maiden name Esther Eldridge. The date of his migration to Australia is not known precisely, but after his arrival he married Emily Roberts in 1886 and remained until his death 52 years later. He was survived by an only son, William L. Boorman.

The date when J. L. Boorman first became associated with the Botanic Gardens, Sydney, cannot now be verified with certainty, but very probably it was in January, 1887, that he was appointed to the staff as gardener. His capacities apparently won the attention of his senior officers, and the Director of the Botanic Gardens, J. H. Maiden, records that in 1898 Boorman accompanied him on more than two "collecting and botanizing trips". During 1899 he not only accompanied Maiden on a further trip but was apparently sent independently to various districts west, north and south of Sydney. Of these Maiden records: "He is an accurate and painstaking observer, and his collections and notes are both valuable".

In October, 1901, Boorman was promoted to the post of Collector, Botanic Gardens, and in the Annual Report for the year Maiden records: "He has done excellent work in his new capacity, already enriching the herbarium and museum with valuable and indigenous material. His appointment enables me to push on with the systematic botanical exploration of New South Wales".

Boorman held his position of Collector until his retirement about 1930, and during these years enriched the National Herbarium with the innumerable collections, many of them bearing his meticulous field notes, with which his name and reputation will always be associated. His position enabled him to travel extensively to most of the parts of New South Wales that were reasonably accessible by public transport. Not only flowering plants for preservation as herbarium specimens engaged his attention, but timbers, seeds, lichens, fungi and other cryptogams were diligently collected.

This was a period of rapid growth of herbarium materials at Sydney, and considerable activity in the acquisition of exotic specimens by means of exchange with overseas botanists and institutions. Suitable Australian specimens were required in large numbers to meet exchange obligations and the great bulk of these were collected and processed by Boorman. It is worth noting, at least by the professional taxonomist, that many of Boorman's collections were labelled simply as emanating from the Botanic Gardens (or National Herbarium) without mention of the collector's name, and hence have often been incorrectly attributed in literature to J. H. Maiden, the Director.

One of his notable collecting trips was made in November, 1902, when he accompanied Maiden to Norfolk Island where, in Maiden's words, he "worked most zealously". Maiden continues: "The botany of the island has long required 'consolidation', no botanist having systematically collected there since Allan Cunningham's visit in 1830, and I hope the collections and observations we made will enable a number of interesting points to be settled".

Maiden's remark in his report for 1905 may be regarded as typical of Boorman's yearly contribution to the materials which thereafter form the basis of taxonomic study: "The systematic exploration of the Flora of New South Wales by the Director and the Collector resulted in the discovery of an exceptionally large number of new species and plants new for New South Wales, chiefly from the North Coast District and Tableland". To enumerate all the localities which Boorman visited would be tedious.

To the Annual Reports for 1910, 1911 and 1914, Boorman contributed notes on the degree of success in growth of plants newly introduced to the Sydney Botanic Gardens.

Boorman kept so-called field notebooks which are still existent, but these are completely disappointing in providing any insight into either the man or his work, being merely records of times of travel and incidental expenses. His real field notes are those attached to the specimens in the National Herbarium.

None of the present staff of the National Herbarium ever knew Boorman, though it is recalled that a former botanist on the staff, W. F. Blakely, always spoke of him with the affection due to an old colleague. Consequently, for any insight into the man as a man one is dependent upon contemporary comment, now sadly lacking. This perhaps justifies quotation in full of a letter by J. H. Maiden dated 1.7.1908 recommending that Boorman be granted an increase in salary, as well as providing an interesting commentary on salary scales of the day:—

"Mr. J. L. Boorman was appointed Collector, 1st October, 1901, at a salary of £150 and he has had no increase of salary since.

"He is a Kew trainee and a very good man. He is an excellent collector of botanical specimens in the country districts and I often consult him in regard to the climate and soils of districts I have not personally visited.

"When in Sydney he has done excellent work in various directions such as (a) superintending the bringing in of native plants in the bush in the Sydney district; (b) collecting, cleaning and caring for native seeds in the bush and seeds which ripen in the Botanic Gardens; (c) watching the unlabelled (and even the labelled) plants in the Botanic Gardens as they come into flower, and assisting to check their nomenclature by means of the herbarium and library.

"During the last few years he has relieved the Superintendent in many ways.

“ He is a hardworking, unselfish, most intelligent servant of the public and I think the time has arrived when the Public Service Board should be invited to reward his merit to the extent of an additional £10 per annum.”

MISS JOYCE W. VICKERY.

* * * *

In the 1961 *Journal*, p. 87, we announced that J. J. Boorman, 1885, had passed away over 20 years beforehand. We made enquiries at the Royal Botanic Gardens and National Herbarium, Sydney, New South Wales and Miss Joyce W. Vickery sent us the details. Miss Vickery retired from the staff of the National Herbarium as Senior Botanist in 1967. We thank Miss Vickery very much for such a detailed account and for taking so much trouble over it.—Ed.

OLIVER HORTON

Sadly we record the death of O. Horton on December 11th in Bramhope Hospital near Leeds. He was aged 88 years. Horton was formerly Chief Superintendent of Liverpool Parks and Gardens where he had spent some 38 years prior to his retirement. He left Kew after his studentship in 1903.

Mr. P. F. McCormack, Director of the Parks and Recreation Department, City of Liverpool, sent the following account of his career :—

“ Oliver Horton was a recognised authority on horticultural and botanical matters, and the various collections of plants at Calderstones bore his imprint, particularly the wild flower garden (of British Flora) and the Old English Garden. Until labour shortages and new gardening techniques forced inevitable changes, carpet and formal bedding, spring flower displays, etc., were established features of the Park, which attracted visitors from a wide field.

“ In the years immediately prior to the Second World War, Mr. Horton devoted a considerable amount of his leisure time to improving the conditions of the large labour force engaged by the Parks Department. Over a thousand manual workers were involved, poorly paid by present-day standards, and also poorly organised from a Trade Union point of view. In his wisdom, Mr. Horton decided that one of the best ways to improve their lot was to get them together in a Sports and Welfare Group—a Mutual Improvement Society it was originally called—and it was amazing how many adept amateur footballers, ballroom dancers and whist drive players the department produced.

“ The social mixing of the employees and their families with the supervisory staff and members of the Parks Committee did nothing but good, and together with the pioneering efforts of the shop stewards, this led to a great levelling upwards in every sense of the word.

“ Mr. Horton was also a prominent member of the local Yorkshire Society, and often regaled friends with stories and poetry recited in broad dialect, barely diminished by his long exile on Merseyside. On his retirement in 1946, Mr. Horton went to live in Monmouthshire in the Wye Valley, which he regarded as one of the most beautiful parts of the country, but it is significant that he eventually returned to his home-county, Yorkshire, where he died after a brief illness.

“ Those of us who knew Oliver Horton might still contemplate him with a trowel in his back pocket, seeking out some choice or unusual specimens for transplanting, and his obvious complete satisfaction when they flowered for the first time in their new home at Calderstones.”

ALBERT E. BROWN



Albert E. Brown died on February 22nd, 1967, at the age of 84 years. He was born in Reading. Entering Kew as a student in 1903, he left for a post in India in 1905, where he supervised a large public parks development scheme for the British Government.

We follow with a quotation from the obituary which appeared in the *Canadian Nurse* of March, 1967 :—

“ After contracting malaria, he was forced to leave India following some years of public service. He journeyed to Canada and worked for short periods in the Niagara peninsula and Toronto area before being interviewed by the late Howard Dunington-Grubb for the position of landscape foreman for the Sheridan Nurseries.

“ Albert E. Brown was Vice-President of Sheridan Nurseries Ltd., having been associated with the firm for fifty-one years. He served in various capacities, beginning in 1915 as a foreman with the company's landscape department. He quickly rose to head the department and guided the industry through some of its most difficult years. He used to tell of taking the train out of the city to find rockery stone and then haggling with the farmer over a reasonable price, for loading it on a box-car for transport back to the city. He could recollect for hours about the old days, but it was not often he did so. He preferred to think about the present and plan for the future.

“ After years of carrying on both the operation of the landscape department, and the production of the company's annual catalogue. Mr. Brown stepped down from active participation in landscaping, to devote his full time to company advertising and the production of the retail and wholesale catalogue. He continued to take both black and white, and colour photographs for the catalogues; developing and printing the black and whites in his basement dark room at home. He also operated a small advisory service for Sheridan customers who wished to plant stock themselves, but needed advice on what to plant where. He was always available to answer any gardening question which might come his way either by telephone or mail.

“ In the last six years Mr. Brown had given up evening appointments, but prior to that he lectured extensively to horticultural societies and other groups interested in gardening.

“ In his many active years with organisations and associations, he held numerous directorships. The Gardeners and Florists Association of Ontario, the Canadian Rose Society and the Canadian National Exhibition, and the Royal Agricultural Winter Fair Flower Show Committee had all felt his influence for extended periods of time. He was also a Life Member and Past President of the Gardeners and Florists Association, and in January, 1966, was made an Honorary Life Member of the Ontario Landscape Contractors Association.

“ Perhaps one of the things he loved most was his garden—and particularly his roses. His garden on the Kingsway with rock and alpine area, rose bed with standards and bushes, and the beautiful standard lantana was a showplace constantly admired by visitors and neighbours. He enjoyed working in his garden at all seasons and regretted leaving it behind when he moved to a smaller house in mid-summer last year. Still, there was a new challenge to create a new and different garden this spring. He passed away pondering what he could do with his new garden, and where the rose bed would look best. May his love for beauty and roses live on for ever. And may his quiet manner, genuine kindness, sharp wit, and love for his fellow man inspire those who follow him ”.

We send our sincere sympathies to his wife, Eve, and his sister who lives in England.

ERIC GORDON GODSEFF



We regret to record that Eric Godseff passed away on the 6th July, 1967. He was born at Ness in Bulley's Cottage while his father, Leo Godseff was in charge of Bulley's Gardens. Later his father became Chief Superintendent of Liverpool Parks and Gardens, a post he held for many years.

Godseff was educated at Liverpool Institute, he worked at a number of places which included Brambrough Hall, Chelwall Nurseries and a nursery near Orleans in France. He also worked under James de Rothschild in Buckinghamshire and the Earl of Lonsdale at Lawther Castle, Penrith.

After finishing his studentship at Kew in 1928 E.G.G. moved to Birkenhead where his first work was the supervision of large gangs of unemployed men in the laying out of Arrowe Park. He was appointed Chief Superintendent of Parks and Gardens in Birkenhead in 1939. Thus he was responsible for the floral displays, prepared for the Royal Visit to Birkenhead in 1950. He also laid out the garden for the blind.

Godseff was a keen amateur photographer and he took the picture of himself on this page. He was in the words of his wife—
“A real Kewite”.

We send our sincere sympathies to his wife, Florence.

FREDERICK SYDNEY BANFIELD



Mr. F. S. Banfield passed away on June 28th, 1967, after a short but severe illness. F.S.B., who was a native of Sussex, started his horticultural and agricultural studies immediately on leaving school. During the First World War he served in France and with the Indian Army on the North-West Frontier. His services abroad imbued him with the idea of colonial work, and after three years at Kew as a student, he left in 1927 to become Horticultural Assistant in Malaya.

For several years he filled this post, first in Kuala Lumpur and later at Serdan and Taiping. When the disastrous slump of 1929 resulted in the abolition of many Government appointments, Banfield became Manager of the Farms and Gardens at Frasers Hill.

In 1934 he made a return to this country, to take the post of Horticultural Officer with the London County Council. During the war he played an important role in London's "Dig for Victory" efforts. In 1944 there were 16,000 five-rod allotments.

In 1945, Banfield was invited to return to Malaya to help with rehabilitation work. Arriving in Kuala Lumpur on the day the first meeting of the Food Production Committee was held, at the headquarters of the Department of Agriculture, he was given the task of editing and preparing numerous pamphlets to help the campaign. He was also in charge of the rehabilitation of the Public Gardens and Experimental Station at Kuala Lumpur, and of the Coconut Station, Port Swettenham. He also acted as Agriculturist Economist and Agricultural Officer at Selangor.

In 1946 Banfield was transferred and assumed control of the Penang Department which, in addition to the Botanic (Waterfall) Gardens, included the Hill Station Grounds, Residency and other Government grounds. He was also adviser to the Public Gardens in Kuala Lumpur, and to the Municipality, Penang. His first task was to make good the loss and damage caused by the war. Locally the Curators' Office became the centre of horticultural activity for the district, and Banfield was a founder member of the Penang Gardening Society. He also wrote and edited an illustrated guide to the Botanic Gardens. In 1954 he retired, and lived in Australia before retiring to this country in 1959.

In mourning the death of F.S.B., we hold to his memory the Botanic Gardens at Penang where he did so much to restore the work of other and former Kewites—W. Fox (1879), R. Derry (1883) and F. Flippance (1915).

We send our sincere sympathies to Mrs. E. M. Banfield, who is an accomplished violinist, and to his daughter, Mrs. J. W. Lee-Frampton.

ALFRED E. OLIVER



We regret to report that Mr. A. E. Oliver died on September 27th at the age of 88. He was predeceased by his wife by exactly 25 months, whom he met for the first time on the steps of the Palm House in 1901 when he was a student.

In the last issue of the *Journal* we recorded that he wrote in early December that he was going on a world cruise in January,

1967. He did in fact go and returned at the end of April on the S.S. Canberra.

Oliver was born in Isleworth, and as a boy his parents often took him to Kew. He started as a boy improver at Chennels and then to Philip Ladds, both large nurserymen at Swanley. Afterwards he worked for six months at a West End florists.

Leaving Kew in 1902 after his studentship, he went to Hyde Park and then joined W. H. Patterson (1901) at the Swanley Horticultural College. His already wide experience was further enriched after working at Baths of Wisbech, Randle Bros. and Crowshaw and Sandforth, both of Birmingham.

In 1910, he took over the position of Manager of William Magees Knock Nursery in Belfast. Later, in 1918, he started on his own at Cranmore Nursery, also in Belfast. A move to a larger nursery took place in 1922 at Cregagh, Belfast. Oliver retired in 1954.

His son Stanley, who was in the business carried on and has been joined by his grandson Clifford. They work a larger nursery that Alfred Oliver started at Newtownbreda, Belfast, under the name A. E. Oliver and Son. To use the phrasing of Stanley—"He never tired of talking of Kew, and was always interested in horticulture and was a Past President of the Northern Ireland Horticultural Development Association" (No true Kewite is ever tired of talking of Kew).

We send our sincere sympathies to Stanley and his sister, Mrs. Norah Malcomson.

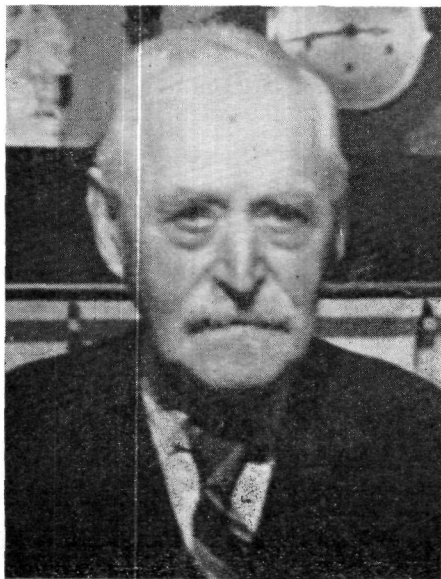
W. S. ALLT

William S. Allt died at Northern Dutchess Hospital, Rhineback, New York, on November 11th, 1966, after a long illness, at age 80. He left Kew in 1911 for the United States, where he earned a good reputation as a gardener on various estates in New York and Rhode Island. He was one of the twenty-four Kewites present at a dinner meeting held in New York City in April, 1916, when the American Branch of the Kew Guild was launched. At that time he was associated with the Botany Department of Columbia University. Being extremely modest he was not a good mixer, preferring to stick close to his work and family over the years.

In 1923 he married Marie Carter, a Hyde Park girl, he then being employed on the famous Vanderbilt estate in that town. In 1942 he settled in at Hyde Park and became associated with the security staff at the Poughkeepsie plant of I.B.M., from which he retired in 1951. To keep his hand in with growing plants he built a greenhouse at his home and was able to supply a local demand for plants and flowers. He is survived by his wife, a son and daughter, four grandchildren, and one great-grandchild.

H. E. DOWNER (1912)

JOHN JAMES ALLEN GRIBBLE



With heavy hearts we publish this obituary of J.J.G. who was our oldest Kewite. When he died on December 23rd, 1966, he was 96 years of age, having been nearly 70 years as a local preacher, and over 80 years as a gardener. For half a century he was a judge at Cornish garden shows.

Gribble left school when he was 12 and started work in the glasshouse of a market gardener. Later he moved to an estate for wider experience. Men working in the fields were then getting 14/- a week. At 18 he went as a jobbing gardener earning 18/- a week. He became a full-time gardener in another Penzance garden until he was 24, when he entered Kew as a student.

Here is Gribble's own account of life at Kew, sent in by his son John : —

"I was one of 50 students from all over the British Isles. Ten men were from foreign countries—they were at Kew for twelve months, we remained two years. There were four courses of lectures—two given in the daytime and two in the evenings. The lectures were Physics and Chemistry, Systematic Botany, Economic Botany and British Botany.

"I first worked in the Palm House—there were five students and a sub-foreman, each had a section. In my charge was a large *Cocas nucifera* which had a trunk 7ft. around. Remaining in the Palm House seven months, I went to the Ferneries and the Cactus House, and a house of Aroids. There were five men in this section and a sub-foreman. After a further seven months I went to the

Propagating Pits—you then became known as a leading student. I had charge of the bulb house—whilst there the first consignment of Freesias came to Kew—my wages at Kew were 18/- .Sundays 3/- and a half-day 2/6d. I was selected with three others to see Mr. Gladstone (the Prime Minister) for a rise. We were successful and had an extra 3/- a week. I was paid 3/- a week for lodgings and attendance, and boarded myself. In the winter months there is the Mutual Improvement Class. In the second year of Kew you have to give a lecture—I chose 'Ferns' ”.

Leaving Kew in 1895, Gribble took a post of head, returning two years later to Penzance where he became second in charge of a large commercial undertaking at Malpas, Truro.

Gribble ran a florists' shop at Causewayhead for 16 years before he retired.

E. G. R. Hooper (1936) informed us—“ That Gribble was at Kew with three or four Cornishmen, one of them being the late A. Hosking, who was Superintendent of John Innes Institute at Merton ”.

We send our sincere sympathies to his daughter, Mrs. E. John.

JULES COLLARD



We regret to give the news that J. Collard passed away early in 1966. We can do no better than to quote from the *Bulletin de la Societe Royal Linneene & de Flore Bruxelles*, Avril-Juin, 1966, No. 4—6 91 Annee—“ Un Ami Nous Quitte—Jules Collard.” (Translated).

“ So great has been our astonishment, so great has been our grief, that we can only reproduce the words delivered at the time and his interment.

“ The Royal Linnean and Floral Society offers to his family its most sincere condolences. Ladies and Gentlemen.

“ It is in the name of the Director, M. P. Dejust, the members of the teaching body, the administrative personnel, the command personnel, of culture and maintenance, and also in the name of the students of the Provincial Institute of horticulture, that I have just rendered this last and supreme homage to him who was always the devoted collaborator, the sincere friend, the honest leader, the lovable teacher, just and affectionate.”

Collard proved to be a brilliant Greek-Latin student at the “ Athenee ”, near Ostend before he entered the School of Horticulture at Vilvorde where he won a diploma in 1930. He left from a studentship at Kew in 1931. On his return to Belgium he worked for 15 years on the Royal Estate at Lacken.

In September, 1947, he became Director of Culture at the Provincial Institute of Horticulture. Upon the retirement of Professor Vandem Abele, the County of Brabant designated upon him the functions of Professor of Floriculture.

Again quoting from the *Bulletin*—“ During more than 20 years he consecrated himself to the education of youth and the preparation of their future. He was first and resolute in his principles. Always at his post, he acquitted himself of his task with a vigorous punctuality, at times, even to the detriment of a health already well tested—no sacrifice was too great when it concerned the interests of the school or the students. Right up to the very last minutes he struggled against a fatal illness ”.

We are proud to have had Jules Collard in our membership and we send sincere sympathies to Mme. Collard.

We also regret to inform members of the deaths of the following :—

G. Davies (1929) who died several years ago.

F. M. Mark (1898) who died 8 years ago.

R. J. Platten (1922) died 1964.

H. Cowley (1967) died 1967.

J. Binter (1917) died 1967.

R. O. Williams (1916) died 1967.

If you have any information about these which would contribute toward an obituary please let the Editor know as soon as possible.

KEW STAFF LIST.

October, 1967.

* Life member of the Guild. † Formerly a Student Gardener.

‡ Acting.

Entered
Kew

DIRECTOR'S OFFICE			Entered Kew
Director	Sir George Taylor, D.Sc., F.R.S.E., F.L.S., V.M.H.		1956
Deputy Director, Keeper of Herbarium and Library (D.C.S.O.).....	J. P. M. Brenan, M.A., B.Sc., F.L.S.		1948
Secretary (Chief Executive Officer)...	R. W. King, D.F.C.		1959
Higher Executive Officer.....	J. G. Hicks		1964
Executive Officer	Mrs. E. J. Everitt		1963
" "	Mr. C. W. Grimes		1967
" "	Miss M. R. Axton		1967
Clerical Officer/Secretary	Mrs. A. M. E. Kendall		1947
Clerical Officer	Mrs. V. L. M. Clark		1967
" "	Mrs. H. M. Hyde		1966
" "	Miss J. M. Smith		1966
" "	Mr. J. A. Vaughan... ..		1966
" "	Mrs. I. V. Render		1965
" "	Mrs. J. Ashman		1967
" "	Miss L. M. Jenkins		1966
Clerical Assistant	Mrs. F. L. Upton		1963
" "	Mrs. F. I. Hughes		1962
" "	Mrs. E. M. Kedge		1965
" "	Miss M. I. Hutchins		1967
" "	Mr. L. E. Hare		1966
Shorthand Typist	Miss E. H. Smith		1966
Telephone Operator	Mrs. C. Lansdell		1966
HERBARIUM AND LIBRARY			
Deputy Keeper, S.P.S.O.....	E. W. B. H. Milne-Redhead, I.S.O., T.D., M.A., F.L.S.		1928
Senior Principal Scientific Officer.....	R. Melville, B.Sc., Ph.D., F.L.S.		1934
" " " "	R. W. G. Dennis, B.Sc., Ph. D.		1944
Principal Scientific Officer.....	A. A. Bullock, B.Sc., F.L.S.		1929
" " " "	*J. R. Sealy, B.Sc., F.L.S.		1927
" " " "	R. D. Meikle, B.A., LL.B., F.L.S.		1947
" " " "	D. A. Reid, B.Sc., Ph.D.		1951
" " " "	W. D. Clayton, B.Sc., Ph.D., A.R.C.S., F.L.S.		1958
" " " "	F. N. Hepper, B.Sc., F.L.S.		1950
" " " "	L. L. Forman, B.Sc., F.L.S.		1951
Senior Scientific Officer	Miss F. M. Jarrett, M.A., Ph.D., F.L.S.		1959
" " " "	P. S. Green, B.Sc., F.L.S.		1966
" " " "	C. Jeffrey, M.A.		1957
" " " "	D. M. Dring, B.Sc., Ph.D., F.L.S. ...		1962
" " " "	P. F. Hunt, M.Sc.		1959
" " " "	R. M. Polhill, B.A., F.L.S.		1961
" " " "	G. Li. Lucas, B.Sc., F.L.S.		1963
" " " "	D. R. Hunt, M.A., A.R.C.O.		1961
" " " "	R. W. Brummitt, B.Sc., Ph.D., F.L.S.		1963
" " " "	C. C. Townsend		1959
Scientific Officer	E. R. Guest, B.Ss., A.R.C.S., A.I.C.T.A. (Iraq)		1959
" " " "	A. R. Smith, B.Sc., A.L.S.		1962
" " " "	Miss D. M. Napper, B.Ss.,		1965
Botanist (Bentham-Moxon).....	H. K. Airy Shaw, B.A.		1925
Botanist (Liaison Officer)	E. G. H. Oliver, M.Sc. (S. Africa)		1967
Principal Research Officer	B. Verdcourt, B.Sc., Ph.D., F.L.S.		1964

	<i>Entered</i>
Senior Experimental Officer.....	Kew 1948
Experimental Officer	P. G. Taylor, F.L.S. 1919
" " 	Miss M. I. Skan, M.B.E. 1919
" " 	Miss S. S. Hooper, B.Sc., F.L.S. ... 1954
" " 	D. Philcox, M.I.Biol., M.Sc., F.L.S. 1959
" " 	D. V. Field, B.Sc. 1960
" " 	Miss J. K. Bowden, B.Sc., F.L.S.... 1949
" " 	M. J. S. Sands, B.Sc. 1959
" " 	D. N. Pegler, B.Sc., M.Sc., F.L.S.... 1960
" " 	G. E. Wickens, B.Sc., M.Sc., F.L.S. 1967
" " 	B. F. Mathew 1967
Assistant Experimental Officer.....	S. A. Renvoize 1963
" " " 	Miss S. M. King, B.Sc. 1966
" " " 	N. H. Sinnott 1963
Senior Scientific Assistant	Miss J. Forster 1947
" " " 	Miss I. Blewett 1941
" " " 	Mrs. J. L. M. Pinner (Miss Fletcher) 1952
" " " 	Miss T. A. Bence 1958
Scientific Assistant	Miss P. Halliday 1947
" " 	J. L. Gilbert... .. 1955
" " 	Mrs. J. Richardson (Miss McEwan) 1956
" " 	Mrs. D. Polhill (Miss Moscoff) ... 1957
" " 	Miss V. Mann 1958
" " 	Mrs. D. M. Bridson (Miss Shepherd) 1963
" " 	Mrs. M. J. Bowen-Jones 1963
" " 	Mrs. F. Neate, B.A. (P/T)... .. 1963
" " 	Miss V. A. Carder 1955
" " 	Miss V. F. Mulford 1964
" " 	Miss J. S. Frost 1966
" " 	Miss S. Shaw 1966
" " 	Miss P. E. Carman (Cyprus) 1966
" " 	Mrs. W. P. Hebb (Fl. Zamb.) 1966
" " 	Mrs. M. R. Fernando (Iraq) 1966
" " 	Miss M. A. Wood 1966
" " 	R. C. Dickeson 1967
" " 	P. J. Edwards 1967
" " 	R. R. Zabeau 1956
Senior Photographer	Miss M. A. Grierson 1960
Senior Illustrator	R. G. C. Desmond, F.L.A. 1961
Librarian	Miss M. M. Stammers, B.A., A.L.A. 1967
Assistant Librarian	Miss K. E. W. Rattue, A.L.A. ... 1961
" " 	Miss G. M. Grainger, A.L.A. ... 1964
" " 	Miss M. J. Kierans 1934
Library—Clerical Officer	Mrs. P. G. Warris 1961
" " " 	Miss H. M. White 1959
" " " 	Mrs. P. A. Wilson 1967
" " " 	Mrs. K. E. Mortimer 1964
" " " 	Mrs. H. Hinds 1967
" " " 	Mrs. M. Gazzard 1966
Library Typist P/T.....	Mrs. J. E. Taylor 1966
" " 	Miss I. L. Taylor 1959
Senior Laboratory Attendant	Mrs. H. Dzilna 1954
Laboratory Attendant	Mrs. L. C. F. Glenister 1956
" " 	Mrs. V. E. Baker 1959
" " 	Mrs. M. W. Glover 1960
" " 	Mrs. D. B. Boaler 1962
" " 	Mrs. E. M. Tooth 1965
" " 	Mrs. F. V. Cox 1966
" " 	Mrs. I. R. Tinker 1966
" " 	Mrs. A. Claxton 1966

Entered

Assistant (Bentham & Moxon).....	P. Heawood	...	...	...	1959
" "	Mrs. S. M. Shury	...	...	...	1960
" "	Miss C. Newall	...	...	...	1961
Clerical Officer	Mrs. M. D. Norman	...	...	...	1967
" "	W. J. Nicholas, B.A.	...	...	...	1967
Clerical Assistant	Mrs. I. I. Scott	...	...	...	1963
Shorthand Typist	Mrs. P. M. Hutchinson	...	...	...	1966
" "	Mrs. D. A. Campbell	...	...	...	1966
Typist (Supervisory All.).....	Mrs. M. J. Brind	...	...	...	1955
" "	Miss I. M. Chambers	...	...	...	1961
" "	Mrs. M. M. Longman	...	...	...	1947
" "	Mrs. E. N. Attwood	...	...	...	1964
" "	Mrs. I. E. Lightman	...	...	...	1964
" "	Mrs. B. C. Davis	...	...	...	1965
" "	Mrs. E. J. Fitchett	...	...	...	1965
" "	Mrs. J. E. Turner	...	...	...	1965
" "	Mrs. J. L. Ronald	...	...	...	1966
" "	Mrs. D. M. Stanley-Jones	...	...	...	1967
Senior Messenger	W. H. Nightingale	...	...	...	1965
Duplicator Operator	Mrs. P. A. Adams (Miss Godfrey)	...	...	...	1960
Gardener, Grade I	W. A. Mullins	...	...	...	1942
JODRELL LABORATORY					
Keeper (Senior Principal Scientific Officer)	C. R. Metcalfe, O.B.E., M.A., Ph.D., F.L.S., F.I.Biol.	...	...	...	1930
Principal Scientific Officer	K. Jones, B.Sc., Ph.D., F.L.S.	...	...	...	1960
Senior Scientific Officer	P. A. Thompson, B.Sc., M.Sc., Ph.D.	...	...	...	1964
" " "	Miss M. Y. Stant, B.Sc., Ph.D.	...	...	...	1950
" " "	T. Reynolds, B.Sc., M.Sc. B.I.C., A.R.C.S.	...	...	...	1966
Scientific Officer	C. J. Marchant, B.Sc., Ph.D.	...	...	...	1962
" "	D. F. Cutler, B.Sc., Ph.D., F.L.S., D.I.C.	...	...	...	1962
Experimental Officer	D. J. C. Fox, A.M.I.T.E.	...	...	...	1966
" "	Miss M. Gregory, B.A.	...	...	...	1961
" "	F. R. Richardson	...	...	...	1934
Assistant Experimental Officer.....	Mrs. C. A. Colden	...	...	...	1961
Senior Scientific Assistant	Miss D. M. Catling	...	...	...	1950
Scientific Assistant	N. J. McAdam	...	...	...	1967
" "	Miss C. Milne	...	...	...	1965
" "	Miss C. A. Brighton	...	...	...	1965
" "	Miss P. Kloosterman	...	...	...	1966
Senior Photographer	T. A. Harwood	...	...	...	1965
Laboratory Attendant	Miss B. M. Young (P/T)	...	...	...	1963
" "	Mrs. E. Turrell (P/T)	...	...	...	1965
Senior Research Fellow	P. E. Brandham, B.Sc., Ph.D.	...	...	...	1967
Laboratory Mechanic	E. Borez	...	...	...	1967
Shorthand Typist	Miss V. Horwill	...	...	...	1951
DEPARTMENT OF ECONOMIC BOTANY					
Experimental Officer (Guide Lecturer)	Miss R. C. R. Angel, B.Sc., Dip.Hort.Sc.	...	...	...	1959
Scientific Assistant P/T (Assistant Guide-Lecturer).....	Miss L. Ponsonby	...	...	...	1965
Museum Technician	A. J. Parkes	...	...	...	1960
Clerical Assistant	B. O'Dowd	...	...	...	1964
Scientific Assistant	Miss J. A. Puddick	...	...	...	1966
Typist (P/T)	Mrs. J. Carter	...	...	...	1967

GARDENS

Curator	R. L. Shaw, N.D.H.	1966
Deputy Curator	††S. A. Pearce, M.B.E., A.H.R.H.S., F.Inst.P.A. (Arboretum North)	1928
Assistant Curator	†G. H. Preston, F.L.S. (Herbaceous)	1934
"	†S. W. Rawlings, A.R.P.S. (Tropical)	1934
"	†G. E. Brown, N.D.H. (Arboretum S.)	1946
"	G. J. E. Yates, N.D.H. (Decorative)	1961
"	†J. B. Simmons, N.D.H. (Temperate)	1958
Supervisor of Studies	†L. Pemberton, N.D.H., Dip.Arb.	1952
Foreman Gardener	H. J. Jackman (Decorative)	1949
"	W. Bridle (Temperate House Pits)	1946
"	H. Bruty, B.E.M. (Ferneries Tropical) .....	.....
"	P. G. Shutler (Arboretum S.)	1946
"	E. W. Macdonald (Succulents— Tropical) .....	.....
"	†A. J. Hale (Temperate House)	1950
"	†F. A. Larkbey (Decorative)	1955
"	†G. E. Nicholson (Orchids—Tropical)	1947
"	†A. G. Cook (Herbaceous and Rock Garden Prop.)	1947
"	†R. I. Beyer (Alpine and Herbaceous)	1948
"	F. J. Sadler (Arboretum N.)	1959
"	†J. R. Woodhams (Tropical Pits)	1951
"	†M. J. Dawes (Arboretum S.)	1959
"	A. D. Stevens (Arboretum S.)	1964
"	†R. H. Rule (Palm House—Tropical)	1956
Shorthand Typist	Miss A. G. Barton	1953
Storekeeper	A. H. Vang	1953
Bird Keeper and Pests Operator.....	H. Allen	1966
Seed Collector	J. Mateer	1958
"	J. M. Latto	1952
Propagators	F. L. Burnell	1957
"	H. J. Fliegner	1946
"	Miss E. A. M. Magor	1963
"	Miss U. Proudlock	1966
Gardeners, Grade I	C. W. Bowditch	1965
"	H. Hockley	1958
"	M. P. D. Cameron	1942
"	J. Slater	1958
"	Miss U. Proudlock... ..	1945
"	J. Pruuden	1965
"	D. J. W. Bernard	1956
"	M. J. Harrington	1960
"	E. J. Pooley	1960
"	R. Laws	1935
"	P. Spedding	1962
"	Mrs. D. J. P. Hills	1961
"	W. J. Holmes	1964
"	E. A. Pawlowicz	1959
"	A. M. Juett	1958
"	J. F. Norris	1945
"	Mrs. J. Nau	1956
"	C. A. Piper	1965
"	Mrs. B. U. Fleigner (P/T)	1967
"	E. D. Scarr	1965
"	W. R. Frost	1964
" .....	.....	1966
CONSTABULARY		
Sergeant in Charge	W. Leaver, B.E.M., I.S.M.	1935

WAKEHURST STAFF (Ardingly, Sussex)

		<i>Entered Kew</i>
Assistant Curator	†A. D. Schilling, Dip.Arb. ...	1959
Foreman Gardener	†P. J. Brazier ...	1965
" "	F. G. Greenough ...	1958
" "	D. W. H. Townsend ...	1965W
Executive Officer	R. Forsdike ...	1966W
Typist	Mrs. G. Turner ...	1965W

(W behind the year indicates direct entry to Wakehurst.)

STUDENT GARDENERS OF THREE-YEAR COURSE

(Commenced 5th October, 1965)

A. H. Balfour	C. Hindmarch	R. A. Pitt	D. Walshaw
R. C. Cowley	C. W. Jones	J. D. Roberts	A. D. Webster
M. R. Cudd	Miss M. M. Jones	S. C. Scarr	A. M. Weir
S. W. Dyall	D. H. Miller	I. M. L. Shepherd	F. C. Yong
R. S. Hebb	Miss J. Nau	G. F. Smith	
H. G. Heywood	G. A. Pattison	Miss E. Stevens	

(Commenced 3rd October, 1966)

M. J. Alderson	D. G. Every	J. B. Lawrence	P. C. Summerwell
Miss S. P. Ash	P. A. Goodbury	Miss J. Lee	P. E. Styles
A. G. Burgess	S. A. Goodyear	M. R. Norton	T. M. Taylor
A. Connell	C. Iles	R. B. Mann	J. P. R. Wickham
A. J. G. Esmonds	P. A. Ketley	M. J. Shorey	

(Commenced 2nd October, 1967)

G. D. Armstrong	W. Q. Emm	D. A. Norwood	T. R. B. Storr
C. Beardsley	E. Fenwick	D. R. Owen	Miss P. C. Tietze
P. A. Boys	D. J. Hicks	D. M. Painter	J. Tuck
A. P. Child	M. Holloway	J. Protheroe	G. G. Wheatley
P. F. Clothier	R. Johnson	B. Roby	G. P. Wood

IMPROVERS

C. Bailey	E. S. Rafferty	Miss C. Payne	C. W. Webb
S. P. Inman	N. J. Stone	P. L. Sherwood	C. Graham
R. A. Blake	H. Groffman	B. Alexandrou	J. Weeks
C. W. Hinds	J. R. Driscoll	P. W. Inman	D. F. Pelaney
S. G. L. Cole	R. O. Johnson	B. J. Richards	J. Clark
J. Conway	D. Carter	M. Masters	S. C. Moore
A. Claringbowl	M. B. Heap	J. Nicholson	
D. Getty	P. M. Barnes	W. Weightman	

ADDRESS LIST OF OLD KEWITES (October, 1967)

(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., 69 Selwyn Avenue, Richmond, Surrey.
 1938 *Addison, G. H., 45 Cavendish Place, Eastbourne, E. Sussex.
 1957 Addison, P., N.D.H., 14 Taunton Road, Wallasey, Cheshire.
 1960 Adshead, P., Rothley, Kingsgate Road, Winchester, Hants.
 1926 Agate, C. J., 7 Beach Road, Great Neck, Long Island, N.Y., U.S.A.
 1949 Ainslie, E., 32 Bakewell Road, Hazel Grove, Stockport, Cheshire.
 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. Bradley Moore, 3A Bath Road, Thatcham, Nr. Newbury, Berks.
 1962 Aldous, J., 504 Grace Way, Almonds Spring, Stevenage, Herts.
 1961 Allen, B., Landscape Trees, Barkham Road, Wokingham.
 1946 Allen, Miss B. (See Mrs. F. Christopher).
 1948 Allen, F. H., Coombe Villa, Wootton-under-Edge, Glos.
 1961 Allen, J., 21 Shepherds Walk, Cove, Farnborough, Hants.
 1930 Allison, B. W., D., Parks Dept., Salford, Lancs.
 1956 Alphonso, A. G., B.G., Singapore, 10, S.S.
 1945 *Ambrose, Miss R. M. (See Mrs. J. Souster).
 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.
 1965 Anderson, G. H., B.E.M., 29 Glenwood, Harmans Water, Bracknell, Berks.
 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., "Dawn," Inglewood Drive, Alswick, Bognor Regis, Sussex.
 1954 Appleby, J., 53 Rathbone Road, Wavertree, Liverpool, 15.
 1964 Armony, A., 12 Queens Mansions, 230 Westend Lane, London, N.W.6.
 1947 *Armstrong, C. E., N.D.H., H.L., Kesteven Farm Inst., Claythorpe Court, Nr. Grantham, Lincs.
 1931 *Arnold, T. A., Box 90, Bedfordview, Transvaal, S.A.
 1920 Ash, Mrs. W. (E. M. Harper), 22 Palace Court, Hampstead, N.W.3.
 1944 *Ashby, Mrs. D. (F. A. Sharps), 145 High Street, Harston, Cambridge.
 1956 Ast, R., Huob, 6330 Cham/ZG., 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., Agricultural Education Office, Bridge House, Bakewell, Derbs.
 1959 Atkinson, G., Kew Cottage, Calstock Road, Gunnerslake, S.E. Cornwall.
 1954 Attenburrow, D., c/o Fisons, Levinpton Research Inst., Ipswich, Suffolk.
 1950 Attwood, C. A., Bel-Air, Ulgham, Morpeth, Northumberland.
 1910 *Aubrey, A. E., 83 Newbridge Street, Wolverhampton, Staffs.
 1946 Avery, Edwin, 2 Newport Road, Barnes, S.W.13.
 1939 *Aves, J. J., D.S., P.O. Box 1454, Parks Dept., Pretoria, S.A.
 1935 Bachelor, P. L., Glenchairn, Dover Ridge Avenue, Carlton, Nottingham.
 1906 *Badgery, R., 47 King's Ash Road, Paignton, Devon.
 1920 *Baker, E., The Myrtles, Bucknalls Lane, Garston, Herts.
 1947 Baker, M. E., 25 Springfield Road, Bury St. Edmunds, Suffolk.
 1939 *Balch, R. W., N.D.H.(N.Z.), A.S. of Reserves, 42 Montague Road, Dunedin, New Zealand.

- 1961 Ballard, F., B.Sc., A.R.P.S., 24 Grove Park Road, Chiswick, London, W.4.
 1961 Banbury, J. N., 20 Oxford Street, Woodstock, Oxford.
 1965 Barber, A. V. H., Bromley House, 50 Higher Bank, Fulwood, Preston.
 1962 Baren, N. E., D.I.P.A., Towneley Cottage, Towneley Park, Burnley, Lancs.
 1928 Barham, V. G., "Invermark," Arnolds Lane, Sutton-at-Hone, Dartford, Kent.
 1958 Barker, L. P., 120 Victoria Road, Fulwood, Preston.
 1923 *Barker, W. H., N.D.H., M.C., The Thatched Cottage, Rodney Stoke, Nr. Cheddar, Somerset.
 1966 Barnes, A. L., "Longacres," Huntick Road, Lychett Matravers, Dorset.
 1960 Barnes, H. P., N.D.H., 66 Rowlands Avenue, Hatch End, Pinner, Harrow, Mdx.
 1962 Barnett, R. C. A., 7 Thornton Avenue, London, W.4.
 1963 Barwani, M. R., 5 Natal Road, London, N.11.
 1927 *Basset, W. E., M.B.E., 6 Ravenswood Road, CRO 4BL.
 1930 *Bate, C., D.I.P.A., S., Park Lodge, Bedwelty Park, Tredegar, Mon.
 1932 Bates, W., The Gardens, Witanhurst, West Hill, Highgate, N.10.
 1962 Bauman, R. C., Longwood Gardens, Kennett Square, Pa., U.S.A.
 1954 Baverstock, E., N.D.H., 1 The Cottage, Sidcup Place, Sidcup, Kent.
 1956 Baylis, C. L., 29 Paddock Heights, Twyford, Reading, Berks.
 1911 Beale, J. H., Stonecrest Manor R.D.2, Ridgefield, Conn., U.S.A.
 1936 Beale, Mrs. S. E. (Hampton), Shelvingford, 37 London Road, Liphook, Hants.
 1905 *Beatty, E. J., "Deva," Church Lane, Eastergate, Manchester, Sussex.
 1953 Bee, R. A., Dep. Dir., Parks Dept., Town Hall, Manchester, 2.
 1919 Beer, A., University B.G., Innsbruck, Tyrol, Austria.
 1942 *Bell, Miss C. O., B.Sc. (See Mrs. Martin).
 1963 Bell, H., 49 Kerry Drive, Kirkella, East Yorkshire.
 1918 *Bell, Miss V. S. (See Mrs. Danes).
 1964 Bentall, M., c/o Bromley Parks Dept., Bromley, Kent.
 1947 *Benton, P. S. L., 22 Melrose Avenue, Whitton, Middlesex.
 1937 Berney, M. J., La Plaine, Geneva, Switzerland.
 1967 Bessler, W., 3 Copperfield Road, Bassett, Southampton.
 1967 Beswick, J., 2 Raleigh Walk, Tilgate, Crawley, Sussex.
 1952 Bett, J. R., The Vineries, Harby, Nr. Newark, Notts.
 1949 Bettesworth, A. W., Parks & Rec. Dept., Welfare House, 168 Fox Street, Johannesburg, S.A.
 1957 Bewley, I. K. (See Mrs. S. D. Hitt).
 1955 Billett, M., 32 Grosvenor Gardens, London, S.W.1.
 1929 Billström, G. A., Göteborgs Trädgårdsförening, Göteborg, Sweden.
 1924 *Binnington, R., S., 152 Belle Moor Road, Southampton.
 1958 Binham, C. A., 21 Haddon Drive, Mickleover, Derby.
 1918 Bintner, Mrs. J. (Harper), 54 Rue de la Tourelle, Boulogne, Seine, France.
 1940 Bird, E., 25 Cannons Meadow, Tewin, Welwyn, Herts.
 1946 Bird, Miss H. (See Mrs. G. Williams).
 1959 Bird, S. F., 4 Prospect Road, Birmingham, 13.
 1919 *Bishop, Miss S. W., The Homestead, East Stoke, Stoke-under-Ham, Somerset.
 1933 Blackman, J. A. E., N.D.H., Plumpton Nurseries Ltd., Sussex.
 1945 Blowers, J. W., A.H.R.H.S., "The Orchid Review," 96 Marion Crescent, Maidstone, Kent.
 1946 Blowfield, A. H., S., 298 Limpsfield Road, Sanderstead, Surrey.
 1951 Boddington, H. P., D.I.P.A., 55 Old Meeting Street, West Bromwich, Staffs.
 1944 *Bolton, Miss I. E. (See Mrs. I. E. Cranfield).
 1936 Bontiglioli, V., Via Trionfale 175, Rome, Italy.
 1924 Booker, A. J., 97 Quay Road, Bridlington, Yorks.
 1956 Boot, W. A., Supt. of Parks, Box 23, Nigel, Transvaal, South Africa.
 1959 *Bor, N. L., C.I.E., O.B.E., M.A., D.Sc., F.L.S., 20 Royston Court, Kew Road, Kew, Surrey.
 1938 Boreman, A. E., S., 58 Ferndale Road, Ashford, Middx.
 1948 Borrett, A. H., c/o Messrs. Notcutts, Woodbridge, Suffolk.
 1956 Boulton, J. B., 9 Firbank Road, St. Albans, Herts.
 1947 Bourner, E., Garage Flat, Nutfield Lodge, Redhill, Surrey.
 1966 Bowen, R. D., 168 Manor Hall Road, Southwick, Brighton, Sussex.
 1949 Bowles, H. A., The Lodge, Baker's Park, Toines Road, Newton Abbot, Devon.
 1928 *Boyd, T. D., 1 The Queen Elizabeth Crescent, Accrington, Lancs.
 1947 Boyle, J. J., Malvern House, Martington Road, Buxton, Derbyshire.

- 1925 *Braid, K. W., O.B.E., M.A., B.Sc., Lochview, Skene, Aberdeen.
 1943 Brakin-Smith, Mrs. E. B. (Miss E. P. King), 12 Thornborough Road, Coalville, Leics.
- 1953 Brasher, P. A. D., 24 Devon Avenue, Whitton, Middlesex.
 1963 Breach, D. J., Flat 3, The Lodge, Wexham Road, Wexham, Bucks.
 1939 Bridge, S., 437 North Street, Greenwich, Connecticut.
 1962 Bridgman, P. T., N.D.H., N.A.A.S., 14 High Street, Lewes, East Sussex.
 1964 Bridgeman, P. H., N.D.H., 65 Swanstead, Vange, Basildon, Essex.
 1960 Briggs, Miss B. (See Mrs. Cole).
 1961 Briscoe, G. E. D., c/o Parks Dept., Johannesburg, South Africa.
 1927 Bromley, W. H., Coedmore Cottage, Saundersfoot, Pembro.
 1903 †*Brooks, A. J., F.L.S., F.C.S., A.H.R.H.S., 3 Somerville House, Manor Fields, Putney, S.W.15.
- 1963 Brooks, P. S., 45 Woodhall House, Welwyn Garden City, Herts.
 1905 *Brown, A. E., 76 The Kingsway, Toronto 18, Ontario, Canada.
 1930 Brown, A. J., S., Parks and Cemeteries, The Lodge, Wigston Cemetery, Leics.
 1950 Brown, D. A., F.Inst.P.A.(Dip.), N.Y. Bot. Gdn., Bronx Park, New York.
 1903 *Brown, E., "Chez Nous," Grove Road, Cranleigh, Surrey.
 1943 *Brown, G. B., 1 Dunkeld Road, Gosport, Hants.
 1959 Brown, J., 4 Bignor Street, Cheetham, Manchester, 8.
 1926 Brown, Jas., S., Registrar's Office, St. Woollos Cemetery, Bassaleg Road, Newport, Mon.
- 1946 Brown, R. M. Stuart, D.Inst.P.A., Supt. of Parks, Municipal Buildings, Redcar, Yorkshire.
- 1950 Brown, L. R., D., Municipal Offices, Kingston-upon-Thames, Surrey.
 1928 *Bruins-Lich, H., 231 Main Street, Waterloof, Pretoria, Transvaal, Rep. of S.A.
 1938 Buckley, A. R. T., A.C., Dept. of Ornamental Plant Research Inst., C.E.F., Ottawa, Ontario.
- 1947 Buller, Miss A. G., c/o Mrs. Anne Wolfe, Iferm, Pontblydydw, Nr. Mold, Flintshire.
- 1945 *Bundy, E. F., 62 Combemartin Road, Southfields, London, S.W.18.
 1945 Bundy, Mrs. (Scott), ditto.
 1921 Burfoot, C., H.G., Buckhurst Park, Withyam, Tunbridge Wells, Kent.
 1964 Burlingham, Miss K. M. (See Mrs. Dodge).
 1954 Burras, J. K., N.D.H., Superintendent's Cottage, Botanic Garden, Rose Lane, Oxford.
- 1922 *Burrell, Miss L. C. (See Mrs. S. T. Lees).
 1951 *Burt, B. L., B.Sc., F.L.S., Royal Botanic Gardens, Edinburgh.
 1903 Burton, H., 317 Jefferson Road, West Palm Beach, Florida.
 1949 Bury, W., 1 Gleaston Avenue, Barrow-in-Furness, Lancs.
 1924 *Buss, L., The Cree, Smarden, Ashford, Kent.
 1921 *Butcher, H. G., 11 Bridle Road, Epsom, Surrey.
 1955 Butcher, I. A., Avebury Manor Gardens, Avebury, Nr. Marlborough, Wilts.
 1922 Butler, P. J., Bedford College, Regents Park, N.W.1.
 1919 *Bysouth, Mrs. R. A. (Davies), 5513-52 St. Lloydminster, P.O., Alberta, Canada.
- 1953 Cameron, J. D., Horticulturist, Parks Dept., East London, South Africa.
 1913 *Candler, S. R., H.G., P.O. Box 278, Southampton, N.Y., U.S.A.
 1912 *Cannon, H. A., Uganda Coffee and Rubber Estates Ltd., Kampala, P.O. 53, Uganda.
- 1959 Carter, B., N.D.H., 60 Fern Lane, Heston, Middlesex.
 1930 *Carr, G. E., 118 Robinson Avenue, Scarborough, Ontario, Canada.
 1947 Carr, O., 35 Park Terrace, Dunston-on-Tyne, Gateshead, 11, Co. Durham.
 1953 Carson, S. A., 3 Drury Lane, Weston, Canada.
 1953 Carn, L., N.D.H., 6 Ixworth Road, Troston, Nr. Bury St. Edmunds, Suffolk.
 1953 Castree, F., 120 Nether Street, West Finchley, N.2.
 1958 Catchpole, P. A., Glenwood, 284 Cowley Road, Uxbridge, Middlesex.
 1961 Caton, Miss R. A., Hill Farm, Farnham, Nr. Bishops Stortford, Herts.
 1929 *Catt, G. A., Stone Lodge, Borde Hill, Cuckfield, Sussex.
 1923 *Cavanagh, A. A., Casilla de Correo, 28 Apostoles Misiones, Argentina.
 1903 *Cave, J. E., Merle Cottage, Foxley Lane, Binfield, Bracknell, Berks.
 1922 Chambers, Mrs. K. (Watson), Bines Common, Partridge Green, Horsham, Sussex.
 1919 *Chandler, P., 205 Reading Road, Wokingham, Berks.

- 1939 Chantler, E., 27 The Ridgeway, Fleetwood, Lancs.
 1939 Chantry, S. H., Upper Stratton Sec. Mod. School, Upper Stratton, Nr. Swindon, Wilts.
- 1919 *Chapman, H. L. R., 545 Gunson St., East Lansing, Michigan, U.S.A.
 1955 Chapman, J., c/o Dept. of Agriculture, Nairobi, Kenya.
 1929 *Cheek, A. J. W., The Lodge, Alexandra Park, Moss Side, Manchester.
 1938 *Cherry, C. E., N.D.H., F.Inst.P.A., S., Parks Dept., Seear's Park, St. Dunstons Hill, Cheam, Surrey.
- 1938 Chevalier, M. M., 5 Rue Beaugrenelle, Paris, 15me, France.
 1911 Child, H. V., Kew Convent, Kew, Victoria, Australia.
 1949 Child, R. E., c/o Parks Dept., Ilford, Essex.
 1946 Christopher, Mrs. F. (Allen, B.), Boro Farm, Tresco, Isles of Scilly, Cornwall.
 1961 Chuter, R., Dip.Arb., c/o 66 Maple Grove, March, Cambridgeshire.
 1957 Claiden, R. J. T., 4 Moleford Cottage, London Road, Dorking, Surrey.
 1955 Clark, D. V., Brookside Nursery, Ware Road, Wormley, Herts.
 Clark, Miss Frances, Norwood, Baileys Drive, Wool, Dorset.
 1946 Clark, J., D.I.P.A., S. Parks, Dover Parks Dept., Kent.
 1948 *Clark, Mrs. J., N.D.H.(Eperon), ditto.
 1923 Clark, T. E., P.P.Inst.P.R.A., "Harrowby," New Church Road, Smithills, Bolton, Lancs.
- 1932 *Clarke, F., N.D.H., County Hort. Organiser, Education Offices, St. Mary Square, Bury St. Edmunds, Suffolk.
- 1933 *Clarke, T. R., Plumpton Nurseries Ltd., Sussex.
 1957 Cleet, A. T., P.O. Box 2824, Johannesburg, South Africa.
 1958 Clift, M., West Field, Thorndown Lane, Windlesham, Surrey.
 1930 Coales, T. D., 14 Board School Road, Woking, Surrey.
 1949 Coates, C. F., 9 The Bank, Catterick, Richmond, Yorkshire.
 1933 *Cocker, H. R., A.H.R.H.S., Casella Postale 5, Noventa di Piave, Prov. di Venezia, Italy.
- 1959 Coghlan, R., Trevena, Holders, St. James, Barbados.
 1960 Cole, T., A.P.I., 1, 956 Byron Avenue, Ottawa 13, Ontario.
 1960 Cole, Mrs. T. (Miss B. Briggs), ditto.
 1967 Coleman, D. V., The Grotto, School of Parks Admin., Lower Basildon, Nr. Reading, Berks.
- 1958 Collett, M. J., The Cottage, Torre Abbey, Torquay, Devon.
 1959 *Collin, H., 13 Defoe Avenue, Kew Gardens, Richmond, Surrey.
 1939 *Collins, C. J., F.I.P.A., S., 42 Gainsborough Road, Colchester, Essex.
 1955 Collins, G. E., N.D.H., "Inverewe," Poolewe, By Achnosheen, Ross-shire.
 1955 Comber, J. B., Sapong Estate, Nr. Tenom, via Jesselton, North Borneo.
 1935 Commeau, J., 28 Avenue de Mendiguren, Nice.
 1923 *Conn, P. W. H., M.Sc., P.P.Inst.P.R.A., A.H.R.H.S., The Bridge, Surrey Road, Seaford, Sussex.
- 1949 *Constable, F., Parks, Cem. and Allotments Dept., The Council House, Corporation Street, Derby.
- 1921 *Cook, F. J., S., 16 Seventh Avenue, Walmer, Port Elizabeth, South Africa.
 1962 Cook, G. A., 209 Portland Street, Ashton-under-Lyme, Lancs.
 1945 *Cook, G. G., M.B.E., War Graves Comm., 180 Rue Jean Guyon, Albert, Somme, France.
- 1929 *Cook, L., Hort. Supt., 173 Reddish Road, South Reddish, Stockport, Cheshire.
 1915 *Coombes, G., P.O. Box 179, Northridge, California, U.S.A.
 1944 Cooper, Miss B. (See Mrs. C. F. Jackson).
 1925 Cooper, E. C. W., "Jescot," Shripney Road, Bognor Regis, West Sussex.
 1925 *Corbett, W., 16 The Close, Wilmington, Kent.
- 1935 *Corkhill, W. J., Waen Rodyn Nurseries, Boffari, Denbigh, Denbighshire.
 1943 *Cornford, Miss K. D., 165 Gordon Court, Ducane Road, London, W.12.
 1935 Cossum, H. A., 1 Marble Hill House Drive, Evesham Rd., Pittville, Cheltenham.
 1932 Cousin, G. J. D., Dept. of Agric., Lapsi Street, St. Julians, Malta.
 1924 Coventry, T., 210 Towcester Road, Northampton.
 1923 *Coward, E. F., 84 Herne Hill Road, Herne Hill, London, S.E.24.
 1932 *Coward, E. J. H. (Major), "The Spinney," Ballarnard Road, Douglas, I.O.M.
 1945 Cowell, Miss M. C., B.Sc., N.D.H. (See Mrs. Smith).
 1949 Cox, H., 38 Allen Road, N.E. Atlanta, 5, Georgia, U.S.A.
 1920 *Craig, Mrs. A. P., 96 Mackie Avenue, Brighton, 6.

- 1940 *Cramer, Johannes D. W., 395 Zephyr Street, Denver, 26, Colorado, U.S.A.
 1940 Cramer, Mrs. (B. N. Shepherd), ditto.
 1944 *Cranfield, Mrs. I. E. (Miss Bolton), 30 Bramley Way, West Wickham, Kent
 1946 Cropley, R., Plant Pathology Section, East Malling Research Stn., East Malling, Maidstone, Kent.
 1955 Crowder, G., D.I.P., Walton Hall Gardens, Higher Walton, Nr. Warrington, Lancs.
 1921 *Cunningham, W. J. M., 1677 W 62 Avenue, Vancouver, 13, B.C., Canada
 1938 Curry, T. G., 40 The Drive, Barking, Essex.
 1956 *Curtis, E. W., S.D.H., Curator's House, Botanic Gardens, Glasgow, W.2.
- 1955 Dahampath, U. M. P., C., University Park, Peradeniya, Ceylon.
 1954 Dalgeish, J., The Flat, Sudley, Mossley Hill Road, Liverpool, 18.
 1927 Dandy, J. E., M.A., F.L.S., "Rowans," Grove Road, Tring, Herts.
 1918 *Danes, Mrs. V. M. (Bell), The Hill, Wheathampstead, Herts.
 1960 Darbyshire, P. J., 17 Vernon Place, Canterbury, Kent.
 1965 Davenport, R., 12 Woodfield Road, Cheadle Hulme, Cheadle, Cheshire.
 1947 Davenport, W., Court Lees School, Godstone, Surrey.
 1967 Davidge, R., Palavas, Hatch Close, Addlestone, Weybridge, Surrey.
 1919 *Davidson, Miss H. W., Culver House, Payhembury, East Devon.
 1941 Davidson, Miss I. M., 37 Westmorland Road, Sale, Manchester, Lancs.
 1938 Davies, H. F., C., Ewarigg Nat. Park, c/o Nat. Park Board, Salisbury, Rhodesia.
 1940 Davies, P. W. C., S. of Parks, 20-22 St. George's Chambers, Merrial Street, Newcastle-under-Lyme, Staffordshire.
 1919 Davies, Miss R. A. (See Mrs. Bysouth).
 1951 Davies, R. S., Hawthorn Nursery, Lower Common, Longden, Nr. Shrewsbury.
 1931 Davis, H. T., 119 Talbot Hill, Brislington, Bristol 4.
 1944 *Dawson, D., 36 Cross Street, Ware, Herts.
 1948 Dayson, F. G., 34 Forest Row, Roebuck, Stevenage, Herts.
 1937 Dean, G., D., Parks Dept., Auckland City Council, Private Bay, Auckland, New Zealand.
 Dean, H. A., Stonehouse Farm, Greenmount Lane, Bolton, Lancs.
 1958 Dean, P. J., 60 Vale Road, Reddish, Stockport, Cheshire.
 1936 *Dean, R. E., M.O.P.B.W., Regional H.Q., Adam Drive, Singapore, 11.
 1964 Deans, R. F., 4 Church Road, Silsoe, Nr. Bedford, Beds.
 1960 Deans, T., N.D.H., 42 Stonyhurst Road, Woolton, Liverpool, 25.
 1938 De Clerq, L., Rue de Gand, 227 Mont St. Amand-Gand, Belgium.
 1964 Dennis, Miss M. J. (See Mrs. Griffin).
 1960 Derrick, A. F., 3 Kings Chase, Brentwood, Essex.
 1924 De Troyer, Ch. L., D., Grand Etablissement Horticole de Wolverthem, Les Bruxelles, Belgium.
 1960 De Wolf, Dr. G. P., B.Sc., Ph.D., c/o Arnold Arboretum, Cambridge, Mass., U.S.A.
- 1964 Diedrick, V., Royal Botanic Gardens, Hope, Kingston, 6, Jamaica.
 1946 Dimes, Mrs. D. M., 48 Blake Avenue, New Malden, Surrey.
 1960 Dixon, A. G., Rose Cottage, Perry Street, Crayford, Kent.
 1909 Dixon, J., c/o Messrs. Bees, Sealand Nurseries, Chester.
 1961 Dodds, B., Asst. Landscape Architect, City Architect's Dept., Civic Centre, Newcastle-upon-Tyne, 1.
 1964 Dodge, M. H., Winterthur, Delaware, 19735, U.S.A.
 1964 Dodge, Mrs. K. M. (Miss K. Burlingham), ditto.
 1954 Donaldson, C., 1 Nothfield Cottages, Univ. Field Stn., Wytham, Nr. Oxford.
 1931 Donnelly, E. J., The Canons Lodge, Madeira Road, Mitcham, Surrey.
 1934 *Douglas, J., S., F.Inst.P.A., 2 Longcroft, Robertson Park, Renfrew.
 1912 *Downer, H. E., Beechwood Avenue, Poughkeepsie, N.Y. 12601, U.S.A.
 1935 *Downes, W. F., 38 Uxbridge Road, Hanwell, W.7.
 1945 Drewitt, C. E., 5 John Gay Road, Barnstaple, North Devon.
 1944 Drive, Miss M. M. (See Mrs. M. J. Cross).
 1928 Duke, Miss M. M. (See Mrs. Wallace).
 1935 *Dumke, G. P. W., Berlin B.G., Berlin-Dahlem, Germany.
 1957 Dumont, T., 21 Rue Des Pommiers, Luxembourg, Val de Hamm, Grand Duchy of Luxembourg.
 1953 Dunball, A. P., D.I.P.A., 3 Crossways, Gidea Park, Romford, Essex.

- 1954 Duncan, C. A. A., Eden Falls, P.O. Box 74, Ocho-Rios, Jamaica, W.I.
 1965 Duncan, C. M., N.D.H., 50 Hamilton Avenue, Sandycroft, Chester.
 1958 Dunk, Miss A. D. (See Mrs. Sceats).
 1957 Dunn, P. G., c/o Parks Dept., Uxbridge.
 1959 Dunnenberger, W., Tannbühl, 8908 Hedingen/ZL, Switzerland.
 Durrand, A. M., c/o Town Engineer, P.O. Box 70, Kitwe, North Rhodesia.
 1939 Dusing, G., Sansouci B. G., Potsdam, Germany.
 1934 *Dyer, R. A., D.Sc., Botanist, Div. of Plant Industry, Pretoria, South Africa.
 1961 Dyke, D., Flat A, 17 St. Charles Square, London, W.10.
- 1912 Eady, G. H., "Aburi," Clyffe, Dorchester, Dorset.
 1945 *Eady, Miss M. C., 22A St. John's Avenue, Putney, London, S.W.15.
 1946 *Eaton, H. J., N.D.H., Director, Rosewarne Experimental Station, Cornwall.
 1948 Edwards, D. G., Toynbee Nurseries, Croftway Nurseries, Barnham, Nr. Bognor Regis, Sussex.
 1947 *Edwards, J. H., 190 Seaview Road, New Plymouth, N.Z.
 1966 Edwards, R. K., 72 Faggs Road, Feltham, Middlesex.
 1951 Egerton, J. A., 6 London Road, Holmes Chapel, Crewe, Cheshire.
 1936 Eickhorst, M., Rangsdorf, c/Berlin, Seebhdallee, Telteus, Germany.
 1955 Ekanayaka, D. T., B.Sc.(Hons.), B.G., Peradeniya, Ceylon.
 1919 *Ellis, Miss C. F. (See Mrs. Somers).
 1934 Elphick, G., Myrtle Cottage, Ide Hill, Sevenoaks, Kent.
 1964 Elsley, J. E., Beaumont Hill, Stoughton Drive South, Leicester.
 *Elson, A. S., "Catherine Cottage," 8 Seaview Road, South Hayling, Hants.
 1956 Elton, T., 6 Alleston Walk, Bushbury, Wolverhampton, Staffs.
 1966 Endall, J., Gainsborough House, 8 Ainsles, Belvedere, Lansdown, Bath, Som.
 1912 *Endres, H. W., 10140 Fieldcrest Lane, Ladve, St. Louis, 24, Missouri, U.S.A.
 1928 England, J. W., S., Parks Dept., Merthyr Tydfil, Wales.
 1932 *English, R. J., 279 Stockingstone Road, Luton, Beds.
 1948 *Eperon, Miss K., N.D.H. (See Mrs. J. Clark).
 Ercoli, Mario, Via—Girolamo Rossi, 27, Bordighera, Italy.
 1935 *Eul, F. H., N.D.H., P.P.Inst.P.A., S., Bourne Cottage, Bourne Rd., Bexley, Kent.
 1962 Evans, D. T., 13 Sefton Road, Hoole, Chester.
 1938 Evans, H. R., P.O. Box 100, Molo, Kenya.
 1952 Evans, K., N.D.H., Undergraduate School of Applied Biology, Univ. of Bradford, Great Horton Road, Bradford, 7.
 1945 *Evans, Miss M. J. B. (See Mrs. J. A. Letch).
 1947 Evans, Mrs. I., Pitt Farm, Harberton Ford, Nr. Totnes, South Devon.
 1914 *Evans, W. N., 1 Vine Lane, Hillingdon, Middlesex.
 1927 *Everett, T. H., M.Sc., N.D.H., New York B.G., Bronx Park, N.Y., U.S.A.
 1945 *Everett, W. E., Hort. Instructor, Philanthropic Society School, Redhill, Surrey.
 1928 *Everitt, W., 3 Majestic Mansions, St. Peters Road, East London, South Africa.
 1937 *Ewart, J. W., Myers Road, Otumatai, Tauranga, New Zealand.
- 1932 *Farley, G. C., 5 Harringay Gardens, London, N.8.
 1928 Farmer, J. E., S., Park Lodge, Broomfield Park, Palmers Green, N.13.
 1945 *Farmer, Mrs. W. O. (Miss J. M. Thompson), Tunas, Missouri, U.S.A.
 1923 Farr, B., Oldbury Place Lodge, Ightham, Kent.
 1953 Farrar, T. H., 39 Fielden Close, Ducklington, Witney, Oxfordshire.
 1967 Fay, M. E., 19 Standing Garden, Eccleston Hill, St. Helens, Lancashire.
 1963 Fellows, K. M., 172 Ayres Road, Old Trafford, Manchester, 16.
 1909 *Feltham, E., No. 3 Flat, The Coombe, Streatley, Reading.
 1929 *Findlay, R. (Capt.), The Ship, Bryn-y-Baal, Mold, Flintshire.
 1939 Fisher, F. W., Com. War Graves Comm., Military Section, Brookwood Cemetery, Brookwood, Surrey.
 1965 Fisher, J. H., N.D.H., Broughton Road, Crosland Moor, Huddersfield.
 1937 Fisher, J. M., S., Hampton Court, East Molesey, Surrey.
 1957 Fleming, J. F., 177 Brigton Road, Derby.
 1915 †*Flippance, F., F.L.S., Lavender Cottage, 17 Paddocks Road, Burpham, Guildford, Surrey.
 1928 *Floto, E. V., University B.G., Copenhagen, Denmark.
 1958 Floyer, Miss R. A., now Mrs. R. A. Nicholson, P.O. Box 3, Mbulu, Tanganyika.

- 1924 Flynn, G. O., Bede Home, College Grove Road, Wakefield, Yorks.
 1949 Foat, C. D., Knutsford, Gt. Barton, Bury St. Edmunds, Suffolk.
 Foot, C., London Borough of Bromley Parks Dept., 11 London Road, Bromley, Kent.
- 1961 Foote, L. A., 85 Roebuck Road, Chessington, Surrey.
 1945 Ford, F. J., S., 1 Sandown Road, Great Yarmouth, Norfolk.
 1927 *Ford, G. W. J., Experimental Greenhouse, Longwood Gardens, Kennett Square, Pa., U.S.A.
- 1937 *Fordham, A. J., A.S., "Gay Farm," Norwood, Mass., U.S.A.
 1957 Forster, R. R., Hort. Exp. Stn., Vineland Station, Ontario, Canada.
 1936 *Fossum, M., Truman, 221 East 59th Street, Apt. 5-C, New York, U.S.A.
 1940 Foster, L. J., M.Sc., Agric. Dept., Kuching, Sarawak, Malaysia.
 1946 Fraenkel, Miss E. R. (See Mrs. Gibson).
 1967 Frankland, S. V., Technical Assistant, c/o Leicester Parks Dept., Leicester.
 1926 Franklin, W., 13 Dawson Road, Stoke Green, Coventry, Warwicks.
 1936 Freeman, G. W. G., N.D.H., 2 Benton House Cottages, Worplesdon Hill, Woking, Surrey.
- 1926 *Fry, W. G., N.D.H., N.A.A.S., Silver Birches, Catisfield Road, Fareham, Hants.
 1956 Fugard, R. L., c/o Parks Dept., St. George Park, Port Elizabeth, South Africa.
 1918 Fuller, Miss E. (See Mrs. P. Snelling).
 1953 Fuller, G. M., 25 Victoria Road, New Plymouth, New Zealand.
 1938 Fysh, P., 8 The Goffs, Eastbourne, Sussex.
- 1962 Gabe, M., Park Lodge, Vulcan Road, Workington, Cumberland.
 1963 Gaggini, J. B., N.D.H., Holly Bushes, Birch Lane, Brentmore Road, West End, Woking, Surrey.
- 1932 Gale, E. W. B., N.D.H., S. of Parks, Poole, Dorset.
 1952 Galloway, I. D., City Parks Dept., Wellington, C.I., New Zealand.
 1907 Gammon, F. G., 30 Beechcroft Road, Oxford.
 1961 Ganney, G., N.D.H., Brickendonbury House, Hertford, Herts.
 1959 Gardner, G., 13 Cresswell Road, Twickenham.
 1912 Gardner, G. F., University Gardens, Bristol.
 1913 *Gardner, L. W., Chisholm Warehouse, P.O. Box 48, Fort Jameson, N.E. Rhodesia.
 1953 Garnett, J. B., 38 Princess Street, Woodlands, Doncaster, Yorks.
 1947 Garwood, T., 188 Campkin Road, North Arbury, Cambs.
 1967 Gaskin, G. M., c/o George G. Whitlegg, The Nurseries, Knockholt, Kent.
 1949 Gates, F., 12 Rose Hill, St. Blazey, Par, Cornwall.
 1964 Gatrell, Mrs. L. (Miss Tickner), 3 Precinct Road, Hayes, Middlesex.
 1961 Geddes, A., Mc., Dip.Hort., Rangiwai, Rangiwai Road, Titirangi, Auckland, New Zealand.
- 1953 Gibbons, J. E., 56 Warrington Road, Leigh, Lancs.
 1961 Gibbons, L., 56 Warrington Road, Leigh, Lancs.
 1946 Gibson, Mrs. (Miss E. R. Fraenkel), 2421 25A Street, S.W. Calgary, Alberta.
 1967 Giles, C. J., c/o 10 Amberley Road, North End, Portsmouth, Hants.
 1960 Gilkison, D. S., c/o Parks Dept., Civic Centre, Scunthorpe, Lincs.
 1923 Gill, B., Gills Nurseries, Penryn, Cornwall.
 1946 Gilmour, J. S. L., M.A., F.L.S., V.M.H. D., University B.G., Cambridge.
 1952 Gilmour, W. N. G., N.D.H., Deputy Manager, City of Sheffield Parks Dept., Sheffield.
- 1935 Glasheen, J. L., 123 Upper Woodcote Road, Caversham, Nr. Reading.
 1950 Glazebrook, A. K., 106 Coldershaw Road, Ealing, W.13.
 1914 *Glover, F., O.B.E., 6 Orchard Gardens, Westergate, Nr. Chichester, Sussex.
 1967 *Goddard, H. N., Technical Assistant, Eastbourne Parks Dept., Eastbourne, Sussex.
- 1928 Godseff, E. G., S. of Parks, Ivy Farm, Arrowe Park, Woodchurch, Birkenhead, Cheshire.
- 1966 Goodall, Sub.-Lt., J.P., R.N., H.M.S. Triumph, B.F.P.O. (Ships), London.
 1937 *Goldsack, F. G. A., N.D.H., Greystones, Leigh, Sherborne, Dorset.
 1931 Goldsmith, J. E., 12 Cranwick Hall, Lincoln.
 1956 Goodale, A. E. R., 37 Chessington Road, West Ewell, Surrey.
 1956 Goodall, J. P., 6 Compton Road, North End, Portsmouth, Hants.
 1964 Gooding, P. A., Blenheim Cottage, Blenheim Road, Bedford Park, London, W.4.
 1966 Gordon, C. E. B., 40 Burdon Terrace, Jesmond, Newcastle-upon-Tyne, 2.

- 1932 Gordon, J. D., c/o Elder Park, Glasgow.
- 1910 *Gould, A. R., 167 W. Rosemary Lane, Campbell, California, 95008, U.S.A.
- 1967 Graham, G. N., Inst.P.R.A., The Grotto, Lower Basildon, Reading, Berks.
- 1948 *Grant, E. A., The Lodge, Baylis Park, 45 Woodlands Avenue, Slough, Bucks.
- 1928 *Grant, J. G., 77 Tristram Drive, Creech St. Michael, Taunton, Somerset.
- 1917 Grant, Miss N., Craig Dunain Hospital, Inverness.
- 1897 Gray, P. J., Homeville, Ballymin Road, Glasnevin, Dublin.
- 1947 Greatrex, T. J., P.O. Box 660, Lusaka, North Rhodesia.
- 1925 *Greenaway, Dr. P. J., F.L.S., P.O. Box 20209, Nairobi, Kenya, East Africa.
- 1925 *Gregory, C. R. S., N.D.H., 6 Bishops Close, Llandaff, Cardiff.
- 1963 Griffin, M. J., East Lodge, Danson Park, Bexleyheath, Kent.
- 1964 Griffin, Mrs. M. J. (Miss Dennis), ditto.
- 1920 *Grout, G., Senegallia, Fort Jameson, N.E. Rhodesia.
- 1937 *Groves, G. R., O.B.E., A.H.R.H.S., Dept. of Agric., Paget East, Bermuda.
- 1932 Gunn, A. Findlay, 204 Oak Avenue, P.O. Broughton, Ferndale, Randburg, Transvaal, South Africa.
- 1961 Gunn, W. A. G., Johannesburg Park Dept., P.O. Box 2824, Johannesburg, Transvaal, South Africa.
- 1899 Gutteridge, H. E., Perran Bay Hotel, Perranporth, Cornwall.
- 1946 Hack, H. R. B., Kenana Res. Stn., Abu Na'Ama, Blue Nile Province, Sudan.
- 1931 Halik, R., Charles University, Prague, Czechoslovakia.
- 1954 Halhead, J., 89 Benhill Avenue, Sutton, Surrey.
- 1933 Hall, H., Kirstenbosch B.G., Newlands, Capetown, South Africa.
- 1955 Hamblett, N., 18 Wastdale Road, Baguley, Wythenshawe, Manchester.
- 1952 Hamblin, I. C., c/o Min. of Ag. Res. Inst., Tingeru, P.O. Box 3002, Arusha, Tanganyika.
- 1896 Hammarberg, L. M., Gotgatan 111, Stockholm, Sweden.
- 1932 Hammarberg, O. M., Gotgatan 111, Stockholm, Sweden.
- 1945 Hammond, Mrs. M., Myrtle Cottage, Castle Street, Porchester, Hants.
- 1936 Hampton, Miss N. (See Mrs. Beale).
- 1916 *Hansen, C. Bekker, c/o Soci t  du Nadal, Quelimane, Portuguese East Africa.
- 1920 †*Harcourt, F. G., O.B.E., Silver Birches, 111A Epsom Road, Guildford, Surrey.
- 1954 Hardie, R. M., Botanic Garden, Adelaide.
- 1960 Harding, L. J., Bungalow 35, Quebec Hall, Dereham, Norfolk.
- 1935 Hardman, R. E., c/o Municipal Parks, Bulawayo, S. Rhodesia.
- 1933 Harper, A. E., S., Westleigh, 10 Pembroke Gardens, Appleton Park, Warrington, Lancs.
- 1920 Harper, Miss E. M. (See Mrs. Ash).
- 1919 Harper, Miss K. M. (See Mrs. Bintner).
- 1964 Harrington, M. D., Aldon, 55 Park Hill Road, Otford, Sevenoaks, Kent.
- 1949 Harrington, P., c/o Parks Office, Lampton Park, Lampton Road, Hounslow, Middlesex.
- 1962 Harrison, R. T., N.D.H., 36 Fallowfield Road, Orchard Hill, Walsall, Staffs.
- 1962 Harrison, S. G., B.Sc., Keeper, Dept. of Botany, National Museum of Wales, Cardiff.
- 1965 Harris, D. S., c/o Blackpill Nurseries, Swansea.
- 1947 Harris, F. G., 4 Homelands Copse Cottages, Fernhurst, Nr. Haslemere, Surrey.
- 1899 *Harris, J. E., N., Blackpill Nurseries, Blackpill, Swansea, Glam.
- 1958 Hart, A., 2 Bicester Road, Richmond, Surrey.
- 1966 Hart, C., Tech. Adv., Pan Britannica Ind. Ltd., Waltham Cross, Herts.
- Hart, M., c/o Greenwich Parks Dept., Woolwich Town Hall, S.E.27.
- 1917 Hart, Miss R. (See Mrs. Jameson).
- 1951 Hart, Mrs. V. (Miss V. Hudson), 63 Exmouth Road, South Ruislip, Middlesex.
- 1956 Harvey, T. D., Plovers Hill, Strumpshaw, Norwich, NOR 722.
- 1946 Haskell, Miss J., The Rectory, Stoke Rochford, Nr. Grantham, Lincs.
- 1923 Hawkins, F., Min. of Agriculture (Research Division), Dar-es-Salaam, Tanganyika.
- 1925 *Hayes, T. R., M.Sc., A.I.T.C.A., c/o Limuru Girls School, Private Bag, P.O. Limuru, Kenya.
- 1950 Haywood, P. A., Cert.L.D.(U.C.L.), A.I.L.A., 5 Rowan Park, Quarry Lane, Christleton, Chester.
- 1950 Haywood, P. A., 20 Somerset Avenue, Chessington, Surrey.

- 1939 Hazelwood, F. E., 15 Ray Road, Epping, New South Wales, Australia.
- 1942 *Hearn, A., M.B.E., 38 Brakenfield Road, Gosforth, Newcastle-on-Tyne.
- 1947 *Hebden, F. J., N.D.H., F.I.P.A.(Dip.), c/o Commonwealth War Graves Comm., P.O.B. 3054, New Delhi 3, India.
- 1961 Heine, H. N., Dr. Med., Dr. rer. nat., F.L.S., Centre National de Florestique, Museum National d'Histoire Naturelle (Paris).
- 1964 Hellewell, J. D., 23 Defford Avenue, High Heath, Pelsall, Walsall, Staffs.
- 1948 *Helm, J. D., 68 King's Road, Llandudno.
- 1946 *Helmsing, Miss N. J. (See Mrs. Nelson).
- 1928 Hendon, L. C., Phear Park Lodge, Phear Park, Exmouth, South Devon.
- 1960 Henshaw, H., Horticulturist, Perth Parks Dept., Perth, W. Australia.
- 1937 *Heppell, J., 19 Westcliff Road, Ruskington, Sleaford, Lincs.
- 1951 Heughes, I. M., Supt. Parks and Allotments Dept., Aldridge Urban District Council, Staffs.
- 1949 Hey, G. E. W., Imperial War Graves Comm., Ypres, Belgium.
- 1954 Heyworth, J., 18 Market Place, Ramsbottom, Lancs.
- 1935 Hibbert, J. R., S., The Gardens, Gunnersbury Park, Acton, W.3.
- 1961 Hickman, N. C., 2 Leighill Nursery, East Carr Road, Saltshouse Road, Hull, Yorkshire.
- 1963 Higham, J. D., 26 Barker House, Ripon Road, Blurton, Stoke-on-Trent, Staffs.
- 1963 Higham, J. D., "Cromford," Gulls Way, Lower Heswell, Wirral, Cheshire.
- 1919 *Higgott, O. A., 108 Secor Road, Scarsdale, New York, U.S.A.
- 1930 Hildyard, H. C., S., 304 Linthorpe Road, Middlesbrough, Yorks.
- 1929 Hillier, Miss C. (See Mrs. Whibley).
- 1961 Hill, B., D.I.P.A., 251 Wigton Road, Carlisle, Cumberland.
- 1948 Himson, A., Buckland, Tasmania.
- 1948 *Himson, Mrs. (Miss P. Weston), ditto.
- 1956 Hind, H., D.I.P.A., "Wadenswil," Barnwill Lane, Cromford, Derbyshire.
- 1948 Hingston, J. A., N.D.H., S., 139 Tadcaster Road, York.
- 1949 Hingston, Mrs. (Miss J. Sharps), ditto.
- 1960 Hitchcock, A. G., c/o Registrar, University of Zambia, P.O. Box 2379, Lusaka, Zambia
- 1966 Hitchin, P. D. M., 6 West Side, Nunthorpe Village, Middlesbrough.
- 1955 Hitt, S. D., The Lodge, Haycombe Cemetery, Whiteway, Bath, Somerset.
- 1957 Hitt, Mrs. S. D. (Miss I. K. Bewley), ditto.
- 1925 Hockley, W. A., 19 Beresford Road, Chingford, Essex, E.4.
- 1946 Holcroft, Mrs. N. B. (Miss N. B. Rymer), 84 Woodward Avenue, Brampton, Ontario, Canada.
- 1937 *Hogg, R. D., M.B.E., A.H.R.H.S., Commonwealth War Graves Comm., via Cornelio, Celso 4, Rome, Italy.
- 1945 Holder, R. A. J., A.H.R.H.S., c/o Sutton Place Farm, Abinger Hammer, Dorking, Surrey.
- 1946 Hollis, D. C., Park House, Buckhold Road, Wandsworth, S.W.18.
- 1930 *Holloway, H. M., P.O. Box 1454, Snr. Dist. S. of Parks, City Council, Pretoria, South Africa.
- 1962 Holmes, D. H., 48 Pemberton Road, Admoston, Wellington, Shropshire.
- 1939 Holt, S., Britannia Nurseries, 34 Pedders Lane, Blackpool, Lancs.
- 1934 *Hoogstad, B. M. E., Silvergeiter, 130 Hart Nibbrigkade, Den Haag, Holland.
- 1936 *Hooper, E. G., Mount Pleasant, Trevu Road, Camborne, Cornwall.
- 1956 Hopkins, Miss A. D. S., N.D.H., 18 Park Road, Radlett, Herts.
- 1926 *Hopkins, A. J., 1 Orchard Close, Bishop Sutton, Bristol, Somerset.
- 1958 Horsfall, H. R., 1 Manor Way, Beckenham, Kent.
- 1928 Horton, D. E., N.A.A.S., 38 Tytton Lane West, Boston, Lincs.
- 1903 *Horton, O., The Old Barn, Trelleck Road, Nr. Monmouth.
- 1966 Howard, B. F., Asst. Lecturer, Salop C.C., Shrewsbury Hall, Shropshire.
- 1925 *Howell, W., F.L.S., D.I.P.A., 8 Nursery Close, Polegate, Sussex.
- 1966 Howes, F., D.Sc., 8 Nylands Avenue, Kew Gardens, Surrey.
- 1965 †*Hubbard, C. E., O.B.E., D.Sc., F.L.S., 51 Ormond Crescent, Hampton, Mdx.
- 1953 Hubbard, D., 39 Carmel Road, Darlington, Co. Durham.
- 1945 Hudson, R. A., 30 Oakwood Avenue, Boreham Wood, Elstree, Herts.
- 1951 Hudson, Miss V. (See Mrs. V. Hart).
- 1952 Huggett, P. C., N.D.H., "The Cricketers," Station Road, Ashwell, Herts.
- 1948 Hughes, J. C., Cary Court Hotel, Cary Avenue, Babbacombe, Torquay, Devon.

- 1961 Humphrey, B. E., N.D.H.(Hons.), Flat 2, Jermyns House, Jermyns Lane, Ampfield, Nr. Romsey, Hants.
- 1961 Humphrey, Mrs. B. (Miss J. L. Taylor), ditto.
- 1932 Hunt, H. J., 8 Salisbury Mansions, St. Ann's Road, Haringay, N.15
- 1967 Hutcheson, M., 14 Milburn Street, Falkirk, Stirlingshire, Scotland.
- 1917 *Hutchings, Miss A., 25 St. Leonards Road, Deal, Kent.
- 1948 *Hutchinson, J., LL.D., F.R.S., F.L.S., V.M.H., 4 Cumberland Close, St. Margaret's, Twickenham, Middlesex.
- 1913 Hutchinson, H., 3758 Garnett Street, Houston, 77005, Texas, U.S.A.
- 1964 Hyde Trutch, Miss J. A. (See Mrs. Popham).
- 1935 Hyland, G. A., S., D.Inst.P.A., D. Parks and Cem., 4 Norton Road, Hove 3, Sussex.
- 1952 Iddenden, J., 1318 Beech Street, Picayune, Mississippi, U.S.A.
- 1952 Ibbotson, D., 79 Capstone Road, Bournemouth, Hants.
- 1912 *Illman, G. F., P.O. Box 24860, Karen/Nairobi, Kenya.
- 1966 Ince, R., 47 Shay Lane, Crofton, Wakefield, Yorks.
- 1905 *Ing, W. J., 47 Second Street, Pequannock, New Jersey, U.S.A.
- 1948 Ison, J. H., The Bungalow, Whirlow Brook Park, Sheffield, 11.
- 1935 Ivey, A. W. J., 56 Erithway Road, Green Lane, Coventry.
- 1944 Jackson, Mrs. C. F. (Miss B. Cooper), 2 Essex Court, Temple, London, E.C.4.
- 1940 Jackson, Mrs. Clifford M. (Taylor), Ashcroft, Ridgeway Close, Reigate, Surrey.
- 1948 Jackson, F. A., c/o Parks Dept., Southern Area, Stoke-on-Trent.
- 1915 Jackson, P. C. E., 13 Newstead Avenue, Burbage, Nr. Hinckley, Leics.
- 1948 Jackson, R. M., 32 St. Hilda's Avenue, Ashford, Middlesex.
- 1905 Jackson, T., Agric. S., Bot. Station, St. Vincent, B.W.I.
- 1947 Jackson, T., 8 Cherry Crescent, Winsford, Cheshire.
- 1957 Jakobsen, P. R., Glamsdalen, 42 Glamsbjerg, Fyn, Denmark.
- 1936 James, E. B., 23 East Lodge, Brighton Road, Lancing, Sussex.
- 1945 James Mrs. G. (Wilford), Foxmount, Quedgley, Gloucestershire.
- 1955 James, V. R., Royal Bot. Gardens, Hope, Kingston 6, Jamaica.
- 1960 Jayman, T. N., Flat No. 2, Queens Park Road, Bolton, Lancs.
- 1961 Jayne, Fairman R., 52 Cumberland Circle, Asheville, N. Carolina, 28801, U.S.A.
- 1937 Jefferiss, A., The University, Reading, Berks.
- 1912 Jelinek, B., Institution "Svetla," Gross Meriritsh, Moravia, Czechoslovakia.
- 1940 Jenkins, J. P., Blackpool Gardens, Stoke Fleming, South Devon.
- 1912 *Jennings, A. J., 120 Canoebrook Parkway, Summit, New Jersey, U.S.A.
- 1942 Jensen, Mrs. E. M., 42 Park Avenue, Hounslow, Middlesex.
- 1908 *Jensen, L., Kildetoften, 30 Faaborg, Fyn, Denmark.
- 1955 Jew, P. J., 644 Mount Albert Road, Epsom, Auckland, New Zealand.
- 1962 Jewell, A. L., A.M.A., F.L.S., C., Haslemere Educational Museum, Haslemere, Surrey.
- 1912 Jirasek, H., Jardin des Plantes, Paris.
- 1960 Jobsen, J., 119 Middenstede, The Hague, Netherlands.
- 1949 Johnson, G., Cornwall Tech. College, Treverson, Pool, Redruth, Cornwall.
- 1960 Johnson, M. A., Pooh Corner, Shipston-on-Stow, Warwickshire.
- 1958 Johnson, R., 37 Park Street, Barrowford, Nr. Nelson, Lancs.
- 1937 Jollie, F. J. E., 114 Mountain Road, Epsom, Auckland, New Zealand.
- 1955 Jones, A. S., "Falklands," Maidstone Road, Boro' Green, Kent.
- 1923 Jones, C., 11 Meadow Way, Bilton, Harrogate, Yorkshire.
- 1930 *Jones, C. H., Box 803, Christchurch, New Zealand.
- 1966 Jones, J. E. M., c/o 27 Montem Lane, Slough, Bucks.
- 1956 Jones, J. H., Horticulturist, Dept. of Agric., Agric. Stn., Paget East, Bermuda.
- 1959 Jones, K. R., North Lodge, Norfolk Park, Granville Road, Sheffield 2.
- 1937 *Joy, C. A., 1 Doyne Road, Branksome, Parkstone, Poole, Dorset.
- 1946 Joy, G. S., Emmetts Lodge, Ide Hill, Sevenoaks, Kent.
- 1922 *Joy, Mrs. A. E. C. (Warner), Cleeve Cottage, Brasted, Chart, Nr. Westerham, Kent.
- 1940 Judge, Miss B. H., Min. of Fuel & Power, Room 619, Westminster 7, Millbank, S.W.1.
- 1965 Karani, W. J., P.O. Box 1258, Nairobi, Kenya.

- 1967 Keevil, A. R., c/o The Grotto, School of Park Admin., Lower Basildon, Nr. Reading Berks.
- 1937 Keith, R. H., 124 King Street, East Toronto, Ontario, Canada.
- 1956 Kemish, G., The North Pavilion, The Playing Fields, Enfield, Middlesex.
- 1926 Kemp, H. W., H.G., Queen Anne's School, Cavesham, Oxford.
- 1935 Kennelly, A. G., Dept. of Agriculture, Private Bag, Dunedin, New Zealand.
- 1960 Kerr, J. M., 98 Long Walk, Tattenham Corner, Epsom, Surrey.
- 1959 Kerr, R. T., N.D.H., The Lodge, Egerton Park, Bexhill-on-Sea, Sussex.
- 1964 Kilby, P., 5 Caernarvon Road, Southend-on-Sea.
- 1943 King, Miss E. B. (See Mrs. E. B. Brabin-Smith).
- 1966 Kingi, E. B., Municipal Council of Mombasa, P.O. Box 440, Mombasa, Kenya.
- 1913 Klaaborg, H. J., Gartneriet Langdallund, Kolding, Denmark.
- 1929 *Knight, F. P., V.M.H., F.L.S., D., R.H.S. Gardens, Wisley, Surrey.
- 1943 *Knight, Miss K. M., Boundary Nurseries, Hillingdon Heath, Middlesex.
- 1945 Knowlman, Miss B., Wayside, Wareham, Dorset.
- 1936 Koepf, K. (20A) Jeinsen N.R., 42 Unber Elze, Hanover Land, Germany.
- 1936 Koning, T. H., 57 Woltersweg, Hengelo (O), Holland.
- 1929 Korn, W. M., Inst. of Bot., Botanic Gardens, Leningrad, 22, U.S.S.R.
- 1946 *Kruger, H. J., S., Duffryn Gardens, Glamorgan, Wales.
- 1951 Kynnersley, L. A., Bulkeley Hall, Malpas, Cheshire.
- 1938 Lagoria, E., La Mortola, Ventimiglia, Italy.
- 1933 Lake, E., 36 Gledwood Crescent, Hayes, Middlesex.
- 1941 Laking, L. D., Royal Botanic Gardens, Box 399, Hamilton, Ontario, Canada.
- 1941 Laking, Mrs. B. M. (Tarver), 1064 Unsworth Avenue, Burlington, Ontario.
- 1936 Lancaster, A. P., S., Hort. Divn., P.W.D., New Delhi, India.
- 1919 Landau, Miss M., Prejzdz., 36, Lodz, Poland.
- 1937 *Langham, H. G., N.D.H., F.L.S., Orchard Heights, Green Lane, Churt, Surrey.
- 1939 Lannie, L., S. of Reserves, Reserves Dept., Nelson Park, Napier, New Zealand.
- 1949 *Lavender, F. R., 10 Selwyn Road, Gorleston-on-Sea, Great Yarmouth, Norfolk.
- 1901 †*Lavender, W. L., A.H.R.H.S., 40 Kilmorey Gardens, St. Margarets, Twickenham, Middlesex.
- 1924 †*Lawrence, W. J. C., O.B.E., V.M.H., F.Inst.Biol., 5 Rabbling Road, Swanage, Dorset.
- 1927 *Lawson, J., C., Parks & Gardens, State Electricity Comm., Yallourn, Victoria, Australia.
- 1963 Leaver, G., 18 Long Lane, Orford, Warrington, Lancs.
- 1931 *Lee, L. A., Hillside Nurseries, Top of Hillside, Salisbury, S. Rhodesia.
- 1965 Lee, M., 105 Newgate Street, Morpeth, Northumberland.
- 1922 *Lees, Mrs. S. T. (Burrell), Woodmans, Burwash, Sussex.
- 1950 Lees, S., Registrar, Hollinwood Cemetery, Oldham, Lancs.
- 1933 Leigh, D. H., S., Parks and Reserves, Nelson, New Zealand.
- 1937 *Leith, G. J., Flat 1, The Library, Rose Hill, Hampton, Middlesex.
- 1945 Letch, Mrs. A. J. (Evans), The Old School, Bradwell, Nr. Braintree, Essex.
- 1941 *Lewis, J., N.D.H.(N.Z.), Homestead Cottages, 38 Water End, Clifton, York.
- 1957 *Lewis, J. B.Sc., F.L.S., 23 The Avenue, Kew Gardens, Richmond, Surrey.
- 1964 Lewis, W., Assistant, East Malling Research Station, East Malling, Kent.
- 1948 Liebich, Mrs. I. (Rzadkowska), 3465 Cole des Neiges, Apt. 41, Montreal, Canada.
- 1948 Lingard, H. M., H.G., Ashridge College, Berkhamsted, Herts.
- 1962 Linnegar, S., 1 New Road, Ruscombe, Twyford, Berks.
- 1952 Littlewood, G., 177 Chesterfield Road, Matlock, Derbyshire.
- 1927 *Lock, J. H., "Meadow View," Broad Layings, Woolton Hill, Newbury, Berks.
- 1948 Lockley, R. E., 20 Heather Close, Thurston, Nr. Bury St. Edmunds, Suffolk.
- 1931 Lomas, T., 18 Byron Gardens, Carshalton, Sutton, Surrey.
- 1930 Lorenzi, O., La Mortola, Ventimiglia, Italy.
- 1940 *Lothian, T. R. N., O.B.E., N.D.H.(N.Z.), D., B.G., Adelaide, Australia.
- 1948 Lovatt, D. W., 74 Norway Drive, Slough, Bucks.
- 1961 Lowe, B. E., 52 Tanners Lane, Barkingside, Ilford, Essex.
- 1961 Low, J. J. D., c/o Reserves Dept., Nelson Park, Napier, New Zealand.
- 1964 Low, Mrs. S. K. (Miss S. K. Walton), ditto.
- 1955 Lucas, J. A., Efford Experimental Stn., Lymington, Hants.
- 1925 Luff, C. E. E., c/o Westonbirt Arboretum, Nr. Tetbury, Glos.

- 1960 Lycett, K. M., P.O. Box 2268, Ndola, Zambia.
 1966 Lycett, R., 86 Hall Street, Cambridge, Waikato, New Zealand.
- 1963 MacArthur, A. D., c/o P.O. Box 2081, Tauranga South, New Zealand.
 1939 MacCartney, F. M., Route 1, Box 587, Turner, Oregon, 97392, U.S.A.
 1951 MacGuffog, D., S., 1A Old Orchard Road, Eastbourne, Sussex.
 1938 *Mackanness, F. G., c/o Portland Gen. Elect. Com., 621 S.W. Alder Street, Portland 5, Oregon.
- 1934 Mackenzie, J. G. C., 615 Tomoana Road, Hastings, New Zealand.
 1942 Mackinnon, F. H., 74 Grantham Road, London, S.W.9.
 1925 *Mackintosh, J. J., S., Park Cottage, Delapsee, Northampton.
 1919 *Madan, Miss H. P. (See Mrs. Wood).
 1963 Maddox, J. A., 12 Barnard Gardens, Hayes, Middlesex.
 1910 †*Maitland, T. D., M.B.E., A.H.R.H.S., Flat 50, Morpeth Mansions, Morpeth Terrace, Victoria, S.W.1.
- 1948 Mahon, L. J., 2 Boundary Road, Port Sunlight, Cheshire.
 1955 Manger, G. L., 2 Rookery Cottage, Studley College, Studley, Warwickshire.
 1930 Mann, J. A., D., Newcastle Parks Dept., Newcastle.
 1938 Mansell, P. W., "Meliden," Queens Road, Teddington, Middlesex.
 1950 Marden, J. A., 250 Ladyshot, Harlow, Essex.
 1961 Marshall, H. S., M.B.E., F.L.S., 14 Holly Road, Stanway, Colchester, Essex.
 1964 Marshall, R., 5 Hudson Close, Sturry, Nr. Canterbury, Kent.
 1958 Marshall, W., S., 47 Sandwich Road, St. Neots, Hunts.
 1942 *Martin, Mrs., J.P. (Miss C. O. Bell), 55 Old Castle Road, Weymouth.
 1919 *Mash, Miss J. (See Mrs. Flack).
 1963 Mason, C. D.
 1933 Mason, R. H., 62 Horn Lane, Woodford Green, Essex.
 1922 *Mason, R. E., 43 Swail House, Ashley Road, Epsom, Surrey.
 1962 Matthews, T., F.L.S., 2 Berkley Avenue, Axwell Park, Blaydon-on-Tyne, Co. Durham.
- 1943 Maunder, F. G., The Cemetery, St. Peter's Road, Bury, Lancs.
 1954 Maunder, P., N.D.H., F.Inst.P.A.(Dip.), Dip.Arb., The Farmhouse, Burrfields Road, Great Salterns, Portsmouth.
- 1919 Maxted, Miss M., La Rochelle, Guernsey.
 1935 May, J. E., Park Lodge, South Park, Ilford, Essex.
 1930 Mayne, H. F., 68 Victoria Road, Hale, Cheshire.
 1948 McCartan, J., S., The Bungalow, Coronation Gardens, Rhyl, Flints.
 1936 McCormack, P. F., D.I.P.A., The Bridge, Ibbotsons Lane, Sefton Park, Liverpool, 17.
- 1957 McCracken, J. S., West Lodge, Botanic Gardens, Glasgow, W.2.
 1929 McCreadie, K., N.D.H., Chief Parks Officer, Civic Centre, Southend-on-Sea, Essex.
- 1844 *McCulloch, Mrs. E. (Thompson), 117 Edgworth David Avenue, Gwahroonda, N.S.W., Australia.
- 1960 McDowell, C. I., 35 Fitzroy Road, New Plymouth, Taranti, New Zealand.
 1935 McKenzie, W. W., F.I.P.A., J.P., 12 Mitchell Street, Kilmarnock, Ayrshire.
 1952 McLachlan, D. D., "Kanturk," Brant Road, Lincoln.
 1952 McLachlan, P. A., 3501 Newark Street, N.W., Washington 16, D.C., U.S.A.
 1966 McLaughlin, O. D., Dept. of Agric., Paget East, Bermuda.
 1928 *McMillan, R. C., M.B.E., A.H.R.H.S., P.P.Inst.P.A., D., Parks Dept., Cumberland House, Crown Square, Manchester 3.
- 1911 McNab, J., 9 Coniscliffe Road, New Park Estate, Palmers Green, N.13.
 1924 *McPherson, J. A., N.D.H.(N.Z.), S. of Parks, Auckland, New Zealand.
 1948 Medcalf, J. G., N.D.H., D.I.P.A., 51 Chippingfield, Harlow, Essex.
 1947 Meherne, C. D., "Omanu," Upper Clifton Terrace, Sumner, New Zealand.
 1916 Meili, K., St. Karlstr., 34 Lucerne, Switzerland.
 1915 *Melles, A. B., M.B.E., N.D.H., Flat 1, St. Marks House, St. Marks Avenue, Salisbury, Wilts.
- 1950 Melles, A. M., 102 Great Knightleys, Basildon, Essex.
 1952 Mellors, G., 14 St. George Street, Hanover Square, London, W.1.
 1893 Merigeo, Marie, 4 Rue de l'Observatoire, Paris.
 1916 Merryweather, Miss M. E. (See Mrs. Suckling.)
 1957 Messenger, G. W., 11 Mere Close, Great Barton, Bury St. Edmunds, Suffolk.

- 1946 Middleton, J., The Limes, Park Road, Isleworth, Middlesex.
 1942 Milburn, Miss P. M. K. (See Mrs. F. Brooks Purchas).
 1909 *Miles, A. C., "Minafon," Betws Cormon, Caernarvon.
 1916 Miles, Sergt. S. H., Hill House, Little London, Nr. Basingstoke, Hants.
 1957 Millard, R., c/o Llandaff Technical College, Western Avenue, Cardiff, S. Wales.
 1945 Miller, Miss E. M., Periton Farm House, Muirhead, Som.
 1958 Mills, L. C. R., 50 Alexandra Road, London, N.W.8.
 1913 *Milsum, J. N., O.B.E., F.L.S., Grays, Tilford, Farnham, Surrey.
 1950 Milton, G., Parks Dept., Clacton-on-Sea, Essex.
 1963 Mitchell, A. J., The Lodge, Brookdale Park, Newton Heath, Manchester 10.
 1966 Mitchell J., 4 Gladstone Avenue, Mosmon, N.S.W. 2088 Sydney, Australia.
 1947 Mitchelmore, C. J., N.D.H., Celyn Hort. Inst. Northop, Flintshire.
 1956 Moore, D. J., P.O. Box 108, Hamilton, Bermuda.
 1930 Moore, R. E., Municipal B.G., Cape Town, South Africa.
 1930 Moran, B. J. J., M.B.E., Ilex, Bulls Green, Knebworth, Herts.
 1946 Morrissey, Miss S., B.Sc., 7 Ashburnham Road, Chelsea, S.W.10.
 1946 Mase Holland, Miss E. (See Mrs. E. M. Wakefield).
 1935 Mottier, P., Avenue Leopold-Robert 83, La-Chaux-de-Fonds, Switzerland.
 1937 *Mowforth, R. K., N.D.H., The Farm Institute, Rodbaston, Penkridge, Staffs.
 1956 Müller, T. C., Alexandra Park Bot. Gar., P.O. Box 1800, Causeway, Salisbury, Rhodesia.
 1934 Mullins A. T., Pembroke Lodge, Richmond Park, Richmond, Surrey.
 Murden, J. A., 38 Cardigan Drive, Bury, Lancs.
 1954 Murden, R., Miniver Crescent, Aspley E.S., Nottingham.
 1904 Murphy, J., H.G., Huntingdon Castle, Clonegal, Co. Wexford, Eire.
 1966 Mwangi, J., Nairobi Parks Dept., Nairobi, Kenya.
 1967 Nash, B. A., The Grotto, School of Park Admin., Lower Basildon, Nr. Reading, Berks.
 1902 *Navel, H. D., Jardin Botanique, Metz, France.
 1951 Naylor, G. T., Lochaline, Gypsy Lane, Lianfoist, Abergavenny, Mons.
 1967 Nau, Miss J. (See Mrs. Scarr).
 1957 Neighbour, E. C., 59 Caverswall Lane, Meir, Stoke-on-Trent, Staffs.
 1928 *Nelmes, W., M.B.E., A.H.R.H.S., F.I.P.A., D. of Parks, Roath Park House, Ninian Road, Cardiff.
 1945 Nelson, J., S., The Lodge, Acton Park, The Vale, Acton, Middlesex.
 1946 *Nelson Mrs. J. (Helmsing), The Lodge, Acton Park, The Vale, Acton, Middx.
 1907 *Newell, W., 1825 Regent Street, Madison 5, Wisconsin, U.S.A.
 1950 Newhams, D., c/o Parks Dept., Neath, Glam.
 1924 *Newman, C. A. S., Clovelly Cottage, Lampton Road, Hounslow, Middx.
 1950 Newton, D. M. (See Mrs. Pringle).
 1958 Nicholson, Mrs. R. A. (née Floyer), c/o Summerhill, 5 Ashes, Nr. Mayfield, Sussex.
 1925 *Nisbett, E. I., Dazell Village Way, Little Chalfont, Amersham, Bucks.
 1946 *Norris, J. L., Commonwealth War Graves Comm., Southern Region, via Cornelio, Celso 4, Rome.
 1948 North, F. G., 39 Parkfield Avenue, Hampden Park, Eastbourne, Sussex.
 Nutt, P. A., Rural District 2, Hamorton, Kennett Square, Pennsylvania, P.A. 19348, U.S.A.
 1960 Obi, J. A., Plant Introduction Service, Federal Agr. Research, P.M.B. 5042, Ibadan, Nigeria.
 1921 O'Brien, Mrs. C. P. (Rolfe), 113, 10th Avenue, N.W. Calgary, B.C., Canada.
 1966 O'Connor, J., Wolverhampton Teachers' Training College, Wolverhampton.
 1937 Offley, J., 86 The Alders, Heston, Hounslow, Middx.
 1952 Offord, K. A. Cornerways, 5 Larchwood Close, Hadley Road, Ipswich.
 1902 *Oliver, A. E., 17 Gibson Park Gardens, Cregagh, Belfast 6.
 1927 Orchard, O. B., "Orwinton," New Road, Broxbourne, Herts.
 1952 O'Reilly, M., 2 Dalton Avenue, Bewsey, Warrington.
 1928 Ovenden, S. F., Parks Dept., The Lodge, Dane Park, Margate, Kent.
 1958 Overeynder, H., Yew Tree Cottage, Oxford Road, Donnington, Newbury, Berks.
 1965 Overland, F. A., 900 Rochdale Road, Blackleg, Manchester 9.
 1929 Page, G. W., Wrights Nurseries, Pangbourne, Berks.

- 1938 Page, P. W., c/o Parks Dept., Box 2824, Johannesburg, S.A.
 1949 Palmer, W., 25 Wear Bay Crescent, Folkestone, Kent.
 1907 *Papsdorf, P. J., 1138 Yuill Street, Medicine Hat, Alberta, Canada.
 1952 Parker, F., The Lodge, 28 Bath Road, Salt Hill Park, Slough, Bucks.
 1952 Parker, H., Cwmndonkin Park House, 70 Penlan Crescent, Uplands, Swansea, Glam.
 1959 Parkin, Miss M. E., Greenhouse Supervisor, Wascana Centre Authority, Regina, Saskatchewan, Canada.
 1947 Parmentier, W. H., 7 New Street, St. Annes, Alderney, C.I.
 1949 *Parsons, C. R., The Holding, Shrimpney, Nr. Bognor Regis, Sussex.
 1913 *Parsons, T. H., O.B.E., F.L.S., 175 Alberta Avenue, Cheam, Surrey.
 1958 Paterson, A. P., N.D.H., Training College—Lecturer, Rural Science, Culham Training College, Abingdon, Berks.
 1901 Patterson, W. H., M.B.E., St. Paul's Cathedral, Box 14123, Mengo, Uganda.
 1926 Patton, H. S., S., Parks, Lloyd Park, Forest Road, Walthamstow, E.17.
 1964 Pead, C. B., 6 Wellmeadow Road, Hanwell, W.7.
 1960 Pearce, D. G., T.A., Smethwick Park, Cemeteries and Allotments Dept., Greater London.
 1933 *Pearce, W., Wallend Farm House, Isle of Grain, Rochester, Kent.
 1965 Pearson, D. J., 7 Knayton Grove, Fairfield, Stockton-on-Tees, C. Durham.
 1959 Pedley, A., D.I.P.A., The Flat, Hoblingwell Wood, Recreation Ground, Leeson Way, St. Paul's Cray, Orpington, Kent.
 1967 Penberthy, B., Bath Teachers' Training College, Bath, Somerset.
 1950 Perkins, B. L., F.L.S., Asst. Parks Supt., Nairobi City Council, P.O. Box 30075, Nairobi, Kenya.
 1925 Perkins, H. A. T., Florist, 748 Stratford Road, Sparkhill, Birmingham, 11.
 1940 *Pettigrew, Capt. A. H., S., Park House, Lavender Road, Worcester.
 1960 Pierce, A., N.D.H., Ronoel, 1st Ave., Cavendish Heights, Devonshire, Bermuda.
 1964 Pierce, D. N., 28 West Hall Road, Richmond, Surrey.
 1908 Pieris, W. I., Rubber Research Scheme, Culloden, Neboda, Ceylon.
 1933 Pinnion, W. S., 42 High Road, West Felixstowe, Suffolk.
 1960 Pitcher, B. F., 11 Crestbrook Place, Palmers Green, London, N.13.
 1942 *Plummer, Miss E. (See Mrs. Melville Towers).
 1964 Popham, C., Gardens Dept., University of Essex, Wivenhoe Park, Colchester, Essex.
 1964 Popham, Mrs. J. A. (Miss Hyde Trutch), ditto.
 1959 Porter, A. J., 12 Wisterdale Close, Wistaston, Nr. Crewe, Cheshire.
 1930 *Porter, W., 30 Rockstone Road, Bassett, Southampton.
 1928 *Poulter, C. G. W., D. of Parks, 38 Dumbreck Road, Ibrox, Glasgow, S.1.
 1958 Powell, C. V., 5 Thornhill Road, Surbiton, Surrey.
 1957 Powell, M. C., B.Sc., Ph.D., Les Rosier, Doyle Road, St. Peter Port, Guernsey.
 1937 Poy, A. L., 14 Rue des lices, Blois, L. et Ch., France.
 1962 Preston, W. T., April Cottage, Walmer Gardens, Ealing, W.13.
 1949 Price, J., "Greenbank," Sully Road, Penarth, Glam., CF62, TX.
 1906 †Pring, G. H., S., 4467 Magnolia Avenue, Missouri, U.S.A.
 1967 Pring, Miss G. M., 24 Shaftesbury Road, Richmond, Surrey.
 1956 Pringle, D. J., Parks Dept., Nairobi City Council, P.O. Box 30075, Nairobi, Kenya.
 1956 Pringle, Mrs. D. (Miss D. M. Newton). Address as above.
 1941 Prior, W. D. H., 339 Whitton Dene, Isleworth, Middlesex.
 1925 *Pritchard, W. B., 18 Carmen Silva Road, Llandudno.
 1957 Prive, A. E., 12 Bis Avenue, Outribon, Vilomomble, Seine, France.
 1937 *Prockter, N. J., c/o "Amateur Gardening," 2-10 Tavistock Street, Covent Garden, London, W.C.2.
 1937 Prolluis, Karl, Vichels, Post Neristad (Dosse), Germany.
 1938 Prosser, L. N., Director of Parks, St. George's Park, Port Elizabeth, S.A.
 1906 *Proudlock, A. W., Kent Cottage, Bamburgh, Northumberland.
 1946 Puddle, C. E., M.B.E., V.M.H., Bodnant Cottage, Tal-y-Cafn, Denbighshire, Wales.
 1942 Purchas, Mrs. F. Brooks (Milburn), The Thatched House, Roundwood Lane, Haywards Heath, Sussex.
 1908 Pyman, G. W., 472 Pinner Road, Pinner, Middlesex.
 1944 Plymont, E. W., Prospect House, Nottswood Hill, Blaisdon, Glos.

- 1906 Race, A., Harewood Nurseries, Darlington, Durham.
 1963 Rahman, F. U., c/o Royal Botanic Gardens, Kew, Surrey.
 1962 Rainey, J. M.C., 33 Diamond Gardens, Finaghy, Belfast.
 1963 Ralston, D., Castle Harbour Hotel, Bermuda.
 Ramsbottom, Miss M., 34 Ennerdale Road, Kew, Richmond, Surrey.
 1964 Ranasinha, G. O. W., 95 Udamadapotha Road, Asgiriya, Kandy, Ceylon.
 1925 Ransom, D. H., The Myrtles, Rue de Maupertuis, St. Clement, Jersey, C.I.
 1959 Ransom, D. P., as for Ransom, D. H., 1925.
 1951 Rattenbury, H. C. P., 36 Bodiam Road, Ipswich, Suffolk.
 1951 Ravenscroft, A., High Westcliff, Beverley, Pateley Bridge, Nr. Harrogate, Yorks.
 1906 Renton, J. S., Provincial Nurseries, Essondale, B.C.
 1941 *Redman, J., N.D.H., Royal Bot. Gdns., Box 399, Hamilton, Ontario.
 1955 Riach, D., D.S., Supt., Parks and Recs., Parks House, Dixon Street, Mastertor,
 New Zealand.
 1967 Rich, A., Inst.P.R.A., The Grotto, Lower Basildon, Bedfordshire.
 1949 Richardson, C. L., D.I.P.A., Deputy Parks Supt., c/o Parks Dept., Cheltenham.
 1906 *Riebe, H. F., Apt, 420 Wyncote House, Wyncote, Pennsylvania, U.S.A.
 Rippon, A. V., 567 Moore Road, Durban, South Africa.
 1958 Risely, T. R., N.D.H., D.I.P.A., 1 Harvey Road, Dunstable, Bedfordshire.
 1936 Robbie, I. R. S., Cemetery Lodge, Castle Road, Wellingborough, Northants.
 1927 *Robbie, J., "El Geneina," William Street, Torphins, Aberdeenshire.
 1954 Roberts, M. S. F., 50 Littlepark Avenue, Bedhampton, Havant, Hants.
 1928 Roberts, S. J., S. of Parks, Parc Howard, Llanelly, South Wales.
 1923 Roberts, W., 53 Eastridge Way, Tonbridge, Kent.
 1922 Robertshaw, P., 80 Chelsea Drive, Durban North, Natal, South Africa.
 1937 †*Robinson, G. W., V.M.H., A.H.R.H.S., A.L.S., M.A., 17 Knoll Drive, Styvechale,
 Coventry.
 1931 Robinson, J. A., M., Leicester Parks Dept., Nurseries, Rotherby, Nr. Melton
 Mowbray, Leicestershire.
 1965 Robinson, K., c/o Manchester Parks Dept., Town Hall, Manchester 2.
 Robinson, N. K. B., Ph.D., F.L.S., Dept. of Botany, Brit. Mus., Cromwell Road,
 Kensington, S.W.7.
 Robson, N. K. B., B.Sc., Ph.D., F.L.S., c/o Brit. Mus., Bot. Dept., Cromwell
 Road, S.W.7.
 Rockwell, Miss G. D. (See Mrs. Sheat).
 1948 Rodick, P. W., 44 Davids Drive, Wingerworth, Derbyshire.
 1948 Rodick, R. S., 2 Boundary Drive, Hunts Cross, Liverpool 25.
 1956 Rogers, W. M., 14 Crummer Road, Grey Lynn, Auckland, New Zealand.
 1951 Rodway, F. G., B.G., Glasgow, W.2.
 1937 Rolf, S. B., Ljungbyhed, Sconia, Sweden.
 1948 Rolls, E. V. H., A.I.L.A., A.Inst.P.R.A., "Summerlea," Breach Hill, Chew
 Stoke, Nr. Bristol.
 1939 *Ronco, L., Bordighera Piani, Borghetto, Italy.
 1958 Rooke, I. G., 97 Grove Road, Rayleigh, Essex.
 1965 Roome, C. W., 8 Bryn Hir, Cwmbach, Aberdore, Glam.
 1963 Rose, A. J., A.Inst.P.R.A. (Dip.), 69 Manor Road, Richmond, Surrey.
 1934 *Rose, W. A., Colonial Research Inst., Freeport, Grand Bahama, Bahamas.
 1938 Rottgardt, K. H., Staatliche Botanischer Garten, Hamburg, 36, Germany.
 1961 Rover, Miss H. (Mrs. Self), 57 Priory Gardens, Highgate, London, N.6.
 1920 Ruck, E. A., 48 Burns Way, Heston, Middlesex.
 1930 *Rudd, C. W., A.H.R.H.S., D.I.P.A., 7 Crescent Rise, Wood Green, N.22.
 1936 Rudge, H. C., Parks Dept., Birmingham.
 1922 *Rudolf, Miss O. (See Mrs. Davis).
 1932 *Rumsey, R. H., Nurseryman, Old Northern Road, Glenorie, N.S.W., Australia.
 1906 *Russell, P. T., Sunbeam House, Long Hanborough, Oxon.
 1967 Russell, T. A., Allahabad Agric. Inst., P.O. Agric. Inst., Allahabad V.P., India.
 1928 *Rutter, W. G., H.G., University Gardens, Edgbaston, Birmingham 15.
 1935 Ruyter, B. J. de, 96 Tuinstraat, Tilling, Holland.
 1957 Ryder, F. P., 144 Petersham Road, Richmond, Surrey.
 1946 Rymer, Miss N. B. (See Mrs. Holcroft).
 1948 Rzakowolska, Miss I. (See Mrs. Liebich).
 1958 Sales, D., N.D.H., 11 Aldeburgh Way, Springfield, Chelmsford, Essex.

- 1957 †*Salisbury, Sir Ed., C.B.E., D.Sc., F.R.S., Croindere, Strandway, Felpham, Bognor Regis, Sussex.
- 1964 Salter, B. J., Upper Garage Flat, "Heathfield," Coombe Lane, Croydon, Surrey.
- 1946 Sampson, Miss J., 8 Kingston Road, Oxford.
- 1949 Sanders, Miss I., 30 McDougall Court, North Road, Richmond, Surrey.
- 1912 †*Sargeant, T., 3 Egley Drive, Mayford, Nr. Woking, Surrey.
- 1950 Saunders, Miss B. J., 40 Cowley Road, London, S.W.14.
- 1951 Saville, B. R., c/o Llandaff Tech. College, Western Avenue, Cardiff, S. Wales.
- 1923 Saville, D., 6 Ennerdale Road, Kew Gardens, Richmond, Surrey.
- 1924 *Sayer, H. W., 60 Millfield Lane, Nether Poppleton, York.
- 1962 Sayers, C. D., 29 Markville Gardens, Caterham, Surrey.
- 1940 Sayers, D. W., 94 Potters Lane, Burgess Hill, Sussex.
- 1967 Saxon, E., H.G., c/o Telscombe Manor, Telscombe Village, Sussex.
- 1960 Scales, K. W., 27 Love Lane, Pontifract, Yorkshire.
- 1967 Scarr, E., c/o Port Elizabeth Parks Dept., Port Elizabeth, South Africa.
- 1967 Scarr, Mrs. (Miss J. Nau), ditto.
- 1958 Sceats, Mrs. (Miss A. D. Dunk), 29 Wilmington Avenue, Chiswick, W.4.
- 1910 *Schön, J., N., Florida, F.C.C.A., Ibanez, 2566, Argentina.
- 1945 Scott, Miss C. (See Mrs. Bundy).
- 1951 Scott, G. S. G., D., Tennessee Bot. Gar., Checkwood, Nashville 5, Tennessee.
- 1922 *Scott, W. C., 12 Old Bristol Road, Worle, Weston-super-Mare, Somerset.
- 1902 Seaborne, R. S., Penrhas Gardens, Exeter Road, Dawlish, South Devon.
- 1955 Seager, T. J., Alexandra Park, Oldham, Lancashire.
- 1923 Semple, J. A., 82 Beechwood Road, Wellesley, Mass., U.S.A.
- 1949 *Senogles, F., Matthew Arnold School, Cumner Hill, Oxford.
- 1928 *Shambrook, C. E. W., S., Parks Dept., The Arboretum, Monks' Road, Lincoln.
- 1913 *Sharpe, Major H. B., C.B.E., Ndaragwa, Kenya, East Africa.
- 1944 Sharps, Miss F. A. (See Mrs. Ashby).
- 1949 Sharps, Miss J. (See Mrs. Hingston).
- 1938 Shaw, F., N.D.H., Hort. Officer, Shire Hall, Cambridge, and 12 Warren Road.
- 1957 Shea, J. O., 2 Ferring Close, South Harrow, Harrow, Middlesex.
- 1955 Shepherd, C. E. T., 32 Tenbury Road, Kings Heath, Birmingham, 14.
- 1940 Shepherd, Miss B. N. (See Mrs. Cramer).
- 1953 Shepherd, M. W., 23 Denmark Road, Exeter, Devon.
- Sherk, L. C., 173 Knoll Street, Port Colborne, Ontario, Canada.
- 1936 Shewan, H. T., Dept. of Horticulture, Asamankere, Gold Coast, West Africa.
- 1903 Sholz, Sgz. Hengrk, Bytom, Ulica I-go, Maja, Mieszki 17, Poland.
- 1940 *Short, J. G., Curator, Victoria University, Wellington, New Zealand.
- 1952 Sieben, J. R., Supt. of Parks, Box 49, Queenstown, Cape Province, S. Africa.
- 1937 Simmonds, F. L., 10 The Chase, Holland-on-Sea, Essex.
- 1919 *Simond, R., Hospital, Cortaillod, Neuchâtel, Switzerland.
- 1937 Simpson, A. J., 244 Custlefield Avenue, Toronto, 12, Ontario, Canada.
- 1946 Sivyver, G. R., 30 Claygate Lane, Esher, Surrey.
- 1948 *Slade, W. J., H.G., Napsbury Hospital, Nr. St. Albans, Herts. (North Lodge.)
- 1929 Slinger, L., Donard Nursery Co., Newcastle, Co. Down, N. Ireland.
- 1954 Smalley, E., Old Surrey Hall, East Grinstead, Sussex.
- 1967 Smith, A. R., c/o The Grotto, Lower Basildon, Nr. Reading, Berks.
- 1920 Smith, E. J., 17 Gamble Park, Spamount, Castlederg, Co. Tyrone, N. Ireland.
- 1959 Smith, G. D., 110 Boswell Avenue, Mondeor, Transvaal, South Africa.
- 1953 Smith, I. L., B.L.A., Landscape Architect, 117 De Flandre Preville, P.Q., Canada.
- 1963 Smith, J. D. H., Tresco Abbey Gardens, Isles of Scilly, Cornwall.
- 1930 *Smith, J., F.Z.S., 21 Blendon Drive, Bexley, Kent.
- 1933 Smith, James W., S., Public Parks, Cheltenham, Glos.
- 1945 Smith, Mrs. M. C., B.Sc., N.D.H. (Cowell), c/o Agronomy Dept., Univ. of New England, Armidale, N.S.W.
- 1949 Smith, W. S., Red Hall Nursery, Leeds City Parks Dept., Chadwell, Leeds, Yorks.
- 1911 *Snowden, J. D., F.L.S., "Mirembe," 19 Vectis Road, Barton-on-Sea, New Milton, Hants.
- 1964 *Souster, J. E. S., N.D.H., F.L.S., c/o The Old Vicarage, Moulsoford, Wallingford, Berkshire.
- 1945 *Souster, Mrs. (Miss R. M. Ambrose), 27 Holmlea Road, Goring-on-Thames, Reading.
- 1919 *Sparrow, Sqd.Ldr., Rtrd., J.W., M.M., 9 Church Street, Beckington, Somerset.

- 1964 Spate, G., 12 Lucknow Road, Willenhall, Staffordshire.
 1944 Speake, Miss M. (See Mrs. Werner).
 1901 †* Spooner, H., 43 Highbury Avenue, Prestatyn, Flintshire, North Wales.
 1946 Sprague, Mrs. T. A., B.A., F.L.S., 7 Hatherley Road, Cheltenham, Glos.
 1966 Sprunger, S., Starenstrasse 41, Basel 4000, Switzerland.
 1924 *Squibbs, F. L., 590 Newmarket Road, Cambridge.
 1942 Squire, Mrs. M. W. (Tanner), 28 Colston Road, East Sheen, S.W.14.
 1939 Stanion, R. O., Director, Nottingham Parks Dept., Nottingham.
 1903 *Stayner, Major F. J., Temeraire, Mashaba, Southern Rhodesia.
 1934 Stayner, F. J., C., Karov Gardens, P.O. Worcester, C.P., South Africa.
 1945 *Stent, Miss H. J. (See Mrs. Albert).
 1908 *Stirling, E., Danelachan, Colliston, Nr. Arbroath, Scotland.
 1908 *Stock, C. R., P.P.Inst.P.A., 14 The Mead, Beckenham, Kent.
 1953 Stone, C., 87 Crescent Road, Toronto, Ontario, Canada.
 1950 Stone, G. E., Aureol Tob. Coy. Ltd., P.O. Box 569, Freetown, Sierra Leone, West Africa.
 1932 Stonebridge, G. W., 24 Walterbush Road, Chipping Norton, Oxon.
 1959 Storer, D. T. M., 4 Cherry Tree Gardens, Whitley Bay, Northumberland.
 1952 Storey, W. E., 88 Latchmore Road, Kingston, Surrey.
 1948 Straughan, R. E., N.D.H., Derbyshire Agriculture College, Morley, Nr. Derby.
 1958 Strabel, J. F., c/o Parks Dept., 79 Ferens Way, Hull, Yorkshire.
 1930 Studley, E. W., F.I.P.A., A.H.R.H.S., D. of Parks, Alexandra Park, Portsmouth, Hants.
 1916 *Suckling, Mrs. M. E. (Merryweather), Messrs. Merryweather, "The Gables," Southwell, Nottinghamshire.
 1915 *Sudell, R., F.I.L.A., 2 Guildford Place, London, W.1.
 1902 *Summerfield, T. A., Church Wynd, Burneston, Bedale, Yorkshire.
 1964 Summerhayes, V. S., O.B.E., B.Sc., Red Gates, Manstone Lane, Sidmouth, Devon.
 1957 Sumner, R. J., 43 Churchfields Road, Beckenham, Kent.
 1958 Sutcliffe, T., Crosse Farm, Cheriton Bishop, Nr. Exeter, Devon.
 1937 Swift, H. W., 2330 Euclid Heights, Boulevard, Cleveland Heights, 6, Ohio.
 1920 *Syer, F. G., 90 Cromwell Avenue, Cheshunt, Herts.
- 1962 Taber, D. W., 33 Beaufort Way, Ewell, Surrey.
 1942 Tanner, Miss M. W. (See Mrs. Squire).
 Tapson, O. V., Police House, East Ord., Berwick-upon-Tweed.
 1941 Tarver, Miss B. M. (See Mrs. Laking).
 1934 Taylor, A. J., c/o Starke-Ayres, Mowbray, Cape Town, South Africa.
 1939 Taylor, G. E., 244 Sandycombe Road, Kew Gardens, Surrey.
 1953 Taylor, H., The Mooring, Station Road, Invergowrie, Dundee.
 1933 *Taylor, Hubert, A.H.R.H.S., N.D.H., 8 Cotterill Road, Surbiton, Surrey.
 1936 *Taylor, J. C., Ontario Agric. College, Guelph, Ontario, Canada.
 1961 Taylor, Miss J. L. (See Mrs. B. Humphrey).
 1947 Taylor, J. O., 162 Hackthorne Road, Caselmere, Christchurch, 2, New Zealand.
 1940 Taylor, Miss R. (See Mrs. C. M. Jackson).
 1929 Teal, A. G., c/o Parks Dept., Town Hall, Merton and Morden, Surrey.
 1953 Tebby, P. A. C., A.S., Parks Supt. Office, Municipal Offices, Chelmsford, Essex.
 1948 Templeton, J. G., c/o Com. War Graves Comm. (Caen Area), 106 Rue de Thurey, Fleury-sur-Orne, Par Caen (Calvades), France.
 1957 Tennakoon, S. B., Botanic Gardens, Gampaha (W.P.), Ceylon.
 1967 Tennant, J. R., Brookside, Ashtead Woods Road, Ashtead, Surrey.
 1961 Thames, B. G., 32 St. Mary's Road, Richmond, Surrey.
 1963 Theron, M., Manager of Parks Dept., Box 4, Alberton, South Africa.
 1903 Thomas, Ernest, 1514 Chestnut Street, Philadelphia, Pa., U.S.A.
 1907 *Thomas, E. K., D.Sc., 253 Waterman Street, Providence, 6, Rhode Island, U.S.A.
 1911 *Thomas, H., Alpine Cottage, Princes Street, Innerleithen, Peebles-shire.
 1946 Thomas, J., Asst. Supt., The Lodge, Royal Bot. Gdns., Sydney, N.S.W., Australia.
 1958 Thomas, R. G., H.G., Manager, Horticultural Services Ltd., Hamilton, Bermuda.
 1944 Thompson, Miss E. K. G. (See Mrs. McCulloch).
 1945 Thompson, Miss J. M. (See Mrs. W. O. Farmer).
 1948 Thompson, G. D., 147 Beacon Lane, Whipton, Exeter, Devon.

- 1928 Thornicroft, I. V., S., Bot. Gardens, Hobart, Tasmania.
 1928 *Thorns, F. W., D., Parks, Recreation and Beaches Dept., Durban, Natal, S.A.
 1964 Tickner, Miss L. (See Mrs. Gattrell).
 1955 Till, B. W., Supt. of Parks, P.O. Box 3, Carletonville, Transvaal.
 1949 Till, J. R., Knight Hill House, Padiham, Burnley, Lancs.
 1915 Timmers, A., "Brambles," Hailey, Witney, Oxon.
 1946 Tindall, H. D., M.B.E., M.Sc., M.I.Biol., N.D.H., F.L.S., c/o National College of Agric. Engineering, Silsoe, Bedfordshire.
 1960 Toft, K. G., 2 Westlecot Road, Swindon, Wilts.
 1959 Tomlinson, D., Dip.Arb., 83 Blackstock Road, Stoke Newington, N.4.
 1967 Tomlinson, M. J., 74 Lickhill Road, Stourport, Worcestershire.
 1925 *Toms, K. E., Huyuken, Church Street, Cheddar, Somerset.
 1954 Towle, P., c/o Parks Dept., Nottingham.
 1967 Townsend, D. H. W., 6 Manor Road, East Grinstead, Sussex.
 1955 Tregear, J. P., West Bank, 32 Southampton Road, Lympington, Hants, SO.4 999.
 1927 *Trevaskis, P., S., F.A.I.P.A., "Heamoor," Avonsleigh, Victoria, Australia.
 1964 Trewinnard, R., 45 Laburnum Road, Cumbernauld, Glasgow.
 1946 Trower, Miss S., Little Crown, Ewhurst, Surrey.
 1912 *Tuck, W. H., N.D.H., Sancroft Manor, Laxfield, Woodbridge, Suffolk.
 1949 Turley, A. G., 23 St. Paul's Close, Hounslow West, Middlesex.
 1949 Turley, P. G., 23 St. Paul's Close, Hounslow West, Middlesex.
 1910 Turner, A., 8 Bridgewater Road, North Petherton, Bridgwater, Somerset.
 1965 Turner, A. P., c/o Johannesburg Parks Dept., Johannesburg, South Africa.
 1936 *Turner, J. H., F.L.S., "Cradock," 70 Fairfield Road, Winchester, Hants.
 1960 Turton, K. J., 190 Woulton Road, Liverpool 19.
 1948 Tweedale, F., Dep. Dir., Parks Dept., Newcastle-upon-Tyne.
 1963 Tyas, M., 54 Edgbaston Park Road, Birmingham 15.
 1956 Tyte, J. S., 22 Woodhall Close, Downend, Bristol.
- 1926 Vallance, J. C., S., 12411 Feldon Street, Silver Spring, Maryland, U.S.A.
 1961 van der Breggan, J. G., P., Box 1454, Pretoria, Republic of South Africa.
 1938 van Ryneveld, C. C., Deputy D., Parks, Recreation and Beaches Dept., Durban, Natal.
 1934 *Vanson, G. H. C., Supt's. Office, The People's Park, Wilholme Road, Grimsby.
 1920 *Vardy, M., "Sandhill," Middleton Lane, Middleton St. George, Darlington, Co. Durham.
 1907 *Veal, T. J., "Hillsdale," 12 Church Road, St. John's Estate, Exmouth, Devon.
 1927 Verdoorn, Miss Inez, Division of Botany, Pretoria, Transvaal, South Africa.
 1929 Viale, Secundo, c/o La Mortola, Ventimiglia, Italy.
 1935 Viale, Terzo, c/o La Mortola, Ventimiglia, Italy.
 1956 Vickers, F., East Park Lodge, Corporation Park, East Park Road, Blackburn.
 1946 *Vile, K. M., 37 Station Road, Great Bowden, Market Harborough, Leics.
 1957 Vivian, A., 17A Park Road, Kingston-on-Thames, Surrey.
 1958 Vogt, A., Gartenbau, Zollerstrasse, Erlenbach-Zurich, Switzerland.
- 1966 Waddell, D., The Courtyard, Younger Botanic Garden, Benmore by Dunoon, Argyllshire.
 1951 Wakefield, Miss E. M., O.B.E., M.A., F.L.S., 28 Castlegate, Richmond, Surrey.
 1946 Wakefield, Mrs. E. M., 10 Lygon Road, Edinburgh 9, Scotland.
 1934 Walby, A. P. S., Cutteslowe Park, Summertown, Oxford.
 1902 Waldenburg, N., Alnarps, Tradgardsskola, Nr. Akarp, Sweden.
 1947 Wall, R. G., N.D.H., I.W.G.Comm., Reg. Hort. Officer, Commonwealth Graves Commission, Northern Region, Place des Marechal Foch, Arras, Pas-de-Calais, France.
 1928 *Wallace, Mrs. G. B. (Duke), Martyrs Cross, Milton Bridge, Midlothian.
 1912 *Wallace, J. C., M.C., Agric. Col., Kirton, Boston, Lincolnshire.
 1944 Waller, Mrs. H. (née Shallcross), Burnt House Farm, Chartham, Nr. Canterbury, Kent.
 1921 *Walters, E. A., Northwood Presteigne, Radnorshire, North Wales.
 1964 Walters, Miss S. K. (See Mrs. Low).
 1947 Ward, J., East Park Lodge, Saltwell Park, Gateshead, 9, Co. Durham.
 1963 Ward, R. C., A.Inst.P.R.A., 8 Mortlake Road, Kew, Richmond, Surrey.
 1920 Wareham, Miss E. (See Mrs. Finch).

- 1922 Warner, Miss Audrey (See Mrs. Joy).
 1912 *Warren, C. N., 2200 Fifth Street, Corner Fifth and Allston Way, Berkeley, 94710, California, U.S.A.
 1962 Warrington, J. F., N.D.H., Curator's House, Birmingham Bot. Gar., Westbourne Road, Edgbaston, Birmingham, 15.
 1937 Wass, B. B., 87 Berkeley Avenue, Reading, Berks.
 1935 Wassell, G., 36 Priory Avenue, Hornsey, London, N.8.
 1937 *Watson, D. P., B.S.A., M.Sc.(Lond.), Ph.D., Dept. of Hort., Michigan State University, East Lansing, Michigan, U.S.A.
 1954 Watson, G., Area Horticulturist, Hort. Section, P.O. Box 5382, Johannesburg, Transvaal, South Africa.
 1949 Watson, J., City of York Parks Dept., Yorkshire.
 1923 *Watson, J. W., A.H.R.H.S., 14 Hollywell Road, Aylestone, Leicester.
 1922 Watson, Miss K. (See Mrs. Chambers).
 1919 *Watson, Miss W. Cradock, Church Cottage, Westmeston, Hassocks, Sussex.
 1948 Waumsley, N., Pine Lee, Leicester Road, Quorn, Loughborough, Leics.
 1908 *Weber, A., Niedershausen, Oberlahnkries, Germany.
 1953 Weighill, G. C., Parks and Cemeteries Dept., Exeter, Devon.
 1946 *Wells, Miss L. M., N.D.H. (See Mrs. Wren).
 1936 Wells, D. V., A.H.R.H.S., 23 Meadow Close, Ruislip, Middlesex.
 1923 *Welsh, H., 19 Highfield Avenue, Harpenden, Hertfordshire.
 1938 Werder, H. A., 31 Rue Racine, Montrouge (Seine), France.
 1943 *Werner, H. F., Plumbago, Arnoldton, East London, Cape Province, S.A.
 1944 Werner, Mrs. M. (Miss M. Speake), ditto.
 1949 Wharton, K., 13 Manor Road, Off Dewsbury Road, Wakefield, Yorkshire.
 1954 Wheatcroft, P., 347 Ewell Road, Tolworth, Surbiton, Surrey.
 1935 Wheeler, G. F., N.D.H., Broadlands House, Staplers Road, Newport, I.O.W.
 1929 Whibley, Mrs. (Miss C. Hillier), Aboyne, Southampton Road, Compton, Nr. Winchester, Hants.
 1911 *White, A. H. J., Elloughton Road, Brough, East Yorkshire.
 1946 White, Miss J. M., Greenway House, Churston Ferres, South Devon.
 1908 *White, R. A., The Bungalow, 8 Chase Road, Epsom, Surrey.
 1962 Whitehill, J. A. E., 2, 3rd Avenue, East Genelg, Helmsdale, Adelaide, S. Aust.
 1966 Whiting, Miss M. M., Roxburgh House, Cranbrook, Kent.
 1932 Wilding, J. E., 11 Fern Street, Farnworth, Lancashire.
 1940 Wildy, R. H., N.D.H., 21 Blythe Road, Maidstone, Kent.
 1946 Wilford, Miss J. (See Mrs. G. James).
 1955 Wilkinson, I., Sime Darby, Malaysia Ltd., Sime Darby Estates Div., 54 Ampang Road, Kuala Lumpur, Malaysia.
 1947 Will, A. G. K., Agri. Officer, Entebbe H.Q., Nairobi, Kenya.
 1946 Willett, E. J. S., 9 Linkway, Cleyhall Drive, Spalding, Lincolnshire.
 1959 Williams, A. L., Teachers' Training College, Newton St. Lowe, Bath.
 1926 *Williams, C., The Terraces, Perrysburg, Ohio, U.S.A.
 1946 Williams, Mrs. H. (Bird), Mount Pleasant, Eastbury, Newbury, Berks.
 1936 Williams, R. F., Westmead, Kingsland, Nr. Leominster, Herefordshire.
 1938 Willis, H. H., S., 259 High Street, Uxbridge, Middlesex.
 1947 Wilmott, C. J., Dene Lodge, Saltwell Park, Gateshead 8, Co. Durham.
 1936 Wilson, A. S., Govt. House Gardens, Bengal, India.
 1966 Wilson, P. E., 8 Townshend Road, Richmond, Surrey.
 1919 *Wiltshire, Miss N., Merlindene, Longhope, Glos.
 1925 *Wiltshire, T. W., c/o Parks Dept., Wedal Road, Roath Park, Cardiff, S. Wales.
 1942 Wincott, Mrs. (Miss M. H. Lancaster), The Gardens, Holkham Park, Wells-next-the-Sea, Norfolk.
 1964 Winter, J., c/o Nat. Bot. Gdns., Kirstenbosch, Newlands, C.P., South Africa.
 1939 Wittner, E. S., Aust. Housing Trust Nursery, Elizabeth, South Australia.
 1938 Wolf, Lucien de, Marché au Fromage, 39 Wommel, Belgium.
 1919 *Wood, Mrs. H. P. (Madan), Ladywell House, Vowchurch, Hereford.
 1950 *Wood, P. L. D., N.D.H., c/o Box 189, Salisbury, Southern Rhodesia.
 1960 Wood, A. T., Little Confers, 423 Canterbury Road, Kennington, Ashford, Kent.
 1967 Wood, C. P., Honister Place, Newton Aycliffe, Nr. Darlington, Co. Durham.
 1947 Woodward, A. S., N.D.H., F.Inst.P.A.(Dip.), 275 Tudor Drive, Kingston-on-Thames, Surrey.
 1923 Woodhouse, P. J. C., Queen's Park, Glasgow, S.2.

- 1963 Woolliams, K. R., Box 314, Lae, New Guinea.
 1967 Wooton, Mrs. H., 42 Bushwood Road, Kew, Richmond, Surrey.
 1954 Worraker, E. H. W., Hadlow College of Agriculture, Hadlow, Kent.
 1948 Wray, E. V., F.L.S., Selwood, 14 Church Lane, Humberstone, Nr. Grimsby, Lincolnshire.
 1946 Wren, Mrs. L. M., N.D.H. (Wells), 4 Newark Lane, Ripley, Surrey.
 1933 *Wright, F. H., 31 Elliot Road, Peterlee, Co. Durham.
 1915 Wuyts, O. F., V., N.D.H., 63 Voskenslaan, Ghent, Belgium.
 1956 Wyatt, P. C., 8 College Road, Histon, Cambs.
 1939 *Wyndham, G. T. F., Perceval Lodge, Mattock Lane, Ealing, London, W.5.
 Yarde, Miss E., West Farm, Coombe Keynes, Wareham, Dorset.
 1926 *Yashiroda, K., Tonosho-kyoku, Kagawa-ken, Japan.
 1917 *Yeo, Miss M. L., 1A The Crescent, Naish Estate, New Milton, Hants.
 1948 Young, P., The Lodge, Cheam Park, Cheam, Surrey.
 1933 *Younger, R. W., A.H.R.H.S., Supt., Supt. House, Univ. B.G., Cambridge.
 1915 *Yuill, E., 35 Askham Lane, Acomb, York.
 1939 *Zaidenberg, D., B.G., Mikveh Israel, P.O. Box 185, Tel-Aviv, Israel.
 1932 Zammitt, S. J., S., Govt. Farms & Agric. Organiser, Dept. of Agric., Government Farm, Ghammieri, Malta.
 1931 *Zwicky-Waber, K., Sonneblume, Hunibach, Nr. Thun, Switzerland.

We are anxious for the above list to be accurate. Please do not fail to advise the editor of any corrections, changes, or if we have missed qualifications or decorations.

LIST OF OLD KEWITES WHOSE ADDRESSES ARE UNKNOWN

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

- | | | | |
|------|---|------|--|
| 1924 | *Aikman, Miss M. G. | 1898 | Lloyd, H. B. |
| 1965 | Akance, L. A. | 1950 | Marden, J. A. |
| 1944 | *Ashby, Mrs. O. (Miss F. A. Sharps) | 1903 | Martin, L. G. |
| 1954 | Ashley, R. F. | 1934 | Martin, L. P. |
| 1914 | Bailey, A. G., M.A. | 1959 | Mason, J. D. |
| 1953 | Bentham, H. | 1954 | Massey, A. |
| 1928 | Birkentall, J. | 1949 | May, C. J. |
| 1951 | Brooks, V. | 1902 | *McAllister, W. |
| 1943 | Brown, J. | 1907 | *MacLaggan, W. |
| 1951 | Brown, J. | 1927 | Maria, E. |
| 1945 | *Clarke, P. | 1942 | Melville Towers, Mrs. Lismore
(Miss E. Plummer) |
| 1908 | *Close, A. W. | | |
| 1936 | Cross, G. H. | 1900 | *Mills, G. |
| 1959 | Crossman, J. H. | 1958 | Morgan, Miss B. M. |
| 1953 | Dally, H. R. | 1933 | Mould, A. |
| 1922 | *Davis, Mrs. (Miss O. Rudolph) | 1921 | Morgan, Mrs. R. (Miss R. Williams) |
| 1910 | Derwall, F. L. G. | 1965 | Mwanqi. |
| 1901 | Duncan, D. | 1940 | Prior, M. C. |
| 1919 | *Flack, Mrs. | 1900 | Purves, J. M. |
| 1942 | Flew, Miss M. G. | 1934 | Robinson, H. P. |
| 1920 | Finch, Mrs. E. G. (Wareham) | 1939 | *Sheat, W. G. |
| 1934 | *Ginkel, C. van | 1939 | Sheat, Mrs. |
| 1918 | *Halkerston, Mrs. D.
(Miss D. Kermode) | 1934 | Spray, J. R. |
| | | 1934 | *Stanley, M. |
| 1923 | *Harbourne, B. W. | 1948 | Stevenson, Mrs. E. |
| 1912 | *Harris, C. H. | 1904 | *Swan, W. |
| 1920 | *Hunter, W. G. | 1948 | Templeton, J. |
| 1947 | James, K. H. | 1913 | *Tindall, H. B. A. |
| 1917 | Jameson, Mrs. (Miss R. Hart) | 1918 | Trench, Mrs. (Miss P. C. Hume-Sary) |
| 1925 | Jensen, A. L. G. | 1916 | Trounpe, Mrs. (Miss A. Yencken) |
| 1960 | Johnston, M. A. | 1948 | *Ward, O. J. |
| 1956 | Jordan, J. | 1919 | Ward, W. A. |
| 1937 | Joy, C. A. | 1952 | Ward, W. B. |
| 1917 | *Juul, T. | 1905 | *Weight, G. H. |
| 1965 | Kilby, P. | 1959 | Willoughby, B. J. |

RULES OF THE KEW GUILD

Name of the Society.

- (1) The name of the Society shall be "The Kew Guild."

Objects.

- (2) The objects of the Guild shall be—
- (a) the advancement of knowledge of horticulture generally and in particular in connection with the work of the Royal Botanic Gardens, Kew, and among members of the Guild.
 - (b) the encouragement of horticultural education at the Royal Botanic Gardens, Kew, by the provision of prizes and grants for Student Gardeners and the administration of the educational funds of the Guild.
 - (c) the provision of facilities for leisure time education and recreation in the interests of the social welfare of Student Gardeners and others having need of such facilities who are within the provisions of Section 1 of the Recreational Charities Act, 1958.
 - (d) the administration of the charitable funds of the Guild and the assistance from such funds of members of the Guild who are in need.
 - (e) the publication of a Journal in furtherance of the objects of the Guild or any of them.
 - (f) generally to do all such acts as shall further the active and corporate life of the Guild and may be lawfully done by a body established only for purposes recognised by the law of England as charitable.

Membership.

- (3) (a) Membership of the Guild shall be open to past and present Curators, Assistant Curators, Foremen-Gardeners, and Student Gardeners, who have been or are employed at the Royal Botanic Gardens, Kew, or at Wakehurst Place, Ardingly, Sussex, and to Voluntary Student Gardeners (provided that they have worked at the Gardens for at least one year), and to past and present members of the Scientific, Professional and Executive Staff at Kew and Wakehurst. The term "Kewites" where used herein or by the Guild in other publications shall mean a member of the Guild.
- (b) In addition the Committee may admit to membership of the Guild any member of the Kew staff outside the categories set out in 3(a) who, by virtue of the signal services he or she has rendered to the Guild, is deemed worthy of membership of the Guild.
- (4) Members of the Guild shall have the right to vote at meetings and to compete in competitions, and shall be eligible for election as officers of the Guild or to serve on the Committee.
- (5) Any member wishing to resign shall give notice to the Honorary Secretary or the Honorary Treasurer before the first day of December in the year of his or her intention to resign.
- (6) (a) The Committee may by resolution communicated to the member in writing and stating concisely the grounds for which it proposes to act call upon any individual to resign from the Guild and if the member does not so resign within forty-eight days after being so called upon the Committee may by resolution terminate his membership.
- (b) before coming to any decision the Committee shall give the member affected proper facilities for stating his case to them either orally or in writing as the Committee may determine.

Annual Subscriptions.

- (7) The Annual Subscription which shall be payable on January 1st of each year shall be such a sum as the Annual General Meeting 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 £1. (Student Gardeners 10s.)

- (8) 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. The provisions of this Rule may be suspended by resolution of an Annual General Meeting for such period as the Annual General Meeting shall think fit.

Management of the Guild.

- (9) (a) The business of the Guild shall be conducted by a Committee composed of the officers and ordinary Committee members. The officers shall consist of the President, two Vice-Presidents, the immediate Past-President, the President-Elect, Honorary Secretary, Honorary Treasurer, and Honorary Editor. The ordinary Committee members shall consist of four present Kewites, twelve Old Kewites and two Student Gardeners.
- (b) Nine members of the Committee shall form a quorum. The Committee shall meet from time to time as may be necessary. Nine members of the Committee may by signed written notice to the Honorary Secretary request him to call a meeting of the Committee and if such meeting be not called within thirty days of the despatch of such notice the said nine members may themselves call a meeting of the Committee by twenty-one days' notice in writing sent to all members thereof.
- (c) The Committee may regulate its own proceedings by standing order or otherwise as it may think fit. No act or proceedings of the Committee shall be invalidated by any vacancy on the Committee or any sub-committee thereof on the grounds that a member of the Committee or of a sub-committee thereof was not qualified at or had become disqualified after the date of his appointment. The Chairman of the Committee shall at Committee meetings have no second or casting vote in the case of an equality of votes.
- (d) At least seven days' written notice of a meeting of the Committee shall so far as practicable be given to every officer and other members of the Committee.
- (e) 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-Presidents.
- (f) There shall be two Honorary Auditors chosen from among members of the Guild who are not members of the Committee.

Election of Officers, Committee, and Auditors.

- (10) (a) The President, the President-Elect, Honorary Secretary, Honorary Treasurer, and Honorary Editor shall be elected annually at the Annual General Meeting. One Vice-President shall be elected annually at the Annual General Meeting and shall hold office for two years. Any vacancy among the officers shall be filled as soon as possible by co-option by the Committee, and any person so co-opted shall hold office until the conclusion of the following Annual General Meeting.
- (b) Four ordinary Committee Members (three of whom shall be Old Kewites) shall be elected each year and shall hold office for four years. They shall not be eligible for re-election for at least twelve months after the end of their term of office. Any casual

vacancy on the Committee shall be filled at the next Annual General Meeting, the member elected completing the term of office of the member whom he has replaced. The Student Gardener representatives shall be elected annually by the Student Gardeners.

- (c) One Honorary Auditor shall be elected each year and shall hold office for two years.
- (d) Candidates for election as officers or ordinary Committee members or Auditors may be proposed by any member of the Guild provided that the names of candidates be sent in writing to the Honorary Secretary at least twenty-eight clear days before the Annual General Meeting.

Meetings.

- (11) The Annual General Meeting shall be held at Kew on either the second or third Saturday in September. At the Annual General Meeting the Report of the Committee and a Statement of the Accounts shall be submitted and election of officers and Committee members and Auditors shall take place. Fourteen clear days before the Annual General Meeting the Honorary Secretary shall circulate to all members with an address 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 or Auditors together with their proposers.
- (12) A Special General Meeting of the Guild may be called at any time by the Committee and shall be so called within fifty-six 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 a meeting is desired and setting out any resolution which it is desired to propose thereat. Notice of the meeting with an agenda thereof shall be sent to all members with an address in the United Kingdom at least forty-two days before the date appointed for the meeting. Amendments to any resolutions set out in the agenda shall be sent to the Honorary Secretary at least twenty-eight clear days before the date of the meeting and shall be sent by him to all members with an address in the United Kingdom at least seven clear days before the date of the meeting. No business shall be transacted at such meeting other than that specified in the notice and no amendment of any substance 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) At a General Meeting each individual member whose subscription is fully paid up to the date of the meeting shall have one vote and no more except the Chairman who shall have a second or casting vote in the case of an equality of votes.

Alterations to the Rules.

- (15) 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-eight clear days before the date of the Annual or Special General Meeting and shall be sent by him to all members with an address in the United Kingdom at least seven clear days before the date of the Annual or Special General Meeting.

Dissolution of the Guild.

- (16) 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.

Property of the Guild and Trustees.

- (17) (a) The Guild may purchase or otherwise acquire and hold property of any nature and may sell lease mortgage or otherwise deal with the same. Any property belonging to the Guild may be invested in the names of not more than four and not less than two Trustees who may be appointed from time to time by the Committee and any vacancy amongst such Trustees shall be filled by the Committee. Such property may also be invested in the name of a limited company established by and under the control of the Guild for trust purposes.
- (b) Such investments may be in or upon such shares, stocks, funds, securities, investments, and property, real or personal, freehold or leasehold in any part of the world upon such terms and conditions (if any) as the Committee shall in their absolute discretion think fit and in all respects as if the Committee were the sole beneficial owners thereof. The Committee may from time to time direct the Trustees to sell vary and transfer such investments and property.
- (c) The Committee may deal with the said investments as if they were the sole beneficial owners thereof.
- (d) If legal proceedings of any kind are resorted to or defended by the Guild the Trustees shall on the instructions of the Committee but not otherwise prosecute or defend such proceedings either in the name of the Guild or in the name of the Trustees or otherwise on behalf of the Guild as may be necessary.
- (e) The Trustees shall in all respects act as required by the Committee and a copy of a minute of the Committee signed by the Honorary Secretary shall be conclusive evidence of its decision.
- (f) Any Trustee may be removed from office by a resolution passed at a meeting of the Committee by a vote of not less than three-quarters majority of the members of the Committee present and voting at the meeting. At least seven clear days' notice of a special meeting to remove a Trustee shall be given to all members of the Committee and the agenda for the meeting shall state concisely the reasons why the removal is considered necessary and the accused Trustee shall be permitted to make his defence orally or in writing.
- (g) The Trustees shall be effectively indemnified by the Committee from and against any liability costs expenses and payments whatsoever which may be properly incurred or made by them in relation to the trusts of the property and investments of the Guild or in relation to any legal proceedings or which otherwise relate directly or indirectly to the performance of the functions of a Trustee of the Guild.
- (h) Except where otherwise provided the Trustees may act by a simple majority of those present and voting at a meeting of the Trustees.
- (i) The Trustees shall from among their number appoint an Honorary Secretary.

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