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New Cultivar Registrations 2007–2008

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

'Lupo Osti' (Magnolia ×wieseneri × M. obovata)

Selected and named by the late Sir Peter Smithers in honor of his friend, Gian Lupo Osti. The origin of this tree has been detailed before in Callaway's *The World of Magnolias*, page 210, and in previous editions of this journal. The resulting plant is believed to be an open-pollinated cross between the existing hybrid parent and an adjacent *M. obovata* in the garden of Sir Peters Smithers, Vico Morcote, Switzerland. It was first observed in 1982; the tree is now 26 years old and has been described as having fragrant flowers with a hint of lavender, that are globose in form with outer tepals ruffled yellow-white (RHS 158B). The outer protective perule is dark purple in color. The tree is reportedly 13ft (4m) tall. The leaves strongly resemble *M. obovata*. Scion wood has been sent to many cooperators. Reportedly, the plant has been successfully grafted using *M. obovata* as understock and with limited success on *M. kobus*. Registered by Gian Lupo Osti, Rome, Italy.



Mr. Osti commissioned this painting of M. 'Lupo Osti.' The artist is Luca Palermo. This a photograph of the unfinished painting.

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'Verle' (M. campbellii)

Selected and named by Theo Kuijpers, Heythuysen, the Netherlands, from his garden. The tree is believed to be 28 years of age occurring from a spontaneous seedling. It first flowered in 1996 and strongly resembles typical *M. campbellii*. The tree is exceptionally hardy having survived –4°F (–20°C), USDA zone 6, in the garden. No height or width is reported. The tree typically flowers in March, and is named in honor of a grandchild of Mr. Kuijpers. Registered by Theo Kuijpers, Heythuysen, the Netherlands. (*No picture is available for this registration*.)

'Swarthmore Sentinel' (M. denudata)

Selected and named by the Scott Arboretum of Swarthmore College, the plant was originally accessioned into the Arboretum's collections in 1987 as a gift from the J. C. Raulston Arboretum, Raleigh, North Carolina. The parent plant was grown from seed at the Beijing Botanical Garden, Beijing, China, and subsequently donated to the J. C. Raulston Arboretum. The plant was cloned (grafted



'Swarthmore Sentinel' (Magnolia denudata).

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'Swarthmore Sentinel' (Magnolia denudata).

at the Raulston Arboretum) and sent to the Scott Arboretum. The tree was transplanted from the outdoor nursery into the Scott Arboretum's collections in 1993 where it resides at this time. It is found along a southwest facing exterior wall of a stone building where it receives full afternoon sun. The mature specimen is approximately 30ft (9m) tall and 12ft (3.5m) wide and has prospered in average garden soil with no additional fertilizers or pesticide treatments applied. The Arboretum receives an average of 41in (104cm) of rain. Supplemental irrigation is applied only during severe drought.

The cultivar is described as different in growth habit from the straight species. This selection has a distinct narrow and upright growth form.

The leaves are approximately 4–6in long (10–15cm) by 2–4in (5–10cm) wide. The leaves are dark green and a

lighter green on the abaxial side. The flowers appear in mid- to late March and are effective for up to two weeks. The flowers appear upright on the stems with tepals corresponding in color to green-white group (RHS 157B). The number of tepals ranges between 8 to 12 and when the flower is fully open it measures 5–7in (13–18cm) in width. The open flowers have what is described as a sweet lemony fragrance. The predicted hardiness of this cultivar is USDA zones 5–8. The Swarthmore tree is in USDA zone 6.

The plant is currently being propagated at McCracken's Nursery in Zebulon, North Carolina. The preferred understock at this time is *Magnolia kobus*. Registered by Shari Edelson, Curatorial Intern, The Scott Arboretum of Swarthmore College, Swarthmore, Pennsylvania.

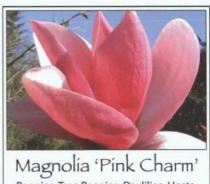
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