

## IN THE PICTURE

### "NEW"-PORTABLE DIAGNOSTIC MICROSCOPES

**M**ACROSCOPE 25 and the new Macroscopic 18-36 Zoom are two portable microscopes ideal for diagnostic work in the turf grass industry.

The design of both units is such that they can be placed on the green and the problem viewed directly rather than by removal of a plug for placement on the microscope stage. The design of the unit eliminates the need to prepare a slide.

The image provided is bright, clear and positionally correct over an extremely wide field of view. Since its introduction to the turf industry in the US in 1985, over 3000 Macroscopic units have been sold to golf course superintendents and other professionals working in this industry.

Macroscopic 25 provides a fixed magnification of 25x over a field of view of 5/16 inch in diameter. It is powerful enough to spot tell-tale signs of many turf grass diseases such as foiler lesions of dollar spot or leaf spot or tough to identify weeds or insects. Macroscopic 18-36 Zoom with its variable magnification provides an even wider field of view at the 18x magnification or much more detail at 36x magnification.

Both units are camera adaptable by means of the simple, low cost adaptor, Macromate I. The unit couples either Macroscopic to the filter threads of most 35mm SLR lenses. It couples directly to 52mm diameter lenses and to other diameters via commonly available stepping rings.

Major U.S. clubs already using the equipment include: Boca Rio Golf Club, Boca Raton, Boca West Golf Club, Bethesda Country Club, Bethesda, MD, Bretton Woods, Germantown, MD, Chevy Chase Club, Chevy Chase, MD, The Country Club, Brookline.

### MACDONALD TO DESIGN NEW GOLF COURSE IN EAST ANGLIA

**A**NOTHER championship golf course is to be built in East Anglia which is fast becoming one of the most rapidly expanding areas of golf development in the British Isles.

Frank MacDonald and his Lowestoft-based Lound Manor



*Giving the final touch to one of the new railing sections for the 180-year-old Ransomes bridge is Mr Keith Gardiner the estate carpenter. Looking on, (left to right) are: Lord Tollemache: Ransomes Foundry Manager, Mr David Wright and Mr Paul Winbolt a local garden furniture specialist.*

### JUST IN TIME

**S**ITUATED in Suffolk, nine miles north of Ipswich, surrounded by a moat and 400 acres of attractive parkland grazed by spectacular herds of red and fallow deer is the magnificent Elizabethan building, Helmingham Hall.

Approached through an avenue of oak trees, planted in about 1700, visitors cross the 60ft wide moat on an iron bridge which was built some 180 years ago.

Believed to be the first, but

if not, it is certainly amongst the earliest bridges made in the Ipswich foundry started up in 1789 by Robert Ransome, founder of Ransomes Sims & Jefferies.

The 180 year old iron bridge was in recent need of cosmetic attention, so Ransomes were asked if they could replace the damaged railing sections. Casting and fixing the new sections for the old Ransomes bridge was one of the last jobs carried out by Ransomes' Nacton works foundry before its closure.

### A THOUSAND THANKS TO COMRIE GOLF CLUB

**C**OMRIE Golf Club has become the recipient of the one thousandth subscribed copy of Greenkeeping Management. Yes there are now 1,000 subscribed copies of Europe's most widely circulated greenkeeping magazine winging their way each month to U.K. golf clubs.

A staggering fact when you consider that Greenkeeping Management is barely one year old. It's proof positive that the industry has recognised a quality product and wants to join in and enjoy a major magazine success story.

But we at Greenkeeping Management want to do more than just thank our supporters from Comrie.

We intend to repay their faith in our magazine by offering them three years subscriptions absolutely FREE!!! We're confident that the gesture merely signifies the start of a huge subscriptions explosion.

Here's to the next thousand subscriptions to Greenkeeping Management!

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Landscapes group, are to design and build a new 18-hole golf course at Fritton near Great Yarmouth as part of a major complex which will include a luxury hotel, conference centre and a comprehensive range of indoor leisure facilities.

Holmesquest Holdings based in Loddon, Norfolk have commissioned Frank MacDonald and his team to create a high quality course on a 1100 acre site at Caldecott Hall which was previously farmland with gently undulating free-draining soil, making it an ideal site for a golf course.

The project is expected to start shortly and will take two years to complete.

With more than 30 years experience in golf course construction Frank MacDonald is well aware that a wide range of golf facilities are required so that the sport does not become elitist.

He has worked alongside Sir Henry Cotton, Frank Pennink, Charles Lawrie and Peter Alliss on major projects including the third course at Carnoustie.



*Pictured at the seminar are, left to right: Alan Ferguson and Norman Duncan, both of Sports Turf Services, Alan Clark, greenkeeping lecturer at Elmwood, Graham Francis of Turf Irrigation Services, Carol Borthwick, also a greenkeeping lecturer at Elmwood and Jim Clowes, also of Turf Irrigation Services.*

### TURF IRRIGATION SEMINAR AT ELMWOOD COLLEGE

**E**LMWOOD College at Cupar recently hosted a seminar held by Turf Irrigation Services Ltd. Sports turf service representatives were also in attendance as they are the local suppliers for Toro irrigation equipment.

There is an increasing awareness of the need for irrigation on all golf courses, particularly after last summer's

drought. Levels of irrigation equipment are becoming much more sophisticated many are even computerised. The greenkeeper of today must be aware of how to use and maintain such equipment.

Elmwood College has excellent facilities to run educational seminars in its newly refurbished Elmwood House, and what could be more appropriate than that such a seminar be held in North East Fife, the home of golf!