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HON. EDITOR: F. W. HAWTREE



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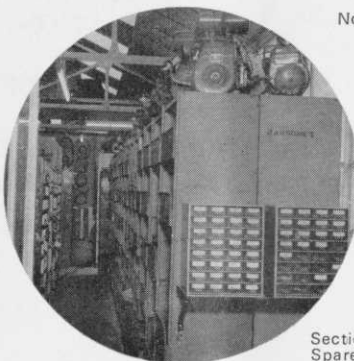
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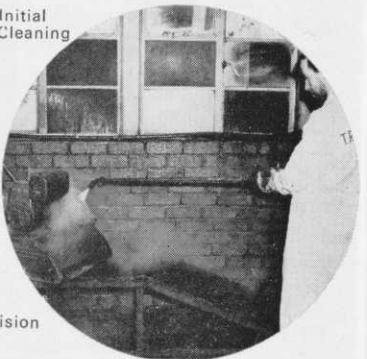
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TEE SHOTS



by the Editor

Mr H. Dodge has left the West Kent Golf Club and taken on the new Deangate Ridge Municipal Golf Course at Strood in Kent. It was interesting to see the transformation which took place when he took over from the contractors. An open space suddenly became a golf course, semi-rough appeared in all the right places, tees and greens suddenly looked right because they were mown right, and unkempt hedges suddenly looked tidy.

Now Mr Dodge is 48 and I admire him for tackling a job which is always more arduous than looking after an established course. What interests me particularly is the tradition he represents; automatically the job is organised on proper routine lines; automatically things are done which only a greenkeeper knows are necessary.

* * * *

The Greenkeepers' Association is something over 60 years old, its members have inherited a great tradition. They guard it and pass it on. Golfers argue about large greens, small greens, fast greens, slow greens. The greenkeeper quietly carries on and produces playing conditions according to the unwritten rules of his tradition.

The Apprenticeship Scheme is the best channel to ensure that this tradition is passed on. Without it, all the Green Committees in the world could not get things right.

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A QUESTION OF RENOVATION

By W. N. S. Bisset, Advisory Officer, Sports Turf Research Institute

IN most sports both the playing area and the player can have a rest at the end of a hard season to recover from the bumps and bruises obtained during play. The player can attend the treatment room to iron out any physical problems while the groundsman can give his uninterrupted attention to the playing area. This ensures that both are fit to receive further bumps the following season. This is not so on the golf course!

The golfer is out on the course for 12 months in the year in hail, rain or shine and even frost, if given the opportunity. He plays on the same areas most of the year and at times seems to expect summer conditions in the winter. Repair work on the golf course is, therefore, subject to constant wear and interruption and the timing of renovation has often got to be amended to suit the fixture card. It may appear to the golfer, therefore, that renovation is another of those jobs designed to cause him some inconvenience and he will query the need for it. These questions and the answers are set out hereafter.

What Makes Renovation Necessary?

The need for renovation is caused basically by concentrated wear on a small area of turf and it follows that if wear can be spread over a larger area, then damage to any particular spot is much less. This point can be illustrated by comparing large and small tees at holes of similar lengths. The "postage stamp" type of tee will give rise to concentrated and heavy damage and major renovation work will be required. Small greens or greens which have only a limited amount of usable pin positions suffer damage in the same way.

In addition to those factors several other agencies can cause thinning out of the grass cover, bare patches or loss of surface. Soil conditions in association with weather can have a marked effect, e.g. over-acid soils show less drought resistance, poorly drained soils

may suffocate the grass roots hence affecting general vigour.

Even normal maintenance operations inefficiently carried out can cause damage, e.g. scalping with mower or chemical scorch. The former is often seen on banks and surrounds of greens. Disease can also severely damage turf if allowed to develop fully.

Further damage can be caused by four-legged pests such as rabbits or moles and even by two-legged pests in the form of vandalism.

Why Should Renovation be Carried Out?

As all the agencies mentioned in the first answer affect the density of the grass cover the basic reason for renovation is to restore a dense turf. Bare or thin areas are susceptible to invasion from weeds, moss and weedgrasses, all of which mar the surface. On greens in particular a true surface is required and while renovation is designed basically to restore the grass cover, improvement of levels must also be carried out.

Can Renovation be Eliminated?

The short answer to this question is "No!" However, damage can be minimised. On small areas some major rebuilding would be necessary to reduce the amount of wear, i.e. extending tees or recontouring of greens and banks. Attention to the provision of optimum conditions for grass growth may also be necessary, e.g. liming of over-acid soil, drainage or removal of excess fibre.

The other causes of damage can, of course, be eliminated at source by taking care when spraying, etc., and controlling disease before damage is done, but accidents do happen!

Where is Renovation Required?

Renovation in some form or another is usually required everywhere the golfer expects to find grass, including

continued on page 6

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continued from page 4

tees, fairways, banks, surrounds and traffic areas round greens.

When Should Renovation be Carried Out?

Ideally renovation should be carried out as soon as the damage is done but weather conditions, the demands of play and calls on labour mean that this is usually postponed until the autumn. There are, however, exceptions, e.g. turfing out of damaged areas before major competitions. If postponement of renovation work is necessary steps can be taken to minimise or reduce certain types of damage. Areas scorched by chemicals or dry patches which have developed can be hand forked and thoroughly watered.

Any seeding to be done is best completed by the end of September while turfing should be finished by Christmas.

How Should Renovation be Carried Out?

Renovation can be carried out either by turfing or seeding and the decision to use either will be determined to a large extent by general circumstances and the area to be renovated.

Wherever renovation is to be carried out in the autumn maintenance operations such as scarification and aeration should first be completed so that sub-surface conditions are improved and further surface disturbance is not immediately required. On certain parts of the course it may be possible to re-route traffic until establishment is obtained.

On greens where intensive maintenance is carried out and a true putting surface is required turfing is generally to be preferred and, to provide suitable turf, the establishment of a turf nursery is desirable. A turf nursery should be large enough to meet one's annual turf requirement for a few years in advance and maintenance should be carried out along the same lines as the greens. When turfing it is, of course, essential to provide an evenly firmed turf bed prior to laying the turf to marry in with surrounding levels. If any sinkage does occur it can then be top dressed out.

Where suitable turf is not available

seeding will, of course, be necessary. Sometimes it is best for the affected areas to be patched out using turf from the edges of the green and the edges seeded up. On completely bare areas complete overseeding may be required after spiking and scarifying. A seed bed can then be prepared using a rake and/or a spiked roller. On thin areas hand rubbing in of a compost/seeds mixture should achieve the desired results.

Where heavily worn tees have to be renovated in the autumn an alternative teeing area should be provided. Adequate preparation is essential to relieve compaction and provide a good level seed or turf bed. On badly affected areas levels may have to be made good with a sandy compost before seeding or turfing. On less heavily worn areas it may be sufficient to adopt the normal divot-filling procedure, i.e. filling up scrapes with compost/seed mixture, following up with an overall top dressing at a later date.

Fairways divot filling should form part of routine maintenance but large bare areas should suggest a possible need for lime treatment before seeding or turfing and soil testing may be required. Spiking also should form part of the renovation procedure on these areas.

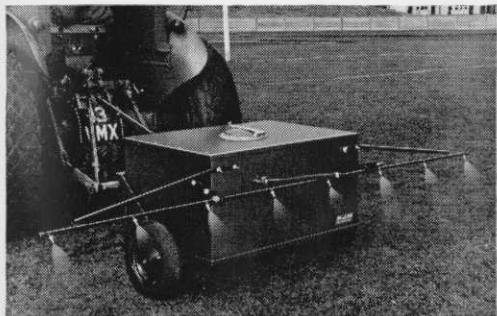
Worn paths between bunkers and beside greens and tees are often accepted as unavoidable evils but in a high proportion of cases it is possible to re-route traffic, enabling some natural recovery to take place. Recovery can be assisted by spiking to relieve compaction, fertiliser treatment to boost growth and over-seeding to establish the more desirable grasses. Sanding or composting of these areas may also help to provide a drier surface which is less susceptible to damage.

Results from renovation are often variable due to weather conditions and ensuing use — most areas having to remain in play and having to receive general maintenance, e.g. mowing. As with all immature things, time is required for them to be able to withstand the rigours of play but time is at a premium on the golf course.

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CORRESPONDENCE

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Dear Mr Dix,

Many thanks for your welcome letter received on the 30th May.

Further to my last comments, we are now in winter conditions, but quite different to those in the United Kingdom. The frosts here are only surface frosts and no snow at all. The real trouble is rain, somewhere in the region of three inches has fallen lately, which has made my greens very wet. I have had to put the deep slit tined machine on them to keep them opened up. Fusarium is very common here—everyone gets it, with the very humid conditions. The temperature, usually around 55 to 60 degrees during the winter months, and the heavy morning dews is ideal for Fusarium.

We have a new fungicide here called Benlate. It is applied at the rate of 4 ozs. per 100 sq. yards and is normally effective for about ten weeks, but there is a variation — much depends on the state of the greens, the more "poa" the more risk of Fusarium. Removing the dew is often carried out here as it helps to spread the spores.

The old "little and often" is the general practise here when it comes to fertilisers. Roughly $\frac{1}{2}$ oz. Balanced to the square yard every three weeks to keep a uniform growth as one must remember the grass grows here continually. I have to cut my greens three times a week without fail right along the line—fairways and tees likewise. I would think 60 per cent of the work is general maintenance, the damn grass never seems to stop growing.

On the machinery side Scott-Bonnar are the Ransomes of Australia, although

Ransomes machines are about and Flymo are also here with their three-unit Ride-On Models, but of course the price is too high. I have five Scott-Bonnar Super Cuts here for the greens—they are much the same as Ransomes 20-inch cut, ten blades—and they make a real good job of it. I also have three Massey Ferguson tractors (135) and they are very good, five powered Rotary Rough Cutters and a tractor-drawn Whirlwind Rough Cutter Rotary — I have a large amount of rough to cut. The members here don't like rough anywhere — with golf balls at 10/- each I can see why!

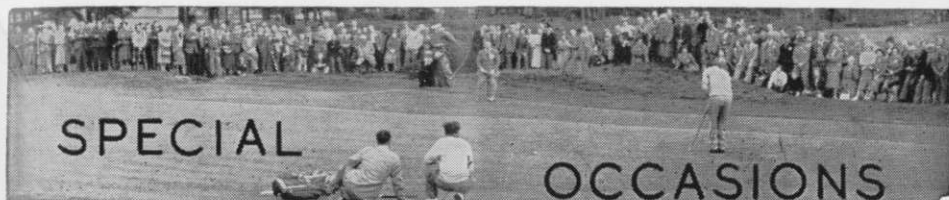
I received my journal last week and I was pleased to see that the Toro people from Watford had published my picture riding on a Toro 70 beside the first green at Wentworth Golf Club when I was working there as Head Greenkeeper — that brought back memories!

The mornings are getting lighter now. It starts getting light at 7 a.m. and dark at 5.30 p.m., but we are in our shortest time now. Average temperatures are now between 45 degrees minimum and 60 degrees maximum. By the end of September the temperatures will have reached 65-70 degrees and of course from November to February they jump sky high to anything up to 100 degrees and then watering is the main part of greenkeeping and is usually done during the late evening or from about 4 a.m. before the sun rises which is round about 5.30 a.m. This allows the water to soak into the turf before the heat of the day dries it up.

I will be pleased to hear from you at any time.

Your sincerely,

Len Partridge.



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SEPT.	8th 8th 14th 14th 15th 16th	Southern Section Autumn Tournament Welsh Section Autumn Tournament Midland Section Autumn Tournament International Sportsground Machinery and Equipment Exhibition — Motspur Park
	23rd	East Midland Autumn Tournament
OCT.	6th 6th 8th	Welsh Section Friendly v. South-West Section Southern Section Quiz — The Ship Tavern, E.C.3 North-West Section Tournament
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A TRIBUTE TO WILLIE BRADFORD

It was with deep regret that he heard the sad news of the passing of Willie Bradford on Friday, 18th June, after a serious illness.

Willie had been Head Greenkeeper at Buchanan Castle Golf Club since the course was opened before the last war. At 67 years of age he was one of the oldest and most respected members of our Association, with a wide knowledge of all aspects — both practical and scientific — of the profession of green-keeping. All who knew him and worked with him will pay tribute to his sincerity, kindness, quiet determination, and above all his extensive experience in the art of turf culture, which is the hallmark of a dedicated man of the turf.

He became General Secretary of our Association in 1954 and served in this capacity until 1957. In 1959 he was elected Scottish chairman, and held this office until 1962. It was during this period that he concentrated all his efforts on the details of a draft to form the basis of a scheme to encourage young apprentices to take up greenkeeping as a career, and it was on this foundation that the present scheme administered by the Joint Council is based. For a number of years Willie served on this council as our own S.G.G.A. representative.

During the past few years we did not see much of him at our meetings but he never lost interest in all our activities, and when asked was always willing to offer his sound practical advice. His passing leaves a huge gap in our ranks, for he will be missed by us all. We extend our sincerest sympathy to his widow and family in their sad loss.

R. B. MOFFAT, General Secretary.

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ABC's OF COURSE LANDSCAPING

by RICHARD PHELPS

Trees properly used can bring many dividends to a golf course. Here an expert tells how to make trees function aesthetically, advantageously and strategically

WHAT makes a golf course great? To quote one famous player, "The classic test must combine woods, wind and water."

Certainly a course without at least a sizable number of well-placed trees is so barren it looks sterile. Actually, except for a few superb seaside links like St Andrews, most beautiful, tough courses are thick with trees.

How many times the role of trees is taken for granted in golf course design and maintenance! Planners often fail to give them proper consideration as living things, just like turf, with individual characteristics and specified life spans.

Usually the builder of a new course faces one of two basic problems with tree layouts. A site may have either too many trees or too few. It is left to the architect to mark those to be cut down and he may also work up a planting plan.

For any course, the superintendent should have a basic, well-conceived tree-planting program. Every season his budget should provide enough money not only to maintain existing trees but also to replace those dying or damaged and allow new planting to the course.

Although a budget always presents a problem, the character of a course can be completely altered by moving in large trees. Today there are machines that can transplant trees of 20 feet or more in height and eight inches or more in diameter, depending on the species.

While trees will beautify any open site, they particularly enhance the appearance of golf courses. By carefully selecting and placing trees, architects and superintendents can provide golfers with color, texture, fragrance, scale, illusion, mood, safety and, most important, with golf shot values.

From the golfer's viewpoint, here are some specific functions of trees on golf courses:

- To serve as a safety screen between fairways or between greens and adjacent tees to protect players from errant shots.

- To frame and define the path to the hole from tee to green along fairways — not straight rows of trees but natural groupings.

- To screen players' views and to outline course boundaries from out-of-play areas such as sod nurseries and maintenance shops.

- To provide shade comfort to players in vicinity of tees.

- To offer shot alternatives or control the line of play from tee to green by strategic placement of single specimens or small groups.

- To modify the natural environment of the course by reducing wind, filtering harsh sunlight, and muffling road and highway sounds.

- To add pure aesthetic values, which is a major consideration for any course.

These effects are rarely created by accident. On most great courses where trees affect shot values, the selection of those trees to remain after clearing and the planting of any new trees is an integral part of a highly professional and meticulously conceived plan.

Landscape Plan Required

There is one universal principle for any golf course — old or new, nine holes or 36, public or private: *have a master landscape plan and never stop working from it.*

A landscape plan for a new course should be part of the services furnished by the golf architect. No golf course plan is complete without it regardless of how many years it takes to implement the entire landscaping program.

The major considerations that go into a planting plan include topography, geology, ecology, climate, existing plantings on the site, type of course, rural-vs.-

urban setting, and, of course, budget limitations.

How many trees does your course need? There is no pat answer. Your total acreage, the numbers and sizes of existing plant materials and of any that are yet to be planted, natural environment — all these govern your figures. The famous Olympic CC in San Francisco, site of two U.S. Opens, for example, was cut through heavy woods with about 70,000 trees.

It would be unrealistic to ponder bringing in mature trees in such numbers to any open site. On the other hand, planting 200 or even 500 trees of approximately 10 feet heights on some new courses represents a mere drop in the bucket for framing holes and even adding much beauty. Of course, the number of trees added is less important than their size and placement. A few large (20 feet-plus), strategically placed specimens do more for a new course than 100 half-inch-caliper whips.

More and more, maintenance costs and problems are a significant factor in landscaping programs. Water requirements, shading, and air drainage are important in determining how tree numbers and types can affect turf.

Air drainage is especially crucial in the proximity of greens. The architect or superintendent who is building a new hole must analyze whether or not the green will get enough sun and air in its planned location. A common error committed on courses that are cut through dense growth is to leave too much vegetation close to a green. The result is restricted air flow and diseased turf.

Maintenance of and around the trees themselves should be a prime factor in the choice of tree species. Autumn leaves are an annual irritation to golfers, a nuisance to superintendents, and always a potential problem to turf. Small twigs that break easily and litter the turf are common to quick-growing trees like elms, willows and poplars. Fruit trees on a golf course present both a maintenance and playing hazard. Fallen fruit gets underfoot, tangles mowers and attracts insects in addition to creating an eyesore. Certain varieties of seeds, such as the white "cotton"

from cottonwoods, and some seasonal blossoms will cover a great deal of the playing areas and make it rather difficult to spot golf balls on the ground.

There are definite questions to ask about a proposed species for a course: How susceptible is it to insects and disease? How much pruning is needed annually? Will the root system cause trouble to surrounding turf? Will it branch high enough to clear both golfers and maintenance machines? Does it require a special quality of soil to thrive?

Once new trees are planted, the superintendent cannot forget about them. In most areas they cannot survive without care. A program should include fertilizing, mulching, wrapping, staking and watering. If trees are properly handled in moving, and are native to the climate area, the percentage of successes will be high.

There are about 1,100 native tree species, and at least nine climatic regions in this country alone. Recommending "best" choices for any given course is impossible in this discussion. Near any course site, a visual inventory of what types do well is the best guide. Other superintendents, nurserymen, county agents, or landscape architects are logical sources of advice.

Proper Tree Planting

Here are some tips for the superintendent and grounds committee on using trees to improve a course:

- Around tees, trees may be close to the back edges, but should not overhang along the sides. They should have deep roots with high, but not dense, branches.

- Around greens, all trees should be set back so that the outer foliage line is no closer than 15 feet from the green edge. Ideally, a green-area species should be deep-rooted; provide only light shade; have high and strong branching; cause a minimum of litter; and not be odd-colored.

- Planting a single specimen tree because of its color, flowers, form or texture should be done only rarely. Too many unique specimens just make a

continued on page 14

continued from page 13

collection of oddities. A few native varieties, placed in groups, create a more natural look.

- Trees used as background behind greens or as direction indicators should be large, dense, heavy and dark-colored.

- For view screens or windbreaks, the choice should be among types that are dense, low-branching, fast-growing and strong. Evergreens fit all these requirements well.

- Shrubs are practical only around tee areas, and sometimes along boundary lines. They should never be used along fairway play areas or near greens.

- Along an open fairway, one large tree will do more to guide the line of play and set off the corner of a dogleg than a clump of small ones.

- Although many courses have them, special "marker" trees along each fairway — usually 150 yards to the green — should be avoided. They seldom fit into the landscape naturally. Also, such placement eliminates the challenge of judging distance. Because many golfers want such help, if you use them, choose species that look as natural to your setting as possible.

- Plant fairway line trees in clumps or natural groupings. First priority should be in tee shot landing areas of 175 to 225-yard zones. This will frame the hole, provide beauty and minimize the effect of stray shots.

- Although machine maintenance is a major consideration, don't feel you must always plant groups in wide, even spacings. Plant some in uneven groupings and others in tight clumps — one-third foot apart — to create the look of nature's work.

- Don't overlook the club entrance, driveway and clubhouse area. These areas also make a big beginning impression on golfers, members and visitors.

Landscaping a golf course properly is an art apart from all other landscaping. The thoughtful selection and skilful placement of tree species are the final brilliant brush strokes in creating an attractive, challenging and fair course. This end can be achieved masterfully if the superintendent keeps three considerations in the front of his mind: consider the golfer, consider beauty, consider maintenance. First, last and always, though, plan a permanent, long-range landscaping program and never stop working from it.

Richard Phelps, president of Phelps-Brauer & Associates, Lakewood, Colo., has designed some 40 golf courses throughout the country. He received his bachelor's and master's degrees from Iowa State University in landscape architecture, specializing in his post-graduate work in golf course planning. His thesis on landscaping golf courses has been used by the U.S.G.A. Green Section as a basic reference. Phelps is a member of the American Society of Golf Course Architects.

(With grateful acknowledgement to the "Golf Superintendent".)

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TRADE NEWS

SILVER MEDAL FOR FLAIL MOWER

The recently introduced 30-in. Pedestrian Flail Mower made by Ransomes was awarded a silver medal by the Royal Cornwall Agricultural Association at an exhibition held at Wadebridge. The silver medal is awarded for machines of outstanding performance and functional design features. Ransomes introduced this machine earlier this year and it has already met with considerable success throughout the United Kingdom.

FISONS AT MOTSPUR PARK 1971

The service to sporting interests offered by Fisons Agrochemical Division through their fertilisers, chemical weedkillers and peat and compost range will again be demonstrated at the International Sportsground Machinery and

Equipment Exhibition at Motspur Park in September.

Turf maintenance will be demonstrated by a display showing how sports turf is kept in good condition through comprehensive autumn treatment with specialised peat compost. The control of common turf weeds by Cambadex and Mecodex, and moss control by Fisons Mosstoll will also be shown. In addition, there will be a display of plants grown in Levington Potting Compost and Levington Pot Plant Compost.

Members of the sales and technical staff will be available on the stand during the show to discuss products and treatment.

HAYTER MOWERS AT MOTSPUR PARK

The latest mowers from their wide range, including hand and self propelled rotary and cylinder mowers and tractor-drawn machines, will be shown by Hayters Ltd. of Spellbrook, Bishop's

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TRADE NEWS continued

Stortford, Herts., at the Institute of Groundsmanship Exhibition at Motspur Park.

The professional machines on show will include the Condor, an inset wheel propelled mower with interchangeable twin rotary and cylinder verge mower units. Ideal for rough grass areas, verges, recreation grounds, and caravan sites in open or confined spaces, the 30-inch cut machine is powered by a MAG 258c.c. four-stroke engine and has three forward speeds and one reverse. A brake is provided and a trailer seat is optional.

Another machine on show will be the Osprey, a lightweight self-propelled mower particularly suitable for areas which include short banks. Features are a rotary, 600m.m. cut, with a two-stroke JLO engine and optional trailer seat.

Also featured will be the 12-inch cut rotary Hayter Hawk, which is ideal for use in cemeteries for cutting between gravestones and is equally effective for the maintenance of verges, for cutting close to kerbs, walls and similar obstructions, and around such obstacles as lamp posts and road signs.

Features include inset wheels and roller, and a $3\frac{1}{2}$ h.p. four-stroke Briggs & Stratton engine.

Interchangeable

Designed for the economical maintenance of extensive grass areas, the 26-inch Hayter mower roller propelled rotary mower will be another machine on show. It has a split rear roller of ribbed rubber-covered steel for traction, smooth running and manoeuvrability.

The rotary unit — being detachable

— is easily interchangeable with the 30-inch cylinder lawn mower or the 30-inch verge mower attachment.

The machine is fitted with a three-speed gearbox, with kick-starter, and has forward speeds of $1\frac{3}{4}$ m.p.h., $2\frac{3}{4}$ m.p.h. and $4\frac{3}{4}$ m.p.h. Cutting heights range from $1\frac{1}{2}$ in. to 6 in., and it is powered by a MAG 258c.c. four-stroke engine.

WATCH AT B.G.G.A. TOURNAMENT

At this year's British Golf Greenkeepers' Association annual golf tournament which is being held at Hollinwell Golf Club during August, Ransomes will be presenting a special prize of a gold watch. In addition to this Ransomes will also be presenting watches as prizes at all the B.G.G.A. branch golf tournaments throughout the United Kingdom.

Ransomes manufacture a wide range of professional grass machinery which includes tailor-made golf club accessories.

Mr A. J. H. COOK

Mr A. J. H. Cook, one of the British Greenkeepers' Association's best known and hard-working members, has recently retired from the presidency of the East Midlands branch. His work in the past few years has done much to further the aims of the association, especially in the East Midlands. Up until 1965 John Cook was a grass machinery representative for Ransomes in the East Midlands area, a position he held for many years. He will continue in office as vice-president of the East Midlands branch of the British Greenkeepers' Association.

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THE BRITISH GOLF GREENKEEPERS' ASSOCIATION
ANNUAL GENERAL MEETING

Notts Golf Club, 23rd August 1971 at 2.30 p.m.

AGENDA

1. Minutes of the last Annual General Meeting, and the Extraordinary General Meeting on 8th May 1971.
2. Annual Report.
3. Financial Statement.
4. Executive Committee Report.
5. Election of Officers.
6. Proposition from Mr S. Fretter of the East Midland Section that any Groundsman be allowed to become a member of the British Golf Greenkeepers' Association wherever he is employed.
7. Proposition from Mr J. Scott, seconded by Mr A. Robertshaw, that Mr W. Mountain, president of the Northern Section, be nominated as a Vice-President of the British Golf Greenkeepers' Association.
8. Any other business.



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News



from the Sections

NORTHERN

Chairman:
J. SCOTT,
(Wetherby G.C.)

By W. Heeles
Hon. Secretary
7 Tentergate Close,
Knaresborough,
Tel. 047 376 3851

Hole-in-One

Herbert (Bert) Lacey, whilst playing a round of golf at Hawley Hall Golf Club, holed his tee shot at the 15th hole (165 yards).

A.G.M.

The A.G.M. of the section was held at the Old Queen's Head Hotel, Bingley, on 22nd June 1971.

Twenty-seven members attended. The committee appointed for the coming year was as follows: *Chairman*, J. Scott; *Vice-Chairman*, C. Geddes; *Hon. Secretary and Treasurer*, W. Heeles; *Committee*, Messrs D. Roberts, J. Doull, C. Garnett, A. Robertshaw, J. Marshall, G. Bennison, D. Hannan, D. Ward.

Subscriptions

Would members please note that subscriptions are now overdue. Cheques and postal orders only by post — please make payable to the British Golf Greenkeepers' Association (Northern Section).

New Members

A warm welcome is extended to all our new members who are as follows: A. C. Mountain, T. L. Hall, D. Anderson, J. P. Mason, A. Gamble, G. Love, D. Gibson, R. Bartle, S. Fairbourne, C. Storr, W. A. Mountain, E. Armitage, H. Lacey.

President's Prize

The President's Prize was played for on 5th July 1971 at Alwoodley Golf Club, Leeds. There was a splendid turnout and a good time was had by all. Many thanks are due to our president, Mr W. Mountain.

Results—1st Division: 1st, Walter Heeles, 78-7=81; 2nd, C. Geddes, 86-15=71. 2nd Division: 1st, A. Burge, 92-12=72; 2nd, J. Storey, 95-22=73.

John Parker

On behalf of the section I would like to take this opportunity of thanking John Parker for all the hard work he has done as section secretary during the past 12 years.

NORTH-EAST

Chairman:
J. SIMPSON

By G. Jeffries
Hon. Secretary:
55 Brackenfield Road,
Framwell Gate Moor, Durham.

Annual General Meeting

Our Annual General Meeting was held on Saturday, June 26th, at the Bridge Hotel, Newcastle, 22 members being present.

Our chairman, Mr J. Simpson, opened the meeting and in his remarks thanked the committee and members for their support during the past year. Report on the year's working was given by the secretary and treasurer and was considered satisfactory.

Officers elected for the ensuing year were as follows: *President*, C. N. Storey, Esq.; *Vice-Presidents* were returned en bloc. *Chairman*, J. Simpson, Esq.; *Vice-Chairman*, N. Fraser, Esq.; *Secretary and Treasurer*, G. Jeffries; *Committee*, Messrs T. Nutman, J. Taylor, D. Holmes, T. Oliver, R. Derham, J. Snowdon, T. Robson and L. Self; *Hon. Auditors*, Messrs Chapman, Hilton, Hutchinson and Dunford.

The chairman, on behalf of the committee and members, thanked our hon. auditors for their work with the accounts, and Tom Oliver for his help at our golf competitions.

Autumn Tournament

This will be a 27-hole event commencing approximately 9 a.m. at the Ponteland Golf Club, by kind permission of their committee.

MIDLAND

Chairman:
G. HART
(Gay Hill)

By R. Goodwin
Hon. Secretary:
4 Burton Old Road,
Streethay, Lichfield,
Staffs.

President's Team v. Greenkeepers

This splendid fixture took place at the Handsworth Golf Club on Thursday, 24th June, a beautiful summer evening. With

conditions perfect, the President's team again had the edge on the Greenkeepers and won by 6½ games to 4½.

Results (president's team names first)—1, H. J. Roberts and E. Moggs Wright beat W. Marnock and T. Morris 3 and 2; 2, H. Mitchell and A. Pullar beat V. Smith and A. Robertshaw 1 up; 3, R. Whittington and H. G. Lunt halved E. Benbow and A. Boraston a/s; 4, W. N. Dudley Evans and T. Hodgetts lost to D. Brazier and A. Cutler 2 up; 5, D. Davies and V. Bull beat H. Drewitt and W. Drewitt 5 and 4; 6, C. C. Moore and T. Phillips beat T. Cutler and A. Hastilow 4 and 3; 7, J. Bate and P. Hopkins lost to R. Goodwin and H. V. Lewis 5 and 4; 8, R. J. Baldwin and P. Ricketts lost to T. Boffy and G. Bunting 3 and 1; 9, F. Williamson and C. Alger lost to R. Ramsden and E. Ballinger 2 and 1; 10, R. D. Parker and D. J. Moore beat W. Boyce and D. Shortley 5 and 4; 11, R. Hiatt and partner beat W. Barton and J. Bevan 1 up.

Mr Bretherton again presented everyone with an excellent meal after the match and the gratitude of all present was expressed by Adrian Robershaw, the association chairman, Mr Darbyshire of the Handsworth Golf Club, Mr Bob Yates for the Midland Counties' golfers, and Mr Vic Smith, vice-chairman of the Midlands Section.

In the clubhouse, Mr and Mrs Thistleton put on an excellent meal with first-class service, while Vic Smith and his ground staff had the course in wonderful condition.

All greenkeepers, I am sure, will join me once again in thanking Mr Bretherton for providing a most enjoyable evening.

Autumn Tournament

This event will be held at the Stourbridge Golf Club on Tuesday, 14th September, over 27 holes. Members should submit their entries by 3rd September.

New Members

We welcome to the section the following new members: Alan Parton of the Sutton Coldfield Golf Club and F. McAuley of Leamington.

WELSH

By S. A. Tucker

Chairman:
M. GEDDES,
23 Fenton Place.

Porthcawl, Glamorgan.

Hon. Secretary:
36 Clase Road,
Morriston.

Swansea, Glamorgan.

A.G.M.

Our tournament before the Annual General Meeting was played at Royal Porthcawl Golf Club in conjunction with the Secretaries' Meeting. As in other years we were entertained to supper with the Glamorgan County Union, and we thank them for a very pleasant evening. Our attendance was not what it could have been due mainly to the journal not being delivered

until the 1st July, but perhaps a little of the fault goes to the post office strike as I did not hear of the date until 4th May. I trust this will not happen again. We had a very good meeting and the weather was fine, but I think the scores could have been a little better than some of them were. The John Duncan Cup was won by B. D. Jones—net 72. He receives the gold watch given by Ransomes, Sims & Jefferies. Second was J. Hill. He receives the John O'Gorman Cup with a soup set. Third, H. Fry—kitchen Pyrex set. H. Fry won on last six holes with four cards in at 80 net, J. Hill 76 net. Fourth, D. Jones—Ronson Lighter given by Pattison Ltd. Fifth, D. Cheetham—two pairs of socks. 19/24 Handicap: 1st, A. W. Coluhoun—bottle sherry and Birdie Cup. Second, M. Jones—one dozen golf balls given by Flymo.

Thanks to Peter Wyatt for the help he gave me in taking the chair at our meeting and for helping with the many other jobs we have to do. Thank you, Peter.

Draw Tickets

I hope you have returned the counterfoils and monies or the unsold tickets for the Annual Draw by the time you read these notes. If not, please attend to it right away as I have quite a bit of work to do to get them all checked, packed and sent off to head office in time for the draw. Please try and sell them all, your co-operation will help me a lot. Thank you for your effort.

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Chairman:
C. A. MOORE
(Stanmore)

By F. W. Ford
Hon. Secretary:
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October Quiz

The quiz is to be held at 6.30 p.m. on Wednesday, 6th October at our new meeting place, The Ship Tavern, 27 Lime Street, London, E.C.3. Telephone 01-626 2978. Nearest Underground station—The Bank.

The room at our disposal at The Ship is almost rectangular in shape and much more suitable for our lectures, etc. Leaving the Stirling Castle after all these years came as a bit of a wrench but the alterations to the room we used made it inevitable. The proprietors of the Stirling Castle, Mr Young and his wife, said they would miss us on our Wednesday evenings but that if we ever wanted to go back we would be welcome.

Autumn Tournament

The Autumn Tournament will be held at Walton Heath on 8th September. For the benefit of new members this popular tournament made its debut at Crews Hill in 1957. It was decided that members should invite the captain of their respective clubs to partner them in a 36-hole Stableford competition with the proviso that if he were not available, a committee man and so on to any member of the club. Prizes were selected with care and duplicated and, with the voluntary help from the trade, the Crews Hill venue proved such a success that your committee decided it should have a permanent place in our calendar of events.

The closing date is Wednesday, 25th August, and entries should reach me by that date stating, in block letters, name, club and his and partner's handicap and whether late start is required. Partner must be a member of the club.

Appointment

Congratulations and best wishes to J. S. Field who has been appointed head greenkeeper to the Middlesex Golf Club.

Raffle Tickets

My acknowledgement and sincere thanks to all those who have returned the counterfoils and moneys to me.

NORTH-WEST

Chairman:
J. GILLET,
(St Anne's Old Links)

By H. M. Walsh
Hon. Secretary:
Horrobin Cottage,
Old Links Golf Club,
Montserrat, Bolton, Lancs.

Autumn Tournament

The Autumn Tournament will be held at the Childwall Golf Club, Gateacre, near Liverpool, on Thursday, 7th October, due

to the kindness of the captain and council. Details will be given nearer the date, but I would like to have your entries in good time to help with the catering arrangements. A route giving the best points of entry to the club will be in the next issue of the journal.

Draw Tickets

Please let me have monies and counterfoils as soon as possible now.

New Member

We welcome to the section R. Lewis of the Davyhulme Park Golf Club, formerly a member of the Northern Section, and hope his association will be a happy one.

Annual Trip

There will be another trip this autumn to the International Sports Co. Ltd., Horbury, Wakefield, Yorkshire, on Tuesday, 9th November. A coach will be arranged provided sufficient members are interested. Will all those who wish to go on this trip please let me know as soon as possible. It is four years since we visited this company and I think all the members who went found it most interesting as I am sure we will this time. Further details in the next issue of the journal.

EAST MIDLAND

By S. Fretter

Hon. Secretary:
4 Queens Drive,
Leicester Forest East,
Leicester.

Chairman:
J. CARRICK

Autumn Tournament

The Autumn Tournament will be played at the Oakdale Golf Club, Harrogate, on 23rd September 1971. Tee-off time 1-1.30 p.m. To allow for catering arrangements entries must be in by 16th September.

New Members

We welcome to the section the following new members and hope their association with the section will be a long and happy one. D. Lawton (West Bowling G.C.), R. Clapham (Cleckheaton G.C.), D. Jack (Woodhall Hills G.C.), G. H. Sanderson (Horsforth G.C.), R. Skelton (I.C.I. Fibres, (Harrogate)), G. Dunnington (A.C.C. Div. Allbright and Wilson).

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ENQUIRY BUREAU.—The Editor desires to point out that he will be pleased to answer enquiries from our readers, and forward to them the name and address of the manufacturer or supplier of any particular proprietary article or product used in the construction, maintenance and upkeep of a golf course. Enquiries are coming in from greenkeepers asking for such information. They may, for example, know the trade name of the article or product they wish to purchase, but may not be conversant with the name and address of the actual manufacturer or supplier. The Enquiry Bureau will gladly supply this information, and thus enable the greenkeeper to contact the manufacturer or supplier direct.

TO MANUFACTURERS.—In order that our information may be kept constantly up to date, manufacturers or suppliers are requested to forward their latest trade lists, catalogues, and any other confidential information regarding their products. By so doing the Bureau will be able to function to the mutual benefit of all concerned.

TRADE REVIEWS.—The Editor will be pleased to arrange to devote space in our editorial columns to a review of our advertisers' products, etc. Will advertisers please forward details for this purpose.

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CARTERS' TESTED SEEDS, Ltd., Raynes Park, London, S.W.20.
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with power driven cutting cylinders

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