<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>JANUARY</td>
<td>5th North-West Section Lecture.</td>
</tr>
<tr>
<td></td>
<td>6th Southern Section Lecture.</td>
</tr>
<tr>
<td></td>
<td>21st Sheffield Section Lecture.</td>
</tr>
<tr>
<td>FEBRUARY</td>
<td>3rd Southern Section Lecture.</td>
</tr>
<tr>
<td></td>
<td>10th Northern Section Lecture.</td>
</tr>
<tr>
<td></td>
<td>13th East Midland Dinner Dance.</td>
</tr>
<tr>
<td></td>
<td>15th North-East Section Lecture.</td>
</tr>
<tr>
<td>MARCH</td>
<td>19th Southern Section Annual Dinner.</td>
</tr>
<tr>
<td>MAY</td>
<td>11th North-West Section Spring Tournament.</td>
</tr>
</tbody>
</table>
SITUATIONS VACANT

HEAD GREENKEEPER

This post becomes vacant in January, 1971. Salary by negotiation, not less than £1,350 per annum. Free unfurnished bungalow adjoining the course.

Three Courses
(a) Dunluce Championship Course
   6,850 yds.
(b) Valley Course
   6,250 yds.
(c) 9 hole Course
   1,350 yds.

This is an opportunity for a first-class man to improve his status. Assistance may be given with removals.

Applications in writing with references and full details of experience to:

The Secretary/Manager,
ROYAL PORTRUSH GOLF CLUB,
Portrush, Co. Antrim,
Northern Ireland.
Tel. Portrush 2311.

THE DEPARTMENT OF THE ENVIRONMENT has a vacancy for an

ASSISTANT SUPERINTENDENT
at Richmond Park, Surrey

Salary: £1432 (rising to £1718) + £52 availability allowance.
Rented accommodation available.

Appointment temporary with opportunities for permanency.

The duties involve, under the direction of the superintendent, the upkeep and maintenance of two public 18-hole golf courses and a number of football pitches and a polo ground. Applicants must therefore have good practical knowledge of turf maintenance and greenkeeping, preferably with some experience of control of a public golf course and/or park.

Apply in writing for application forms to ED2b Room 311, Department of the Environment, Lambeth Bridge House, Albert Embankment, S.E.1, before 27th January 1971.
TRADE NEWS

FAST GRASS-CUTTERS SOLVE COUNCIL’S MAINTENANCE PROBLEMS

A major investment in fast-cutting grass mowing machines was one of the immediate actions of the County Borough of Northampton following the recent organisation of departmental responsibilities.

For at Northampton the changes have meant a large inheritance of grass verges increasing the Estates Department's grass maintenance responsibility to over 1,500 acres.

In the past four months, the County Borough of Northampton have been meeting the challenge with five Toro 50 in. Trojans, in which they have invested to keep the Council's informal grass areas in short trim.

Supplied by the Institutional Division of Flymo Limited of Watford, through local distributors, Messrs. Garden Machines Limited of Northampton, the Trojans are being used on housing estates, road verges and park areas where speed and versatility are desirable.

A spokesman for the Estates Department said: "We acquired the Trojans because they are the best machine for the job we want to do. They are a good size and with a good operator they cover plenty of ground."

Special features of the riding rotary machine include three overlapping 18 in. whirlwind blades driven by a 12.5 h.p. engine with a choice of three cutting speeds for varying types of conditions.

The Trojan is capable of maintaining an output of more than 12 acres per day under most types of conditions found in council work.

Driver comfort and power steering provide easy operation on tricky slopes while maximum manoeuvrability enables the Trojan to cut close to trees and other obstacles to prevent time wasting by largely doing away with the necessity of using additional smaller machines with further operators.

FOR ALL GOLF COURSE EQUIPMENT

Suppliers to the world since 1896

The range comprises:

- **TEE LITTER BINS**
  - Colours: Red, White or Yellow.
- **TEE PYRAMID MARKERS**
  - Colours: Red, White or Yellow.
- **TEE CUBES**
  - Colours: Red, White or Yellow.
- **TEE ARROWS**
  - Colour: White.
- **TEE DISCS**
  - Colour: White.

Complimentary to the above are the existing items, such as Polythene Tee Balls in red, white and yellow; Bogey-type Hole Cup in nylon (one-piece moulding); and the Fibreglass Flagstaffs, as listed in our current Golf Catalogue.

WRITE TO US FOR PRICE LIST AND LATEST CATALOGUE

H. PATTISSON & CO. LTD.
STANMORE, MIDDLESEX
01-954 4171
December Lecture

In his talk on "Aeration and Drainage," Peter Wyatt, supported by Ken Hemmingway, commenced by telling us how Pattissons was started in 1896 by Arthur Cole. The first self-propelled spiker, Model T Mk. 1, made its appearance in 1946-47 and the Turf Master in 1967.

Mr Wyatt said that he had observed that slit tines were being used in preference to the solid tines, presumably owing to their root-pruning action. He then continued on with Mole Draining and then offered to try and answer any questions.

Transport of the S.P. from green to green was the question uppermost in most members' minds, for unless a separate power unit is used to tow it, making it a two-man job, considerable wear and tear on the machine resulted, particularly on some courses.

Mr Hemmingway assured us that although it was a problem, they were working on it with Mole Draining and then offered to try and answer any questions.

New Members

A warm welcome to the following new members:—M. Boardman (Thorpe Hall), J. Thompson (Flempton), E. J. Huxley, B. M. Huxley and G. R. Brooks of "Huxleys Garden Machinery"; H. B. Bowpitt (John Jacobs), H. Brown (Home Park), and T. C. Talbot (Upminster).

Annual Dinner

The 1971 annual dinner will be held at the Wanstead Golf Club, Overton Drive, London, E.11, on Friday, 19th March 1971. Nearest stations Wanstead (tube), half-mile, and Snarebrook, one mile.

The price of the tickets have been raised to £2 to ensure a first-class meal suitable for the occasion and are available from me either by writing or collecting at the Stirling Castle on lecture evenings.

Members and guests wishing to play in the four-ball better-ball Stable/ord in the afternoon must arrange their own partners and record the best net score. A 5/- sweepstake will be collected from each competitor. Anyone requiring lunch or sandwiches please contact the steward on arrival.

New Appointments

Our best wishes go to the following:—R. Booth, who is now head greenkeeper at South Beds, D. J. Jones (Hendon), J. H. Sargent (North Middlesex), and G. J. Goodall (Finchley).

February Lecture

There will be a visit by Philip Marshall, representing Ransomes Sims & Jefferies.

Retirement

A long and happy retirement to Mr C. Chamberlain of Addington Court Golf Club, who has retired after 43 years with the club and now lives at Herne Bay, Kent. We are hoping to see him at our annual dinners for many years to come. He has handed over the reins to W. Machin. Our very best wishes to you, Bill.
Flymo Lecture

On Monday, 15th February 1971 we have a lecture by Flymo Limited, this will take place in The Bridge Hotel, Newcastle, commencing approximately 7 p.m., refreshments will be served.

Appointments

T. Green who was Head Greenkeeper at Ravesworth Golf Club has now taken up the post of Head Greenkeeper at Heworth, we wish him well in this new appointment.

D. Snowdon, assistant at Hartlepool Golf Club has been appointed Head Greenkeeper of the Hartlepool Golf Club, and I am sure we all wish him every success in his new position.

November Lecture

Twenty-five members attended this lecture held on Tuesday, 17th November, in the Queen’s Head, Bingley. The speaker on this occasion was Mr Bob Morris of Fisons Ltd., who took for his subject “Turf Management”. Illustrating his talk with a series of slides, he put over in quite simple terms the main principles involved. Many and varied questions were put to Bob, who was able to deal with them to the questioners’ satisfaction. A vote of thanks was proposed by our Chairman, Mr A. Robertshaw, and heartily endorsed by all members present.

December Lecture

This was held on 9th December at our usual meeting-place, Horsforth Golf Club. Thirty-five members turned out, despite black-out risks, to hear for the first time Mr J. P. Shildrick, B.A., Assistant Director of the S.T.R.I. His subject was “Grass Varieties.” He dealt with the work and investigations in progress at the Station into a large number of varieties of various turf grass species, bringing out points with colour slide illustrations. Members found this most interesting and enlightening. I think there will be many waiting to pay a visit in the coming years to see this work in progress. After a long series of questions, a vote of thanks was proposed by our Chairman, Mr A. Robertshaw.

Lectures

The following dates have been fixed at Horsforth Golf Club for lectures in the new year:—13th January, 10th February, and 10th March. Make a note of these.

New Member

We welcome to the section Mr G. Hinchcliffe, 31 Thick Hollins, Meltham, Huddersfield, who has taken up an apprenticeship with the Meltham G.C.

President Retires

At the meeting on 19th November 1970 our President, Mr A. Shardlow, announced his retirement from the Presidency. Having severed his connections with Sheffield and now residing in Walton-on-Thames, Surrey, he feels he cannot give the section the support he desires. Mr Shardlow has been President of the Sheffield Section since 1959, except for a short period in 1967 when he stood down, but was re-elected when his successor left the district. He has always shown a very great interest in the welfare of greenkeepers and has done a tremendous amount towards improving the status of the greenkeeper.

All members of the Sheffield Section join in wishing Mr and Mrs Shardlow a long and happy retirement.

Mr A. Shardlow proposed and Chairman G. Herrington seconded that Alderman S. K. Arnold, Chairman of the Green Committee

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

★

153 Arch Stamford Brook Station, LONDON, W.6.
RIVERSIDE 5415
at Abbeydale Golf Club, be invited to be President. This was unanimously agreed. Mr Arnold, being present, accepted the position and promised his full support.

Lecture
The lecture on 19th November 1970 was by Mr W. N. S. Bissett of S.T.R.I., who took for his subject “Aeration” and this was well received by the 38 members present.
The lecture on 21st January 1971 is by Mr D. N. H. Hicken of David Miln (Seedsmen) Ltd., and the subject will be “Top Dressing.”

New Member
We welcome to the section S. Hobson of Abbeydale Golf Club and hope he will benefit from membership of the Association.

Lecture
Our thanks to Mr Wyatt of H. Pattissons & Co. for the very interesting talk and for showing us their new range of equipment, also for the refreshments provided.
The January talk will be given by a representative of Chipman Chemicals Ltd., and the February talk will be given by Mr Cogan of Flymo Ltd. on 8th February. I ask for your continued attendance, gentlemen.

Spring Tournament
I have pleasure in informing members that due to the kindness of the Captain and Council of the Romily Golf Club, we will be holding our Spring Meeting on the said club’s course on Tuesday, 11th May 1971. Further details nearer the date.

Prince Philip Award to Mr Bretherton
Mr Bretherton was recently presented with a special certificate by the Duke of Edinburgh at Buckingham Palace.
Mr Bretherton received the President’s Certificate, which is awarded for special contributions to the work and aims of the National Playing Fields Association.
Mr Bretherton’s contribution has been made through the Warwickshire Playing Fields Association, in whose work he has taken an active part since the war.
Mr Bretherton has done much work for the provision of children’s playgrounds and was Chairman of the County Playing Fields Association’s Executive Committee from 1958 to 1967.
I am sure all greenkeepers will wish to join me in congratulating our President on this very fine award.

Film Show
A film show was held at Birstall Golf Club on Wednesday, 18th November 1970. The film show was given by Leicester Horticultural Engineering Ltd. and Ransome Sims & Jefferies. The attendance was very good. It was a very interesting evening and enjoyed by everyone there. Our thanks to Mr G. Lee, Mr R. Bailey and Mr Sharp of Leicester Horticultural and to Mr K. Buckledee and Mr Ramsey of Ransomes. It was a film show that could be recommended for any section of the greenkeepers. Once again many thanks to all concerned.

New Members
We would like to welcome to this Section the following greenkeepers: G. D. Wilford, Esq., 34 Carter Avenue, Broughton, near Kettering (Kettering Golf Club); L. Bowley, Warwick Avenue, Quorn, Leics. (Charnwood Golf Club).
N.B. The dinner dance will be held on Saturday, 13th February 1971, and not the 16th, as published in the January Journal. We apologise for the error.

FOR HIRE
SISIS AUTOTURFMAN AERATOR, £25 per week — do it yourself. For contract prices telephone Burnell, Eaglescliffe 3647.
RYAN TURF CUTTER with operator. For competitive prices telephone Bunting, Coventry 68653.
BUYERS’ GUIDE

CLINKER, ETC.
T. PARKER & SONS, Worcester Park, Surrey.

CONTRACTORS
GILLIAM & CO. Ltd., Purley, Surrey.
MAXWELL M. HART, Ltd., Winnersh, Wokingham, Berkshire.
JOHN R. STUTT, Ltd., Potterhill, Paisley, also at Poole, Dorset.

EQUIPMENT SERVICING
GROSVENOR ENGINEERING CO., Manningham, Bradford, Yorks.
RELF & KENDALL, 406 Brighton Rd., S. Croydon, Surrey.
T. PARKER & SONS, Worcester Park, Surrey.

FERTILISERS
CANNOCK AGRICULTURAL CO., Ltd., Cannock, Staffs.
FISON Ltd. AGROCHEMICAL DIV., Recreational and Industrial Dept., Chemical Works, Paper Mill Lane, Hamford.
MAXWELL M. HART, Ltd., Winnersh, Wokingham, Berkshire.
T. PARKER & SONS, Worcester Park, Surrey.
STEWART & CO., Seedsmen Ltd., Edinburgh, 2.
SUTTON & SONS, Ltd., Reading.

FUNGUS CONTROL
CANNOCK AGRICULTURAL CO., Ltd., Cannock, Staffs.
MAY & BAKER, Ltd., Dagenham, Essex.
T. PARKER & SONS, Worcester Park, Surrey.
SUTTON & SONS, Ltd., Reading.

GOLF TEE MATS
UNIVERSAL MAT CO., Ltd., Tileyroad Road, London, N.7.

GRASS SEEDS
CANNOCK AGRICULTURAL CO., Ltd., Cannock, Staffs.
MAXWELL M. HART, Ltd., Winnersh, Wokingham, Berkshire.
T. PARKER & SONS, Worcester Park, Surrey.
STEWART & CO., Seedsmen Ltd., Edinburgh, 2.
SUTTON & SONS, Ltd., Reading.

GREENKEEPERS’ TOOLS & COURSE EQUIPMENT
H. PATTISSON & CO., Ltd., Stanmore, Middlesex.
“SISIS” Equipment (Macclesfield) Ltd., Hurdsfield, Macclesfield, Cheshire.
STEWART & CO., Seedsmen Ltd., Edinburgh, 2.
SUTTON & SONS, Ltd., Reading.

INSECTICIDES
CANNOCK AGRICULTURAL CO., Ltd., Cannock, Staffs.
T. PARKER & SONS, Worcester Park, Surrey.

LEAD ARSENATE
F. KEEP, Ltd., 82-84 North End, Croydon, Surrey.
T. PARKER & SONS, Worcester Park, Surrey.

LOAMS & MANURES
T. PARKER & SONS, Worcester Park, Surrey.

MOWER ENGINEERS
RELF & KENDALL, 406 Brighton Road, S. Croydon, Surrey.
T. PARKER & SONS, Worcester Park, Surrey.

MOWERS
BRADLEY’S, Leeds Rd., West Ardley, nr. Wakefield, Yorks.
GROSVENOR ENGINEERING CO., Manningham, Bradford.
T. PARKER & SONS, Worcester Park, Surrey.
H. PATTISSON & CO., Ltd., Stanmore, Middlesex.
C. H. PUGH, Ltd., P.O. Box 256, Atco Works, Birmingham, 9.
RANSOMES SIMS & JEFFERIES, Ltd., Ipswich, Suffolk.
HAYTERS (SALES) Ltd., 34 Spellbrook Lane, Bishop’s Stortford, Herts.
E. THOMAS & CO. (Oswestry) Ltd. (Dept. S.6), Whittington Rd., Oswestry, Shropshire.

SEA SAND
T. PARKER & SONS, Worcester Park, Surrey.

SPRAY EQUIPMENT
T. PARKER & SONS, Worcester Park, Surrey.
B.O.I. RAIN SYSTEMS, Upper Halliford, Shepperton, Middlesex.

TRACTORS
T. PARKER & SONS, Worcester Park, Surrey.
H. PATTISSON & CO., Ltd., Stanmore, Middlesex.
“SISIS” Equipment (Macclesfield) Ltd., Hurdsfield, Macclesfield, Cheshire.

TURF AERATING APPLIANCES
T. PARKER & SONS, Worcester Park, Surrey.
H. PATTISSON & CO., Ltd., Stanmore, Middlesex.
“SISIS” Equipment (Macclesfield) Ltd., Hurdsfield, Macclesfield, Cheshire.

WEED CONTROL
MAXWELL M. HART, Ltd., Winnersh, Wokingham, Berkshire.
MAY & BAKER, Ltd., Dagenham, Essex.
T. PARKER & SONS, Worcester Park, Surrey.

WEED CONTROL SPRAYING
T. PARKER & SONS, Worcester Park, Surrey.

WORM KILLER
MAXWELL M. HART, Ltd., Winnersh, Wokingham, Berkshire.
T. PARKER & SONS, Worcester Park, Surrey.
SUTTON & SONS, Ltd., Reading.