

ton Caterpillar tractor. This method aerated the ground, which is used daily and cannot be tilled in any other way. The seed was then scattered and the ground heavily sprinkled by the spring rains.

This year the department has laid 400 feet of drain tile on the fifth fairway and also graded and made a drain ditch for the sixth fairway. New benches and drinking fountains have been placed at convenient points on the links. Many trees planted at strategic points have added greatly to the natural beauty of the course. During the last few months 350 additional cypress, black acacia, Monterey pine and flowering acacia shrub have been planted on the grounds, which in a very few years will change the appearance of the course, making it even more attractive than it is now."

Old Layouts Fairer to Women Golfers

By MISS CECIL LEITCH

Ex-British Ladies' Champion

A WELL-KNOWN golf course architect told me recently that one of his ambitions is to lay out a golf course entirely for women. I was unable to follow up the remark with a discussion as to his ideas on the subject, but he gave me food for thought. Shortly after this brief conversation, an important women's meeting was played over a modern course, and during this event a competitor said to me, "Isn't this an ideal course for women?" I could not agree with this opinion, and my negative answer caused surprise with the result that my reasons were solicited. It was then that I ventured to point out that the course was laid out for "tigers" (the term now used to describe the best performers of the male persuasion). My inquirer still adhered to her original opinion, so further explanation was necessary. Her attention was then drawn to several incidents which had already occurred in the event then in progress.

Let me give one of these here to illustrate my argument. At a certain hole on the course, A, representing one side, and B, representing the opposing side, were all square at the end of eighteen holes and the match had to be played out. A hit a very poor drive to the next hole and the ball finished in a much better position than it deserved in thin rough. B had a perfectly struck long tee shot on the true line and



The Caswell Canopy

This new course improvement will bring added comfort and convenience to your players. Gives complete protection from sun or rain at all hours of the day. Quickly adjustable, easily installed.

Send For Full Details Today.

CASWELL MFG. CO.
Cherokee, Iowa

Greener Greens

HYPER-HUMUS

"The Soil Essential"

Outstanding
Qualities

7

1. Holds moisture.
2. Encourages soil life.
3. Corrects soil textures.
4. Prevents soil leaching.
5. Improves compost mixture.
6. Increases soil temperature.
7. Restores lost organic matter.

To make a perfect top-dressing, mix sharp sand, good topsoil and Hyper-Humus, equal parts by volume.

Write for prices and
"Soil Improvement" Booklet

HYPER-HUMUS CO.

51 Park Place

Newton, N. J.

Hyper-Humus
TRADE MARK REGISTERED
"Puts the Top in Top Soil"



DOES YOUR CLUB PAY THE CADDIES BY TIME?

Many leading clubs throughout the country do.
Acts as an inducement to boys to become caddies.
Makes caddies as willing to work for poor players as good ones.
Has been proven the most satisfactory to both players and caddies.

THE CALCULAGRAPH

Send for folder and price
PRINTS THE TIME OF "START," "RETURN" AND ACTUAL AMOUNT EARNED IN DOLLARS AND CENTS
It is used by many leading clubs.
Is the ideal time recorder for timing caddies.

CALCULAGRAPH COMPANY

General Office - - - 50 Church St., New York
Western Office - - 565 W. Washington St., Chicago

The House of "Quality"

Collins Seed Service Co.

Specialists
on Lawns
Sport Turf
Grasses and
Fertilizers

60 Congress St., Boston, Mass.

Liberty 6021

Solo FAIRWAY MOWER
\$75.
\$70.

Prices marked
show retail and
wholesale
costs for past 6
years. We now
offer you wholesale prices because we proved last year that true
wholesale dealings with Golf Clubs showed minimum selling costs,
tremendous sales increase and most profit to all.

BOM TRIPLEX
\$65.
\$55.

NATIONAL MOWER CO.
2415 University Ave. Minneapolis, Minn.
The finest type Fairway Mower built with double sets of tempered
steel cut gears in oil tight cases. \$70 - \$55. \$85 - \$45.
\$100 - \$75. \$120 - \$95.
Write for literature.

GOLF WHEELS



Equip your Fordson tractor with the R. H. Golf Wheels.
Better traction; easier steering; stronger and rounder edges
to protect the turf.

R. S. HORNER, Geneva, Ohio
(If your dealer cannot supply, write direct)

deserved to gain a great advantage over the opponent. A made a good recovery with a mashie, and B, with "the like," hit a brassie shot which was as accurately hit and as well placed as one could ever want, but could not reach the green. A, with the odd, was able to take a full shot with a wooden club and reach the green, with the result that she was putting for a four, and certain of her five and was practically unpunished for her bad tee shot!

This is one of many holes on this particular course to which similar remarks apply, and I maintain that a hole which cannot be reached with two good shots from a long hitter and is still within reach of three mediocre shots from a moderate performer is not a hole for a woman. The perfect "par five" is a very different matter, as at holes of this type the moderate performer must hit three of her best to reach the green and, having done so, she deserves to halve with her more powerful opponent.

Cross bunkering is considered by many to be out of fashion, but as far as women are concerned it would appear to be the best form of trouble through the green.

Looking more closely into the question one cannot help thinking that the older courses—those laid out in pre-war days as intended for the best men players—are much more suited to women's lesser length than the actual present-day first-class course.

My mind immediately turns to Prestwick.

GOLF SHAFTS FOR FIFTEEN CENTS

THOROUGHLY SEASONED, PRO FINISHED, FAIRLY STIFF; for both wood clubs and iron clubs. Have over-stock of 200,000 shafts. Send \$15.00 for 100 shafts, postage paid; C. O. D. shipments will be sent collect.

JOHN W. WEIS, 650 New York St., Memphis, Tenn.

FRANK P. MACDONALD GOLF ARCHITECT

202 South State St., Chicago, Ill.

Construction and Maintenance Supervision

POSITION WANTED: Greenkeeper with fourteen years' experience desires position on an eighteen hole course. Best of references. Address: H. H., care of GOLFDOM, 236 N. Clark St., Chicago.

and I find an example at the third hole of this famous course—a course which caters for the Open and Amateur Championship tests. At this, "The Cardinal," men are given a hard task to secure the perfect four, as the drive must be long and accurate before the "Cardinal Bunker" can be carried with the second shot. (The Prestwick Club does not open its doors to women, so there are no women members, but certain playing privileges are extended to the weaker sex. I mention this point in passing to show that women use the men's tees when playing the course.) The architecture of this hole is such that it becomes an equally perfect five for a woman player of low handicap. Innumerable cases could be given which would emphasize the suitability of the older style of golf course architecture to women's golf as compared with the more modern style of construction.

Women's golf and men's golf are two entirely different forms of the game despite what may be said to the contrary.

During the past year I have played over several, to me, new courses, laid out on modern lines, and the thing which was most noticeable was the lack of holes of the "drive and approach" length. There appears to be a tendency nowadays to make a hole either very long or "one-shot," with the result that the moderate player has an excess of wooden-club play and recovery work.—*Golf Illustrated, London.*

TO YOUR OWN CLUB BE TRUE—

and it will follow that before ordering Charge Checks, Score Cards, Guest Registers, Caddie Cards and other forms used by country clubs you will first see our line of standardized printed matter.

John H. Vestal Co., Printers
793 South La Salle Street - - Chicago

FRASER'S INTERNATIONAL GOLF YEAR BOOK

55 W. 42nd St. New York City

6th ANNUAL EDITION

Lists all U. S. A. clubs, pros, greenkeepers, and answers anything anywhere about golf.

SUBSCRIPTION PRICE \$2.50

WATERWEEDS removed easily and effectively from any lake, pond or river. Write for particulars. Aschert Bros., 399 East 36th St., Los Angeles, Calif.



Est. 1834

**Hovey's
Reliable
Golf
Course
Grasses
and Equipment.**

Send for a copy of our latest illustrated catalog

The Hovey Rake "a very efficient worker"

Hovey & Company

19 and 20 South Market St.

Boston, Mass.

The Peerless Mower Sharpener

The Peerless Lawnmower Sharpener grinds all makes of Power, Horse and Hand Mowers in 20 to 30 minutes, with razor-like edge, giving any desired clearance or bevel. Mowers run easier, less power required, hence more speed. One owner reports they have dispensed with one man. Another writes: "The Peerless Sharpener saves us \$700 to \$800 annually." Write for Catalog and list of users.



The Fate-Root-Heath Co. 888 Bell St.,
Plymouth, O.

LANGFORD & MOREAU, L^T D

MID CITY CLUB HOUSE, 2405 Grace St., Chicago
Winter Branch Office - - Lake Worth, Fla.

The DESIGN
and CONSTRUCTION
OF GOLF COURSES AND
COUNTRY CLUB GROUNDS

Landscape
Engineering

Construction
Management

Leonard Macomber, Inc.

GOLF ARCHITECTS AND BUILDERS
664 NORTH MICHIGAN AVE
TELEPHONE SUPERIOR 9160
CHICAGO

At Present Constructing the Following Courses:

Mission Hills C. C. Northbrook, Ill.	Libertyville, C. C. Libertyville, Ill.
Eucled Billis C. C. Orland, Ill.	Maple Crest C. C. Kenosha, Wisc.
Breakers Beach C. C. Northbrook, Ill.	Poland C. C. Youngstown, Ohio
Waukegan Willow C. C. Techy, Ill.	West Hills C. C. Canton, Ohio