The British Golf Greenkeeper



November 1973 12p

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Published monthly for the benefit of greenkeepers, greenkeeping and the game of golf on behalf of the British Golf Greenkeepers' Association

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The British Golf Greenkeeper

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Front Cover Picture:

John Dolwin (right) of forestry consultants, Dolwin and Gray, of Crowborough, Sussex, admires one of the trees – an 18-inch high Western Hemlock. With him is Selsdon Park Hotel Golf Professional, Bill Mitchell. See item on page 16.

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Tee Shots

The Kanto Region Greenkeepers Association of Japan has sent a magnificent 'Kabuto' to our Association as a memento of our 60th Anniversary. The 'Kabuto' is a traditional head-dress elaborately wrought and decorated. There are now five Greenkeeper Associations in Japan and the Kanto region surrounds Tokyo. We shall all wish to express our grateful thanks for this gift from such distant colleagues.

The Motspur Park Exhibition was as successful as ever and a great place for reunions. Professor Troll and John Zak from Massachusetts University met several old friends especially on the Fison's stand. Professor Troll spent six months sabbatical leave at Fisons in 1969. He tells me that he has recently invested \$70,000 in equipment for his courses in turf management at Stockbridge Hall, Department of Plant and Soil Sciences.

Attendance at the 1st British Turfgrass Symposium at Ransomes' Ipswich works on 4th October, was over 200. British Greenkeepers, Secretaries and Green Committee Chairmen sat down with contingents from Canada, United States of America and European Superintendents' Associations. The Chairman was Geo, McPartlin, O.B.E., of the Golf Development Council and the Golf Foundation. The theme was 'Drainage and Irrigation'. Dr. Ede and Gordon Fisher from Cambridge opened the series of six papers, each of which was followed by a panel discussion and question time.

W. D. Hawthorn spoke on Automatic Watering and H. Swan on Water Hazard Construction. Tom Mascaro (Hahn Co. U.S.A.), described mechanical means of maintaining surface drainage and J. R. Escritt, Director of the Sports Turf Research Institute, outlined Progress, Limits and Research.

On the morning panel were Robt. W. Mitchell, President Emeritus of the Golf Course Superintendents of America and David Gourlay, this year's President of the Canadian Association. L. Millar (Burnham & Berrow), Geo. Wilson (Le Prieuré, Paris), two Scots in the British Golf Greenkeepers' Association, which organised the event, were in support.

After lunch the panel changed to Ivor Scoones, Chairman of the B.G.G.A., J. K. Glass, Thorpe Hall Golf Club, John Campbell, St. Andrews, and F. W. Hawtree whose father founded the Association 60 years ago. The Session concluded with Ransomes' film 'The Royal and Ancient Game'.

On display were the gold plated Hole Cup, mounted as a trophy and presented to the British Greenkeepers by the American Association and a Kabuto, a 60th Anniversary gift from the greenkeepers of the Kanto region of Japan.

An International Tournament with four teams from the British Isles, Eire, Canada, U.S.A., and Europe was held the day before. The Scottish



Tee Shots

team had been victorious after having piped themselves out to the Tee in the afternoon.

The Canadian Association presented a desk set to Len Arbon, Head Greenkeeper of the Woodbridge Golf Club where the match had been played.

The Symposium was organised by the B.G.G.A., in the interest of good greenkeeping and golf at large.

The New Zealand Golf Greenkeepers' Association now has 127 financial members. Recently they held a field day at the MANUKAU GOLF CLUB. Over 70 greenkeepers were conducted over the course by Head Greenkeeper, Jack Showler. He explained the drainage problems which had arisen since installation of the automatic irrigation system, and how these problems were being rectified. The Wimpaway semi-hydraulic fairway mower proved its versatility on the wet practice fairway. Though on rubber tyres the units gave a clean cut without clogging, and with no wheel tear marks. Also on show was Power Equipment Ltd.'s Power Pony fitted with the extended rotor cutter, and triple mini gangs. The R.O.H. Verticut mower showed its potential as did the farm bikes displayed by Honda and Suzuki agents. A private contractor's stump remover, hydraulic-mounted, made a quick tidy job obliterating a macaracarpa stump. It also made quite a 'hit' with one of Whitford Parks' senior committee men, standing by chance on the lethal side. How's the head Morri?

Notcutts believe that the best way of buying nursery stock is by inspection, and welcome visitors to their extensive nurseries by appointment. Visitors should fix an appointment with Mr. Dyter. If necessary, Notcutts will arrange overnight accommodation as well as meeting visitors at a railway station or airport.

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The Autumn Council Meetings have been busy looking ahead to 1974 and 1975's new golf courses. Both commercial and municipal ventures into multi-sports developments, with golf very much in the centre, are now finding favour.

The Parks and Sports Committee of Maidstone are going ahead with a scheme to build a golf course on the Cobtree Estate, near Maidstone. The site of 110 acres is on undulating farmland and a large proportion of mature woodland will be preserved. Work is expected to start on construction in 1975.

The Borough of Hemel Hempstead, just before transformation with the new Dacorum Local Authority District, are making plans for an 18hole championship public course, together with other recreational activities, on a magnificent farmland site overlooking the village of Bourne End. The project is exciting considerable local interest. Work is expected to start next year.

Outline planning permission has now been granted to the Trustees of the Earl of Bathurst to build a Country Club and Sports Centre in Cirencester Park. The complex will include an 18-hole championship length golf course.



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Andrews 'Pro' Day

Robert H. Andrews Ltd., held their annual exhibition of grass maintenance equipment at Windsor Racecourse on October 10th, a valuable opportunity to compare the products of all well-known companies displayed within the same paddock.

Richmond Gibson Ltd., introduced the Driftmaster TD100 to their range of smaller selective weedkiller and liquid fertiliser applicators. This model is able to provide a spray width of up to 105 in. while being towed by any power unit using their Driftmaster principle whereby the active material is applied directly to rollers which in turn apply it to the ground with no risk of drifting on to adjacent borders, shrubs or ponds. Up to 1 acre can be covered by the 22-gallon tank.

Husqvarna were showing their established 160 and 260 models, all round saws for professional use and suitable for cutting medium-size timber. Powerful enough for felling and cutting while sufficiently light and convenient to be effective for limbing work. The saw has been awarded a design prize for styling but it is not just a pretty face. Silencing and minimum vibration as well as making daily maintenance easy, provide the operator with as many safety factors as possible. Also introduced was the 140S model, a new lightweight version suitable for thinning work and limbing.

Stihl were providing opposition with their chain saws providing a wider variety of petrol and electrically driven models. Strange how they both claim to have the worlds' newest light-weight model with built-in vibration elimination. But all equally impressive in their demonstrations.

Ropers displayed their range of Ride-on garden and lawn tractors with all the operator comforts thrown in. All the models are provided with easy gear change and speed control. The RT-10 is described as being styled with sports car flair; it may not match sports car performance but it does have the agility and manoeuvrability around the flower beds. Attachments are available for all models from an organic shredder and cultivators to snow blowers. Roper also have electric and gas powered ridermowers with rotary action mowers similar to the petrol driven models.

Andrews exhibited the smaller range of products from Cylone spreaders to domestic aerifiers (needing the weight of household bricks for better turf penetration) and Tarpen hedgecutters.

Of the larger machinery Leyland were showing their powerful tractors and Buckinghams showing the size of trailer that you would need a tractor to pull.

Hayter and Atco both exhibited their extensive range of mowers for domestic and professional use of both the rotary and cylinder mower varieties.

The largest exhibitor was Ransomes who perhaps provided the greatest variety of machinery from their already well-established cylinder mowers such as the Auto-Certes to their Hydraulic power 5/7 Gangs cutting up to 10 acres per hour at 7 m.p.h. and the smaller version of this, the Motor 5/3. Both have hydraulic power for continuous fast cutting and provide the ability to cut with any number of the units at any one time. This hydraulic lifting enables the cutting width of 15 ft. to be reduced to a transport width of only 8 ft. 2 in. in the 5/7 model.

The Ransomes-Hahn Tournament Triplex, the one-man machine greens' management system, was also on show with all its accessories for spiking and verti-cutting. Individual aerifier and verti-cut units were also Continued on page 24

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And now Verderers?

Patrick Smartt

A Head Greenkeeper is a man of the soil. There is, in the term for a working farmer, 'mud on his boots'.

He knows the grass, on his fairways and its reactions to the vagaries of our climate. The same applies to his greens. He has an affinity with his course, though he would probably reject, gruffly, any such high falutin' idea. Nevertheless he regards it as his course. He is unlikely to lend an ear to suggestions offered by someone coming from a links - if he is inland. Or from someone belonging to a course several hundred feet higher, or lower than his own.

His programme for the day is dictated by the weather. A fact not always recognised by committees. Years ago, when a secretary, a Green Committee chairman asked me my plan for the week, I said that I should meet the Head Greenkeeper (with whom I worked hand in glove) at 8.50 each morning, as usual. As with the farmer, the day's work depends entirely on whether it is wet or dry.

In this era of 'progress', mechanisation may have taken some of the mud off his boots. At least one of his staff must be a mechanic, unless contractors are employed. That is a mistake. The firm, thinking of 'man hours', rush the job.

Reverting to 'mud on the boots', they say that tournament professionals can assess the pace of a green, by the feel through their shoes when walking on it. This I believe to be true, for I have experienced it. Not, let it be known, through any prowess as a golfer, but because as a secretary I used to inspect a certain number of greens every day. That was before the club laid on

water. A hilly course, the lowest

greens were 500 feet above sea level. the highest close to 700, and exposed to buffeting winds from all points of the compass. The underfoot feel of the sheltered putting surfaces was like treading on a pile carpet after a thin mat.

Away from greens, the present fashion appears to be to dispense with rough, and use trees instead. am not one to favour the elimination of luck (raising the game to the bloomless heights of chess, as Bernard Darwin put it). But I do feel that trees are too big a gamble. Golfers grouse a lot about the kicks and lies you get from the 'umps and 'ollows on links. Surely the chances of a kind ricochet off a tree are slim indeed?

Solitary trees, here and there, add to the scenery. One, judiciously placed, can dictate the strategy of a hole. It is there for all to see, and avoid. Years of playing over bushlined fairways in Africa have left their mark. There is no more disheartening sight than that of a ball curving deep into a wood. You are not faced with the matter of circumnavigating one trunk and its branches. Surrounded by trees, a way through, under or over, has to be found. There are times when there is not even the escape route of chipping out sideways.

There is the story of a fine amateur playing Pine Valley. It was not his day off the tee. Finally his caddie remarked: 'You don't have to watch them. You listen for them.'

Tree-lined holes even evoke a touch of claustrophobia. Which is why you will see world-class players driving with light spoons or the No. 1 iron - the most difficult club in the bag. In hickory days, unaccountably I formed a friendship with one.

If woodland leads to defensive golf by the expert, what then is the most important golfer, the club member -'parent' or 'artisan' - to do? Defensive play seldom got anyone anywhere. Which does not mean that a

sensible 'appreciation of the situation' comes amiss. Between the expert and the handicap player, the appreciation will differ, perhaps the most important thing in golf.

Greenkeepers and their staff are hard to come by these days. Apart from the normal mowing the Greenkeeper of today has to be something of a chemist, in the mixing, or dilution, of the chemical dressings, now a must. He has, possibly to be a garage hand. The way things are going, it looks as if to his accomplishments must be added a verderer (forester). Trees, whatever the townsman may think, have to be watched.

The whole set up is steadily approaching that of an Area H.Q. in the army. G.O.C. the secretary. G.S.O. the Head Greenkeeper. Assuming that the latter is not a garage hand,

and that the club cannot afford a squad of R.E.M.E. attached to the club, there will be G.S.O.Q. (times change), in charge of 'Transport'. Then there is the question of the trees. If the Head Greenkeeper has to assume the responsibilities of verderer, one can only suggest that he recruit Macbeth, or whoever moved Birnam Wood.

I can never see troops, branches tucked into the netting over their 'battle bowlers', without becoming moved by mirth. Anyone seriously believing the countryside is moving towards him, either loses his stripes or resigns his Commission.

There is the story of two elderly golfers shouting: 'Fore' at two newly planted saplings. I do so hope that it is true. The good ones so seldom are.



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MINUTES OF THE 56th ANNUAL GENERAL MEETING HELD AT

CLEVEDON GOLF CLUB, CLEVEDON, SOMERSET, ON MONDAY,

13th AUGUST 1973, AT 3 p.m.

The Chairman opened the meeting at which there was approximately 80 members present, and in the absence of the President, asked Mr. F. W. Hawtree if he would kindly occupy the Chair. Mr. Hawtree thanked the Chairman and expressed his willingness to conduct the meeting.

1. Minutes of the last A.G.M.

The Chairman asked the meeting that as the minutes of the last A.G.M. were printed in the Journal, if they would agree for these to be taken as read. This was agreed and the Hon. Secretary was thereupon asked to read the minutes of the Extraordinary General Meeting which was held in London on 19th May, 1973

2. Annual Report

The Hon. Secretary read the Annual Report and its adoption was proposed by Mr. C. Moore, seconded by Mr. F. Ford. After its adoption the Chairman asked the meeting to stand in silence in memory of the deceased members whose names had been submitted in the Report.

3. Financial Statement

Copies of the Accounts had been passed round the meeting and the Hon. Treasurer stated that he thought the figures would confirm the reason for his request for increased income to the General Account which had n e c e s s i t a t e d the Extraordinary General Meeting. He felt reasonably confident that with the additional income which he now anticipated, that the expenses incurred could be satisfactorily met and that in the future a reasonable balance could be maintained. After some discussion, it was proposed by Mr. Heeles, seconded by Mr. Folkes that the accounts should be accepted.

4. Executive Committee Report

The Tournament sub-Committee elected by the Executive Committee were Messrs. Walsh, Scoones, Smith, Herrington and James.

It had also been agreed that the competition should be played from tournament tees and the Executive Committee had been pleased to accept five late entries.

The Executive Committee also nominated an International Team to represent England at Woodbridge Golf Club on October 3rd. This team to be the Scratch Winner of this Tournament, the Senior Handicap Division Winner and the Junior Handicap Division Winner, plus the Runner-up in the Senior Handicap Division to be included as Reserve.

With reference to the 1974 Tournament, the Committee regretted that they had been advised through the Hon. Secretary that the N.E. Section were unable to find a suitable course and had expressed a wish to be excused the privilege, and had asked for the arrangements for 1974 to be handled by another Section. The next Section in the rota sequence was the Midland Section and the suggestion was made that they should be given the opportunity to handle the 1974 Tournament. Mr. F. W. Hawtree raised the question of the possibility of taking next year's Tournament abroad possibly to France. This idea was thought to be quite a possibility but would depend



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Meanwhile, may I suggest a stout padlock?

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on the costs involved for transport and accommodation. After some discussion, it was agreed that the incoming Chairman would make inquiries in an effort to obtain the views of the members, and to avoid the necessity of calling an Executive Committee meeting, he proposed advising the Secretary of their views which could be circulated to Executive members and if it was felt that an Overseas Tournament was favourable, further inquiries could be made as to more complete details. Otherwise, it was agreed that the 1974 Tournament should be passed to the Midland Section.

5. Election of Officers

In the absence of Mr. Carl Bretherton it was proposed that he should again be approached and asked to continue office for the ensuing year. This was unanimously agreed.

Vice-President

It was agreed that the names as listed in the Association Journal should be re-elected and this proposition was also carried unanimously.

Chairman

The Chairman proposed that Mr. I. Scoones, Vice-Chairman should be elected as Chairman for the ensuing year. This suggestion was carried unanimously. Mr. Walsh, the retiring Chairman, rose and handed his badge of office to Mr. Scoones and expressed his pleasure at the choice of Mr. Scoones as his successor. He then addressed the meeting and thanked the members for their support during his year of office and said that it had been a memorable occasion for him and trusted he had given satisfaction by his efforts. Mr. Scoones then thanked the members for their support to his nomination as Chairman and sincerely hoped he would be able to fulfil the office as satisfactorily as his predecessor. He

then asked Mr. Walsh to accept a Tankard in recognition of his services during his year of office and Mr. Walsh once again expressed his thanks for the kind gift which would always remind him of a very enjoyable year.

Vice-Chairman

Owing to the inability of the North East Section to handle the 1974 arrangements, there had at the moment, been no nominations for Vice-Chairman and this office would therefore remain vacant until the decision could be made regarding next year's event.

Secretary and Treasurer

As was generally understood Mr. C. H. Dix had requested last year that he would like to vacate the office of Secretary and Treasurer as soon as a successor could be found. He was also well aware that at the moment no successor was forthcoming, and at the general request of the meeting, he agreed to carry on in office until 30th April, 1974 but he sincerely hoped that every effort would be made to find somebody to take over the reins from that date.

Executive Committee

It was unanimously agreed that the Executive Committee should be as nominated by Sections.

Hon. Auditors

The Hon. Treasurer reported that the services of Messrs. Smallfield, Rawlins & Co., had again been most efficient, and at his proposal, it was unanimously agreed that the Hon. Auditors should be re-elected.

Hon. Solicitor

It was unanimously agreed that Mr. H. Dowding, who had kindly taken over the duties for the Association, should be re-elected for the ensuing year.



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6. Proposition from the Southern Section

'That the title of Head Greenkeeper should be changed to Golf Course Manager.'

Before this proposition was discussed a representative of the Southern Section asked for it to be amended to read 'that the title of Head Greenkeeper should be changed to Golf Course Superintendent'.

Once again this annual discussion took place and after several members had voiced their opinions and a vote was taken with the result that there were 19 for the change and 25 against, whereby the proposition was not carried.

7. Any Other Business

The question was again raised regarding venue of the Annual Tournament as to whether it must be a seaside course or whether an inland course could be accepted, if it was thought advisable by the Section concerned. The Hon. Secretary reminded the meeting that a similar proposition was discussed at the A.G.M. in 1970 and a firm agreement was made at that time, if a Section could not find a seaside course, another Section should be asked to take over the arrangements for the Annual Tournament. However, after a lengthy discussion it was obvious there was considerable disagreement on this matter, and a vote was called for, which resulted in 2/3 majority for any inland course if it was thought to be more suitable, which in effect reversed the decision of the 1970 resolution.

Mr. F. W. Hawtree advised the meeting of the First British Turfgrass Symposium which was being held at Messrs. Ransomes Sims & Jefferies, Ipswich on October 4th, and he sincerely hoped that as many Greenkeepers as possible would be there.

Accommodation would be available for approximately 300 people but it would have to be a question of first come, first served, if all the accommodation was called for and he hoped that early applications would be made by any of the members who would like to attend.

There being no further business, the meeting closed with a vote of thanks to the Chair by Mr. Herrington.

Book Review

THE DUNLOP BOOK OF GOLF

The Dunlop Book of Golf consists of a highly entertaining series of short stories which describe the origins of competitive golf and which trace major competitions and tournaments over the past 50 years. Exploits and achievements of the great players past and present are depicted, as are incidents at British and American Open Championships and the Ryder, Walker and Curtis Cups.

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News

ICI SHOW DEBUT AT MOTSPUR PARK

ICI Agricultural Division made its debut at the Institute of Groundsmanship International Exhibition at Motspur Park.

The whole of the exhibit was devoted to 'GOLD-N', a new slow release fertiliser, featured jointly with Chipman Chemical Co. Ltd., main selling agents for 'GOLD-N'. This new product releases the nutrient slowly and continuously into the soil for uptake by the plants over a period of between three and six months. Used on turf it promotes a thick green sward and can be used on glasshouse and outdoor crops and flowers, as well as on amenity grass, reclaimed derelict land, etc.

SELSDON PARK EMBARKS ON AMBITIOUS FORESTRY PROGRAMME

Selsdon Park Hotel, Surrey, which has its own 200-acre estate, has just completed an ambitious tree-planting programme on the woodlands and copses that surround the 18-hole golf course.

Forestry Consultants, Dolwin and Gray, of Crowborough, Sussex, were called in last year to suggest proposals that would make up for the ravages of the Dutch Elm disease, which killed off nearly 100 trees on the estate.

Their suggested programme, of which the tree-planting is part, will be spread over a number of years and include normal silvicultural maintenance, in addition to regenerating new areas that were previously scrub.



John Dolwin, one of the consultants, was most keen to retain the rural aspect of the estate and said, quite unique in its 'Selsdon is proximity to London, coupled with surroundings. country-like In its order to maintain the overall majestic panorama of the grounds, we decided to use trees of the normal forest type rather than shrubs or smaller species which would have spoiled the existing landscape.'

More than 4,000 trees have been planted, ranging from nine to 18 inches in height. 'The three sections planted this year had degenerated into scrub areas', said Mr. Dolwin. 'There were, however, a number of oaks and these, together with some good hawthorn specimens have been preserved."

NEW APPOINTMENT BY MOMMERSTEEG

International plant breeders, Mom-

mersteeg, announce the appointment of Norman Hever as sports turf advisor. Mr. Hever was, until recently, ground superintendent of Northants County Cricket Club and also played county cricket for Middlesex and Glamorgan.

David Smart, managing director of Mommersteeg, said that the strengthened technical and advisory team, headed by Jim Bradbury, would enable the company to give an even finer service to customers throughout the U.K.

We apologise to Mommersteeg and to our readers for a typographical error in the article entitled 'Top Dressing', written by James Bradbury, which appeared in our September issue and renamed the Company Hommersteeg Seed Company Ltd. - Sorry!



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N. Ireland – Richardsons (Ulster) Ltd., 1 Short Strand, Belfast BT5 4BS. Tel: Belfast 57424/5/6

Eire – ICI (Ireland) Ltd., 5/9 South Frederick Street, Dublin 2. Tel: Dublin 771831



The First British Turfgrass Symposium

The Conference is now an established method of communication in modern political, business, professional, and scientific life. The origins lie in the immediacy of speech and dialogue. Unlike readers, an audience participates, cross-questions, elaborates points made by the speaker, exchanges localised experience, and makes new contacts. The characteristics of a conference are the intensity of study and the relevance of the communication. A true occasion is made out of new ideas, discoveries, areas of study. To all this internationalism has added glamour and interest.

The Turfgrass Symposium at Ipswich was most certainly an occasion for the B.G.G.A. The point when an association comes together with other delegates to talk about its work rather than its purposes is an important one, and reflects not only enthusiasm but responsibility. The Symposium was the first of its kind and not ideally situated for the whole country. The attendance figure of 200 was therefore a most encouraging start to what may become an annual or two-yearly event.

Attendance

The Symposium was attended by 200 people: 50 per cent from Golf Clubs, 33 per cent from Firms, 4 per cent from Local and Central Government, 6 per cent from Associations and Institutes, and 7 per cent from Overseas.

The number of Golf Clubs represented was 68. Forty-three per cent of these clubs were situated within a 70-mile radius of Ipswich. Distribution of remaining clubs was very scattered and showed no relation to distance from Ipswich. Eighteen (26 per cent) clubs sent more than one greenkeeper to the Symposium, nine more than two. These last clubs were The number of firms represented was 35. These firms ranged from turfgrass machinery and chemical industries to golf course contractors, golf architects, turf advisory services, and the seed trade. Distribution was more evenly spread throughout the South and firms tended to send more than one delegate regardless of distance.

nearly all situated in Essex and

Response to the Symposium

On the day of the Symposium a postcard with space for percentage scoring and general comments was issued to each representative. Only 20 (10 per cent) have so far returned the cards. From this small sample a number of points of interest emerge.

The mean percentage ratings for Papers was 70 per cent, for Discussions 55 per cent, for Food 65 per cent, for Comfort 65 per cent, and for Audibility 80 per cent. General comments supported the low figure for Discussion. It was felt that not enough use was made of the panel and that more time should have been devoted to discussion. A few felt more generally that the programme had an air of haste about it. Some felt that the speaker should have been a little less academic and made more use of demonstrations and colour slides.

The Future

Fifty per cent of the respondents suggested that the future location should be in the Midlands. One was content to keep it at Ipswich, two hoped for London and the South East, and two looked forward to an international location.

Suggestions for future Symposium themes were fungal diseases, machinery, chemicals, turfgrass varieties, training, and turfgrass management.

Here, in this sample at least, is enthusiasm and conviction of the need to hold future Symposiums.

New Products

SISIS Fibamo, turf fibre cutter and rotary scarifier

The SISIS Fibamo is a budget priced machine for the removal and control of excess fibre, for the smaller club. This machine, with 12 in. effective width, has been developed after 15 years' extensive experience with the SISIS Rotorakes used by professional greenkeepers throughout the world.

The Fibamo is supplied fitted with a thatch removal reel with double pointed blades. A wire scarifying reel is available as an optional extra to provide year round use of the machine. The cutting blades sever creeping grasses and remove excess fibre. The wire tines are for gentler surface use, especially in dry weather. Contrarotation of the reel throws the removed fibre forwards rather than pushing it into the surface and holds the machine to the ground, maintaining a regular working depth.

The height of the handle is adjustable. Maximum safety is built-in with operation by a safety clutch lever and vee-belt drive. Simplicity of design, r o b u s t construction and built-in lubrication means minimal maintenance.

SISIS Equipment (Macclesfield) Ltd., Hulley Road, Macclesfield, Cheshire SK100 2LZ.

Hayters Professional Range of Mowers

The company's extensive range of professional mowers was well represented at the Institute of Groundsmanship Machinery Exhibition by Hayters Ltd.

The 6 ft. cut Hayter mower tractordrawn p-t-o powered unit for use on sportsgrounds and playing fields, golf courses, etc, was partnered by the Condor ride-on roller-propelled 30 in. cylinder lawn mower with large capacity grassbox and detachable trailer seat.

Suitable for large lawn areas, this machine is equipped with three forward gears plus a reverse gear with fail-safe device that gives extra manoeuvrability in confined areas. Moreover, through the option of a readily interchangeable 30 in. twin cutterhead rotary mower attachment in place of the 30 in. cylinder unit, the Hayter roller propelled Condor offers a bonus which permits areas of runaway growth to be quickly brought under control.

The mower is powered by a 259 c.c. MAG 4-stroke petrol engine, developing 6.2 h.p. at its governed speed of 3,000 r.p.m.

For Embankments

Latest addition to Hayter's Condor range of 30 in. mowers is a new wheel propelled rotary mower designed for cutting grass on steep motorway and reservoir embankments. This new machine is equipped with ratchet drive and is capable of safe and efficient operation on banks with gradients of up to 1 in 2.

Hayters Ltd., Spellbrook, Bishop's Stortford, Herts CM23 4 BU.

New Products

Ransomes

Ransomes have recently introduced a new Motor 5/3 mower.

Priced at £3,900 with five units, the new machine represents a significant advance in grass cutting machinery.

Filling the gap between the Motor Triple and the Hydraulic 5/7 Power Gang in the range, the Motor 5/3 is available with either five or three cutting units. The advantage of hydraulic drive to the cutting units is further extended by the use of separate hydraulic drive to the wheels. This gives great manoeuvrability and flexibility.

Ergonomics received great attention throughout the design stages of the machine, to minimise operator fatigue. No gear changing is necessary, and the machine goes from forward to reverse in one pedal operation.

The machine is powered by the four cylinder water cooled Ford Escort engine, making it very quiet in operation. Maximum cutting speed is about seven m.p.h. with a transport speed of twice that, to save time between cutting sites.

With five units, it cuts a full 138 in. The cutting units are pivot mounted to follow ground contours, and are hydraulically lifted and lowered into work in seconds.

Another new introduction is the Mark 2 version of the Hydraulic 5/7 Power Gang. This incorporates the new cutting units used on the Motor 5/3.

Ransomes Sims & Jefferies Ltd., Nacton Works, Ipswich IP3 9GG.

Leaf and Litter Collector

At Motspur Park, Kent Engineering & Foundry recently announced the 1973

version of their popular leaf and litter collector the 'Munivac'. New features include new style handle bar, greater visibility and improved bag support trailer.

Also available is the proven 425 and Motoblo Knapsack Sprayers ideal for weed and insect control as well as many special applications.

Kent Engineering & Foundry Ltd., Tovil, Maidstone, Kent.

Toro Groundmaster 72 grass cutter

The Toro Groundmaster 72 ride-on rotary is being introduced to the U.K. for the 1974 grasscutting season. The 20 h.p., in-line water-cooled engine on rubber mountings provides the power unit. Drive to the three heattreated 25 in, steel blades, providing a cutting width of 72 in., is through a transmission shaft with universal joints and an enclosed bevel gearbox. Shock overload through the three cutters are absorbed by two drive belts. Adjustment to the height of cut is by hydraulically raising the cutter housing. The range of cut is between 11 and 6 in. Operation of the Groundsmaster 72 is by single-foot pedal control of the hydrostatic drive for forward and reverse, with variable speed control from 0-10 m.p.h. The machine's zero-turning radius helps negotiate obstacles and has a facility for easy mounting of curbs by raising hydraulically the cutter unit.

The cutter unit is mounted independently from the main power unit on double ball joints. Because of the special arrangements of cutters within the housing it is possible to cut within $\frac{1}{2}$ in. of an upright obstacle at the right-hand side.

The machine weighs 1,600 lb. complete with cutter housing unit and is 50 in. high, 75 in. wide and 111 in. long and has a 48 in. wheelbase.

Flymo Ltd., Greycaine Road, Watford WD2 4 PT.



Head Greenkeeper

(Salary Range: £1794 – £2388 – under review)

The Corporation has promoted the development, to high standards, of a new 18-hole Golf Course which will, after completion, be leased to a commercial operator. Work on the course has already started.

In order that the future operator of the course can inherit the services of a Head Greenkeeper with full knowledge of the course, its construction, materials and drainage, the Corporation seeks to make an appointment to the above position. The successful candidate will initially liaise with the Golf Course Architect and the Contractors, involve himself in all aspects of the construction and fully acquaint himself with the physical characteristics of the course. Upon completion of the course the successful applicant will become fully responsible for its day-to-day maintenance. In order to ensure continuity of employment a condition of the disposal of the course will be that the successful applicant will transfer to the employ of the eventual operator at an equivalent salary.

Application Forms, which should be returned by Friday, 23 November, 1973, can be obtained from:-

The Secretary, Warrington New Town Development Corporation, P.O. Box 49, 80 Sankey Street, WARRINGTON, WA1 1SR.

Please quote reference: HG/BGG.

Situations Vacant

BINGLEY URBAN DISTRICT COUNCIL PARKS DEPARTMENT APPOINTMENT OF HEAD GREENKEEPER Applications are invited from quali-

fied Greenkeepers for the above post at the St. Ives Golf Course, Bingley, Yorkshire. Candidates must have received a

sound training in the maintenance of an 18 hole Golf Course and preference will be given to persons working in a similar capacity at the present time.

The successful applicant will control a groundstaff of three men and will be responsible directly to the Parks Superintendent. Salary £27.90 per 40 hour week plus bonus.

Housing accommodation will be considered.

Applications in writing stating age, qualifications and experience, to ge the r with the names and addresses of two referees to the Parks Superintendent, Town Hall, Bingley, Yorkshire.

WHITTINGTON BARRACKS GOLF CLUB

HEAD GREENKEEPER

required, applicants must have a comprehensive knowledge of latest mechanical equipment and he capable of maintaining the course to its present high standard.

Salary to be negotiated in line with recommended scales. House available, rent free, plus non-contributory pension scheme.

Apply in writing to: The Secretary, Whittington Barracks Golf Club, Tamworth Road, Lichfield, Staffs,

HEAD GREENKEEPER

required for a course near Birmingham, Good salary, Housing accommodation might be available.

Apply Box No. 101

CO. ARMAGH GOLF CLUB - ARMAGH N.I. HEAD GREENKEEPER

SALARY £2,200 p.a.

Applications are invited for the post of Head Greenkeeper for 18 holes inland course (12 new Greens and tees recently sown).

The person appointed will be required to maintain the course to the highest standards, have experience of machinery and modern methods and be capable of supervising the ground staff.

Salary £2,200 with annual increments.

Accommodation will be provided. Armagh is a historic Cathedral town (12,000 pop.), 37 miles from Belfast, 30 miles from the airport and free of community strife. Ample educational facilities, primary, grammar and technical schools.

Replies with references to:

Hon. Secretary, Co. Armagh Golf Club, 10 Charlemont Gdns., Armagh, N.I.

Situations Vacant

Ormskirk Golf Club

HEAD GREENKEEPER

Required for 18-hole Parkland Course.

Salary negotiable according to experience.

Apply stating experience, age and salary required:

The Secretary, Ormskirk Golf Club, Cranes Lane, Lathom, Ormskirk, Lancashire L40 5UJ

HEAD GREENKEEPER

Required soon for premier Championship Course in Wales. Realistic salary to the right man who must be capable, enthusiastic and experienced in modern methods of Seaside Links Course Maintenance to high standards, Ransomes Triplex Machinery and Pop Up systems.

Apply in confidence giving age and details of experience to:

The Secretary, Royal Porthcawl Golf Club, Glamorgan.

GREENKEEPER

Required for Challenging 18-hole Course and Driving Range, set on Kent/Sussex borders 16 miles Hastings, 56 miles London.

Country Cottage - Wages by negotiation.

Ring Ticehurst 8212 or Write: Dale Hill Golf Club, Ticehurst, Sussex.

Experiment Ground Superintendent

Experienced groundsman, greenkeeper, or other person familiar with turf maintenance required to fill the above interesting and responsible post at the St. Ives Research Station, Bingley. The position involves supervision of over 10 acres of experimental plots of turf and co-operation with technical staff in laying down new trials and recording existing ones. Salary to be negotiated. Pension scheme in operation. Further details from and applications to:

The Secretary, The Sports Turf Research Institute, Bingley, Yorkshire BD16 1AU. Continued from page 7

available for demonstration. The Multimower 2000 was introduced, the Rotacutter version able to cut down growth of up to 24 in. high, and the reelcutter up to 7 in.

Perhaps the highlight of the day was: No! not the excellent lunch supplied by Messrs. Andrews, or the free bar, both thoroughly appreciated by all visitors, but the helicopter ride to view Eton College, Old Windsor and the Castle with the Great Park from a new angle. This was certainly a new and much appreciated experience for which everyone would like to thank Andrews. I do not know who maintains the small golf course in the grounds of Windsor Castle, but from the air it looked to be in splendid condition - my compliments to the Greenkeeper! J. Dawes

The British Golf Greenkeeper



Special Occasions

- Nov. 1 Sheffield Section Lecture 7 North West Section Annual Trip
 - 7 Southern Section Lecture
 - 19 North West Section Lecture
- Dec. 3 Midland Section Lecture 6 Sheffield Section Lecture
 - 10 North West Section Lecture
- Jan. 3 Sheffield Section Lecture
 - 13 North West Section Lecture
 - 15 Midland Section Lecture

Midland Section

December Lecture

The first of our winter lectures will take place at the Handsworth Golf Club on Monday afternoon, December 3rd, at 2 p.m., with a film show and talk by Ransomes.

January Lecture

This will take place at the Kidderminster Golf Club on Tuesday, January 15th, at 2 p.m., with a film and talk on Toro Equipment by Flymo Institute Division.

February Lecture

Will be held at Blackwell Golf Club on Wednesday, February 20th, at 2 p.m. Details of lecture will appear in next month's issue.

Members and Officials of your club are most welcome to come along to these functions.

Greenkeepers v. Secretaries

The Annual Match against the Midland Secretaries took place at Blackwell Golf Club on Tuesday, August 28th.

RESULT

Secretaries	
S. Allen & R. Parsons	0
P. Meacock & F. B. Lock	1-6/5
G. Green & A.Ashworth	0
A. Webster & G. Greetham	1-1 up
N. Russell & G. Dring	0
P. Hope & A. Crooke	1
T. Hope a H, orono	21





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Selective or Total Weed Control Grass Growth Retarding Brushwood Control Aquatic Weeds

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> LLOYDS & CO. LTD. WEBBS LAWN MOWERS

* Distributors: DENNIS BROS, LTD.

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We will gladly call on you to advise on your grass cutting equipment or arrange demonstrations. Ring us now

153 Arch Stamford Brook Station, LONDON, W.6 01-748 5415

Warren's A-34

Recovers more quickly from injury, highly disease resistant, excellent dark green colour, tolerates heavy shade (up to 65%). Excellent for home lawns, playing fields and golf courses.

For information contact:

HURST GUNSON COOPER TABER LTD. Phone Witham 3451 WITHAM, ESSEX



Greenkeepers	
G. Woodward & A. Kite	1-1 up
V. Smith & A. Cutler	U
R. Goodwin & D. Haynes	1-4/3
R. Pullen & G. Hart	0
A. Boraston & G. Bunting	1-4/3
A. Jamieson & G. Smith	1/2
	31

The course was in ideal condition and with perfect weather a most enjoyable game was had by all.

I would also like to thank the Secretaries for providing the Greenkeepers with a splendid meal and a most enjoyable evening.

Autumn Tournament

The Autumn Tournament was held at Gay Hill Golf Club on Thursday, September 13th, over 27 holes.

Nett

1st D. Haynes	101	Clayton Cup &
2nd H. Drewitt 3rd D. Brazier 4th T. Cutler 5th A. Jamieson 6th E. Benbow 7th R. Chandler 8th R. Pullen 9th G. Bunting 10th R. Pugh 11th T. Morris 12th B. Lowe 13th V. Smith 14th J. Hughes 15th B. F. Ashley 16th J. Bevan 17th G. Woodward 18th A. Boraston	108 109 109 110 110 111 112 112 112 113 116 118 119 121	Electric Kettle Coffee Set Casserole Set Table Mats Table Lighter Bottle of Scotch Staver Cut Glass Table Lighter Bottle of Scotch Stainless Steel Silver Pencil Bottle Scotch Glasses Wine Bottle Scotch Bottle Scotch Bottle Scotch Bottle Scotch
19th T. Jones	123	Wine
Gross Prize-R. Goody Veterans-G. Hart-8		

Best aggregate for year-A. Cutler-283-Chair

The prizes were presented by Mr. W. Larkin, Chairman of the House Committee and Captain elect, who extended a warm welcome to greenkeepers and paid tribute to Derek Green, Head Greenkeeper, for the excellent condition of the course throughout the years.

On behalf of greenkeepers, George Hart thanked Mr. Larkin and the members of Gay Hill for the courtesies extended to the competitors throughout the day.

The Chairman also thanked Derek Green for all the hard work he and the green staff had put in for this tournament. He also thanked the prize donors and Bill Payne, Peter Wyatt, Roger Daniel and Frank Cashmore for officiating over the tournament.

Our thanks to the following donors of prizes: Thomas Clayton & Sons Ltd., Cannock Agricultural Ltd., Pattissons Ltd., May & Baker Ltd., Rigby Taylor Ltd., Atco Ltd., Flymo Ltd., Parker & Ballinger Ltd., E. T. Breakwell Ltd., Mr. J. W. R. Robinson, Mr. J. Martin, Mr. T. White, Mr. W. Trevor, Mr. L. Hatton, and Mr. J. Monk.

New Members

We welcome the following new members:

- T. Rawbone, Assistant Greenkeeper at Gay Hill G.C.
- J. N. Jones, Assistant at Portmadoc Golf Club, North Wales.



Sheffield Section

Annual Tournament

The Section Annual Tournament was played at Hillsborough Golf Club on July 18th and we thank the Captain and Committee for giving us this opportunity. The weather was perfect and the course in its usual good condition; the Steward and Stewardess looked after the calories more than well.

Thirty-one members took part and were joined in the afternoon by eight vice-presidents and visitors and we were very pleased indeed that our President, Mr. S. K. Arnold, found the time to get away from his Mayoral duties and enjoy a round of golf.

The prizes were presented to the winners by Mr. B. H. Webster, who was deputising for the Club Captain, who had visited us earlier in the day to offer his apologies for not being able to attend in the evening.

The leading scorers were:

	Gross	Nett
1 J. Clarke (Hallamshire)	112	103
2 C. Colton (Lindrick)	120	107
3 L. Allsebrook (Renishaw)	139	1071
4 B. Lunn (Silkstone)	120	109
5 A. Spencer (Lindrick)	122	110
6 T. Baxby (Knaresborough)	142	112
7 B. Heaney (Wortley)	126	1121
8 G. Herrington (Lindrick)	152	1141

Winter Lectures

The first of the winter lecture series will be held at Abbeydale Golf Club on Thursday, November 1st, at 3.30 p.m.

The lecture syllabus is not yet complete, these will be distributed as soon as possible.

All lectures will be at Abbeydale on the first Thursday in each month at 3.30 p.m.

Welsh Section

Autumn Tournament

Our Autumn Tournament was held at Ashburnham Golf Club on Wednesday, September 12th; the weather conditions were perfect, making it a most enjoyable day. Mr. J. Martin, our Chairman, thanked the Captain and Committee for the courtesy of the course and clubhouse. Thanks were also given to the green staff and indoor staff.

The Captain, Mr. Noel Rees, presented the prizes.

Best Gross – J. Rees. Score 126 for 27 holes – Stainless Steel Dish.

1st Division

1st E. J. Thomson, nett 113. Teaset, given by Ashburnham Golf Club

- 2nd J. Rees, nett 11512. Water Set.
- 3rd J. Martin, nett 120. Pewter, given by Welsh Mowers.
- 4th A. Price, nett 125¹/₂. Table Lighter, given by Flymo.

2nd Division

- 1st H. Stead, nett 122¹/₂. Stainless Steel Dish.
- 2nd D. Oliver, nett 212. Lighter, given by Pattisson.

Release your capital for other uses.



The British Golf Greenkeeper

1st Year

A prize of three golf balls each was given by R. S. Bird to the first year players, which was won by D. Williams and B. Hughes.

The Sid Tucker Memorial Cup, which is given for the best nett aggregate of the season, was won by J. Rees, 198, Table Lighter given by Cannock Fertilizers.

Our many thanks to the Trades for donating the prizes.

Annual Subscription

Would members please note that the subscriptions for the year are well overdue, and could you please send them on to the Treasurer, Mr. M. Geddes. Thank you.

Northern Section

New Members

We welcome to the section the following new members:

- G. Bennington, 8 Oaktree Grove, Hartburn, Stockton, Teesside TS18 5NG.
- J. Goddard, 78 Armley Ridge Road, Leeds 12.
- B. Collett, 18 Stanks Cross, Leeds 14.
- P. E. Taylor, The Cottages, Ferriby Road, Hessle, E. Yorks,

Southern Section

AUTUMN TOURNAMENT AT LANGLEY PARK

My sincere thanks to everyone who contributed towards making the above such a memorable occasion. The course was in splendid condition, thanks to Derek, the food first class and again we were surrounded by our willing band of helpers in the Trade.

I would also like to add my congratulations to everyone who completed the 36 holes on a very unusually hot September afternoon,

November

especially some of the older members; in particular Stan Morton. Stan, retired from active greenkeeping but so obviously not from playing the game of golf, is the oldest serving member of the B.G.G.A. and has been a member for 59 years. Well done Stan, we were all delighted to see you looking so well and to have you with us. It was also a great pleasure to welcome Mr. and Mrs. Dix on the occasion of our Autumn Tournament. Mrs. Dix came along as a guest of the Southern Section.

Mr. Leslie Needham, Vice-Captain of Langley Park G.C., presented the prizes and the results were as follows: BEST A.M. I. Smith & J. Adair (Beaconsfield) Pts 48 BEST P.M. A. Winter & S. Peters (Harefield) 38 **36 AGGREGATE** 36 AGGREGATE W. F. Machin & J. Davis (Addington Ct) R. Tempest & A. Lloyd (Darenth Valley) A. E. Watson & J. Maclune (Tyrrils Wood) R. Howlett & J. Pearce (Northbourne) C. W. Maston & A. G. Fathers (Lullingstone) T. Foster & P. Kingston (Maidenhead) C. Mitchell & S. Morris (Maidenhead) 82



75

Our thanks to Robert H. Andrews and Tom Warren for their contribution towards the prize list. Tom Warren also holed out in one at the 48th in the morning and to make it an extra unique occasion Mr. Wright, also a guest, did the same in the afternoon. These two gentlemen made it drinks all round after being presented with a Hole-in-One Tie each from the Southern Section. Special thanks to John, Derek and his wife for running the Benevolent Fund Raffle, proceeds of which were £35.00.

New Members

A warm welcome to the following new members whose names are listed below: J. Corbishley (Bovce Hill), L. Bunting (Ashridge), D. Handy (East Herts), J. C. Farrington (Frilford Heath) and J. P. Jackson (Hainault Forest).

October Lecture

This was to have been given by Douglas Gooding from Synchemicals but owing to it clashing with the England v. Poland match, support was poor and it was decided to postpone his visit. It will now take place at 6.30 p.m. at The George on Wednesday December 5th.

November Lecture

This will take place at The George at 6.30 p.m. on Wednesday, 7th November, Mr. J. D. Joss from the Sports Turf Research Institute will be talking to the Section on the subject of drainage.

North West Section

Lectures

Dates for this winter's series of talks and films are as follows:

- November 19th Mr. Lees, of S.A.I. Horticulture.
- December 10th J. Cogan Esq., Flymo Ltd.

January 13th – K. Vertigan Esq., SISIS Ltd.

February 18th – P. Wyatt Esq., H. Pattisson Esq.

Venue as last year due to the kindness of the Captain and Council of the Swinton Park Golf Club. Time 7.30 p.m.

Annual Trip

The Annual Trip will be to SISIS Ltd., of Macclesfield, on Wednesday, November 7th. Members who intend to go on this outing must let me know as soon as possible to enable me to complete arrangements.

New Members

We welcome to the Section the following new members and hope their association with the section will be a happy one:

- P. Boardman, Old Links G.C., Montserrat, Bolton.
- S. Curly, Crompton and Royton G.C., Royton, Lancs.

East Midland Section

Annual General Meeting

The Annual General Meeting was held at the Three Nuns Hotel, Loughborough on 25th July 1973; there was a good attendance.

The following were elected:

President: R. Bailey

Chairman: G. Darby

Vice-Chairman: W. Wood

Treasurer: A. Thornton

Secretary: S. Fretter

Section Rep.: P. McCarron

Committee: D. Whitehead, B. Mott, G. Arnold, W. Coles, I. Toone, R. Williams.

The British Golf Greenkeeper



NOW– Toro Trailed Gangs

Take a good look at the new Toro trailed gang mower. A single knob located in the centre of the Spartan adjusts the bottom blade to the cutting cylinder, easily, without tools—thus saving 75% adjustment time. This unique trailed gang mower can be equipped with wheels to meet varying traction, transport and cutting requirements. From $\frac{1}{2}$ " to $2\frac{1}{2}$ " cutting heights and a cutting width of 30" per unit. Available in sets of 7', 11'6", 16' and 21'6" \leftarrow IMMEDIATE DELIVERY.

TORO

For further details get in touch with **FLYMO INSTITUTIONAL** Greycaine Road, Watford, WD2 4PT (Watford 41301) Sole Distributors for Toro in U.K. and Channel Islands.

Quick-change artist

The Ransomes-Hahn Tournament Triplex is a remarkable machine — so remarkable that we call it the world's first Greens Management System. The Tournament Triplex is a 12hp vehicle with hydrostatic drive, which powers four separate turf maintaining operations. Each conversion, from superb greensmowing to utility mowing, to Verti-Cutting, to spiking takes less than a minute — and no spanner! **Greens Units** A full 67" cut. Each 23", nine-bladed cylinder can be lifted individually.

Utility Units Heavy-duty cutting cylinders and bottom blades for approach and tee mowing. Grass catchers provided with all units. Verti-cut Units Patented twin offset blades remove 'thatch', keep greens in play even in difficult conditions.

PLE

Vibra-Spiker Now spiking takes even less time than greensmowing. Highfrequency vibration penetrates to a depth of $1\frac{1}{2}''$ with a minimum of compaction. The combination of this unique quick-change unit feature, full 67'' swath for every operation, variable-speed units and individual unit lifts make the Tournament Triplex an investment which no club can ignore. Your local Distributor is keen to impress you with a demonstration. Give him a call.

Ransomes Sims & Jefferies Ltd., Ipswich.



Ransomes-Hahn Tournament Triplex