

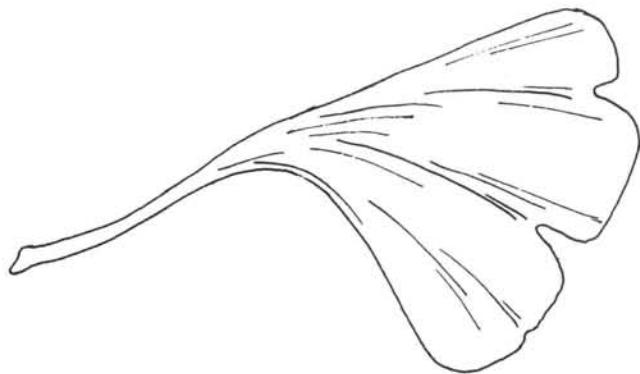
Leaves, Limbs, Needles and Boughs

by Fred D. Opperman

This month's selection will take you back in time, way back, way back to 150 million years ago! Yep, this plant has some history to it. This tree is a true gymnosperm (which is a plant that bears naked seeds without an ovary) as compared to the more common angiosperm which has a fruit that covers the seed.

Ginkgo biloba (gingk'go bi-lo-ba) — Ginkgo or sometimes called Maidenhair Tree.

Leaves: Alternate, simple, in clusters of 3 to 5 on spurs or alternate on long shoots, fan shaped, more or less incised or divided at the broad summit, 2 to 3" across, bright green.



Size: 50 to 80' in height with a tremendously variable speed ranging from 30 to 40' to ultimately wider than high at maturity; the species can grow to 100' or more.

Bud: Imbricate, mounded, often acute, brownish
Stem: Stout, light brown 1st year, becoming gray with stringy peeling bark; prominent blackish spurs evident on stems.



Rate: Slow to medium, probably 10 to 15' over 10 to 12 year period, although with adequate water and fertilizer this tree will grow very fast.

Fruit: Actually not a true fruit, but simply a naked seed; tan to orangish in color, plum-like in shape, 1 to 1½" in length. The fleshy covering on the seed is extremely messy and just plain stinks. The problem in determining the sex of a Ginkgo is that they do not "fruit" until they are quite old, some 20 to 50 years.

Culture: Transplants easily and establishes without difficulty; prefers sandy deep, moderately moist soil but grows in almost any situation; very pH adaptable prune in spring; a durable tree for difficult landscape situations. Displays good soil salt tolerance.

Landscape value: Excellent. Good yellow fall color.

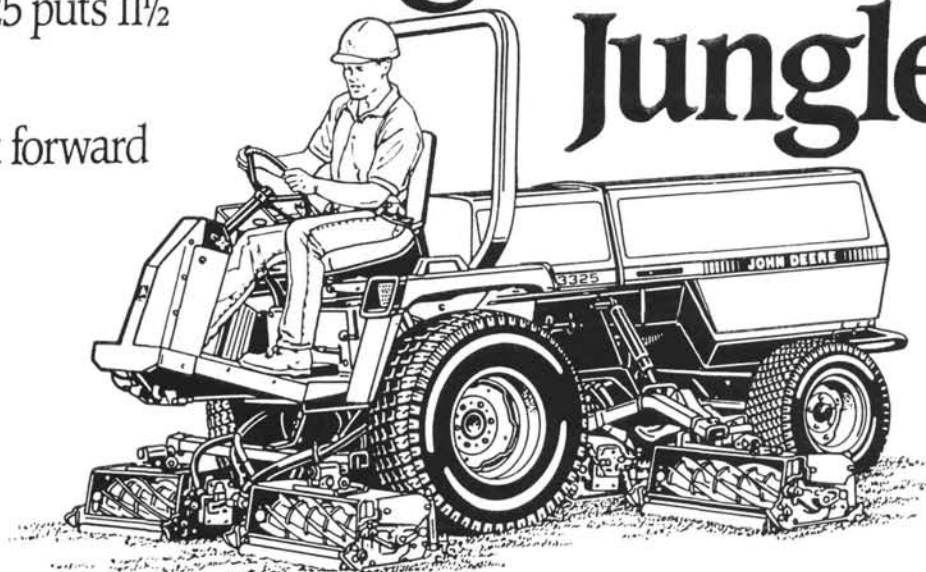
Cultivars: Autumn Golf, Fairmont, Fastigiata, Lakeview, Mayfield, Pendula and Santa Cruz.

Credit: "Manual of Woody Landscape Plants"
by Michael Dirr

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U of I Extramural Course Offerings Fall 1991

Northwestern Region

HORT. 300: ORNAMENTAL PLANT PESTS (Rockford)

Course Description: Biology of insect and other animal pests of trees, shrubs, turf, flowers, and interiorscapes and the damage that they cause will be addressed. Methods of control of these pests through Integrated Pest Management will also be covered.

Instructor: Ext. Entomologist Phillip L. Nixon

Meeting Time and Place: 6:30-9:45 p.m., Mon. beginning Sept. 9-Nov. 11, 91. UIC College of Medicine.

Credit & Tuition: 2 hrs. or 1/2 unit, \$154 plus support fee of \$30

To preregister for the above courses, call or write: Ms. Robin Nelson, Office of Statewide Programming, 1601 Parkview Avenue, Rockford, IL 61107, phone (815) 395-5592.

HORT. 212: LANDSCAPE CONTRACTING (Glencoe)

Course Description: Interpretation of the landscape architect's plans and specifications; estimating quantities of materials; and computing costs and procedures for bidding and executing landscape construction.

Instructor: Prof. Floyd A. Giles

Meeting Time and Place: 6:30-9:45 p.m., Mon. beginning Sept. 9-Dec. 9, 91. Education Center, Chicago Botanic Gardens

Credit: 3 hrs., \$231, plus support fee of \$30

To preregister for the above course, call or write: Ms. Patricia Susin, Office of Statewide Programming, 1010 Jorie Blvd., Suite 38, Oak Brook, IL 60521, phone (708) 990-0740.

Midwest Breezes cont'd.

August 12 — Woodmar C.C. — Event is a 2 man best ball. Prizes will be low gross and low net. Low net will be figured by taking each player's handicap and allotting strokes as designated on the card. The best score of the two players on each hole minus any handicap strokes will be the one counted. Event chairman — Kerry Blatteau
Pre-event co-chairman — Dave Blomquist
Post-event co-chairman — Tim Davis

MAGCS July Golf Results at the Golf Club of Illinois

Open Division Gross

1. Brian Bossert - 74	Net
2. T. Vercatien - 76	1. Bob Rigney - 69
3. Bob Kronn - 77	2. Jerry Cooper - 69
4. Rick Kepshire - 79	3. Chris Pekarek - 69
5. Ed Fischer - 81	4. Ken Goodman - 70
6. Tom Robinson - 81	

Super Seniors Gross

1. Albie Staudt - 90	Net
2. Wayne Trometer - 10	1. Adolph Bertucci - 73
3. Mr. Pieri - 123	2. Joe Canale - 89

Seniors Gross

1. Peter Voykin - 84	Net
2. Frank Krueger - 98	1. John Stephenson - 71
	2. Jerry Arden - 79

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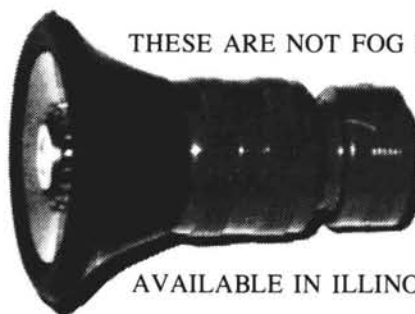
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USGA Executive Committee Approves \$4.1 Million for Turfgrass Research

Far Hills, N.J. — The USGA Executive Committee, at its June 1991 meeting at Chaska, Minnesota, approved a 5-year, \$4.1 million extension of the USGA/GCSAA Turfgrass Research Program. The funding will support selected research projects for the period 1993 through 1997.



The appropriated funds will be used to conduct research projects in two principal categories: 1) Plant Improvement — including turfgrass breeding and biotechnology, and 2) Resource Management — including cultural practices, biotechnology and alternative pest management. A request for pre-proposals will be sent to university research personnel in August, 1991. Final decisions on projects funded will be made at the March 1992 meeting of the USGA Turfgrass Research Committee. An announcement of these selections will be made in April, 1992.

Among the objectives of the original 10-year Turfgrass Research Program, begun in 1982, was to significantly reduce water use and maintenance costs on golf courses by breeding new grasses and developing improved cultural maintenance practices. Two improved turfgrass varieties, NuMex 'Sahara' bermudagrass and 'NE 84-609' buffalograss, are now available for use on golf courses and other turf areas as a result of USGA funding. Much of the background work has been accomplished with the breeding programs sponsored by the USGA, and it is expected that many more varieties will be released during the next decade.

During the next 5-year phase of the program, emphasis will be placed on developing grasses and cultural maintenance practices that conserve our natural resources. New grasses will be sought that require less water, pesticides and fertilizer, and that exhibit other desirable characteristics, including:

- ability to survive high and low temperature extremes
- tolerance of non-potable water
- tolerance of alkaline, acid or saline soils
- reduced need for mowing and fertilization
- tolerance of intense traffic
- resistance to diseases, insects, nematodes and weed competition
- tolerance of smog and other pollutants
- shade tolerance

By extending the funding of the Turfgrass Research Program for a 5-year period, the USGA hopes to ensure continued high standards for the maintenance of golf courses while addressing environmental concerns about the protection and conservation of our natural resources.

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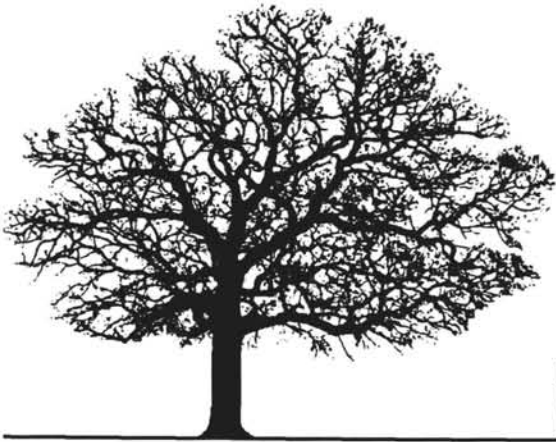
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