

New Cultivar Registrations 2006-2007

Timothy M. Boland, Registrar
Executive Director, The Polly Hill Arboretum

'Judy Zuk' (*M. acuminata* × *M. BBGRC #491*)

Originally introduced as Brooklyn Botanic Garden #1164, 'Judy Zuk' was produced by the magnolia breeding program of the BBG. *Magnolia* 'Judy Zuk' is the result of a cross made in 1980 between *M. acuminata* and *Magnolia* BBGRC #491. The original plant was grown at the Brooklyn Botanical Garden's Kitchawan Field Station, Ossining, New York. The tree was later transplanted to the main garden in Brooklyn, New York in 1991, where it is currently maintained. Trees are available as grafted plants from several US nurseries. Estimated hardiness is USDA zone 6a and perhaps colder. It is described as an upright



branching tree that blooms about one week earlier than *Magnolia* 'Elizabeth'. The flowers appear prior to or just as new leaves are emerging. The flowers are sweetly fragrant with (5-6) obovate, golden-yellow tepals with outer surfaces yellow-orange (RHS 19B), inner surfaces (RHS 18B). Flowers measure 3.15–3.94 inches (8–10cm) long, by 1.67–2.16in (4.24–5.5cm) wide. The cultivar name honors Judith D. Zuk, horticulturist, educator, and past president of the Brooklyn Botanic Garden. Registered by Dr. Mark Tebbitt, Horticultural Taxonomist, Brooklyn Botanic Garden, 1000 Washington Avenue, Brooklyn, New York, USA 11225-1099.

'Angelica' (*M. 'Pegasus'* × *M. x soulangeana* 'Sawada's Pink') †

Selected and named by Mr. William Seidl, the seed of this hybrid was collected from an original cross made by Phil Savage. The original tree is now 12 years of age and first flowered at six years of age. The flowers are composed of nine round cup-shaped tepals that measure over 3in (7.62cm) in diameter. The flowers are described as pure white and reportedly retain their bowl shape and do not flop with age. Bloom time has been noted as intermediate be-

ISSUE 83

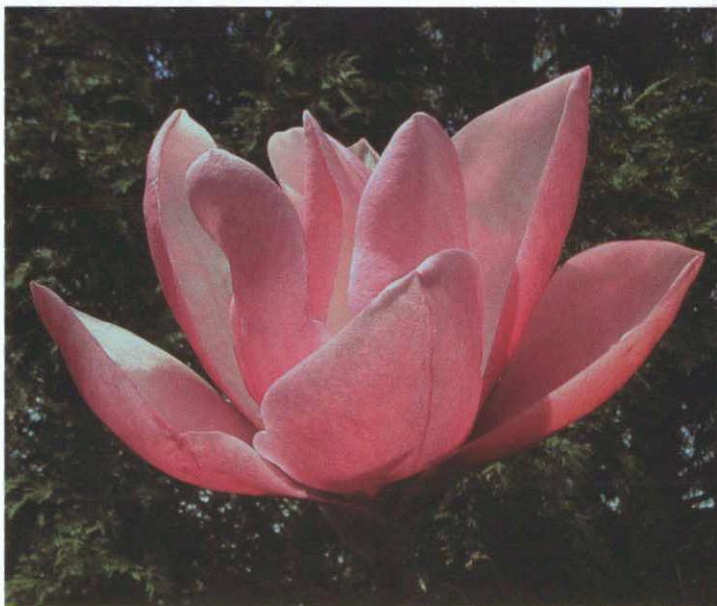
tween *M. 'Pegasus'* and *M. soulangeana* on a medium-sized tree. The tree exhibits excellent seed fertility for hybridizers, and is believed to be hardy to USDA zone 5. Trees are commercially available as grafted plants from US nurseries. The name was previously published in *Magnolia*, Volume 40, Issue No. 77, Spring/Summer 2005.

Registered by Mr. Dennis Ledvina, 2763 Memorial Drive, Green Bay, Wisconsin, USA 54313.



'Rose Marie' ((*M. liliiflora* × *M. sprengeri* 'Diva') × (*M. acuminata* × *M. 'Picture'*)) × *M. 'Daybreak'*

Selected and named by Mr. Dennis Ledvina, the tree is described as very floriferous with large flowers with nine broad tepals. The exterior of the blossoms are a vivid rose pink, the interior a solid medium pink, a shade darker than *M. 'Daybreak'*. The tree bloomed three years after propagation and blooms for up to six weeks. The blooms appear later than *Magnolia* × *soulangeana* and *M. 'Daybreak'*, thus avoiding hard spring frosts. The tree exhibits excellent seed fertility for hybridizers, and is believed to be hardy to USDA zone 5. The original tree now stands at a height of 25ft (7.62m) and 12ft (3.66m) in width. Trees are commercially available as grafted plants from US nurseries. The name was previously published in *Magnolia*, Volume 40, Issue No. 77, Spring/Summer 2005. Registered by Mr. Dennis Ledvina, 2763 Memorial Drive, Green Bay, Wisconsin, USA 54313.





'Roseanne'
(*M. liliiflora* 'O'Neill' ×
M. kobus var. *kobus*
'Norman Gould')

Selected and named by Mr. Dennis Ledvina. This hybrid has (6-7) tepals which are described as rich lavender pink on the outside and a lighter pink on the inside. The tree blooms mid-season with very

broad flowers that retain their upright form. The foliage is reportedly semi-glossy with a rugose texture. The tree is described as having excellent seed fertility, reportedly is easy to root as softwood cuttings, and is believed to be hardy to USDA zone 4. The original tree now stands at a height of 22ft (6.70m) and is 12ft (3.66m) in width. Trees are commercially available from US nurseries. The name was previously published in *Magnolia*, Volume 40, Issue No. 77, Spring/Summer 2005. Registered by Mr. Dennis Ledvina, 2763 Memorial Drive, Green Bay, Wisconsin, USA 54313.



'Sunset Swirl'
(*M. acuminata* ×
M. 'Dark Diva') ×
M. 'Daybreak')

Selected and named by Mr. Dennis Ledvina, the resulting hybrid flowered at six years of age. The tree blooms mid-season with nine tepals with a bright pink exterior and traces of yellow at the base. The interior of the flower is light pink. The flowers are described as pinwheel in form maintaining an upright habit, not flopping with age. The tree is described as very vigorous and is

believed to be hardy to USDA zone 4. The original tree now stands at a height of 18ft (5.5m) and is 10ft (3.05m) in width. Registered by Mr. Dennis Ledvina, 2763 Memorial Drive, Green Bay, Wisconsin, USA 54313.

'Savage Splendor' (*M. acuminata* 'Fertile Myrtle' × *M.* 'Dark Mystery')

This tree was first observed in the garden of its originator, Phil Savage, Bloomfield, Michigan, USA, in 1992. Reportedly, it first flowered in 1990 and was propagated in 2002. The male pollen source for this cross came from a seedling of *Magnolia sprengeri* 'Diva' from seed obtained from the Strybing Arboretum, San Francisco, California, USA. Selected and named by Dennis Ledvina and Tim Savage, the flowers are described as a true scarlet red. A further description

defines this as a primary color red, and not at all like the magenta, or secondary color of red/blue. The flowers consist of (9-12) tepals approximately 3.94 inches (10cm) in length. The inside of the tepals are a slightly lighter shade of scarlet red. The bloom time is intermediate between *Magnolia acuminata* and *M. sprengeri* 'Diva' and thus avoids late spring frosts.



The original tree is fastigate in form and over 33ft (10m) tall, and is believed to be hardy to USDA zone 4. Trees can be propagated by budding or grafting and are commercially available from US nurseries. At the original Savage property this tree is represented by the number 2-5. Registered by Mr. Dennis Ledvina and Tim Savage, c/o Mr. Dennis Ledvina, 2763 Memorial Drive, Green Bay, Wisconsin, USA 54313.

'Dick Banks' (*M. campbellii* × *M. campbellii* var. *mollicomata*)

Selected and named by Lawrence Banks in honor of Richard (Dick) Banks (1902-1997). The plant was given to Richard Banks in 1973 from Sir Harold Hillier who believed at the time that it was from the same cross that produced *Magnolia* 'Charles Raffill'. The tree came from Hilliers Nursery, Hampshire, UK, and is now 35 years old and nearly 50ft (15m) tall. The tree flowered for the first time in 1991. The tree grows in Park Wood, a sheltered oak woodland, at Hergest Croft Gardens, Kington, Herefordshire, UK. British plantsman John Hillier speculates that the seedling may have originated at Caerhays Castle, Cornwall, UK. The tree received an award of merit (AM) as a hardy flowering plant for exhibition, exhibited by Mrs. R. Banks on behalf of Hergest Croft Gardens, April 2006. At exhibition it was reported that the tree was recorded in 1995 as having a height of 42ft (13m) and a girth of about 3ft (1m). The tree reportedly flowers to some extent every year but produces heavy bloom in alternate years. The large flowers, when flattened, are about 7.9 inches (20cm) in diameter, consisting of 12 faintly keeled, obtuse-tipped, elliptic perianth segments, about 3.94 inches (10cm) x



herbarium specimen of this selection resides at the RHS Herbarium, Wisley, Woking, Surrey, UK. Registered by Lawrence Banks, Hergest Croft Gardens, Kington, Herefordshire, UK.

'Gullmarsfjord' (*M.* 'Pink Surprise' × *M.* 'Coral Reef')

Selected and named by Olav Kalleberg, Norway, from seeds provided by Mr. Dennis Ledvina, Green Bay, Wisconsin, USA. The tree is now 11 years of age and first flowered at 6 years of age. The tree is described as a broad tree with very glossy leaves. Leaves reportedly can take (2-3°C) (35-37°F) frost after having leafed out. Flowers have thick tepals with a purple stripe vertically produced on the exterior and a very dark purple at the base of the tepals. The tree is described as very healthy and hardy with an estimated hardiness of USDA zone



1.57 inches (4cm) in two to three whorls. The inner surface is white suffused with a bluish pink (RHS 75A) purple group grading through (RHS 75B) and (RHS 75C) with deeper colored streaks (RHS 74B) red purple group near the margins. The outer surface was deeper colored (RHS 74B) over much of the surface, slightly paler towards the center. The tree is reportedly hardy in the UK to zone 4. An

5. The tree is considered very drought tolerant with the parent plant growing in full sun in a dry sandy soil. The cultivar name is named after Mr. Tommy Ahnby's nursery, Gullmarsfjord, Sweden, where the tree was raised. The tree is commercially available in Europe and was first offered commercially from Otto Eisenhut Nurseries, Switzerland. Registered by Olav Kalleberg, Bjorkmyra, 31, N-44338 Sira, Norway.

'Dennis Ledvina' (*M. 'Woodsman' × M. 'Pink Royalty'*) (top photo)

Selected and named by Olav Kalleberg, Norway, from seeds provided by Mr. Dennis Ledvina, Green Bay, Wisconsin. The tree is now 11 years of age and is

described as having a columnar dense habit with large leaves. The flower has been described as excellent in form with nine tepals that are pointed with three inner tepals that have a dark cyclamen color. The inner tepals stand upright while the remaining tepals open flat. The flowers are a good purple color in bud and have a pleasant fragrance after opening. Typically, the plant will bloom in May or June depending



on the climate. The mother tree has withstood a few degrees below freezing after leafing out and has an estimated hardiness of USDA zone 5. The plant has displayed good drought tolerance and has withstood full sun and dry soil. The plant is named in honor of magnolia breeder, Mr. Dennis Ledvina, Green Bay, Wisconsin, USA. The tree is commercially available in Europe and was first offered commercially from Otto Eisenhut Nurseries, Switzerland. Registered by Olav Kalleberg, Bjorkmyra, 31, N-44338 Sira, Norway.

'Tommy's Fragrant Heaven' (*M. liliiflora* 'O' Neill' × *M. 'Pegasus'*) † (bottom photo)

Selected and named by Olav Kalleberg, Norway from seeds provided by Mr. Dennis Ledvina, Green Bay, Wisconsin. The tree is now 11 years of age and is described as a slow growing plant

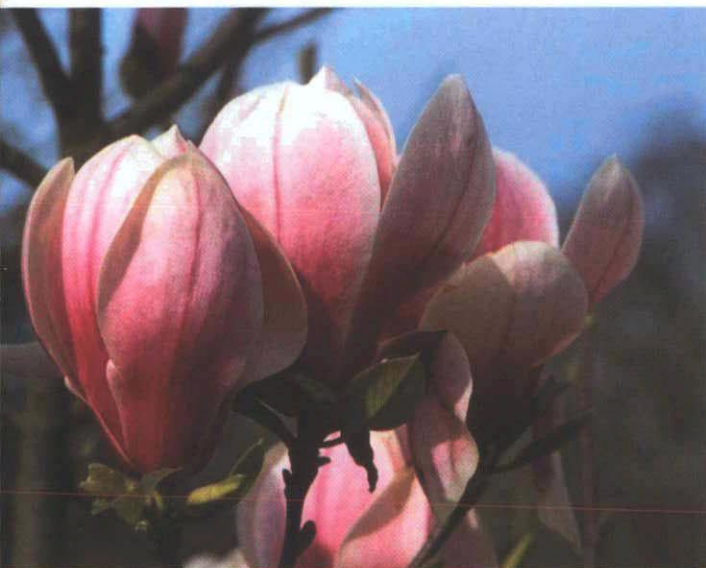


with dense growth and light green leaves. The flowers are described as upright white tepals flushed with purple on the exterior from the base up to the mid-point of the bloom. The tree produces abundant flowers that have a strong and pleasant fragrance. The mother plant blooms in mid-May to June in Norway. The plant has displayed good drought tolerance and has withstood full sun (with no sun scorch) and dry soil. The tree is believed to be hardy to (USDA zone 5). The cultivar is named in honor of Mr. Tommy Ahnby and was raised at his nursery in Gullmarsfjord, Sweden. The tree is commercially available in Europe and was first offered commercially from Otto Eisenhut Nurseries, Switzerland. Registered by Olav Kalleberg, Bjorkmyra, 31, N-44338 Sira, Norway.

'Dude's Brother' (*M. sprengeri* × *M. soulangeana* 'Picture')

Selected and named by Koen Camelbeke and Philippe de Spoelberch at Wespelaar, Belgium, this hybrid originated in the garden of Phil Savage, Bloomfield Hills, Michigan, USA. The cross designated as R14-#5 by Phil Savage was propagated by Robert Tomayer at Wavecrest Nurseries, Fenville, Michigan, USA. This nice, hardy magnolia flowered for the first time with us in 1999. The nicely perfumed flowers resemble those of 'Hot Lips,' but the flowers of 'Dude's Brother' appear later, are a little smaller and slightly darker. It is a sister seedling of the well-known cultivar 'Big Dude'—hence its cultivar name. The nicely cup-shaped flowers are 5.12-5.90 inches (13-15cm) long and about 9.84 inches (25cm) wide when fully open. There are (9-10) big tepals, white inside and no sepaloids. The tepals are pear-shaped, 5.12-5.50 inches (13-14cm) long and 2.95-3.35 inches (7.5-8.5cm) wide at widest point; they are 0.31-0.70 inches (0.8-1.8cm) wide at the base. The outsides of the tepals have a thin white margin and the rest is colored pink (RHS 62A, 65A, 66D and 68B) (Rhodamine Pink, Amaranth Rose, Roseine Purple, Heather Pink). The base of the tepals is deep purplish pink (RHS

70B, 72B and 64AB) (Lilac Purple, Ruby Red, Magenta Rose). The green pedicel is about 0.39 inches (1cm) long. The stamens are about 0.47-0.55 inches (1.2-1.4cm) long with a short 0.12-0.16 inches (0.3-0.4cm) purplish pink filament and slightly pink anthers. The gynoecium is greenish pink and 0.90-0.98 inches (2.3-2.5cm) long. Fruits are gigantic and very abundant giving the plant an exciting extra feature in autumn.



The plant flowers (4-6) weeks with a peak at the end of March and start of April. This peak flowering can be quite long (e.g. 21 March - 6 April in 2002). A cutting of 'Dude's Brother' (#95050) is in a more shaded position at the Arboretum and therefore generally somewhat later flowering than the grafted mother plant (#90164). The cutting is clearly more vigorous than the grafted plant. The tree is believed to be fully hardy in mid-Belgium (zone 7-8). The tree is commercially available at Penninckx Nursery, Belgium and the Magnoliastore, Netherlands. Named and registered by Koen Camelbeke and Philippe de Spoelberch, Arboretum Wespelaar, Belgium.

'Cheerful' (*M.* 'Ruby' × *M.* 'Iolanthe')

Selected and named by Mr. Mark Haimes, Boulder, Colorado, USA. The tree is 17 years of age and originated from a hybrid cross performed by Tetsuo Magaki of Japan in 1990. The seed was obtained through the Magnolia Seed Counter and germinated in 1991 and flowered for the first time in 2000. The plant, now 17 years of age, is 5 × 5ft (1.5 × 1.5m) and a symmetrical bush. It is a dense, stiff, multi-stemmed shrub with branching beginning 6 inches (15cm) above the soil line. Leaves are 5.5 inches (14cm) long × 3.25 inches (8.25cm) wide. Typical bloom time is reported as late April or early May in USDA zone 4b and has survived temperatures as low as -15°F (-26°C) with no visible damage. The plant is very floriferous and produces blossoms with (6-8) tepals 2in (5cm) long by 1.5 inches (3.8cm) wide. The outer tepal is rose-red with a prominent darker stripe down the midsection that fades to a lighter shade at the lateral edges. The inner tepal is white. As flowers mature they open almost flat with the inner tepals retaining a cup and saucer position. No seed production has been observed spontaneously or by hand pollination. The tree grows in local bentonite clay and has withstood heavy winds recorded at 100 mph (161kph) on site. The tree is being propagated for further distribution. Registered by Mr. Mark Haimes, 2177 Jordan Place, Boulder, Colorado, USA 80304.



†The *M.* 'Pegasus' parent in these hybrids was originally thought to have been *Magnolia cylindrica*. Later, it was determined that the parent was *M. cylindrica* × *M. denudata*, which is now often referred to as *M.* 'Pegasus' or (Pegasus Group).