

Registrar's report

Cultivar Registrations 1990-1991

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This update of registrations in the genus *Magnolia* is the fourth supplement to the *Checklist of the Cultivated Magnolias*, by J. M. Fogg and J. C. McDaniel published in 1975. The first supplement, for the years 1976-1983, was published in *MAGNOLIA* 20(1): 15-20 (1984); the second supplement covered 1984-1986 and appeared in *MAGNOLIA* 22(2): 11-12 (1987); the third supplement, covering 1987-1989, was published in *MAGNOLIA* 25(1): 19-20 (1989).

Registration forms for the following cultivars were sent to Peter Del Tredici, who turned them over to me after the annual meeting in April, 1991. My intentions are to publish a registrar's report, listing all newly registered cultivars, at regular intervals in *MAGNOLIA*. If new cultivars are registered frequently, a registrar's report may appear in every issue of *MAGNOLIA*. The more information you provide on the form when registering a hybrid or cultivar, the better; then more information can be passed on to the membership of the Society. A color slide may also be sent with the registration form.

In the list below, the female parent is listed first if the cultivar is a hybrid.

'Daybreak' (*M. x brooklynensis* 'Woodsman' x *M.* 'Tina Durio') This hybrid produces RHS 56C Neyron

Rose flowers late in the season. The plant has an upright habit, is moderately floriferous, and flowers are intensely fragrant. Selected in 1989 by August Kehr, Hendersonville, North Carolina, and registered by him in 1990.

'Encore' (*M. kobus* var. *loebneri* 'Ballerina' seedling) This open-pollinated 'Ballerina' seedling is very slow-growing and bushy. The buds form in multiples of 1-4 on the tips of twigs as well as along the twigs. Often flowers after a frost from smaller flower buds along the stems. Flowers have 18-25 tepals. Very easy to propagate from cuttings. Selected by August Kehr in 1988 and registered by him in 1990. Dr. Kehr suggest Zones 4-7. The original tree (now 8 years old) flowered at 4 years of age.

'Golden Girl' (*M. x brooklynensis*) This cultivar is similar to *M. x brooklynensis* 'Woodsman,' except the flower is almost solid light yellow in color with only a vestige of purple. The habit is semi-upright and the plant flowers midseason. Flowered at 6 years of age from seed. Bred by August Kehr (using *M. acuminata* as the seed parent) and registered by him in 1990. Dr. Kehr suggests Zones (5)6-8.

'Laser' (*M. acuminata*) This 16-ploid (304 chromosomes) has larger leaves than *M. acuminata* and thicker twigs than 'Fertile Myrtle' or

'Patriot' (see below). Arose as a result of colchicine treatment of a germinating seedling of open-pollinated *M. acuminata* 'Fertile Myrtle.' Created and selected by August Kehr, Hendersonville, North Carolina. Registered by Kehr in 1990.

'Legacy' (*M. sprengeri* 'Diva' x *M. denudata*) Flowers are 9" in diameter when fully open and have 8-11 tepals. The tepals are RHS 65A red-purple at the exterior base, shading to 65D at the tip; interior of the flower is white, giving a garden effect of soft, clear pink. The stamens are pink and ivory, the gynoecium is green. The original tree is 26 feet tall, blooming mid- to late-April in Ohio. Uninjured by -24°F. A hybrid produced by David G. Leach, North Madison, Ohio, and registered by him in 1991.

'Patriot' (*M. acuminata*) This cultivar resulted from colchicine treatment of a germinating seedling from open-pollinated *M. acuminata* 'Fertile Myrtle.' 'Patriot' is believed to be an octoploid (152 chromosomes), based on morphological characteristics. The leaves are larger than the parent and the twigs are larger in diameter. Created and selected by August Kehr, Hendersonville, North Carolina, and registered by him in 1990.

'Powder Puff' (*M. kobus* var. *loebneri* 'Ballerina' seedling) This cultivar was selected from open-pollinated 'Ballerina' seedlings. The flowers are similar to those of *M. kobus* var. *loebneri*, but the tepals tend to stand erect rather than lying flat. The flowers are white with 18-25 tepals. Selected by August Kehr, Hendersonville, North

Carolina, in 1987 and registered by him in 1990. Dr. Kehr suggests that this cultivar is suitable for well-drained soils in Zones 6-8. Original tree, now 10 years old, first flowered at 4 years from seed.

'Raspberry Swirl' (*M. liliiflora* 'Darkest Purple' x *M. sprengeri* 'Diva') A multi-trunked tree with flowers of a very dark purple, averaging 11 tepals. Selected and registered in 1990 by Frank Galyon, Knoxville, Tennessee. Original plant approximately 25 years of age.

'Scented Silver' (*M. stellata*) A seedling of *M. stellata* 'Green Star.' The flower of 'Scented Silver' is completely white without any tint of color and is quite fragrant. The original plant is 25+ years old and grows as a single bole tree; it is taller than it is wide. Selected in 1973 and registered in 1990 by Frank Galyon, Knoxville, Tennessee, who reports that it "has the most incredible pleasant lemony fragrance of all Asiatic magnolias known to me."

'Sweet Summer' (*M. virginiana* var. *australis* x *M. grandiflora* 'Samuel Sommer') A hybrid with large flowers having 9 to 12 tepals. An allotetraploid that is fertile in both directions. Most closely resembles the male parent (*M. grandiflora*). Selected and registered by Frank Galyon, Knoxville, Tennessee, who reports that the original tree suffered from bark splitting at -24°F.

'24 Below' (*M. grandiflora*) This *M. grandiflora* seedling of unknown origin suffered no visible damage after -24°F. It was selected by Frank Galyon, Knoxville, Tennessee, in 1985 and registered by him in 1990.