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GREENKEEPER

HON. EDITOR: F. W. HAWTREE



FOUNDED 1912

PUBLISHED MONTHLY FOR THE
BENEFIT OF GREENKEEPERS,
GREENKEEPING AND THE GAME
OF GOLF BY THE BRITISH GOLF
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The Association is affiliated to the
English and Welsh Golf Unions.

No. 317 New Series

OCTOBER 1971

OCTOBER

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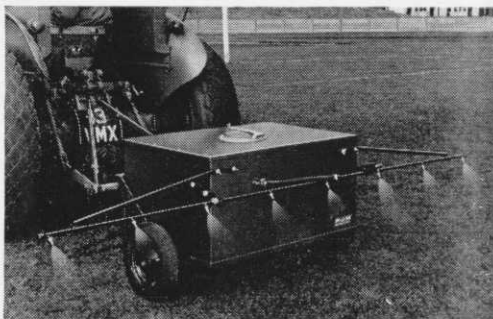
EDITORIAL AND ADVERTISEMENT OFFICES: Addington Court Golf Club, Featherbed Lane, Addington, Croydon, Surrey. Telephone: 01-657 0281. SUBSCRIPTION RATE: £1.25 for 12 issues post paid. Published during the first week of each month. LATEST COPY DATE: 8th of month prior to insertion. All rights reserved. Reproduction of original articles and photographs in whole or in part is prohibited. This Magazine shall not, without the written consent of the publishers first given, be re-sold, lent, hired out, or otherwise disposed of. Contributions and photographs of interest are invited.

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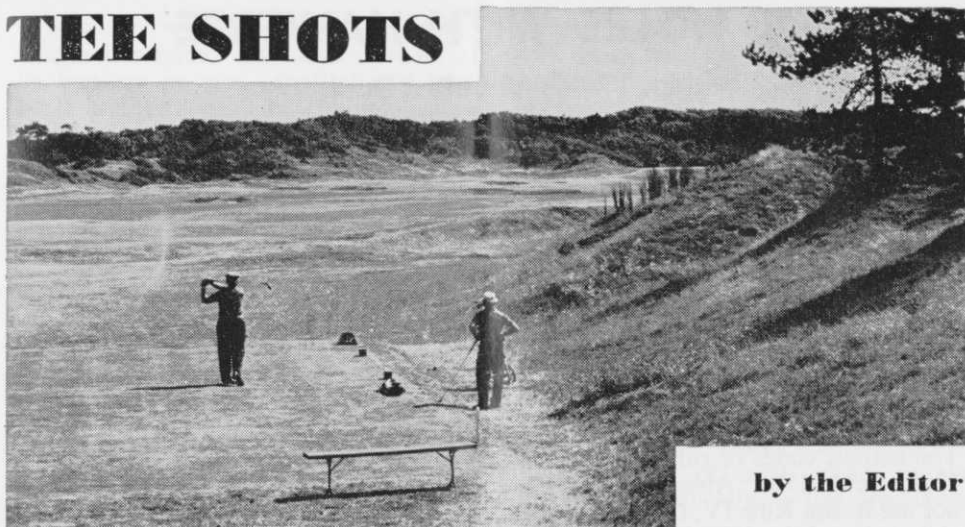


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TEE SHOTS



by the Editor

The construction of new courses is still dominated by municipal effort. At this moment, probably a hundred local authorities are thinking about providing local inhabitants with more room for golf and if all these schemes are realised the present discomforts of municipal golf will be much reduced.

Schemes already under construction are these at Easthampstead (covering Wokingham and Bracknell as well), Newcastle-under-Lyme, Luton, Strood, Tonbridge, Grangemouth in Scotland, the London Borough of Havering, Scunthorpe, Portsmouth and Ellesmere Port.

Schemes actively in process of preparation include courses at Swindon, an extension from nine to 18 holes at Nelson, at Aberdeen, Richmond and in the Lea Valley.

Others are being investigated at Bromyard, Wirral, Rayleigh, an extension from nine to 18 at Berwick on Tweed, at Bristol, Caerleon and Cheshunt.

Where will all the greenkeepers come from to man these courses?

The only initiative ever taken to meet this problem has come from within the ranks of greenkeepers themselves. Clubs watch their staff diminish and hope that more mechanisation will do the work. But there is a limit to this line of action and some of the latest machines like the ride-on triple mowers produce their own problems.

Golf Unions seem primarily concerned with championships, the Golf Development Council with producing more golf courses, the Golf Foundation with producing more golfers.

It is time they all got their heads together to decide what must be done to ensure that all their efforts will not founder on the simple basic need for good maintenance.

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18 HOLES WITH HAWTREE

No. 17 — What is a Bunker?

By F. W. HAWTREE

An eighteenth-century golfer, recalled from the Elysian Fields for a mixed foursome, would not understand many features of the contemporary game. Tee, green, hole, style, garb, his partner, all are different. But he would recognise the bunkers even if he did refer to them as "hazards".

The word "bunker" was not written into the golfing vocabulary until 1824. The earliest codes of rules (St. Andrews 1754, Leith 1775, Aberdeen 1783) did not use it. But Rule IV, Lifting of Break-clubs, etc., of the 1858 Royal & Ancient Rules reads: "All loose impediments within a club length of the ball may be removed on or off the Course, when the ball lies on grass When a ball lies in a bunker or sand, there shall be no impression made, nor sand or other obstacle removed by the club, or otherwise, before striking at the ball. When a ball lies within a club-length of a washing-tub, the tub may be removed, and when on clothes the ball may be lifted and dropped behind them". The distinction "bunker or sand" does not necessarily mean that bunkers were not sanded but, in dialect at least, the original bunker was an earthen seat or bank in the fields.

The bunker, indeed, is about the last remnant of golf as it was originally played—the game, as Gordon G. Smith said, "of the slow, canny yet strong, resourceful Scottish character . . . the game of the patient, self-reliant man prepared to meet whatever fortune may befall him". Notions of equity have changed all that but the bunker has managed to survive—a rich source of debate on what is fair and unfair. If the bunker goes, we shall have to rely on the rough. But most of that, like the wash-tubs, has gone already.

We touched on the penal versus strategic question early in the round so the proper location of bunkers can be shortly dismissed. Those which give options are more exciting than those

which give none: those which affect the player before he plays are more stimulating than those which only affect him after his shot. But having devised a scheme on these lines, there must still be some manoeuvring to get the bunker into the right place for the general appearance of the hole and for its relationship to the ground around it. And on most courses, there will always be holes which can only be bunkered in a way which punishes a bad shot because the layout is a compromise with the land as a whole. Therefore the idea that a golf course can be transformed by a general overhaul of its bunkering system is often misconceived. There may be room for improvement but much broader factors determine merit. A general overhaul also runs the risk of too much change being dictated by fashion. Soon after the war there was a big drive to reduce the number and size of bunkers. Somebody made the statement that each bunker cost £30 a year to maintain. In those days that sum, duly multiplied, was at least equivalent to the wages of two men doing nothing else. Many superfluous bunkers were filled up but they were seldom replaced by others more effective and appearance sometimes suffered. Others were simply grassed over without correcting the shape so that balls tended to collect in one area and concentrate divot marks.

Next it was noticed that sand became confused with the soil underlying it. There were trials with beds of ashes, gravel, concrete and perforated plastic sheeting as insulation.

The question of the overhanging lip had been more or less exhausted long before but it came back in disguise with demands for fairway bunkers which permitted playing a long iron or even a wood to the green. It is not clear how this idea was to be reconciled with another practice which required raking the sand to leave deep grooves which would ensure the opposite.

Now a well-known championship course has turfed the faces of most of its bunkers in case a ball should bury itself and be lost. In championships, with expert players, caddies, markers and spectators, this chance seems remote and no recent results seem to have been affected by it. On seaside links, the problem of maintaining sand faces against wind erosion is often acute and Scottish greenkeepers first developed the turf wall system to provide a solid backing. Covered with sand, a natural formation is retained but grassing the slope produces a new maintenance problem and an artificial appearance while the total effect on the landscape is mournful. The paucity of design elements available to the golf architect has been mentioned before, the concealment of sand limits them still further, destroys visual scale and tends to reduce a links to a meadow.

But to judge fashion, we must have basic principles. Here is a round dozen:—

(1) The forms of a bunker are infinite. Exploit them to the full to produce good landscape and demand a wide variety of shots.

(2) If the hole allows, site them to give options inspiring a complete plan for playing the hole from tee to green. This means that all bunkers in a hole are related.

(3) Continue this relationship visually to form an agreeable pattern with asymmetrical rather than precise balance.

(4) Vary this pattern at holes of similar length to produce different situations and make different demands.

(5) Show sand strongly for landscape effect and scale.

(6) Relate bunker location to the standard of scratch. This is the only standard which, by definition, is predictable. Higher handicaps normally adapt to options because of shorter tees and random length shots.

(7) Vary predetermined distances to site bunkers in desirable contours (e.g. cut into rising rather than descending ground).

(8) The variation of form includes

orientation, size, contouring but there will often be one form correct for a particular situation. Avoid similarity in neighbouring bunkers, an outline generally at right-angles to the line of play and situations which disperse interest rather than concentrate it.

(9) Be discreet with bunkers which limit tee shot distance.

(10) Give full thought to drainage on clay or low-level sites.

(11) Build boldly with curves and banks adaptable to machine mowing.

(12) On inland sites, use a coarse washed sand free of fines at one end of the scale and of small stones at the other. An even particle size gives least binding.

You can doubtless produce a dozen more of your own. That is the delight of bunkering. We have not, for example, touched on the delicate question of the bunker at the back of the green. But if grassing the faces is the first step to grassing the rest, we shall not have to bother.

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ANNUAL REPORT—1970

Administration

We offer our congratulations to our chairman, Mr A. Robertshaw, for the very efficient and satisfactory way he has carried out his duties during the year, and we trust he has enjoyed a certain amount of pleasure from these duties.

Our vice-chairman, Mr J. Carrick, will be succeeding Mr Robertshaw, and we offer our congratulations to him and wish him a happy and successful year of office.

The annual draw was again held this year to augment the funds of the Association and we are happy to report that the efforts put forward by members was again most encouraging, and we do congratulate them on the final result, which showed an increased income of approximately £30.

The draw for the current year is already under way, and is again being held on the Dunlop Masters Tournament with a similar prize distribution as last year, and we look forward to at least as good, if not a better, result.

Once again the R. & A. very kindly forwarded a dozen passes for the Open Championship at Royal Birkdale, and we express the sincere thanks of our members for this courtesy which is much appreciated by those who are able to take advantage of these passes.

We were again this year invited by the Artisan Association to enter two of our members for the Annual Tournament at Moor Park. Mr J. Kilby represented our Association in the Junior Division and Mr G. Payne in the Senior Division. Unfortunately they were not listed among the winners but we are quite sure they had a most enjoyable day's golf in a very nice setting.

The new South Coast Section which was formed last year is, we understand, making satisfactory progress and according to information to hand their membership is now in the region of 38. It would seem, therefore, that this breakaway from the Southern Section is proving to be a satisfactory development.

The wage scale recommendations were again reviewed by the Executive Committee in March this year and a new set of proposed rates was published in the

Journal. We think it will undoubtedly prove beneficial to our members.

The apprenticeship scheme is still doing good business and the latest figures available show that 248 deeds have been issued, 188 registered and 118 completed. We feel sure that this scheme must be proving a great advantage to golf clubs throughout the country requiring additional labour on their courses.

Membership

According to the latest section returns of membership our present figure stands at 826 against 809 last year.

Annual Tournament

The 53rd Annual Tournament was held last year at the Filey Golf Club, Yorkshire in mid-August with a satisfactory entry of approximately 60 members. This event proved a very pleasant occasion with good weather and some excellent golf was experienced by those taking part. The club and staff were most co-operative in every way and we wish to express our very sincere thanks for all their efforts which made our visit so pleasant. Again we are greatly indebted to those individuals and firms that gave their personal assistance and donated to much in the way of cash and prizes.

Sections

We are again indebted to all the officers who give so much time to sections' activities, which we feel is so much a part of the satisfactory running of the Association. Members must appreciate the local activities as it does undoubtedly enable a great many more to take part in the facilities that can be offered within the section.

“British Golf Greenkeeper”

Once again we must express our sincere thanks to the editor and staff for the publication of the Journal, also to those who have been good enough to furnish articles of interest for publication.

Benevolent Fund

We have this year had a heavier call on our Benevolent Fund through the un-

fortunate passing of several of our members and in all £120 has been paid to dependents.

F. G. Hawtree Memorial Fund

Three members visit Bingley under the auspices of the F. G. Hawtree Memorial Fund during the year and our thanks are due to those clubs who were kind enough to help with some of the expenses incurred by those visits.

Sports Turf Research Institute

We would again like to express our thanks to the Sports Turf Research Institute for all the help they are so willing to give when the occasion demands.

In Memoriam

We record with sorrow the death of the following members announced in the *British Golf Greenkeeper*:—

Cecil Jones, Midland Section; D. Earsman, North-East Section; Bill McKean, Southern Section; P. K.

Carless, North-West Section; J. L. Lowery, North-East Section; P. Campbell, North-West Section; H. Ratcliff, North-West Section; David Whitehead, Welsh Section.

We are indebted to the following who have kindly contributed to our Prize Fund.

C. Bretherton, Esq.; I. G. Nicholls, Esq.; Gordon Wright, Esq.; The "News of the World"; The Sports Turf Research Institute; The Professional Golfers' Association; The Golf Ball Manufacturers' Conference; The British Motor Corporation Ltd.; "Golf Illustrated"; The Cannock Agricultural Co. Ltd.; Messrs R. C. Craig & Co. Ltd.; Messrs Fisons Ltd.; Messrs Flymo Ltd.; Messrs Hayters Ltd.; Messrs Henton & Chattell; Messrs Landscape Maintenance Ltd.; Messrs Maxwell M. Hart Ltd.; Messrs Mays Chemical Manure Co. Ltd.; Messrs May & Baker Ltd.; Messrs T. Parker & Sons; Messrs H. Pattison & Co. Ltd.; Messrs Pressure Jet Makers Ltd.; Messrs Charles H. Pugh Ltd.; Messrs Ransomes, Sims & Jefferies Ltd.; Messrs Stewart & Co., Seedsmen Ltd.; Messrs Sutton & Sons Ltd.; Messrs Allan Taylor (Engineers) Ltd.; Messrs Universal Mat Co. Ltd.; Messrs Machin & Hartnell Ltd.

PRIZE LIST

The S.T.R.I. Cup, 18 holes Stableford:

- 1st Prize (S.T.R.I. Cup and linen), D. Jones, 39 points;
- 2nd Prize (Hargreaves Cup and rug), E. Walsh, 37 points;
- 3rd Prize (casserole), A. Whitehead, 36 points;
- 4th Prize (car lamp), M. Barrett, 35 points.

News of the World Cup, 36 holes Scratch:

- 1st Prize (tea service), I. R. Toon, 153.

Jubilee Cup Inter-Section, 36 holes Medal:
(3 tankards), East Midland Section.

"Coming of Age" Cup (60 years or over), 18 holes Medal:

- 1st Prize (table lamp), W. Summer, 75.
(coffee maker), G. A. Hall, 77.

Senior Division, 36 holes Medal:

- 1st Prize (Ransomes Cup and wrist watch), A. Robertshaw, 147.
- 2nd Prize (*Golf Illustrated* Cup, voucher and wine glasses), D. H. Major, 149.
- 3rd Prize ("Universal" Cup, and golf bag), V. W. Smith, 149.
- 4th Prize (table lighter), D. W. Summerell, 151.
- 5th Prize (½ doz. tea knives), M. Barrett, 153.
- 6th Prize (travelling clock), E. Ainsworth, 153.
- 7th Prize (1 doz. golf balls), F. W. Machin, 153.

8th Prize (bath towel), R. J. Goodwin, 154.

9th Prize (cigarette case and cuff links), J. L. C. Noakes, 155.

10th Prize (snack box), I. P. Smith, 156.

Junior Division (12 to 24):

1st Prize ("Patterson" Trophy and wrist watch), P. Whitehead, 146.

2nd Prize (President's Cup and electric toaster), E. R. James, 147.

3rd Prize ("May's" Cup and golf bag), A. Jamieson, 156.

4th Prize (table lighter), L. F. Carless, 152.

5th Prize (butter dish), K. James, 156.

6th Prize (bath towel), G. Bunting, 157.

7th Prize (½ doz. golf balls), D. S. Gould, 157.

8th Prize (cigarette case and cuff links), J. H. Readhead, 158.

The "Allan Taylor" Cup, 18 holes Medal:

1st Prize (Allan Taylor Cup and cut glass bowl), R. N. Maltby, 69.

2nd Prize (Verdone Cup and clock), W. F. Machin, 70.

3rd Prize (½ doz. tumblers), A. Robertshaw, 71.

4th Prize (torch), V. W. Smith, 72.

Special Prize, 9 hidden holes:

Presented by Machin & Hartwell Ltd.
R. N. Maltby, 33½.

DODGEM-CARS

Patrick Smartt

Unwisely, I once wrote that I was shock-proof where golf is concerned, though disapproval still had its moments of activity.

As everyone who has ever listened to a political election speech knows, such positive assertions rebound. I read a while ago that in some clubs in the United States, members are required to play their round in golf carts! The reason presented is, I gather, that it speeds up play. There is a corollary in a quote from a professional to the effect that if he permitted the elder members to walk between strokes they would hold up the other players.

The purple-faced onset of a burst of blood pressure that this caricature of the game induced made it patent that I am a "square". I am, in short, shocked. At the present rate of retrogression, the young man of today who has been brought up in the traditions of golf will find himself a "square"—or, whatever the term may be then—in ten years time. I cannot visualise him on arrival at the club, transferring from a fast sports car to a "dodgem".

The problem of slow play is a very real one. I am constantly told that with overcrowded courses it is necessary to shave the rough, in order to save time looking for lost balls. Well, que sera, sera. The obvious question of why elect so many members is unpopular. I cannot see, however, why this should be solved by means that reduce a fine game to the equivalent of swinging dumb-bells at home.

There is a difference, as the late Gilbert Harding liked to point out, between a game and a sport. Golf is a game, but in contradistinction to bridge or bingo it is an outdoor game. Which means exercise. There are many instances of doctors suggesting to persons no longer young that they take up golf, because it entails walking. This I have always understood was directed to those who led a sedentary life, seated behind a desk, risking overweight and possible heart conditions.

Casting aside one's revulsion of

mechanised golf, it is diverting to review possibilities that could arise. I assume that these carts are single-seaters. If not, what happens when one player has sliced and the other hooked? Is an otherwise tedious wait going to be alleviated by listening to a stream of vituperative epithets, and the sight of an all-in wrestling match for possession of the steering tiller.

Eventually the couple behind, losing patience will drive off (mechanically), followed as shortly as possible by the next match. We now have several carts on the same hole, including the one concerned with the lost ball which will be trying to worm its way out like a motorist from a side road. If the carts are single-seaters there will be more traffic on each hole. A barging match seems inevitable, which is why I have named this piece Dodgem-Cars. These carts are not limited to the old. The young have to use them as well. What will be the condition of their legs when playing in a 36-hole tournament elsewhere?

Furthermore, fond memories of youthful exuberance on motor cycles and sports cars indicate some competitive dicing. With the passage of years the record for the course will be assessed in hours and minutes instead of the number of strokes used. Crash helmets, while looking odd, would leave my withers unwrung as a substitute for the popular cross of the headgear of an American engine-driver and that worn by a jockey.

For the few who are open-minded over methods of defeating an opponent, there seem to be opportunities for running over his ball (quite by mistake of course), or gradually edging his cart, himself and clubs into a bunker and then claiming a penalty. Other points in the Rules present themselves. If a cart breaks down and the player completes the round on foot, he has broken a club local rule (not the Rules of Golf). Does he lose the match? Again, if he sends for a mechanic, surely he is guilty of "undue delay".

An elderly watcher with limited
(continued on page 13)



- Sept. 23rd Northern Section Tournament.
- Oct. 6th Welsh Section Friendly v. South West Section.
- 6th Southern Section Quiz — The Ship Tavern, E.C.3.
- 7th North-West Section Autumn Tournament.
- 16th East Midland Dance.
- 18th North-West Section Lecture.
- Nov. 3rd Southern Section Lecture — The Ship Tavern.
- 9th North-West Section Annual Trip.
- Dec. 1st Southern Section Lecture — The Ship Tavern.



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TRADE NEWS

DITCH WITCH trenchers all set to break new ground on British market

M.K. Dynamics, the Tarporley, Cheshire based organisation, established specialists in trenching equipment, have recently been appointed sole concessionaires for Ditch Witch trenchers in the U.K., Southern Ireland and other specified areas. These machines have captured more than half the world market.

This major coup was brought off, in the face of stiff competition, by the company's Managing Director, Michael Kukla at the Ditch Witch H.Q. in Oklahoma U.S.A. He flew directly there after seeing a Ditch Witch in action on a business trip to the continent.

Michael Kukla immediately recognised the great potential for such machines in Britain.

The comprehensive range of Ditch Witch trenchers takes in machines with a capacity spread of 7 to 60 h.p. There's a choice of engines—diesel, TVO, petrol or the ultra-clean, low maintenance propane version. And there's a full range of attachments available for speedy field conversion. In fact, Ditch Witch design versatility is matched only by its flexibility in the field.

An outstanding feature is that the driving speed and the trenching chain speed are completely independent. This means that a Ditch Witch is completely at home on any kind of terrain. It also makes feasible the use of rubber tyres, avoiding damage to valuable surfaces.

Most Ditch Witch models are available with track or tyre option. Whichever you choose, a Ditch Witch never gets bogged down because its own hydraulic equipment at front and rear can be used to lift it clear of the ground.

Other noteworthy features include the one-piece rigid frame construction and a uniquely practical operator position near the rear mounted digging boom. Standard equipment solves the backfilling problem and the range of extra attachments includes a vibratory plough for trenchless cable laying and a boring unit.

These were the clinching factors behind Michael Kukla's decision to put his

proposals in person to the Ditch Witch president and top executives.

And since his triumphant return with the contract to Tarporley, M.K. Dynamics have set about promoting their new product with the same vitality they showed in gaining the initial concession.

The Ditch Witch range will be promoted on three fronts: on a straight sale basis backed by nationwide Ditch Witch after sales service; on a hire basis; and on a hire plus operator basis.

M.K.'s first public showing of Ditch Witch trenchers takes place in September at the Eastbourne Street Lighting Exhibition. And this will be forcefully backed up by a big advertising and public relations campaign.

With the tremendous marketing potential of Ditch Witch in mind, M.K. have already made moves on a massive extension to their sales and service organisation and are in the process of appointing agents on a nationwide scale in both the hire and direct sale fields.

M.K. are also prepared to follow up the predictable deluge of Ditch Witch enquiries with an enterprising go-anywhere, anytime, demonstration service. A Ditch Witch trencher will be "tailored" anywhere, anytime and put through its paces for any potential customer.

The Ditch Witch scoop will ensure a big slice of the expanding U.K. market of M.K. Dynamics.

STANDARDISE, MECHANISE AND ECONOMISE WITH RANSOMES

At this year's Groundsmen's Exhibition held at Motspur Park during September Ransomes, Europe's largest manufacturer of a range of grass machinery, depicted many practical ways of minimising costs by standardising, mechanising and economising.

Standardise with Ransomes

With machines to tackle every aspect of grass maintenance, the advantages of standardising on Ransomes equipment are numerous. The company have designed their range of machines with a high incidence of interchangeability of

parts — thus reducing the spares holding and downtime needed on maintenance and servicing.

In dealing with one manufacturer the certainty of receiving a high standard of top sales service is guaranteed by Ransomes through their nationwide network of distributors.

Mechanise with Ransomes

Work and methods study are now commonplace in parks departments throughout the country, and the need to use multi-cutter and wide-cutting machines is becoming a necessity to keep costs to a minimum. Utilisation of such machines can bring about many benefits from increased output from mowers and manpower to substantial reductions in cutting costs.

Economise with Ransomes

By standardising and mechanising, economies automatically follow. Minimal administration, straightforward servicing and availability of spares resulting in full utilisation of machines and manpower.

Training Pays Dividends

High maintenance costs are becoming an increasing burden on the budgets of many Local Authorities. With the introduction of high output sophisticated grass machinery the need to reduce maintenance costs and down-time is becoming of great importance. A key factor in this equation is the operator. A well trained efficient machine operator can, in the course of a season, reduce substantially the operating and maintenance costs of a machine.

In 1964 Ransomes began a special series of lectures on Care and Maintenance. These were designed specifically for instructing Local Authority operators in the use of grass machinery. Since their introduction, nearly 500 such lectures have been given to Local Authorities throughout the U.K. by Ransomes specially trained staff from their Headquarters at Ipswich.

During the coming 1971-1972 Winter Season, Ransomes are again offering these specialised services to Local Authorities.

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Trade News continued

Ransomes will also be pleased to give illustrated slide and film talks to the British Golf Greenkeepers Association and the Institute of Groundsmanship.

New 30 inch Pedestrian Flail Mower

The latest addition to the Ransomes range of professional grass machinery is the new 30 inch Pedestrian Flail Mower. This machine has been designed to cut medium-sized areas of overgrown grassland or scrub. Incorporated in this machine is the unique power steering facilities which ensures the minimum of operator fatigue.

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Junior Motor Triple
36 in. Mastiff
Multimower — with rotary cutter
Marquis
Twenty-Four Ride-on
Matador
Auto Certes
Trailed and Mounted Gang Mowers

**NEW SPARTAN GANG UNITS
FOR TORO PARKMASTER**

A new seven-bladed 30 inch gang-unit designed to improve the performance and cutting capacity of the Toro Parkmaster, made its debut at the 26th Exhibition of the National Association of Groundsmanship at Motspur Park in September.

The Spartan 7-gang-unit, one of two new items from the Toro range of ground maintenance equipment making their first appearance in the U.K., will be

introduced by the Institutional Division of Flymo Limited, of Watford.

The introduction of the new cutting unit is the result of intensive research to increase still further the operational and maintenance time and cost saving on large area grass-cutting tasks by the Parkmaster. In conjunction with the Parkmaster, which made its U.K. debut at Motspur Park in 1970, the Spartan 7 units can be used in outfits of five or seven providing a cutting swath of up to 15 feet.

One of the major time and cost saving features of the Spartan 7 cutting unit is the new simple hand-operated bottom blade to cutting cylinder adjustment. One centrally positioned hand-wheel provides an accuracy of .001 inch with each turn to assure a perfect cut and ensure against uneven wear of the blades.

Designed for continuous use on formal and semi-formal grass areas, the Spartan 7 also features a specially designed underslung drawbar to provide a choice of downward pressures on the rear-roller to suit varying surface conditions.

Alternative units available for the Parkmaster which were displayed at Motspur Park are the four-bladed Roughmaster 30 inch gang-units.

The latest Toro machine to make its U.K. debut at Motspur Park is a new industrial sweeper, the Toro Rake-O-Vac. The compact tractor-drawn sweeper with a capacity of 115 cubic feet is complete with three attachments for clean-up operations on grass and hard surfaces. Designed to keep up appearances on parks, sportsgrounds, streets and other similar areas, the Rake-O-Vac with its

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RIVERSIDE 5415

respective attachments is capable of grooming turf, picking up litter and sweeping clean.

Introduced to the U.K. at Motspur Park last year, the Greensmaster 3 heads the list of other Toro equipment on the Flymo stand. The only ride-on greensmower in the U.K., the Greensmaster 3 is capable of cutting up to 18 greens approximately 3½ hours.

Other Toro items included the 11 feet and 81 inch Super Pro., the 50 inch Mark II Trojan, with its range of complementary equipment; the 70 inch Professional and the 76 inch Professional.

Additional items of equipment for the Toro Super Pro. include the all-weather driver-comfort cab and an electric winch for effortless control of raising and lowering of the cutting cylinders from the driving seat.

The popular rugged Morrison 28 inch

Roughmaster designed for heavy-duty cutting, will also be on display.

The range of institutional grass cutting machinery will be joined on display by Flymo's range of hover mowers including the 19 inch and 21 inch Contractors, the 19 inch Professional and the world's only electric hover mower, the Flymo 15 inch Electric.

Dodgem-Cars

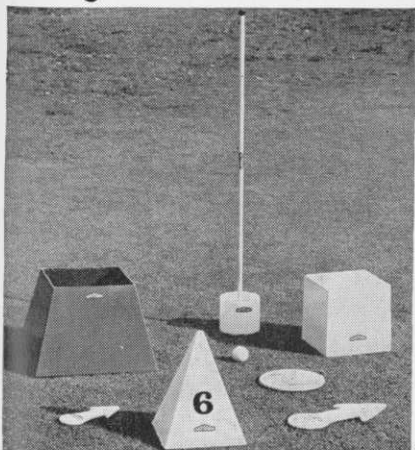
(continued from page 8)

walking powers, I should accept one for that purpose only. But when it comes to a Royal & Ancient game, Carts, are in the words of Winston Churchill (who on rare occasions directed a club in the general direction of the ball) something: "Up with which I will not put."



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HEAD GREENKEEPER

required by

Theydon Bois Golf Club.

No accommodation available.

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Tel. Theydon Bois 92260 (days)
or 01-504 8989 (evenings).

Replacement required for greenkeeper, retiring after 20 years' service, for 9-hole course on privately owned estate. Course open to public mid-week. Full responsibility including collection of green fees. One other full-time employee. Rent free house, wages by arrangement, Pension scheme.

Applicants preferably 35-45 years. Interview expenses paid. Full details and references which will be returned to The Agent, Leeds Castle Estate Office, Maidstone, Kent.

HEAD GREENKEEPER will shortly be required by Malden Golf Club, New Malden, Surrey. Only applicants with previous appointment and experience of controlling staff will be considered.

Excellent salary and rate free unfurnished house will be offered to the successful applicant.

Apply to the Secretary with full details stating the most convenient times for interview.

STEWARD/GREENKEEPER and Stewardess required for 9-hole course in Northamptonshire. Help on course, modern bungalow provided. Remuneration negotiable but will be rewarding for the right couple. Please write to the Secretary, Rushden and District Golf Club, 71 Park Avenue, Rushden, Northants.

MORAY GOLF CLUB

Head Greenkeeper

required for well-known Championship Links presently being extended to 36 holes.

Recently modernised 3 bed-roomed house available — rent free. Salary from £1,200 by negotiation.

Applicants should be resourceful in control of staff and promotion of forward thinking, policies. All applications to be addressed to the Secretary, Moray Golf Club, Lossiemouth, which will be treated in the strictest confidence.

Wanted HEAD GREENKEEPER, Lisburn Golf Club, Lisburn, County Antrim. Brand new 18-hole Golf Course now being completed. Residence provided. Salary negotiable. Apply to the Secretary.

Fully qualified Head Greenkeeper required by Addington Palace Golf Club, Surrey. Experienced in programming course work and controlling staff. Accommodation available. Salary negotiable. Write giving age, salary required and details of past experience, to The Secretary, Addington Palace Golf Club, Gravel Hill, Addington, Surrey, CR0 5BB.

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Head Greenkeeper age 25-30 years. Modern House available. Salary negotiable. Write or phone The Secretary, Ipswich Golf Club, Purdis Heath, Ipswich. Telephone Ipswich 78941.

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News



from the Sections

NORTH-WEST

By H. M. Walsh

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

Hon. Secretary:
Horrobin Cottage,
Old Links Golf Club,
Montserrat, Bolton, Lancs.

Autumn Tournament

Due to the kindness of the Captain and Council of the Childwall Golf Club, Gateacre, Nr. Liverpool, our Autumn Tournament will take place on their course on Thursday, 7th October 1971. Tee off 9.15 a.m. and 1.30 p.m. and will be comprised of 9 holes in the morning and 18 holes in the afternoon. An 18 hole competition will be played in the afternoon for Honorary Members and guests. Each member is allowed one guest only. Please inform me as soon as possible if you wish to enter or will be there for meals only so that I can make the necessary catering arrangements. It was decided at a previous committee meeting that a competition committee of three be appointed to officiate on any matters arising due to the playing of the competition.

Lectures

A series of lectures are now being arranged for this winter. The first one will be given by one of the staff of S.A.I. Fertilisers Ltd. and the provisional date is 18th October—venue The Brunswick Hotel, Piccadilly, Manchester, at 7.30 p.m. The second will be on 6th December, same time, same venue, by a member of the Sports Turf Research Institute.

Annual Trip

The annual trip this year will be to the International Sports Company Ltd., Horbury, Nr. Wakefield, on the 9th November. A coach has been engaged and picking up points will be in the next issue of the journal. Anyone wishing

to go on this trip please let me know as soon as possible.

Autumn Tournament

Mr E. Walsh of Childwall Golf Club has let me know the following route to Childwall. Via East Lanes Road, turn off for Knowsley, then right to the end to the A 57, turn left, then right at the traffic lights, up to the roundabout, bear left, then right again at the traffic lights and Childwall Golf Club is on the left-hand side.

New Members

We welcome to the section the following new members and hope their association with us will be a happy one: R. Stapleton, Haydock Park Golf Club, Newton-le-Willows; A. P. Roberts, Padeswood & Buckley Golf Club, Padeswood, Nr. Mold, Flintshire.

MIDLAND

By R. Goodwin

Chairman:
G. HART
(Gay Hill)

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

Annual Summer Tournament

Twenty-five greenkeepers played in this tournament at the Habberley Golf Club, Kidderminster, on Monday, 19th July 1971.

With ideal weather and the course in excellent condition, scores were again very low. Reg Pugh, who plays very rarely these days, set a hot pace with a fine round of 75 gross, -12=63 nett. Vic Smith came with a late run, after playing steady golf throughout the day, but could not manage to get a "2" at the last for victory but was a worthy runner-up with a score of 75-11=64.

Leading scores: 1st R. Pugh, 75-12=63, Habberley A.G.M. Cup and Carpet; 2nd V. Smith, 75-11=64, Summer Cup and carpet; 3rd A. E. Cutler, 82-16=66, carpet; 4th W. Barton, 77-11=66, carpet; 5th R. Smith, 80-13=67, bottle of whisky; 6th A. Boffey, 94-24=70, bottle of sherry; 7th R. Pullen, 88-17=71, bottle of sherry; 8th H. Drewitt, 85-14=71, golf shirt; 9th E. Benbow, 80-5=72, half bottle of whisky; 10th G. Woodward, 78-5=73, half bottle of whisky; 11th T. Jones, 78-5=73, bottle of wine; 12th T. Morris, 84-10=74, bottle of port; 13th A. Stephens, 92-18=74, bottle of sherry; 14th H. Drewitt, 77-3=74, bottle of sherry; 15th A. Boraston, 85-11=74, half bottle of gin; 16th E. Thomas, 91-14=77, half bottle of gin; 17th W. Boyce, 102-24=78, tankard; 18th R. Goodwin, 86-8=78, tankard.

The prizes were presented by Mr W. Robinson, a Director of the Habberley Golf Club, who said how pleased he was to see a good turn out of Greenkeepers and hoped everyone had enjoyed his day at Habberley where a warm welcome was always extended to Greenkeepers.

For the Greenkeepers, George Hart thanked Mr Robinson for making the presentation and expressed gratitude to the Captain, Directors and Members of Habberley who had kindly donated all the prizes for this event.

Our Chairman then went on to thank Mrs Grealy for the first class meals, and her lady helpers, Mrs Robinson, Mrs Higham, Mrs Bennett and Mrs Binns for providing excellent service.

John Grealy had obviously worked very hard on the course to have it in such fine playing condition and a big vote of thanks from all the competitors who had enjoyed their day's golf so much. Finally a word of thanks to junior member, Glenn Binns who had a busy day helping out in the clubhouse and also marking the card of a late arrival.

Annual General Meeting

The A.G.M. took place at the Habberley Golf Club on Monday, 19th July 1971. There were 32 members present. Apologies were received from Mr R. Ramsden and Mr P. Wyatt.

The Minutes of the last A.G.M. were read and passed on the proposition from A. Boraston and seconded by W. Barton.

The Treasurer's report was passed on the proposition by W. Barton and seconded by G. Woodward.

The Secretary's report was passed on the proposition of R. Pugh and seconded by A. Boraston.

Mr Bretherton was unanimously re-elected President, with a vote of thanks for his work for greenkeepers over many years and his continued support and interest in the section activities.

The Vice-Presidents were re-elected en bloc. In addition, the following gentlemen were elected as Vice-Presidents: Messrs. F. D. Brown, W. Heath, E. Jones, F. Williamson and A. Webber.

G. Hart was re-elected Chairman, V. Smith, Vice-Chairman; R. Goodwin, Secretary; G. Smith, Assistant Secretary; F. Cashmore, Treasurer.

The following members were elected to form a Committee: A Boffy, A. Boraston, L. Greenow, R. Smith and A. Stephens.

V. Smith was elected as Representative to the Executive.

Mr K. Sargeson and Mr E. Ballinger were re-elected Honorary Auditors to the section with a unanimous vote of thanks for the invaluable work being done for the Midlands Section.

It was proposed and carried that an Honorary of £20 be divided between the Secretary and the Assistant Secretary.

A vote of thanks to the Chairman for conducting the meeting was proposed by R. Pugh.

The Chairman declared the meeting closed.

Receipts and Payment Account for the year ended 30th April 1971

RECEIPTS

To Balance—1st May 1970	
Cash in Hand	
Balance at Bank	95.67
Subscriptions Class A	49.57½
Class B	9.02½
Class C	18.16
Entrance Fees	62½
Badges, Ties, etc.	1.05

Entertainment	4.10
Grant from H.Q.	4.50
Donations	39.65
N. of World Draw	34.00
Artisan Fees	50
Prizes	36.95
Sales of Investment	80.00
Transferred from deposit	20.00
	<hr/>
	£393.80
	<hr/>

PAYMENTS

By H.Q. Section Dues	22.08
S.T.R.I. Dues	15.25
Badges, Ties, etc.	
Journal Postages	29.00
Entertainment	21.50
Hire of Room	2.35
Printing	13.56½
Postage	8 23
Honorariums	20.00
Travelling Expenses	1.92½
Prizes	34.30
Cheque Book	25
Wreath	3.42½
Presentation	21.49
N. of World Draw	34.00
Purchase of Investment	150.00
Balance 30 April 1971	
Cash in Hand	3.68
Balance at Bank	12.76
	<hr/>
	£393.80
	<hr/>

New Member

A warm welcome to Peter Facey, Apprentice Greenkeeper at the Copt Heath Golf Club, Solihull.

EAST MIDLAND

By S. Fretter

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

Chairman:
J. CARRICK

Annual General Meeting

The Annual General Meeting was held at The Anchor Inn, Hathern on Tuesday, 29th June 1971. The attendance was very good. The Chairman, Vice-Chairman and Committee was re-elected en bloc. A new President was elected, as Mr Cook has now retired as President, the new President is Mr R. Bailey. The new section representative elected is Mr P. McCarron.

I would like to take this opportunity of wishing our retiring President Mr Cook, good health in the future and to thank him for all the work he has done for this section. Also I would like to welcome Mr R. Bailey as the new President, may he have a long and happy stay with us.

Autumn Tournament

Annual Autumn Golf Tournament will be held at Erewash Valley Golf Club on Wednesday, 6th October 1971. 1st tee 12.45 p.m. Will all

greenkeepers etc. please let me know by the 24th September 1971 if they will be playing and also require a meal.

Dance

A dance will be held at the Empire Hotel, Fosse Road, Leicester on Saturday, 16th October 1971.

By the time you receive this notice you will have received your tickets and notices. So will you please check the tickets as we require the tickets returned or the money.

SOUTH-WEST

By A. Cockfield

Hon. Secretary:

10 Clarence Terrace,
Claverton Down, Bath.

Chairman:
L. MILLAR

Annual Tournament

This year the Annual 36 Holes Medal Competition was held at Worlebury Golf Club on the 9th July. To us this is a new venue and under slightly different conditions we would undoubtedly find it very interesting. But with the leading players unable to find their way round and good shots kicking into the rough from iron hard fairways, these were just the conditions for a slow and frustrating round, where scores were soon in accordance with temperature—in the 80s.

But two members, L. Millar and M. Ham, both from Burnham, were able to cope with these conditions, and their gross scores of 69, 69 and 72, 74 respectively, were truly magnificent efforts. Congratulations to both. A word of praise must also go to H. Burge of Long Ashton. Harry must be nearer 80 than 70—a member of the section since it was formed and on that day his nett score was 143. Wonderful. Congratulations to a loyal and uncomplaining member.

The leading scores were as follows:

Greenkeepers: 1st—L. Millar, 136 nett; 2nd—L. Croad, 146 nett; 3rd—A. Cockfield, 147 nett.
Assistants: 1st—F. Fucker, 140 nett (1st for the second year running); 2nd—M. Ham, 142 nett; 3rd—H. Burge, 143 nett.

Silver Tankards

Our President, Mr John Ireland, has very generously presented two silver tankards as a prize for an Annual Foursomes Competition.

It was decided to hold the competition at Clevedon Golf Club on the 18th June. Partners were drawn for on the day, and the winning pair being L. Croad, Enmore Park Golf Club and S. Baber, Knowle Golf Club. Nett score 66.

The Clevedon Course is very pleasantly situated with the first four holes overlooking the Bristol Channel. Despite the local terrain being rather too undulating there are some magnificent views from the tees. Since our previous visit there this course has improved beyond all recognition. It is a great credit to S. West, his colleagues and the Greens Committee.

NORTHERN

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

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

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.

Illness

We understand that D. Hannam who has been in Hospital is now on the way to recovery and we all wish him well.

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).

G. B. Evans (Alwoodley Golf Club), D. Metcalf (West Bowling Golf Club), Chaplins of Leeds (J. W. Chaplin, K. Lunn, G. B. Huddleston, J. F. Buck).

SOUTHERN

Chairman:
C. A. MOORE
(Stanmore)

By F. W. Ford
Hon. Secretary:
68 Salcombe Gardens
Mill Hill, N.W.7
Tel: 01-959 2847

Raffle Tickets

I would like to thank the members who have taken the trouble to sell the draw books and return the counterfoils and monies to me. Only half the amount has been returned which represents a drop of 100 books on last year. I am hoping that we will all make a greater effort next year to sell them all and if there is any member who has any ideas to further this end I would be pleased to hear from him.

Secretaries Match

There are two or three more needed to complete the team against the Secretaries in October at Walton Heath. I shall be pleased to hear from anyone who wants a game.

Subscriptions

There are still a lot of outstanding subscriptions. Will all members please co-operate by checking to see if they have paid this year. Cheques or Postal Orders, NO CASH by post please and all Postal Orders **must** be crossed.

(continued on page 20)

CORRESPONDENCE

19 Vernon Drive,
Stanmore,
Middlesex.

Dear Sir,

As you know a number of courses are installing pop-up sprinklers, some already have them.

I have visited some clubs who have had "pop-ups" for some time between one and five years and find that they have problems which they had not encountered before they were installed. It would seem that new methods of greenkeeping will have to be devised to control these problems. It would seem that there is no one to go to for advice except a first class greenkeeper who has had "pop-ups" for several years and has found out through trial and error, how to use this water to the best advantage, and how to deal with the problems it brings in its wake. The trouble how many greenkeepers with this experience are to be found.

Perhaps one day the Sports Turf Research Institute will be able to give a course of instruction, when more is known about the problems and difficulties which seem to follow the installation of "pop-ups". Then a club who is having them installed would be able to send their greenkeeper to Bingley for instruction on how to deal with the problems when they arise, which they surely will.

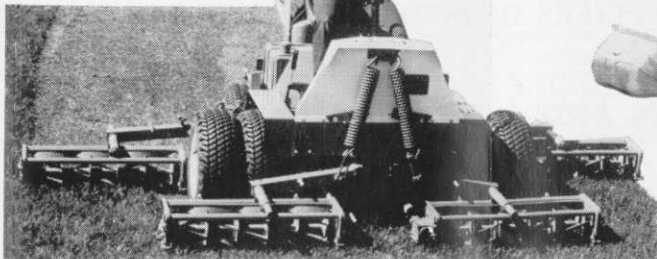
Therefore it would seem that the sooner we can get down to this the better for all concerned.

If anyone has cracked any of the problems caused through "pop-ups" such as softness of greens, thatch, black slime, excessive Fusarium, we shall be pleased to hear from you.

Your truly, C. A. MOORE.

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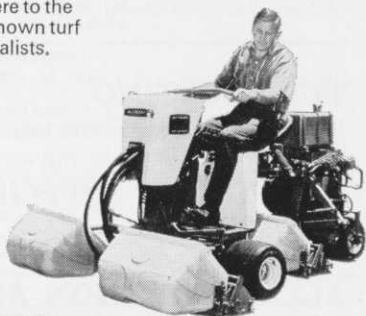


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(continued from page 18)

November Lecture

This will take place at 6.30 p.m. on Wednesday, 3rd November at the Ship Tavern, 27 Lime Street, E.C.3. William Finch, NDH Horticultural Consultant will be with us again and this means we have an interesting lecture to look forward to. In his letter to me he says that he will be glad to come and talk to us again and give us all the latest information on Seaweed. He also says they have had some very interesting results on turf.

New Member

A warm welcome to R. J. Singleton of North Middlesex Golf Club.

NOTE

We apologise for any inconvenience caused by the insertion of part of the Northern Section Notes which appeared under the East Midland heading.

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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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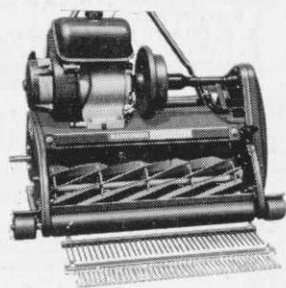
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