

AMERICAN PEONY SOCIETY

Directory of New Cultivars
2020



***The International Cultivar
Registration Authority
For Paeonia***

APS-The International Registration Authority for Paeonia Cultivars

The American Peony Society serves as the International Cultivar Registration Authority (ICRA) for Peonies, having been appointed to this role in 1974 by The International Society for Horticultural Science (<http://www.ishs.org/icra/index.htm>). Supervising nomenclature and publishing new registrations are the primary concerns, but there are other benefits to the registration process. Among these is that the history of the peony is preserved, and in some cases where such information was provided, the genealogy of certain cultivars can be determined.

About This Publication

This publication satisfies the APS' obligation to publish new peony cultivar registrations for the current year. Images, descriptions and other data are solely supplied by the registrants. APS is not responsible for the quality and accuracy of images and descriptions.

More than 100 new peony cultivar registrations were processed by the APS in 2020. This represents one of the largest class of registrations since 2001, when 276 were recorded (mostly submitted by one registrant). Due to the large number of submissions this past year, the peony world will begin to see many new beauties through the efforts of a growing hybridizing community.

The American Peony Society wishes to thank all who have registered peonies in the past, present and future, as this information is vital to all who grow and enjoy our favorite plant-the peony. For further information concerning a wide range of peony related topics, visit the American Peony Society's website at <https://americanpeonysociety.org/>.

ON THE FRONT COVER:

'Hillary' – The American Peony Society's 2020 Gold Medal Award/ 2021 Peony of the Year. 'Hillary' is a cultivar belonging to the Itoh (Intersectional) group, and was registered in 1999 by hybridizer Roger Anderson. Photo courtesy Adriana Feng.

2020 Peony Registrations



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The American Peony Society is a nonprofit horticultural organization incorporated as a membership corporation under the laws of the State of Missouri. APS is organized exclusively for educational and scientific purposes, and especially to promote, encourage and foster the development and improvement of the genus *Paeonia* and public interest therein.

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2020 Peony Registrations
American Peony Society
Reiner Jakubowski, Registrar

MORE ABOUT REGISTERING PEONIES

Registering New Peony Cultivars

Anyone may register a peony. Guidelines apply and these can be found in the ICNCP which is published by the ISHS, periodically updated and revised, and available from them at <https://www.ishs.org/>. New peony cultivar registration background information and registration forms are available to the public on the American Peony Society (APS) website (americanpeonysociety.org). The APS Registrar may also be able to provide guidance, and can be contacted at registrar@americanpeonysociety.org.

Registration fees are subject to change; please refer to the APS website for current fees. Fees for 2021 will be \$35 per registration.

Cultivar registration information, including image quality and formatting requirements may be found on the American Peony Society's website and at the beginning of the registration form. The American Peony Society strongly suggests submitting high-quality, color-correct images of new cultivars, as photos will live on indefinitely in both the online Peony Registry and the Directory of New Cultivars.

Future Registration Publications

Future publications with photos and descriptions of new registered cultivars will be produced annually by the American Peony Society. This printed booklet meets the official publishing requirements of the International Code of Nomenclature for Cultivated Plants (ICNCP). The cutoff for inclusion in a current year's publication will be October 15, 2021 . Any new cultivar registration received after the cutoff date will be published in the following year's publication.

The Online Database of Registered Cultivars

Newly registered cultivars are also added to the APS online registry. The APS maintains a complete Registry of Peony Cultivars on its website (<https://americanpeonysociety.org/cultivars/peony-registry/>) which includes the cultivar name, originator, group name, date of introduction, description and image. It is searchable on any one of the first four items, and freely available for access to the public. New registrations are added to this registry as they are processed.



Part I

Lactiflora Group

'Alžběta Pomořanská' (Lactiflora Group)

— Uljana Blažková, Institute of Botany of the Czech Academy of Sciences, Průhonice / Pavel Sekerka, Czech Republic — Date received: August 31, 2020. Seedling No. CH-34. Parentage unknown. First bloomed 1980's, first propagated 2015. Has been distributed under this name to a number of botanical gardens in Europe. The name has been previously published in the brochure Botanical Gardens as Part of European Cultural Heritage, Průhonice, 2020. Late season



bloom (middle of Lacti season). Dark red ANEMONE form flower (RHS:61A-64A), 3-4 per stem, 5¼ inches in size (13.5 cm). Typically 3 rows of cupped guard petals, 2¼ inches wide (5.5 cm), neatly rounded, sometimes notched. Center consists of a crown or ring of finer petaloids surrounding larger petaloids at center, all of the same color as the guards. Carpels are stunted, sometimes split to reveal ovules. Stamens absent. Morphologically sterile, no seeds. A smaller flower, but with tidy and elegant form. Fragrant. Early foliage and stems purple with a bronze sheen. Foliage gradually greens up from the base of the leaflets. At time of flowering leaflets are green with edges and the main veins retaining purplish color. Stems also tinged purplish. Slightly spreading growth habit, height to 31 inches (79 cm), mechanical support not needed. Named during the celebrations commemorating the 700th anniversary of the birth of the Czech king and Holy Roman Emperor, Charles IV (1316-1378), for his fourth wife, Alžběta Pomořanská (Elisabeth von Pommern, 1347-1393) (m. 1363-1378).



'Andromeda' (Lactiflora Group) — Uljana Blažková, Institute of Botany of the Czech Academy of Sciences, Průhonice / Pavel Sekerka, Czech Republic — Date received: August 31, 2020. Seedling No. CH-10. Parentage: 'O-Sho-kun' open pollinated. First bloomed 1980's, first propagated 2015. Has been distributed under this name to a number of botanical gardens in Europe. The name and description have also been previously published in two Czech magazines, *Zahrádkář* and *Zahradnictví*. Late season

bloom (middle of Lacti season). JAPANESE flower form, 6¼ inches in size (16

cm.), 3 blooms per stem, pink (RHS:61B). Three rows of guard petals, rounded, somewhat notched, cupped, base of some petals with flare-like whitish area not normally visible. Average of 4 carpels, yellowish green, smooth. Stigmas normal, creamy yellow, washed pink. Stamens absent. Pollen absent. Staminodes somewhat variable depending on degree of transformation, narrow to broad, creamy yellow, yellow along the edges, often with pink mid-rib. Staminodal disc reasonably well developed, yellow washed green. Fertility not noted. Slight fragrance. Early foliage purple with white pubescence on young leaves along the main vein and petioles. At flowering leaves are green but edges and bases of leaves may retain some purplish tints. Stems and petiole purplish. Upright slightly spreading growth habit, height to 39 inches (99 cm). Named for the constellation Andromeda, in which the galaxy of the same name is located.



'Anna Falcká' (Lactiflora Group) — Uljana Blažková, Institute of Botany of the Czech Academy of Sciences, Průhonice / Pavel Sekerka, Czech Republic — Date received: August 31, 2020. Seedling No. CH-09. Parentage: 'L'Étincelante' open pollinated. First bloomed 1980's, first propagated 2015. Has been distributed under this name to a number of botanical gardens in Europe and in garden nurseries in the Czech Republic. The name and description have also been previously published in two Czech magazines,

Zahrádkář and Zahradnictví. Midseason bloom (at the beginning of the Lacti season). Flower form SINGLE with 2-3 rows of guard petals, size 6¼ inches (16 cm). Petals only slightly cupped, somewhat undulating, 2¼ inches wide (6 cm). Petals pink, slight purplish undertones (RHS:67D). Compact but prominently featured boss of stamens provides contrast and brightens up the flower. Carpels moderately hairy, pale yellowish green, washed reddish, 3-5 in number. Stigmas purplish-red (RHS:60B) with normal anatomy, fertile. Pollen-bearing stamens have yellow filaments. Well-developed staminodal disc, similar hue but paler than stigmas. Typically only one bloom per stem, occasionally more. Fragrance. Early foliage purple, foliage sparsely pubescent along the veins. Foliage green by the time buds have formed. Slightly spreading growth habit. Height to 25½ inches (65 cm). Named during the celebrations commemorating the 700th anniversary of the birth of the Czech king and Holy Roman Emperor, Charles IV (1316-1378), for his second wife, Anna Falcká (Anna von der Pfalz (1329-1353) (m. 1349-1353).



'Anna Svidnická' (Lactiflora Group) — Uljana Blažková, Institute of Botany of the Czech Academy of Sciences, Průhonice / Pavel Sekerka, Czech Republic — Date received: August 31, 2020. Seedling No. CH-28. Parentage: 'Angelika Kauffmann' open pollinated. First bloomed 1980's, first propagated 2015. Has been distributed under this name to a number of botanical gardens in Europe and in garden nurseries in the Czech Republic. The name and description have also been

previously published in two Czech magazines, *Zahrádkář* and *Zahradnictví*. Midseason bloom (at the beginning of the Lacti season). Flowers open pink (RHS:65D), quickly fade white subtle pale pink undertones. Flower form SINGLE with 2 rows of guard petals, size 5¼ inches (13½ cm), 1-2 blooms per stem. Petals generally flat with light ruffling, width about 2 inches (5.2 cm). Average of 3 carpels, occasionally more, yellowish at the base, becoming pink towards the stigmas, moderately hairy. Stigmas red, normal anatomy. Notes on seeds missing, but should be fertile. Pollen-bearing stamens, filaments yellow throughout. Well-developed staminodal disc, light pink. No fragrance. Early foliage purple, leaves sparsely, but noticeably pubescent along the veins. Foliage quickly greens up with the middle vein and the edges retaining some purple. Leaves green by time of flowering but may have slight purple color at the base. Upright growth to 26 inches (67 cm). Named during the celebrations commemorating the 700th anniversary of the birth of the Czech king and Holy Roman Emperor, Charles IV (1316 – 1378), for his third wife, Anna Svídnická (Anna von Schweidnitz, 1339-1362) (m. 1353–1362), Queen of Bohemia and mother of Wenceslas IV, heir to the throne.

'Ballroom Dancer' (Lactiflora Group) — Xiaonan Yu, Zhijun Dong, Wei Zhu, Zizhuo Meng, Xi Chen, Qihang Chen, all of the Beijing Forestry University, Haidian District, Beijing, China — Received December 25, 2019. Parentage unknown. First bloomed 2016, first propagated 2017. DOUBLE. Flowers are pink with suggestion of lilac, 6 inches in size (15 cm), and on average there are 1-3 per stem. Petals are rounded, average width of guard petals 1½ inches (3.6 cm). Stamens are transformed to petals, pollen absent.



Carpels absent, no seeds. Pleasant fragrance. Yellowish-green on emergence from ground, but stems and leaves are green at maturity. Upright growth, height to 36 inches (90cm). Stems erect and support flowers without added mechanical

support. Blooms late-season. The name comes from the flowers. A little breeze, a little rustling of the petals, perhaps the music of Johann Strauss in the background, and you are transported back to the 19th Century ballrooms of Europe, with the young women elegantly swirling in voluminous hooped pink dresses.

'Blanka z Valois' (Lactiflora Group) — Uljana Blažková, Institute of Botany of the Czech Academy of Sciences, Průhonice / Pavel Sekerka, Czech Republic — Date received: August 31, 2020. Seedling No. CH-20. Parentage unknown. First bloomed 1980's, first propagated 2014. Has been distributed under this name to a number of botanical gardens in Europe and in garden nurseries in the Czech Republic. The name and description have also been previously published in two Czech magazines, *Zahrádkář* and *Zahradnictví*. Mid/Late season



bloom. Dark red DOUBLE (RHS:61B), normally 4 blooms per stem, 4¼ inches in size (11 cm). Average width of guard petals 1⅜ inches (3½ cm). Bracts develop petal-like structure, same color as petals. Average of 4 carpels, yellow (RHS:5D), small. Stigmas white, normal morphology, but seeds not noted. Pollen-bearing stamens embedded deep among the petals at center, normally not visible. Filaments orange at the base, yellow towards the tips. Staminodes, narrow linear structure, color same as petals. Staminodal disc obscure. Fragrant. Early foliage purple, green at flowering but edges and bases of leaves may retain some purplish tints. Stems and petiole purplish. Upright slightly spreading growth habit, height to 31½ inches (80 cm). Named during the celebrations commemorating the 700th anniversary of the birth of the Czech king and Holy Roman Emperor, Charles IV (1316-1378), for his first wife, Blanka z Valois (Blanche de Valois, 1316-1348) (m. 1329-1348)



'Blue Beauty' (Lactiflora Group) — Zhiyang Liu, Wanjie Men, and Xi Chen, all of the Harbin Academy of Agricultural Science, Heilongjiang Province, China. — Received October 31, 2020. Parentage unknown. First bloomed 2016, first propagated 2015. Midseason bloom. Bluish-purple colored (magenta) DOUBLE, 6 inches in size (15¼ cm), average of 2 flowers per stem, fragrant. Guard petals 1 inch in width (2.5 cm), notched. Petals resistant to fading in direct sunlight. Pollen-bearing stamens, filaments

yellow. Average of 5 carpels, stigmas yellow, fertile. Foliage emerges green. Up-

right growth to 30½ inches (80 cm). May need support when in flower.



'Cassiopeia' (Lactiflora Group) — Uljana Blažková, Institute of Botany of the Czech Academy of Sciences, Průhonice / Pavel Sekerka, Czech Republic — Date received: August 31, 2020. Seedling No. CH-16. Parentage unknown. First bloomed 1980's, first propagated 2017. Has been distributed under this name to a number of botanical gardens in Europe. The name and description have also been previously published in Index Plantarum of Pruhonice Botanic Garden. Mid/late season bloom. ANEMONE flower form, 5 inches in size (12½

cm.), 2-3 blooms per stem, sometimes only 1, pink (RHS:67A). Two rows of guard petals slightly cupped, notched, width 2 inches (5 cm). Inner petals open same color as guards, may have coral tints, are edged creamy yellow, fade to lighter pink as flower matures. Petalodes at center are larger. Average of 4 carpels, yellowish green, slightly hairy. Stigmas purplish red, showing onset of transformation to petals. Stamens absent. Staminal disc reasonably well developed, white with pink wash. Early foliage purple with white pubescence on young leaves along the main vein but soon turn green. At flowering leaves are green but edges and bases of leaves may retain some purplish tints. Upright growth habit, height to 26 inches (66 cm). Named for the constellation, Cassiopeia.

'Colonel Michel de Salaberry' (Lactiflora Group) — Martinus Mooijekind, Saint-Stanislas-de-Kostka, Québec, Canada. — Received September 7, 2020. Parentage: Grown from seeds of the Canadian Peony Society seedling exchange program, 2012, Lot 94, 'Pride of Langport' open pollinated. First bloomed 2018. ANEMONE flower form, pink. A thick band of well-developed petaloids, pale yellow in color, separate the guard petals from the tuft of petalodes at the center. Center petalodes lacinated and



frilled, with prominent red edging giving the effect of flames. Flowers are 8 inches in size (20 cm), 1 bloom per stem. Subtle but pleasant fragrance. Mid-season flowering. Height 38-40 inches. Named at the request of friends of the city of Salaberry-de-Valleyfield. Charles-Michel d'Irumberry de Salaberry (1778-1829) was born in Beauport, Lower Canada. He continued his family's long tradition of military service, albeit in the British Army, since he was born after the dissolution of New France. He served in the Antilles, the Netherlands, Sicily, Ireland and Canada.

He was already a respected veteran officer when appointed to command a new corps of volunteers in 1812, the Canadian Voltigeurs (light infantry). He served with distinction in the War of 1812, winning several decisive battles, including the Battle of Chrysler's Farm, and most notably, the Battle of the Chateauguay. After the war he became a legendary folk hero in French Canada, and in 1817 he was made a Companion of the Order of the Bath. Charles de Salaberry is considered Canada's most respected soldier of his time. He died in Chambly, Quebec, on February 27, 1829.



'Dian Chun Zi' (Lactiflora Group) — Xiuxin Zhang, Shunli Wang, Jingqi Xue, Xiuxia Ren, all of the Institute of Vegetables and Flowers, Chinese Academy of Agricultural Sciences, Haidian District, Beijing, China. — Parentage unknown. First bloomed 2016, first propagated 2017. Midseason bloom. Dark pink SEMI-DOUBLE (RHS:72B). Guard petals about $1\frac{3}{8}$ inches in width (3.5 cm), notched. Flower is well-filled with petals, the petals grading smaller towards the center, notched, ruffled, somewhat frilled.

Flower size $4\frac{1}{2}$ inches (11 cm). Two or three side buds. Fragrant. Average of 5 carpels, glabrous, pale yellow in color (RHS:151A). Stigmas feathered, pale pink (RHS:155C), morphologically sterile. A distinct center of pollen-bearing stamens, filaments yellow throughout (RHS:19D). Some staminodes present, these of spatulate form. Early foliage purplish-red, matures to light green. Upright free-standing growth to 33 inches (83 cm). Good drought and cold resistance when established. Named for the flower color and end-of spring blooming.

'Ève Cournoyer' (Lactiflora Group) — Martinus Mooijekind, Saint-Stanislas-de-Kostka, Québec, Canada. — Received July 28, 2020. Parentage: 'Friendship' open pollinated. Grown from seed Lot #11, Canadian Peony Society Seed Exchange, 2011. Seeds provided by André Laurion. First bloomed 2018. Pink SINGLE with three rows of guard petals. Petals are notched, deeper pink with a hint of burgundy at the center, fading paler towards the edges. Flower 10 inches in size (25 cm). Typically only one bloom per stem. Centre boss of pollen bearing stamens. Pleasant fragrance. Mature height to 32 inches (81 cm) on strong stems. Named in memory of Ève Cournoyer with the collaboration of parents René and Francine Cournoyer.



'Fluttering Pink' (Lactiflora Group) — Xiaonan Yu, Wei Zhu, Zhijun Dong, Huiyi Sun, Zizhuo Meng, Qihang Chen, all of the Beijing Forestry University, Haidian District, Beijing, China — Received December 25, 2019. Parentage unknown. First bloomed 2016, first propagated 2017. Under current APS exhibition schedule, this would be shown as a DOUBLE. In classic early 20th century terminology it would be described as CROWN form, in which the guard petals and the center petals are separated by a ring of distinctly smaller petals. Purple-red flowers are $6\frac{3}{8}$ inches in size (14 cm) and on average there are one or three blooms per stem. Flowers comprised of two rows of rounded guard petals, sometimes slightly notched at the end. Stamens are transformed to quite narrow petals, highly feathered at their ends. Carpels generally 4 in number, light green, hairy, and capable of seed production. Pollen absent. Stigmas are milky white. Slight fragrance. Upright growth habit on strong stems, height to 36 inches (90 cm). Blooms mid-season. Fine ornamental cultivar suitable for the garden. The name is suggested by the feathering of the flower petals, which when in full bloom bring to mind a group of elegant girls, dancing lightly in the peony garden.



'Ghislaine Brosseau' (Lactiflora Group) — Martinus Mooijekind, Saint-Stanislas-de-Kostka, Québec, Canada. — Received August 5, 2020. Parentage: 'Westerner' open pollinated. Grown from seeds provided by André Laurion. First flowering 2018. SINGLE flower form with three rows of petals, size 9 inches (22 cm). Three flowers per stem. Flower color pink. The petals are rounded but notched. Tidy center of pollen-bearing stamens. Pale green carpels, creamy yellow stigmas. Pleasant scent. Blooms in mid-season.

Height to 50 inches. Named in memory of Ghislaine Brosseau (1945-2020) by her husband Rolland and daughter Julie.

'Hua Cai Dian Chun' (Lactiflora Group) —

Xiuxin Zhang, Jingqi Xue, Shunli Wang, Xiuxia Ren, all of the Institute of Vegetables and Flowers, Chinese Academy of Agricultural Sciences, Haidian District, Beijing, China. — Parentage unknown. First bloomed 2016, first propagated 2017. Late season bloom. ANEMONE flower form, of the type which in Leon D. Batchelor's system would have been designated "Crown" (Classification of the Peony: Third Report. Bulletin 278, Cornell University, Ithaca New York, 1910).



Several rows of guard petals (average width 1¼ inches (3 cm)), notched, followed by a band of petals which are variably bicolored pink and white. At the center is a tuft of petals the same color as the guards. Carpels absent, stamens absent. Staminodal disc well-developed, pale yellow. Floriferous, with up to 5 blooms per stem. Flower size 4¾ inches (12 cm). Fragrant. Early foliage purplish-red, matures to green. Upright free-standing growth to 34 inches (87 cm). Good drought and cold resistance when established.



'Karine Duval' (Lactiflora Group) —

Martinus Mooijekind, Saint-Stanislas-de-Kostka, Québec, Canada. — Received: February 6, 2020. Parentage: "Muskoka" open pollinated, seed obtained from Canadian Peony Society Seed Exchange, 2011, Lot 104. First bloomed 2015. SEMI-DOUBLE. Three rows of notched pink guard petals. The center of the flower is white and quite full, showing flower-in-flower doubling traits. These petals progress smaller towards the center, are interrupted by a ring of stamens, then the

inner flower follows the same pattern of progression to smaller petals. Flower 7 inches in size (17 cm). Height to 34 inches (86 cm). Named to honor Karine Duval (1991-2018), a courageous young woman who battled an incurable degenerative disease for seventeen years. It was her brave decision near the end to request medical assistance so that she could die with dignity and self-respect intact. The Maison Aline-Chrétien in Shawinigan, QC, was able to grant her wish to pass away outdoors in the sunlight she loved so much. Named with permission from her mother, Johanne Hébert.



'Marie-Nicole Lemieux' (Lactiflora Group)
— François-Léo Tremblay, Chicoutimi, PQ, Canada. — Parentage: 'Madame Furtado' x 'Catharina Fontijn'. First bloomed 2014, first propagated 2019. SEMI-DOUBLE. Late season bloom. Normally 1 bloom per stem. Flowers 6 inches in size (15 cm). Basal portions of petals are pink (RHS: 56A) becoming lighter and fading to white at the tips. Petal edges are rather evenly lacinated, forming a uniformly frilly flower. Five carpels, chartreuse yellow (RHS: 4A (+,-)), smooth.

Stigmas red, with normal anatomy. Pollen-bearing stamens, filaments yellow. Fertile. Staminodal disc is red and well developed. Fragrant. Self-supporting upright growth habit, height to 28 inches (72 cm). Named (with permission) for Marie-Nicole Lemieux, a Canadian-born coloratura contralto (Order of Canada (2015), l'Ordre national du Québec (2013)). Since her debut, winning first prize at the Queen Elisabeth International Music Competition in Belgium in 2000, she has become known as one of the finest coloratura contraltos performing on the world's stages today. Admired for an unusually flexible and beautiful contralto voice, as well as for its richness, warmth and resonance, all of it combined with stage presence and communicative power. The flower's lacy form and delicate coloring give it an eighteenth century feel, evocative of the era during which the Baroque operas, the characters of which she performs so well, were composed.

'Marie-Paule Pelland' (Lactiflora Gp) — Serge Fafard, St-Thomas de Joliette, QC / Jocelyne Goyet Chartier, Saint-Paul, QC, Canada — Received: February 14, 2020. Seedling No. P-13-2011. Parentage unknown. First year bloomed 2016, first propagated 2018. JAPANESE flower form, three blooms per stem, size 6 inches (15 cm). Three rows of white guard petals, 2½ inches wide (6¼ cm). Carpels average 4 in number, smooth, color yellowish green. Stigmas yellow, fertile, makes seeds. Prominent center



of narrow yellow staminodes. Early foliage emerges burgundy, matures to green. Upright growth habit to 36 inches (92 cm). Mid/Late bloom season. Named for the registrant's mother, Marie-Paule Pelland, straight, strong and beautiful like the peony named for her. She raised six children on a pork and dairy farm, later going into potato cultivation. Following a day's work on the farm and looking after the house, she still had the energy to pursue her passion, gardening. Her magnificent garden won two honorary awards.



'Mieke Bral' (Lactiflora Group) — Koen Hurtekant, Wingene, Belgium — Date received: September 11, 2020. Parentage: 'Carl G. Klehm' open pollinated. First bloomed 2014, first propagated 2017. Mid/Late season bloom. Primary flower DOUBLE, 2-3 sidebuds SEMI-DOUBLE. Large white flower, 8 inches in size (20 cm). Occasionally red marks appear on a few center petals. Average of 3-4 carpels, green, smooth. Stigmas pink, fertile. Pollen-bearing stamens interspersed among the petals when in double

form, but forming a distinct center in the semi-double sidebuds. Staminodal disc obscure. Strong pleasant fragrance. Foliage emerges green. Upright growth habit, height to 36 inches (91 cm). Sturdy stems support the flowers in normal weather but may be inadequate during rain and wind. Stems are rather leggy with foliage absent from the lower parts of the stem. Sidebuds always open well in a vase, even when stems are cut while main bud is still relatively hard, thus well-suited for use as a cut flower. Named for the originator's wife. European Plant Breeders' rights have been applied for with the Community Plant Variety Office (CPVO), the European Union agency responsible for managing the Community Plant Variety Rights system.

'Mo Lou Dian Chun' (Lactiflora Group) — Xiuxin Zhang, Shunli Wang, Jingqi Xue, Yuqian Xue, all of the Institute of Vegetables and Flowers, Chinese Academy of Agricultural Sciences, Haidian District, Beijing, China. — Parentage unknown. First bloomed 2016, first propagated 2017. Midseason bloom. DOUBLE flower form. Average 3 flowers per stem, 4½ inches in size (11.8 cm). Fragrant. Color purplish red (RHS:60A). Guard petals about 1⅜ inches in width (3.5 cm). Petals rounded, notched, somewhat twisted



and lightly frilled. Average of 3 carpels, glabrous, light green in color (RHS:2D). Stigmas with normal anatomy, red (RHS:N66D). Pollen-bearing stamens with filament pale green at base and yellow towards the tips. No seeds noted. Well-developed disc, pale yellow in color. Side buds tend to be darker than main flower. Long stems make this cultivar suitable for cut flower production. Early foliage green, matures to blue-green. Upright growth to 41 inches (105 cm). Mechanical support not needed. Good drought and cold resistance when established.



'Monarque Papillon' (Lactiflora Group) — Martinus Mooijekind, Saint-Stanislas-de-Kostka, Québec, Canada. — Received September 7, 2020. Grown from seeds provided by André Laurion through Canadian Peony Society seed exchange, lot 2011-13. First flowering 2017. SINGLE flower form, 3 flowers per stem. Flowers 6½ inches in size (16½ cm). Flower color pink, fading lighter towards the edges. Very pleasant fragrance. Blooms mid-season. Upright growth to 32 inches (81 cm). Named to pay tribute to the

exceptional work of the SPACE FOR LIFE committee.

"Observe a starry sky, contemplate a flower, admire the flight of a butterfly or observe the return of birds in spring. Nature does us good and amazes us. Life continues to flourish all around, despite the exceptional nature of the situation."

'Moonlight Sonata' (Lactiflora Group) — Uljana Blažková, Institute of Botany of the Czech Academy of Sciences, Průhonice / Pavel Sekerka, Czech Republic — Date received: August 31, 2020. Seedling No. CH-11. Parentage: 'La Fiancée' open pollinated. First bloomed 1980's, first propagated 2015. Has been distributed under this name to a number of botanical gardens in Europe. The name and description have also been previously published in two Czech magazines, Zahrádkář and Zahradnictví. Mid/Late season bloom (early midseason relative to other Lactifloras).



SEMI-DOUBLE flower form, 4 blooms per stem, size 5¾ inches (14.7 cm), white (RHS:155A). About 9 rows of petals. Guard petals rounded, somewhat cupped. Inner petals irregularly notched and lobed, decreasing in size towards the center. Tiny linear staminodes hidden among the petals. Average of three carpels, white with greenish tinge. Stigmas white with normal anatomy. Pollen-bearing stamens at the center, filaments yellow throughout. Fragrant. Early foliage purplish green, maturing to green with petioles tinged purplish. Slightly spreading growth habit, height to 30 inches (77 cm). Named by the originator, Uljana Blažková, a former head of the botanical garden. The flower reminded her of the moon, and she liked Beethoven's Moonlight Sonata.

'Noble Carmen' (Lactiflora Group) — Uljana Blažková, Institute of Botany of the Czech Academy of Sciences, Průhonice / Pavel Sekerka, Czech Republic — Date received: August 31, 2020. Seedling No. CH-18. Parentage unknown. First bloomed 1980's, first propagated 2015. Has been distributed under this name to a number of botanical gardens in Europe. The name and description have also been previously published in two Czech magazines, *Zahrádkář* and *Zahradnictví*. Blooms at the beginning of the



Lactiflora season. SINGLE flower form, 3-4 blooms per stem, size 6 inches (15½ cm), dark red (RHS:59B). Three rows of rounded petals, some flat, some slightly cupped, some gently ruffled, all adding a three-dimensional effect to the blooms. Center of pollen-bearing stamens occupy about one quarter of the flower. Filaments reddish purple at the base, yellow at the top. Average of 4 carpels, yellowish green (RHS:145D), very hairy. Reddish-purple stigmas (RHS:60A), normal anatomy, fertile. Staminodal disc well-developed, dark pink. Fragrance. Early foliage purple, sparsely pubescent. Leaves mature green by flowering season with stems and petioles retaining a purplish tint. Narrow upright growth to 37 inches (94 cm). Support not needed. Spain was once part of the Habsburg Empire, and after 1620 many aristocratic families from Spain emigrated to Bohemia. This peony is named its tall, slender, and erect aristocratic bearing, as well as the dark flower which can be interpreted as analogous to the dark hair of Spanish women. Carmen, with its Spanish origin, was selected to round out this image.



'Pauline Marois' (Lactiflora Group) — Martinus Mooijekind, Saint-Stanislas-de-Kostka, Québec, Canada. — Received: February 6, 2020. Parentage: 'Glenny Carlene' open pollinated, seed obtained from Canadian Peony Society Seed Exchange, 2011, Lot 49. First bloomed 2015. SINGLE. Three rows of pink guard petals, rounded, held cupped. A small tidy center boss of pollen-bearing stamens. Pleasant fragrance. Height 48 inches (120 cm). Straight stems support flower. Named for the first female Premier to be elected in

Québec.

'Pranciškaus Dvispalvis' (Lactiflora Group)

— Pranciskus Puidokas, Žiežmariai, Lithuania. — Received: December 02, 2019. Seedling No. PP-05-04. First bloomed 2005, first propagated 2010. Parentage: 'Maironis' (O. Skeivienė, 1964) x 'Garbe Motinai' (O. Skeivienė, 1958). Midseason bloom period. Flowers SINGLE, 7 inches (18 cm) in size, average 3 per stem. Two rows of guard petals, soft purplish-pink, fading lighter towards the edges (RHS:73-C). Flares, not immediately obvious, consist of slightly darker pigment (RHS:N74B) emphasized with a darker edge. Guard petals are rounded but may be notched. Average of 3 moderately hairy, yellowish-green carpels. Stigmas are very pale purplish (RHS:73-D) and fertile. Pollen bearing stamens have vivid yellow filaments at the base, lighter yellowish-green towards the tips. Pleasant fragrance. Foliage emerges deep purplish red (RHS:61-A), matures to green. Upright growth to 39 inches (100 cm) but benefits from support when in flower.



'Pranciškaus Rožinis Pažadas' (Lactiflora Group) — Pranciskus Puidokas, Žiežmariai, Lithuania. — Received: December 02, 2019. Seedling No. PP-05-03. First bloomed 2005, first propagated 2010. Parentage: 'Maironis' (O. Skeivienė, 1964) x 'Garbe Motinai' (O. Skeivienė, 1958). Midseason bloom period. Flower-in-flower DOUBLE, 6¾ inches (17 cm) in size, average 3 per stem. Petals colored strong reddish purple (RHS:NN74C), edges much paler. Average of 3 moderately hairy, yellowish-green carpels. Stigmas are

very pale purplish and fertile. Pollen bearing stamens are pale greenish yellow at the base, becoming yellow towards the tips. Pleasant fragrance. Upright growth to 43 inches (100 cm) but benefits from support when in flower.



'Prévention du suicide' (Lactiflora Group)

— Martinus Mooijekind, Saint-Stanislas-de-Kostka, Québec, Canada. — Received August 16, 2020. Parentage: 'Faith Fenton' open pollinated. Grown from seeds provided by André Laurion. First flowering 2017. Anemone flower form. Three flowers per stem. Guard petals white, with a central ball of narrow, pale yellow petaloids. Flower size 9 inches (22 cm). Carpels pale green, with pink stigmas. Pleasant but discreet fragrance. Strong stems, 82 cm high

(32 inches). Mid-season flowering. Named for the annual International Suicide Prevention Day with the collaboration of the Suicide Prevention Society and Le Tournant.

"For many people flowers have the ability to convey our feelings and thoughts much better than words. Depending on the occasion, each flower has its own meaning and allows us to offer our thoughts to our loved ones. Suicide being unfortunately irreversible, it could be relevant for many people to express their concerns to their loved one by giving them a flower for which the symbolism is suicide prevention. Perhaps this could facilitate the exchange between two beings who love each other and want to help each other without being able to say it in words. In this sense, this peony will become the symbol of a cause, facilitate communication and who knows, possibly prevent suicide." — Sébastien Piché, Deputy Director - Le Tournant

'Purple Beauty' (Lactiflora Group) — Zhiyang Liu, Wanjie Men, and Xi Chen, all of the Harbin Academy of Agricultural Science, Heilongjiang Province, China. — Received October 31, 2020. Parentage unknown. First bloomed 2017, first propagated 2016. Midseason bloom. Fuchsia colored flower-in-flower DOUBLE, 5¾ inches in size (14½ cm), 3 blooms per stem, fragrant. Guard petals just under an inch in width (2.3 cm), deeply notched. Inner petals somewhat ruffled, grading smaller towards the center.



Tuft of petals arises from pollen-bearing stamens at center, filaments yellow. Average of 5 carpels, stigmas yellow, fertile. Foliage green, lightly washed purplish when fresh. Stems with purplish tints. Upright growth to 29½ inches (75 cm). May need support when in flower. Suitable for planting in the garden, and for cut flower use. Petals resist fading in direct sunlight.



'Salamander' (Lactiflora Group) — Uljana Blažková, Institute of Botany of the Czech Academy of Sciences, Průhonice / Pavel Sekerka, Czech Republic — Date received: August 31, 2020. Seedling No. CH-15. Parentage unknown. First bloomed 1990, first propagated 2015. Has been distributed under this name to a number of botanical gardens in Europe. The name and description have also been previously published in two Czech magazines, *Zahradkář* and *Zahradnictví*. Mid/Late season bloom. Very

dark red SEMI-DOUBLE - DOUBLE flower form (RHS:61A-64A). Up to 3 blooms per stem, 4¾ in size (12 cm). Guard petals rounded, cupped, average width 1¾ inches (4½ cm). Petals become smaller towards the center. Carpels number 8 in the double flowers, half that in the semi-double, pale yellow, very hairy, white hairs. Stigmas purplish red, normal anatomy, fertile. Pollen-bearing stamens at center with narrow red staminodes interspersed. Filaments reddish at the base, upper half yellow. Staminodal disc well-developed, yellowish at their base, pink above. Foliage very dark on emergence, remaining so for a time, becomes green by the time of flowering with petioles and veins remaining purple. Upright growth to 35½ inches (90 cm). Named with the black and yellow Fire Salamander in mind, reflecting the dark flower with yellow stamen accents.

'Trojan Black' (Lactiflora Group) — Pavel Sekerka, Prague Botanical Garden, Czech Republic — Date received: August 31, 2020. Parentage unknown. First bloomed 1980's, first propagated 2015. Has been distributed under this name to a number of botanical gardens in Europe. The name and description have also been previously published in Index Plantarum of Pruhonice Botanic Garden. Midseason bloom (early in the Lactiflora season). Very dark red SINGLE (RHS:61A). Three to four blooms per stem, 7¼ inches in size (18½ cm). Two to three rows of guard petals, somewhat cupped, variably notched, average width 2½ inches (5.7 cm). Usually 5 carpels, smooth, reddish purple (RHS:59A). Stigmas normal anatomy, same color as carpels. Pollen-bearing stamens with filaments orange-red at the base, yellow at the top. Fertile. Fragrant. Foliage emerges dark purple. Leaves become dark green with purple veins and often with a purplish bronze wash. Stems, petioles, and buds are purple at flowering. Upright growth to 35½ inches (90 cm). Troja is a city district of the capital city of Prague in which the Prague Botanical Garden is located. Other plants



introduced from the Botanical Garden were given the prefix "Trojan" to indicate their origin here. This name continues that tradition, and "Black" of course, refers to the very dark flower and stems of this peony.

Part II

Herbaceous Hybrids



'Alkaja' [Herbaceous Hybrid] — Rea Peltola, Kuhmoinen, Finland — Date received: July 10, 2020. No seedling number, has always been known as Alkaja in the originators garden. Pod Parent: An unnamed *Paeonia anomala*, a garden plant of Kola Peninsula origin. Pollen Parent: *Paeonia x hybrida*, an heirloom Finnish garden plant known as Kartanopioni. First year bloomed 1995. First propagated 1999. Very early bloom period. Flower form SINGLE. Flowers borne 1 to a stem, 4-4 $\frac{3}{4}$ inches in size (10-12 cm), with

out-facing presentation. Bluish-crimson in color with red highlights. The color is intermediate between the two parents, noticeably more bluish than *P. x hybrida*, but much brighter than *P. anomala*. Petals are cupped, rounded, with just a hint of ruffling along the edges, and have a luminous silky sheen. Pleasant scent. Carpels average 3 in number, greyish green, moderately hairy, with light red stigmas of normal anatomy. Staminodal disc well-developed, light green. Pollen bearing stamens with filaments pale yellow. Seeds are produced occasionally. A large, robust plant to 43 inches (110 cm). As the season progresses, the tall stems begin to spread and thus benefit from mechanical support. Well covered with fern-like leaves which are finely cut, being intermediate between the two parents. Tuberous roots readily form adventitious buds, thus providing additional propagation opportunities. A vigorous and healthy plant which has thrived in both clay and sandy soils. Intermediate in appearance between both parents, but overall a better plant than either of them. A fine landscape plant but it can also be used in a vase. The name is pronounced "Ahl-kah-yah." It is a Finnish word, chosen to convey the very early bloom period, beginning the peony season in the originators garden. The name also marks this as the first peony to be registered out of the originator's garden.

'Angela Jo' [Herbaceous Hybrid] — Don Hollingsworth, Maryville, MO — Received: January 10, 2020. Hollingsworth number 3066, parentage record lost. First year propagated 2004. Off-white FULL DOUBLE flowers typically open in the EARLY period (Second Week rating), a season in which doubled flower peony cultivars remain scarce. Flowers 6-7 inches in size (15-18 cm) are predominantly borne one per stem, side buds infrequent. Opening buds will show a hint of yellow. However, in sunlight the effect quickly turns white, while a hint of pink remains in the depths of the flower. Cut in bud and opened indoors, the complex infusion of colors is more intense and persistent. Relatively long inner petals result in a domed flower profile. Irregular petal ends and lightly ruffled petals contribute to an informal flower appearance overall. A thin ring of stamens with pollen encircles the smaller, inner stage flower. Carpels are largely abortive in flowers on mature plants. Breeders may find normal carpels in reduced flowers, as on young plants or on forced secondary stems. Spontaneous fertility has not been noticed; serious testing of fertility yet to be undertaken. The medium tall bush, to 38 inches (96 cm), is generally erect; outer stems may spread with flowers. Leaflets are broad pointed, stems well covered. It was awarded the seedling class Certificate of Merit at 2019 American Peony Society exhibition. The name honors granddaughter Angela Jo Tretheway Rice.



'Anna' [Herbaceous Hybrid] — Timothy Stanek, Glenwood, IA — Date received: January 5, 2020. Seedling No: SPKS. Parentage: 'Old Faithful' x 'Sunny Boy'. First bloomed 2005, first propagated 2008. Blooms mid-season. SEMI-DOUBLE to DOUBLE. One flower per stem, 7-9 inches in size (18-23 cm). A loosely-packed double normally with the carpels and stamens at center visible, thus technically could be shown as semi-double at exhibition. Creamy-yellow petals with prominent raspberry pink to red

flares extending 30-40% of petals' length. Two or three rows of large guard petals, 3 inches in width (7½ cm), generally rounded, cupped, shallowly notched. Inner petals smaller, somewhat twisted, ruffled. Carpels 4-6 in number, light green, moderately hairy, the hairs white. Stigmas are raspberry pink (same as flares) with normal anatomy and capable of seed production. A few pollen-bearing stamens present, the filaments pale yellow. Disc obscure. Broad pointed green foliage.

Height to 24 inches (61 cm), flowers held without need of mechanical support. Fragrant. Awarded Certificate of Merit at 2014 APS Annual Exhibition, Mansfield, Ohio (Bulletin #371, September 2014, pg 23). Named for the registrant's Aunt.

'Anomala Semiplena' [Herbaceous Hybrid] — Pavel Sekerka, Prague Botanical Garden, Czech Republic — see 'Forest Sprite'. Raised and propagated under the name "Anomala Semiplena," and has been distributed under that name to a number of botanical gardens in Europe. This name, with description, has also been previously published in Index Plantarum of Pruhonice Botanic Garden. That name however, does not conform to International Code of Nomenclature for Cultivated Plants guidelines. For this reason, it has been given the name 'Forest Sprite'.



'Blushing Smile' [Herbaceous Hybrid] — Xiaonan Yu, Zhijun Dong, Wei Zhu, Liqi Chen, Miao Sun, Ting Wu, all of the Beijing Forestry University, Haidian District, Beijing, China — Received December 25, 2019. Parentage: (Lactiflora Gp) cvr. x [Herbaceous Hybrid] 'Scarlet O'Hara'. First bloomed 2016, first propagated 2017. SEMI-DOUBLE. Light peach-blossom pink flowers, $5\frac{1}{8}$ inches (13 cm) in size. Petals arranged in 3-4 rows, held cupped, and becoming progressively smaller towards the center. Pollen-bearing

stamens with filaments yellow throughout. Carpels are light yellow-green, hairy. Stigmas are pink. Triploid and not capable of seed production. Upright growth with erect stems, height to $31\frac{1}{2}$ inches (80 cm). Fine ornamental cultivar suitable for the garden. Blooms mid-season. Named for the cupped, peach-blossom colored flowers, bringing to mind a picture of a young innocent blushing maiden, standing slim and graceful like a fairy.

'Calliope' [Herbaceous Hybrid] — Nate Bremer, Reedsville, WI — Date received: January 5, 2020. Seedling No. HH1-16. Parentage: 'Carnation Bouquet' x unknown. First bloomed 2012, first propagated 2014. SINGLE light pink flowers, the color fading towards the edges of the petals. The petals generally rounded, held cupped, and may be lightly notched; average width of guards 2 inches (5 cm). Flower size 5 inches (13 cm). Established plants will produce up to 3 side buds to extend the flowering season. Aver-



age of three carpels, smooth, pale green. Bright pink-red stigmas add punctuation to the delicate simplicity of the flower. Staminal disc well-developed, creamy-pink. Pollen-bearing stamens with filaments cream-yellow. Fertile, and much used in originators breeding program to take advantage of its good plant habits. Early foliage light red on emergence, becoming deep green as it matures. Rounded hybrid foliage is carried on stems that reach 36 inches in height (92 cm). Plants are vigorous growers and disease resistant. Early/Midseason bloom. Calliope is named for the Greek Muse by the same name, which translates to "beautiful voice."



'Cherry Bomb' [Herbaceous Hybrid] — Nate Bremer, Reedsville, WI — Date received: January 5, 2020. Seedling #NB-H48. Parentage records say 'Old Faithful' x Seidl #74H120-2?, but the flower suggests the pollen parent is questionable, and may have been 'Old Soldier' rather than Seidl #74H120-2?. First bloomed 2012, first propagated 2014. DOUBLE. Red, medium sized flowers, are 6 inches in size (15 cm). Three rows of large rounded guard petals, some of which may be shallowly notched. Inner petals ruffled, lightly

notched and twisted. Occasionally petals will have a white splash or fleck present. One side bud is usually present to extend bloom season. Carpels smooth, green, 3-4 in number, with red stigmas. Disc white, a few projections, barely perceptible. Pollen-bearing stamens interspersed among the petals at center. Filaments red, becoming lighter towards the tips. Good fertility as both pod and pollen parent. Light fragrance. Height 32 inches on sturdy stems (81 cm), mechanical support not needed. Excellent medium green foliage, leaflets slightly rounded. Cut flower potential. Named with the cherry bomb firework in mind.

'Chlupáček' [Herbaceous Hybrid] — Pavel Sekerka, Institute of Botany of the Czech Academy of Sciences, Průhonice, Czech Republic — Date received: August 31, 2020. Parentage uncertain thought possibly *P. arietina* x *P. officinalis*. First bloomed 1980's, first propagated 2015. Has been distributed under this name to a number of botanical gardens in Europe. The name and description have also been previously published in two Czech magazines, Zahrádkář and Zahradnictví. Early season bloom period.



SINGLE, one bloom per stem, size 5½ inches (14 cm). Pink with blueish under-

tones (RHS:71C). Petals rounded, held cupped, average width 2¼ inches (5½ cm). Greenish-yellow carpels, 2-3 in number, hairy. Stigmas dark pink (RHS:64A) with normal anatomy, fertile. Pollen-bearing stamens. Filaments purplish pink at the base, pale yellowish-green at the top. Staminodal disc well-developed, white, green at the base. Flower resembles that of wild *P. officinalis* in form and color. Young leaves have hairy upper side, appear grayish-green, the edges purplish. At flowering foliage is mid-green with a matte finish, the edges with a slight purplish hue. A low broad plant, height to 19 inches (48 cm). The name alludes to the hairy surface of the foliage.

'Czech Poppy' [Herbaceous Hybrid] — Uljana Blažková, Institute of Botany of the Czech Academy of Sciences, Průhonice / Pavel Sekerka, Czech Republic — Date received: August 31, 2020. Seedling No. CH-04. Parentage: 'Gedenken' open pollinated. First bloomed 1980's, first propagated 2015. Has been distributed under this name to a number of botanical gardens in Europe. The name and description have also been previously published in two Czech magazines, *Zahrádkář* and *Zahradnictví*. Early/



Mid season bloom. Flower form SINGLE. One bloom per stem, 6¼ inches in size (16 cm) with up-facing flowers. Overall color effect is purplish-pink (RHS:57B). Darker pigment (RHS:65A) coalesces generally along the petal's veins over what might be thought of as a white background. Two rows of guard petals, 3 inches wide (7.5 cm) are held loosely cupped. Carpels number 3-4, are pale green (RHS:145C), densely covered with white hairs, and have whitish stigmas, washed pink (RHS:36C). Pollen-bearing stamens, filaments yellow through 9RHS10B). Staminodal disc well developed, white. Early foliage yellowish-green with leaflets washed purplish bronze, turning green by time of flowering. Stems, petioles, and veins of leaves have relatively long white hairs, or indumentum. Upright growth to 29½ inches (75 cm). As carpels mature they become large and suitable for decoration. Named as part of the "Poppy" series introduced by the Průhonice Botanical Garden. One envisions the Czech dessert Kolache, often made with a poppy seed filling.

'Dixon's Dream' [Herbaceous Hybrid] —

Peter Waltz, Exeter, NH — Date received: October 28, 2020. Seedling No. P09040. Parentage: P01057 x P00724. Pod and pollen parents were both seedlings; P01057 is (Hollingsworth #20 x JC Weguelin) and P00724 is (Horizon x Pink Vanguard). First bloomed 2004, first propagated 2004. Has been previously distributed under number P09040. Midseason bloom period. About a day before opening fully, many buds develop into a salmon-pink, shaving-brush of petals. As the sepals roll back, the petals grow mightily, resulting in a very large flower. Salmon-pink DOUBLE, 6 inches in size (15 cm), 1 bloom per stem, or frequently with a sidebud (about half the time). Pollen-bearing stamens interspersed among the petals at center, with pale yellow filaments. Two or 3 carpels, white, with very pale pink stigmas of normal anatomy. Seeds freely, fertile pollen. Well-developed staminodal disc, white. Foliage green on emergence from ground. Upright growth to 31 inches (79 cm). Flowers are quite heavy, and might bend the stems in the rain, but still keep their symmetry. 'Dixon's Dream' is named to honor the life of a departed friend.



'Early Caucasian' [Herbaceous Hybrid] —

Pavel Sekerka, Prague Botanical Garden, Czech Republic — Date received: August 31, 2020. Parentage: *P. mlokosewitschii*, open pollinated, likely by another species of the Caucasus. First bloomed, and first propagated, in the 1990's. Has been distributed under this name to a number of botanical gardens in Europe. The name and description have also been previously published in two Czech magazines, Zahrádkář and Zahradnictví. Very early bloom, earlier

than *P. mlokosewitschii* itself. Ten-petalled SINGLE with two rows of guard petals, 1 bloom per stem, 5½ inches in size (14 cm). No fragrance. Up facing flowers are pale yellow (RHS:160D) with raspberry flares extending ⅓ the petals' length (RHS:71C). Flares have indistinct edges and pigment bleeds along the petal's veins to the edges. Petals are rounded and held cupped. Average of 3 carpels, pale, and thickly covered with white indumentum. Reddish purple stigmas have normal anatomy. Pollen-bearing stamens, filaments reddish-purple (RHS:61A). Well-developed staminodal disc, of similar hue, but paler than the stigmas. Early foliage green washed purplish bronze. Stems, petioles, veins of leaves and flower buds are hairy. At flowering, leaves are green, somewhat purplish along the edg-

es. Vigorous plant with upright growth. The name relates to The Caucasus, the area between the Caspian and Black Seas where *P. mlokosewitschii* grows wild.

'Edna's Wish' [Herbaceous Hybrid] — Timothy Stanek, Glenwood, IA — Date received: January 5, 2020. Seedling No: CRM#2. Parentage: 'Old Faithful' x 'Lemon Chiffon'. First bloomed 2005, first propagated 2009. Mid/Late season bloom period. DOUBLE, size 7-8 inches (18-20 cm), normally 3 blooms per stem, fragrance. Sidebuds present as semi-doubles. Creamy light yellow flushed pale pink most heavily on outer rows of petals. Carpels variable, may number up to 4, or be completely absent. When present, white, moderately hairy. Light pink stigmas may be feathered, but have produced seeds. Some pollen-bearing stamens can be found amongst the petals. Staminal disc obscure. Upright spreading bush 38-40 inches tall (96-102 cm). Strong stems support the flowers without added mechanical support. Foliage provides color in the fall (amber, purple, red). Has demonstrated good potential for cold storage and vase use. Awarded Certificate of Merit and advanced to Court of Honor at 2014 APS Annual Exhibition, Mansfield, Ohio (Bulletin #371, September 2014, pg 22). Named for the registrant's mother-in-law.



'Elise McKenna' [Herbaceous Hybrid] — P. C. "Chris" Laning / Don Hollingsworth, Maryville, MO — Received: January 10, 2020. Hollingsworth No. 2275, parentage unknown. The plant was acquired with others from plants flowering among the Laning seedlings. Red SEMIDouble to DOUBLE flowers typically opening in the Early period (Third Week rating). Extra rows of broad, lightly cupped guard petals surround a band of inner petals, which in turn enclose the lesser band of short stamens, all of which

surround the inner flower, making up the two-stage, flower-in-flower form of standard Double peony flowers. Stamens and carpals tend to appear normal, but pollen is scarce and no seeds have been noticed, suggesting the chromosome state may be triploid. Flowers 6-7 inches in size (15-18 cm), borne one per stem. Average height is about 28 inches (71 cm). Stems are stout and stand well against harsh weather while in flower. Broad leaflets cover the bush to near the ground. Foliage holds up well into the summer season, for a multi species hybrid. Leaflets are only partly tolerant of mildew, but severe destruction of plant appearance

has not been seen. Breeders desiring to capitalize on the presence of two-stage doubling genetic potential of this peony might have best luck crossing it with a known fertile tetraploid. This name honors granddaughter Elise McKenna Benne.



'Elizabeth Black' [Herbaceous Hybrid] — William Seidl (deceased) / Nate Bremer, Reedsville, WI. — Date received: January 5, 2020. No seedling number, having always been known as Elizabeth Black in Bill Seidl's garden. Parentage unknown, although 'Vanilla Schnapps' is likely the seed parent. First propagated 2016. Large DOUBLE flowers, 8 inches in size (20 cm), having petals fluted and twisted, the ends frilled and ending in sharp points. Petals light pink at the tips, grading darker towards the base. Carpels

normally absent, when present poorly developed. No seeds produced to date of registration. Stamens interspersed among the petals at center. Filaments creamy-yellow. Pollen is fertile. Disc obscure or absent. No fragrance. One bloom per stem with an occasional sidebud. Foliage is wide and deep green. Upright growth to 34 inches (86 mm). Thick stems generally capable of supporting the large flower, mechanical support typically not needed. This was one of the last herbaceous seedling Bill grew from his own crosses. Named for Pittsburgh artist, Elizabeth Black who volunteered for the American Red Cross efforts during World War II. While overseas she sketched hundreds of military personnel, with the intent of sending the portraits back to worried family members. Many of the portraits did find their way home, but a number never were reunited with their families. Years later her son discovered the undelivered portraits among Elizabeth's memorabilia. Today a concerted effort is being made to repatriate the portraits with family. Bill, having served in the military, was always interested in and thankful for the efforts of those who supported the troops. Thus, he wanted to recognize and honor the efforts of Elizabeth Black with this peony registration.

'Erotikon' [Herbaceous Hybrid] — Pavel Sekerka, Prague Botanical Garden (pollination), Czech Republic, Institute of Botany of the Czech Academy of Sciences, Průhonice (cultivation description) — Date received: August 31, 2020. Parentage: *P. obovata* x *P. tenuifolia*. First bloomed 2012, first propagated 2015. Has been distributed under this name to a number of botanical gardens in Europe. The name and description have also been previously published in two



Czech magazines, *Zahrádkář* and *Zahradnictví*. Very early season of bloom. SINGLE flower form. Up facing flowers, 1 bloom per stem, size 3½ inches (9 cm). No fragrance. Pale red with purplish undertones (RHS:67A). Base of petals lack colour, with color gradually bleeding in and getting stronger to 30% of petals' length. Petals rounded, their edges lightly and evenly crinkled, 1¼ inches wide (3.5 cm). Average of 4 carpels, green, moderately hairy. Stigmas reddish-purple with normal anatomy, fertile. Pollen-bearing stamens, filaments reddish-purple at the very base, then creamy-white to the anthers. Staminodal disc evident, but incomplete. Early foliage green washed bronze, stems reddish, both maturing to green at flowering. Foliage typical of the "fernleaf hybrid" types. Upright growth, height 18½ inches (47 cm). As a seedling the flower triggered a response which inspired using name of the famous 1929 Czech film "Erotikon."



'Forest Sprite' [Herbaceous Hybrid] — Pavel Sekerka, Prague Botanical Garden, Czech Republic — Date received: August 31, 2020. Raised and propagated under the name "Anomala Semiplena." Has been distributed under the name "Anomala Semiplena" to a number of botanical gardens in Europe. This name, with description, has also been previously published in Index Plantarum of Pruhonice Botanic Garden. That name however, does not conform to International Code of Nomenclature for Cultivated Plants

guidelines. Parentage: *Paeonia anomala* open pollinated. First bloomed, and first propagated, in the 1990's. Early/Mid season bloom. Flower form usually SINGLE to SEMI-DOUBLE. Under good conditions it sometimes shows as double. One bloom per stem, 4¼ inches in size (11 cm) with out-facing flowers typical of the species. Purplish-pink flowers (RHS:78B). Fragrant. Guard petals rounded with shallow notch, average width 2 inches (5 cm). When present, inner petals are interspersed among the stamens, are ruffled and may be somewhat frilled. Carpels yellow-green (RHS:149D), 2-4 in number. Stigmas reddish-purple (RHS:71A) with normal anatomy. Fertile. Pollen-bearing stamens with filaments yellow throughout (RHS:2D). Staminodal disc consists of a few projections. Foliage typical of *P. anomala*. Upright growth to 33½ inches (85 cm). The name combines the typical forest or forest edge habitat of the species *P. anomala* with the relatively small flower in which the doubleness only appears sometimes, much like a woodland fairy or sprite. The plant is well suited for the "wild" garden in combination with other perennials.



'French Poppy' [Herbaceous Hybrid] — Uljana Blažková, Institute of Botany of the Czech Academy of Sciences, Průhonice / Pavel Sekerka, Czech Republic — Date received: August 31, 2020. Seedling No. CH-01. Parentage possibly 'Gedenken' open pollinated. First bloomed 1980's, first propagated 2015. Has been distributed under this name to a number of botanical gardens in Europe. The name and description have also been previously published in two Czech magazines, *Zahradkár* and *Zahradnictví*.

Early/Mid season bloom. Flower form SINGLE. One bloom per stem, 7½ inches in size (19 cm) with up-facing flowers. Red flowers (RHS:46B), with two rows of guard petals, rounded, held cupped. Average of 3 carpels, yellowish green, densely hairy. Stigmas red (RHS:52D) with normal anatomy, fertile. Pollen-bearing stamens, filaments red (RHS:46B). Well developed staminodal disc, white. Early foliage greenish-purple, stems, petioles, and veins of leaves have relatively long white hairs, or indumentum. Foliage bright green at flowering. Upright growth to 33 inches (83 cm). Long bloom period and flowers hold color well. As carpels mature they become large and suitable for decoration. Named for the color and form of the flower, reminiscent of the poppy *Papaver rhoeas*, often portrayed in French Impressionist paintings. This the first introduction in the Garden's "Poppy" series.

'Lembrose' [Herbaceous Hybrid] — Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. 10-21. Parentage: 'Lemon Chiffon' x 'Stephen E. Ambrose'. First year bloomed 2016, first year propagated 2017. Midseason bloom. DOUBLE. Two blooms per stem, size 7-8 inches (18-20 cm), fragrant. Color cherry red to rose with occasional ivory streak or two. Bloom shows flower-in-flower construction. Rounded guard petals followed by folded ruffled petals, giving way to evenly rounded



petals with the very center again showing ruffled petals. Carpels generally absent or vestigial. When present they are light green, very hairy, with pink stigmas. Seeds not observed. Pollen-bearing stamens. Staminodal disc obscure. Early foliage emerges green, broad pointed at maturity. Upright growth to 32 inches (81 cm), support not needed. The name acknowledges the parentage.



'Lumière' [Herbaceous Hybrid] — Don Hollingsworth, Maryville, MO / Jeaninne Lemmens, Nieuwerkerken, Belgium — Received January 29, 2020. Hollingsworth number 3051. Parentage: 'Salmon Dream' x 'Pink Vanguard'. First year bloomed 2001, first propagated 2001. Rose-pink DOUBLE flowers (RHS:73A) typically bloom EARLY to EARLY MIDSEASON, a season not heavily populated with doubled flower forms. Flowers 5½-6½ inches in size (14-16 cm) are normally borne one per stem, but side

buds may occur. Buds are cone-shaped with overlapping petals giving a scaled appearance as it matures to opening. As flowers mature, petals develop a frosted edge. Soft pleasant fragrance. Carpels 3-5 in number, light green, with pink stigmas, some showing evidence of transformation, but others near normal. Some pollen-bearing stamens remain interspersed among petals. Viable seeds are produced, but not consistently so. Early foliage washed burgundy with a bronze sheen remaining until the buds are half way mature. At time of flowering foliage is green. The broad foliage – the bottom leaves up to 6 inches long and 2¾ wide (15 x 7 cm) - is sturdy and remains healthy until late autumn. Stems, entirely clad in dense foliage, are robust and do not require any support in open field conditions. Height to 31½ inches (80 cm). Recommended as a landscape peony, though straight stems with flowers held above the foliage suggests cut flower potential. Received Seedling Award, APS Convention, Bloomington, Minnesota, 2008. The name comes from the idea that light brings happiness and joy, and that these emotions are radiated by the flower's luminous color tone and care-free appearance.

'Mariechen' [Herbaceous Hybrid] — Hans-Guenter Maschke, Halle, Germany — Received March 24, 2020. Seedling ORP-1. Parentage: (*P. officinalis* Rubra Plena x *P. peregrina*) F2. First bloomed around 2000. First propagated 2007. All anthers are uniformly broadened, some 1/12 inch (2 mm) wide, curled and with pollen-bearing edges. Filaments not modified. Flower resembles the Japanese form due to broadened and curled anthers, but there is ample pollen and true staminodes are absent, thus placing it in the



SINGLE class if shown at exhibition. Glowing red petals are 2 inches (5 cm) wide, the flower made up of 10-15 petals. One flower per stem, cupped, 5 inches (12½ cm) in size, not fragrant. Three carpels pale green, moderately hairy, stigmas light

red. Disc well developed, white. Stamens in the first stage of all-over transformation. Filaments $\frac{3}{4}$ inches (20 mm) long, red. Anthers $\frac{3}{8}$ inches (10 mm), red, pollen bearing edges yellow. Blooms early season, together with *P. officinalis* Rubra Plena. Presumed tetraploid. Fertile both ways. Has produced seedlings showing fully transformed stamens. Upright growth to 30 inches (75 cm), support not needed. Emerging foliage copper. Leaves usually triterminate with up to 14 leaflets, narrow pointed, 4 $\frac{1}{2}$ inches (12 cm) long, 2 inches (5 cm) wide. Has had limited prior distribution under current name. Named to honor Marie Seeliger, the maternal grandmother of originator's wife. "Mariechen" is the diminutive of Marie, thus a term of endearment.

'Mernabelle' [Herbaceous Hybrid] — Peter Waltz, Exeter, NH — Date received: October 28, 2020. Seedling No. 91-0405. Parentage: Hollingsworth #945 x 'Sunny Boy'. (Hollingsworth #945 is Hollingsworth #20 x 'Cream Delight'). First bloomed 2002, first propagated 2004. Has been previously distributed under number P04182. Midseason bloom period. Sulfur-yellow SEMI-DOUBLE flowers, 1 per stem, 5 $\frac{1}{2}$ inches in size (14 cm). Guard petals generally rounded, shallowly notched. Average of 3 carpels, white, with pale pink stigmas



of normal anatomy. Pollen-bearing stamens, though pollen is not profuse. Staminal disc well developed. Technically a semi-double, but carpels and stamens are often obscured, giving the effect of a double. Fragrant. Foliage emerges paler green, matures to green. Upright growth to 30 inches, mechanical support not normally needed, but stems will bend in the rain when in flower. A symmetric flush of healthy green leaves just under the flower turns a single stem into an excellent stand-alone bouquet, a feature that is lost at exhibition where foliage is typically removed. The name derives from one of many nicknames of registrant's wife and best friend, Melanie, and was chosen to grace this seedling, one of her favorite flowers.



'Mystic Embers' [Herbaceous Hybrid] — LeRoy Mielke, Marion, WI — Date received: September 27, 2020. Parentage: 'Lemon Chiffon' x 'The Mackinac Grand'. Purchased as one of a number of seedlings donated by Nate Bremer in 2012 for the Wisconsin Peony Auction. First year bloomed 2016, first year propagated 2018. Early/Mid bloom period. SEMI-DOUBLE, watermelon-red with coral undertones, 1 bloom per stem, size 7 inches (18 cm). About 5 rows of petals, rounded, shallowly notched, lightly ruffled.

Petals well-spaced from each other giving the impression that they're floating in air, giving visual volume to the flower but still retaining a light lacy feel. Pollen-bearing stamens, carpels present, fertile. Upright growth habit, height to 36 inches (92 cm).

'New Dimension' [Herbaceous Hybrid] — Timothy Stanek, Glenwood, IA — Date received: January 5, 2020. Seedling No: ND. Parentage: from a controlled cross, but record lost. First bloomed 2008, first propagated 2010. SINGLE with 12-18 petals, one bloom per stem. Warm peachy pink guard petals, the pink fading out towards the edges to leave a light creamy-yellow border. Inner petals tend towards buffy yellow. As flower matures in the garden the colors fade out. Petals rounded, cupped, the edges



evenly crenulated, at times split by a narrow notch. Average of 3 carpels, medium green, moderately hairy, the hairs white. Stigmas a muted red with normal anatomy. Well-developed white staminodal disc. Pollen-bearing stamens, filaments yellow. Produces large seeds. No fragrance. Early/Midseason bloom period. Early foliage green with red blush to the stems. Foliage turns amber to yellow in the fall. Height to 34 inches (86 cm) with thick stems able to support the flowers without added mechanical support. As carpels expand the stems may need support to carry the heavy seed load. Awarded APS seedling Certificate of Merit, 2014, Mansfield, Ohio (Bulletin #371, September 2014, pg 23).

'Pastel Rose' [Herbaceous Hybrid] — Hans-Guenter Maschke, Halle, Germany — Received March 24, 2020. Seedling CC-4. Parentage: Pod parent 'Coral Charm', pollen parent 'Coral Reef'. First bloomed 2015, first propagated 2015. Fully DOUBLE with flower in flower anatomy. Flowers borne mostly one per stem but sometimes with up to two laterals which are smaller in size. Big round buds open rose-shaped, rose-colored and rose-scented. Anthers, when abundant, may add unpleasing component to fragrance of fully opened flower. Slightly notched, twisted and cupped petals form a 7 inch (18 cm) flower. Color begins as pastel rose and transforms toward a soft coral as the amount of red gradually fades out as the flower ages. After the passage of a week or more the flowers fade to pale yellow, but are still in good shape. Usually 5 -7 carpels which are very small, pale green and moderately hairy, the stigmas pink. Staminodal disc obscure. Filaments yellow with varied dimensions up to 1¼ inches (32mm) in length. The anthers are yellow and look flimsy, but have pollen. Presumed triploid, no fertility yet observed. Blooms mid-season, a couple of days later than 'Coral Charm'. Upright growth to 43 inches (110 cm), support not needed. Emerging foliage bronze. Leaves usually triternate, leaflets narrow pointed. A tall, vigorous plant with unusual flowers.



'Patricia Jean' [Herbaceous Hybrid] — Timothy Stanek, Glenwood, IA — Date received: January 5, 2020. Seedling No: AprDb. Parentage: 'Old Faithful' x 'Lemon Chiffon'. First bloomed 2004, first propagated 2006. DOUBLE, size to 8 inches (20 cm). Usually 1 flower per stem but occasionally will have 2. Soft yellow-caramel color. Multiple rows of large guard petals, the outer row infused with pink. Guard petals rounded, may be notched. Inner petals curled and ruffled. Carpels variable, may number up to 5, or

be completely absent. When present, pale green in color, moderately hairy with white hairs, and having pink stigmas. When carpels present, can produce seeds. Some pollen-bearing stamens embedded among center petals. Staminodal disc obscure. Early/Mid season bloom period. Has fragrance. Distinctive dark green foliage. Strong overall growth producing an upright spreading bush to 34 inches tall (86 cm) with thick stems able to support the flowers without added mechanical support. Has demonstrated good potential for cold storage and vase use. Flower color deepens in storage. Awarded Certificate of Merit and advanced to

Court of Honor at 2012 APS Annual Exhibition, Omaha Nebraska (Bulletin #363, September 2012, pg 25). Named for the registrant's mother.

'Pretty Fancy' [Herbaceous Hybrid] — Timothy Stanek, Glenwood, IA — Date received: January 5, 2020. Seedling No: PF. Parentage lost. First bloomed 2008, first propagated 2012. Very Early bloom season (blooms with 'Nosegay'). DOUBLE, size 4-4½ inches (10-11½ cm), 1-4 blooms per stem, fragrance. Medium pink, fading lighter. Average of 3 carpels, light green, sparsely hairy, with pink stigmas of normal anatomy. Pollen-bearing stamens present, filaments light pink. Has produced seeds. Staminodal disc obscure.



Narrow pointed foliage. Low grower to 20 inches (51 cm). Mechanical support not needed. Awarded Certificate of Merit at 2019 APS Annual Exhibition, Ames, Iowa.



'Queen of Diamonds' [Herbaceous Hybrid] — Nate Bremer, Reedsville, WI — Date received: January 5, 2020. Seedling #NB-H106B. Parentage: 'Little Corporal' x ('Lemon Chiffon' x 'The Mackinac Grand'). First bloomed 2008, first propagated 2012. Medium sized SEMI-DOUBLE to DOUBLE pink-red flowers, 5½ inches on size (14 cm). One bud per stem. Guard petals rounded, gently ruffled, with 1 or 2 shallow notches, average width 1½ inches (4 cm). Inner petals more strongly ruffled and more deeply notched,

the ends becoming feathered in appearance. Fertile pollen-bearing may be found mixed among petals, the filaments red at the base, cream washed red towards the tips. Three-four carpels, green, smooth. When present, stigmas red, though usually feathered and incomplete, seeds rarely produced. Foliage light red on emergence from ground, maturing to medium green, somewhat narrower in width than a typical hybrid. Upright growth habit, strong stems, height to 32 inches (81 cm). Plants require no support during bloom, although spread slightly afterward bloom. Plants are excellent garden subjects due to their presentation of bloom and brightly colored flowers. Blooms carried well above the foliage suggesting cut flower potential, but more testing is required.



'Red Ray' [Herbaceous Hybrid] — Peter Waltz, Exeter, NH — Date received: October 28, 2020. Seedling No. 91-0405. Parentage: 'Night Watch' x 'Moonrise'. First bloomed 1996, first propagated 1998. Has been previously distributed under number P00515 and also as "Red Ray." Midseason bloom period. Dark red SINGLE flowers, become brighter as they mature. One bloom per stem, 5 inches in size (13 cm). Ten petals, smoothly rounded, gently cupped. Carpels 2-3 in number, white, lightly tinged green.

Stigmas white, normal anatomy. Prominent center of pollen-bearing stamens, filaments pale yellow. Well-developed staminodal disc, white. Fragrance. Emerges from the ground with glossy green foliage, washed purplish, more so along the edges. Upright growth to 29 inches (74 cm), mechanical support not needed. Fertile both ways. Tends to produce red seedlings and pollen tends to do likewise, this mitigated somewhat by choice of seed parent. A single flower, but useful for its tendency to maintain a tidy appearance in that it is slow to drop its pollen. In its season provides an excellent color contrast in an otherwise sea of paler blooms. The name has a double meaning, firstly the flower shining out like a beam of red light, and the other in memory of registrants best friend in college, Ray.

'Roger's Delight' [Herbaceous Hybrid]

— Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. RAHS 40. First year bloomed 2015, first year propagated 2016. Parentage not given. Early/Midseason bloom. SEMI-DOUBLE to DOUBLE, size 4½ inches (11½ cm), subtle fragrance. Three blooms per stem, side buds may be less well developed. Color coral pink, fading to light pink with petal edges frosted pale lavender white. About three rows of rounded guard



petals, inner petals grading smaller as they progress towards the center and becoming folded, giving a ruffled appearance. Carpels generally absent in primary flower but can be found in the side buds. When present they may set seeds. Pollen-bearing stamens in the primary flower but more profuse in the side buds. Filaments pink at the base, yellow towards the tips. Staminodal disc obscure. Early foliage emerges green, broad pointed at maturity. Early foliage emerges burgundy to green, green at maturity. Upright growth habit, height 24 inches (61 cm), support not needed.



'Roger's Prize' [Herbaceous Hybrid] — Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. RAHS 38. First year bloomed 2015, first year propagated 2016. Parentage not given. Midseason bloom. SEMI-DOUBLE. One bloom per stem, size 4½ inches (11½ cm), not fragrant. Color raspberry pink to red. Several rows of cupped guard petals, evenly rounded, shallowly notched. Prominent center of pollen-bearing stamens, filaments yellow. Generally 3 carpels, cream

colored, very hairy, having light pink stigmas. Fertile. Well-developed staminodal disc, white. Early foliage emerges burgundy to green, broad pointed at maturity. Upright growth habit, height 26-28 inches (66-71 cm), support not needed.

'Silesian Poppy' [Herbaceous Hybrid] — Uljana Blažková, Institute of Botany of the Czech Academy of Sciences, Průhonice / Pavel Sekerka, Czech Republic — Date received: August 31, 2020. Seedling No. CH-05. Parentage possibly 'Gedenken' open pollinated. First bloomed 1980's, first propagated 2015. Has been distributed under this name to a number of botanical gardens in Europe. The name and description have also been previously published in two Czech magazines, *Zahrádkář* and *Zahradnictví*.



Early/Mid season bloom. Flower form SINGLE. Normally only 1 bloom per stem but occasionally 1 or 2 sidebuds. Size 9 inches (23 cm) with up-facing flowers. Pink flowers (RHS:63C-62C) with rounded petals held cupped. Flower fades to light pink as it ages. Large petals 3⅓ inches wide (8 cm). Average of 3 carpels, pale yellowish-green, densely hairy with white indumentum. Stigmas white, normal anatomy, fertile. Prominent center of pollen-bearing stamens, filaments yellow (RHS:12B). Well developed staminodal disc, white. Early foliage greenish-purple, stems, petioles, and veins of leaves have relatively long white hairs, or indumentum. Foliage green at flowering. Upright growth to 33½ inches (85 cm). Long bloom period. As carpels mature they become large and suitable for decoration. One of the Garden's "Poppy" series of peonies, named for their resemblance in form and color to garden cultivars of oriental poppy.

'Tiny Lotus' [Herbaceous Hybrid] — Xiaonan Yu, Wei Zhu, Zhijun Dong, Xi Chen, Huiyi Sun, Liqi Chen, all of the Beijing Forestry University, Haidian District, Beijing, China — Received December 25, 2019. First bloomed 2016, first propagated 2017. Parentage: (*Lactiflora* Gp) 'Lian Tai' x [Herbaceous Hybrid] 'Garden Peace'. SINGLE, with 2 rows of petals, the ends of which are notched. Flowers are 5 inches (13cm) in size, 1 per stem. When fresh, the color is purplish red, but gradually fades to white as the flower ages. Stamens



normal, numerous, with pollen. Filaments are yellow. Carpels generally 3 in number, light green and hairy. Stigmas are pink. The flowers are triploid and not capable of seed production. Height to 31½ inches (80cm). Stems erect. The leaves are broad, inheriting the lineage of *Paeonia lactiflora* in this respect. The purple and red stems (also seen in 'Garden Peace') are different and unusual in the garden of flowers. Named for the color and shape of the flower, and for the relatively broad foliage, which combine to give the impression of a lotus. From the opening of the flower, through to maturity, the color changes from dark to light, much as the sun rises to bring light and welcome the early spring dawn.



'White Vanguard' [Herbaceous Hybrid] — William Seidl, Manitowoc, WI / Henry Chotkowski, Fayetteville, AR — Date received: October 22, 2020. Seedling No. Seidl 79H14-1. Parentage: 'Archangel' x Saunders 16350 F2. Correspondence with Seidl in 2006 verified 79H14-1 as an 'Archangel' seedling, with Bill's strong belief that 16350 F2 was the pollen parent (Saunders 16350 F2 was registered by Allan Rogers in 1991 as 'Blushing Princess' when it became obvious that it was being distributed well beyond the small circle

of ardent hybridizers who found it so useful in their work). Cross made in 1979, first bloom about 1983. First divided 2006 or not long before then. SEMI-DOUBLE to DOUBLE flowers on mature plants, buff with pink tints on opening, then fading to white. Medium-sized blooms, moderately deep, becoming more rounded and deeper as flower matures, that visual bulk being added to the flower by means of petals being gently ruffled, subtly crinkled, and held increasingly far apart. Tufts of thin petaloids emerge through the stamen boss and increase with plant maturity. Petals of average substance. Thick stamens are borne on short filaments. Ghost green carpels are tipped with dark red (mahogany) stigmas. Fertile both ways. Light sweet fragrance, rare for hybrids of this type of parentage. Vigorous when

well grown, having rapid stem increase. Semi-shiny leaves are medium sized atop the bush, becoming much larger lower down on the stem, reflecting its macrophylla heritage. Stems of medium thickness, project upward and slightly outward. Foliage almost to the ground with stem “legs” well hidden. Height at maturity 30 inches (76 cm) with 36 inch spread (91 cm). Seedling 79H14-1 came into the registrant’s garden in 2006, along with a few other numbered Seidl seedlings sent by Bill. Some of these were subsequently named by him, but he left the registration to others. Bill began publicly referring to 79H14-1 as ‘White Vanguard’ by 2012; the word “Vanguard” reflecting its early blooming at the very advent of the full size herbaceous hybrids season. The use of ‘White Vanguard’ in peony breeding, and its increasing distribution world-wide, pointed to the need of formalizing the name, which is hereby accomplished.

'Wonderous Awakening' [Herbaceous Hybrid] — Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. UHS 3. First year bloomed 2015, first year propagated 2016. Parentage not given. Early/Mid season bloom. SINGLE. One bloom per stem, yellow, size 4½ inches (11½ cm), not fragrant. Three carpels, pale green, very hairy. Stigmas white with normal anatomy. Pollen-bearing stamens, filaments yellow throughout. Fertile. Staminodal disc comprised of a few projections, white. No fragrance. Early foliage emerges green. Height 24 inches (61 cm), support not needed.



'Wonderous Canvas' [Herbaceous Hybrid] — Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. 20-18PJ. First year bloomed 2016, first year propagated 2017. Parentage: 'Martha W.' x 'Scarlet Tanager'. Midseason bloom. SINGLE. One bloom per stem, pink, size 5 inches (13 cm), fragrant. Guard petals generally rounded, may be deeply notched, and may have white streaks of varying width. Five carpels, pale green, moderately hairy. Stigmas pink with normal anatomy. Stamens present, but

pollen lacking. Filaments yellow, washed pink at the tips. No seeds. Staminodal disc well developed, pink. Foliage emerges burgundy to green, matures to green. Leaflets typical of *Lactiflora* x “Little Reds” hybrids. Upright growth to 36 inches (91 cm), support not needed.



'Wonderous Creation' [Herbaceous Hybrid] — Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. UHS 27. First year bloomed 2015, first year propagated 2016. Parentage not given. Midseason bloom. SEMI-DOUBLE to DOUBLE. One bloom per stem, pale yellow, size 3½-4 inches (9-10 cm), fragrant. Guard petals generally rounded, inner petals grade smaller towards the center. Inner petals ruffled. Average of two carpels, cream colored, very hairy. Stigmas

pink with normal anatomy. Pollen-bearing stamens, filaments yellow throughout. Some stamens transformed, and these are pale yellow. Fertile. Staminodal disc obscure. Foliage emerges green, broad pointed at maturity. Upright growth habit, height 22-24 inches (56-61 cm), support not needed.

'Wonderous Cup' [Herbaceous Hybrid] — Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. RAHS 17. First year bloomed 2015, first year propagated 2016. Parentage not given. Midseason bloom. SINGLE. One bloom per stem, cream colored, size 3½ inches (9 cm), fragrant. Three to five rows of petals held tightly overlapped forming a deep goblet. Inner petals may be notched. Average of two carpels, pale green. Stigmas pink with normal anatomy.



Pollen-bearing stamens, filaments yellow throughout. Fertile. Staminodal disc incomplete, a few projections, white. Foliage emerges green. At maturity, leaflet edges show pronounced waviness or ruffling. Upright growth habit, height 20 inches (51 cm), support not needed.



'Wonderous Design' [Herbaceous Hybrid]

— Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. RAHS 16. First year bloomed 2015, first year propagated 2016. Parentage not given. Midseason bloom. SEMI-DOUBLE to DOUBLE. One bloom per stem, pale yellow, size 6 inches (15¼ cm), fragrant. Guard petals rounded, wide (2½ inches (6 cm)). Inner petals folded giving ruffled appearance. Average of four carpels, cream colored. Stigmas white with normal anat-

omy. Pollen-bearing stamens, filaments yellow throughout. Fertility not determined. Staminodal disc obscure or absent. Foliage emerges green, broad pointed at maturity. Upright growth habit, height 32 inches (81 cm), support not needed.

'Wonderous Event' [Herbaceous Hybrid]

— Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. UHS 56. First year bloomed 2015, first year propagated 2016. Parentage not given. Early/Mid season bloom. SINGLE. One bloom per stem, garnet red, size 5½ inches (14 cm), fragrant. Two rows of large petals (2¼ inches wide (5¾ cm)), somewhat convoluted but not unduly so, the effect is to add visual volume and dynamic interest to the flower. Carpels green, stigmas cream colored. Pollen-bearing stamens, filaments pink. Fertile, makes seeds. Staminodal disc well developed, white. Foliage emerges burgundy to green, leaflet edges somewhat ruffled at maturity. Upright growth habit, height 26 inches (66 cm), support not needed.



'Wonderous Glory' [Herbaceous Hybrid]

— Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. UHS 8. First year bloomed 2015, first year propagated 2016. Parentage not given. Midseason bloom. DOUBLE. One bloom per stem, yellow, size 5 inches (13 cm), fragrant. Guard petals rounded, cupped. Petals diminish in size as they approach the center of the flower. A few stamens have not transformed, and

these offer pollen. Filaments cream colored. Carpels vestigial or absent. No seeds. Staminodal disc obscure or absent. Foliage emerges green, broad pointed at maturity, edges somewhat ruffled. Stems purplish. Upright growth habit, height 24 inches (61 cm), support not needed.

'Wonderous Harmony' [Herbaceous Hybrid] — Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. UHS 8. First year bloomed 2015, first year propagated 2016. Parentage not given. Midseason bloom. SINGLE. One bloom per stem, yellow, size 5 inches (13 cm), no fragrance. Two rows of guard petals, smoothly rounded and large (2½ inches wide (6¼ cm)). Three cream colored carpels, stigmas white with normal anatomy. Pollen-bearing stamens, filaments pale yellow. Fertile. Staminodal disc incomplete, a few projections, white. Foliage green, broad pointed. Upright growth habit, height 28 inches (71 cm), support not needed.



'Wonderous Home' [Herbaceous Hybrid] — Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. UHS 64. First year bloomed 2015, first year propagated 2016. Parentage not given. Early/Mid season bloom. SINGLE. Color can be described as magenta pink or lighter purplish red, either description indicating an underlying influence of the pigment anthocyanin. One bloom per stem, size 3½ inches (9 cm), no fragrance. Ten-petalled single, the petals

smoothly rounded and cupped, but also reflexed giving a wide-rimmed bowl shape to the flower. Three or four carpels, pale green, with pink stigmas having normal anatomy. Pollen-bearing stamens, filaments pink at the base and yellow at the tips. Fertile. Well-developed staminodal disc, white. Foliage green, broad pointed. Upright growth habit, height 26-28 inches (66-71 cm), support not needed.

'Wonderous Light' [Herbaceous Hybrid]

— Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. UHS 44. First year bloomed 2015, first year propagated 2016. Parentage not given. Early/Mid season bloom. SINGLE. One bloom per stem, pale yellow, size 5 inches (13 cm), no fragrance. Petals rounded, edges somewhat crimped, held cupped. Three carpels, cream colored, with light pink stigmas having normal anatomy. Pollen-bearing stamens, filaments yellow. Fertile. Well-developed staminodal disc, white. Foliage green, broad pointed. Upright growth habit, height 26 inches (66 cm), support not needed.



'Wonderous Palette' [Herbaceous Hybrid]

— Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. UHS 13. First year bloomed 2015, first year propagated 2016. Parentage not given. Midseason bloom. SEMI-DOUBLE. One bloom per stem, size 5 inches (13 cm), fragrant. Three rows of guard petals, rounded, cupped. Inner petals much smaller, convoluted, with stamens interspersed. Pink flares extend about 20% of the petals' length, and these flares give a

rosy glow to the depths of the flower. Three carpels, cream colored, moderately hairy, with light pink stigmas having normal anatomy. Pollen-bearing stamens, filaments yellow. Fertile, makes seeds. Staminodal disc partial, consisting of a few projections, white. Foliage green, broad pointed. Upright growth habit, height 30 inches (76 cm), support not needed.

'Wonderous Pink' [Herbaceous Hybrid]

— Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. UHS 66. First year bloomed 2015, first year propagated 2016. Parentage not given. Early/Midseason bloom. SEMI-DOUBLE. One bloom per stem, size 3½ inches (9 cm), no fragrance. Bright pink. Petals may be rounded, pointed, frilled. Carpels absent. Pollen-bearing stamens, filaments yellow. Narrow linear



staminodes also present, colored ivory to pink with ivory streaks. Staminodal disc obscure or absent. Upright growth habit, height 24-26 inches (61-66 cm), support not needed.



'Wonderous Ruffles' [Herbaceous Hybrid]
— Swenson Gardens, Howard Lake, MN
— Received December 22, 2019. Seedling No. 9-13-3. First year bloomed 2014, first year propagated 2016. Parentage: Waltz 16340F3 x 'Roselette's Child'. Early season bloom. SINGLE. Two blooms per stem, size 6 inches (15 cm), no fragrance. Very pale pink petals, fading out to ivory towards the edges, pleasantly ruffled, with prominent bold pink flares extending 20% of petals' length. Petals are large with 3 inch width (7½ cm).

Three carpels, pale green, with bright pink stigmas matching flares in color. Stigmas have normal anatomy and are fertile. Staminodal disc well developed, pink. Upright growth habit, height 32 inches (81 cm), support not needed.

'Wonderous Shine' [Herbaceous Hybrid]
— Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. UHS 57. First year bloomed 2015, first year propagated 2016. Parentage not given. Early/Midseason bloom. DOUBLE. One bloom per stem, size 5½ inches (14 cm), fragrance. Pale yellow petals. Guards rounded, cupped, shallowly notched. Carpels green and hairy, but small and underdeveloped. Stigmas red. No seeds. Pollen-bearing stamens. Staminodal disc obscure. Upright growth habit, height 30 inches (76 cm), support not needed.



'Wonderous Song' [Herbaceous Hybrid]
— Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. UHS 36. First year bloomed 2015, first year propagated 2016. Parentage not given. Early/Midseason bloom. SEMI-DOUBLE. One bloom per stem, yellow, size 5 inches (13 cm), subtle fragrance. Guards rounded, shallowly notched. Three carpels, cream colored, very

hairy. Stigmas pink with normal anatomy. Fertile. Pollen-bearing stamens with filaments yellow. Staminodal disc partial with few projections, light pink. Upright growth habit, height 26-28 inches (66-71 cm), support not needed.



'Wonderous Spectacle' [Herbaceous Hybrid] — Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. UHS 7. First year bloomed 2015, first year propagated 2016. Parentage not given. Midseason bloom. DOUBLE. One bloom per stem, yellow, size 5½ inches (14 cm), subtle fragrance. Guards rounded, shallowly notched. Petals get smaller and margins become crenulated as petals progress to the center, the overall effect tidy and pleasing. Carpels absent. No

seeds. A few stamens have resisted transformation and these have pollen, filaments yellow. Staminodal disc obscure. Upright growth habit, height 28 inches (71 cm), support not needed.

'Wonderous Spirit' [Herbaceous Hybrid] — Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. UHS 45. First year bloomed 2015, first year propagated 2016. Parentage not given. Early/Mid season bloom. SEMI-DOUBLE. Two blooms per stem, yellow, size 5 inches (13 cm), has fragrance. Guards smoothly rounded, inner petals progress smaller towards the center. Hint of short pink flares. Three carpels, cream colored, very hairy. Pink stigmas with



normal anatomy. Fertile. A center of pollen-bearing stamens have filaments pink at the base and yellow towards the tips. Staminodal disc obscure. Upright growth habit, height 26-28 inches (66-71 cm), support not needed.



'Wonderous Sun' [Herbaceous Hybrid]
— Roger F. Anderson / Swenson Gardens,
Howard Lake, MN — Received December
22, 2019. Seedling No. UHS 1. First year
bloomed 2015, first year propagated 2016.
Parentage not given. Early/Mid season
bloom. SEMI-DOUBLE. One bloom per stem,
pale yellow, size 5 inches (13 cm), has fra-
grance. Guard petals smoothly rounded,
inner petals smaller, convoluted. Hint of
short pink flares. Carpels mostly vestigial.
No seeds. Pollen-bearing stamens, filaments

yellow. Staminodal disc partial with a few projections, white. Upright growth
habit, height 26 inches (66 cm), support not needed.

'Wonderous Top' [Herbaceous Hybrid]

— Roger F. Anderson / Swenson Gardens,
Howard Lake, MN — Received Decem-
ber 22, 2019. Seedling No. UHS 53. First
year bloomed 2015, first year propagated
2016. Parentage not given. Early/Mid sea-
son bloom. SEMI-DOUBLE. One bloom per
stem, deep pink, size 4-4½ inches (10-11
cm), has fragrance. Hint of watermelon-red
flares deep inside flower, some petals have
ivory streaking. Two carpels, colored cream,
with pink stigmas. Fertile. Pollen-bearing



stamens, filaments yellow. Well-developed staminodal disc, light pink. Upright
growth habit, height 26-28 inches (66-71 cm), support not needed.



'Wonderous Vision' [Herbaceous Hybrid]
— Roger F. Anderson / Swenson Gardens,
Howard Lake, MN — Received December
22, 2019. Seedling No. UHS 75. First year
bloomed 2015, first year propagated 2016.
Parentage not given. Midseason bloom. SIN-
GLE. One bloom per stem, size 4 inches (10
cm), has fragrance. In color, purplish red with
suggestions of violet in certain light. Petals
rounded and cupped. Light green carpels, an
average of two, very hairy. Stigmas pink, fer-
tile. Pollen-bearing stamens, filaments pink at

the base but quickly fading to pale yellow. Well-developed staminodal disc, bright
pink. Upright growth habit, height 28-30 inches (71-76 cm), support not needed.

'Wonderous Works' [Herbaceous Hybrid]

— Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. UHS 19. First year bloomed 2015, first year propagated 2016. Parentage not given. Midseason bloom. SEMI-DOUBLE. Two blooms per stem, yellow, size 5-5½ inches (13-14 cm), has fragrance. Two or three rows of relatively wide guard petals (2 inches (5 cm)), evenly rounded, with a small notch, and held cupped. Inner petals smaller becoming convoluted and ruffled. Pollen-bearing stamens intermixed with petals at center. Carpels usually small and underdeveloped, average of three, cream colored, with pink stigmas. Not fertile. Staminal disc obscure. Upright growth habit, height 24 inches (61 cm), support not needed.



'Wonderous Yellow' [Herbaceous Hybrid]

— Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. UHS 35. First year bloomed 2015, first year propagated 2016. Parentage not given. Midseason bloom. SEMI-DOUBLE. One bloom per stem, yellow, size 4½ inches (11½ cm), has fragrance. Petals ruffled, grading smaller towards the center. Pollen-bearing stamens. Carpels usually two in number, cream colored, with pink stigmas. Fertile. Staminal disc obscure.

Upright growth habit, height 24 inches (61 cm), support not needed.

'Yellow Caucasian' [Herbaceous Hybrid]

— Pavel Sekerka, Prague Botanical Garden, Czech Republic — Date received: August 31, 2020. Parentage: *P. mlokosewitschii*, open pollinated, likely by another species of the Caucasus. First bloomed, and first propagated, in the 1990's. Has been distributed under this name to a number of botanical gardens in Europe. The name and description have also been previously published in two Czech magazines, Zahrádkář and Zahradnictví. Very early bloom period. SINGLE with two rows of guard petals, 1 bloom per stem, 6 inches in size (15¼ cm). Petals held



cupped, are pale yellow (RHS:2C) with pinkish flares extending about 20% of the petal's length, then bleeding somewhat along the veins. Few carpels (2-3), pale yellowish-green, densely hairy with white indumentum. Stigmas reddish-purple (RHS:63A) with normal anatomy, fertile. Pollen-bearing stamens, filaments yellow. Well-developed staminodal disc is white. Fragrance may be perceived as unpleasant by some. Early foliage green washed purplish bronze. Stems, petioles, veins of leaves and flower buds are hairy. At flowering, leaves are green, somewhat purplish along the edges. Vigorous plant with upright growth to 24 inches (60 cm). The name relates to The Caucasus, the area between the Caspian and Black Seas where *P. mlokosewitschii* grows wild.

Part III

Suffruticosa Group

'Burning Desire' (Suffruticosa Group) — Dot and John McFarlane, Waimate, South Island, New Zealand — Parentage unknown, grown from Smirnow seed. First year bloomed 1996. One bloom per stem, red, generally semi-double but with occasional double flowers. Stems extra-long with flowers held well above the bush. Stamens, pollen and seeds. Mid-green foliage.

'Nong Dian Fan Hong' (Suffruticosa Group)

— Xiuxin Zhang, Shunli Wang, Fengjian Li, Xiuxia Ren, Rong Liu, all of the Institute of Vegetables and Flowers, Chinese Academy of Agricultural Sciences, Haidian District, Beijing, China. — Parentage: 'Ding Xiang Zi' x 'Godaishū'. First bloomed 2015, first propagated 2015. DOUBLE flower form, 1 flower per stem, 5 inches in size (13 cm). Fragrant red flowers presented in up-facing position (RHS:67C). Guard petals rounded, generally flat, average width 1¼ inches (4.2 cm). Inner



petals ruffled, somewhat twisted, coarsely frilled. Carpels absent. Stamens for the most part fully transformed, with a few petals showing small areas of discoloration along the edge as evidence of their origins. No pollen and no seeds. Sheath absent. Early foliage green, leaflets yellowish-green at maturity. Annual branches to 10 inches in length (25 cm). Pedicels are thick and straight. Upright plant growth. Height at maturity 35½ inches (90 cm). Strong resistance to drought and cold when established. In the name, “Nong” refers both agriculture in general, and in this case specifically to the agriculture and breeding unit of the Chinese Academy of Agricultural Sciences. The balance of the name alludes to the starry appearance given the flowers by the remnants of the transformed stamens.



'Nong Dian Qian Hong' (Suffruticosa Group) — Xiuxin Zhang, Jingqi Xue, Junfeng Fan, Yuqian Xue, Fang Wang, all of the Institute of Vegetables and Flowers, Chinese Academy of Agricultural Sciences, Haidian District, Beijing, China. — Parentage: *Paeonia rockii* x 'Taiyō'. First bloomed 2015, first propagated 2015. Mid-season bloom. Rounded flower buds. BOMB flower form having a base of guard petals forming a “plate” on which sits a ball made up of small-

er petals. One flower per stem, 4¼ inches in size (11 cm). Fragrant red flowers presented in up-facing position (RHS:58B). Guard petals rounded, shallowly notched, average width 1¼ inches (3.3 cm). Inner petals smaller than guards, notched, somewhat twisted and frilled, curled at the ends, some with golden edges showing the remains of transformed stamens. Stamens for the most part transformed. Some staminodes remain, fairly evenly interspersed among the petals. Average of 5 carpels, greenish-yellow (RHS:1D), moderately hairy. Stigmas red (RHS N66B) with normal anatomy. No seeds. Sheath absent. Annual branches to 6-10 inches in length (15-25 cm). Pedicels are thick and straight. Early foliage light green becoming blue-green with maturity. Upright plant growth. Height at maturity 35½ inches (90 cm). Strong resistance to drought and cold when established. The name made up of two parts. “Nong” identifies with the Chinese Academy of Agricultural Sciences, the remaining terms alluding to the evenly distributed golden edges on the center petals, suggesting stars hanging in the night sky.



'Nong Yuan Die Yu' (Suffruticosa Group)

— Xiuxin Zhang, Jingqi Xue, Yantong Shi, Xiaoping Wang, all of the Institute of Vegetables and Flowers, Chinese Academy of Agricultural Sciences, Haidian District, Beijing, China. — Parentage: *Paeonia rockii* x *Paeonia rockii*. First bloomed 2015, first propagated 2015. Mid-season bloom. Flower buds ovate. Fragrant white flowers of DOUBLE form (RHS:NN155B), 1 bloom per stem, size 4¼ inches (10.6 cm). Guard petals generally rounded, average width 1¼ inches (3.3 cm).

Inner petals lightly twisted, heavily frilled. Carpels and stamens absent. Hint of pink in the depths of the flower. Annual branches to 6-10 inches in length (15-25 cm). Pedicels are thick and straight. Early foliage purplish-red, matures to green. Height at maturity 35½ inches (90 cm). Spreading growth habit, but mechanical support not needed. Strong resistance to drought and cold when established. The name inspired by the frilled petals, like the scattered light sent earthward by a bright moon in the night sky.



'Nong Yuan Lou Lan' (Suffruticosa Group)

— Xiuxin Zhang, Jingqi Xue, Xiuxia Ren, Rong Liu, all of the Institute of Vegetables and Flowers, Chinese Academy of Agricultural Sciences, Haidian District, Beijing, China. — Parentage: *Paeonia rockii* x 'Kaō'. First bloomed 2015, first propagated 2015. Mid/Late season bloom. Flower buds round. DOUBLE form reddish-purple flowers (RHS:68B), the color approaching lavender, 1 flower per stem, size 4¾ inches (12.1 cm).

Flowers have darker greyish-purple pigment in their depths (RHS:187A) extending about 40% of petals' length. Guard petals rounded, notched, width 1¼ inches (3.8 cm). Inner petals lightly ruffled, frilled. Carpels and stamens absent. Sheath absent. Fragrant. Flowers face outward. Annual branches to 6-10 inches in length (15-25 cm). Pedicels are thick and straight. Early foliage light green, matures to green. Upright plant habit, height to 37½ inches (95 cm). No mechanical support needed. Good cold and drought resistance. Named for the once prosperous ancient Chinese city of Lou Lan which suddenly disappeared in the 3rd century. Though rediscovered 100 years ago, a sense of mystery remains. It has come to symbolize mystery and continues to engender contemplation and reverie.

'Nong Yuan Mu Lan' (Suffruticosa Group)

— Xiuxin Zhang, Jingqi Xue, Xiuxia Ren, Rong Liu, all of the Institute of Vegetables and Flowers, Chinese Academy of Agricultural Sciences, Haidian District, Beijing, China. — Parentage: 'Xiang Yu' x 'Taiyō'. First bloomed 2015, first propagated 2015. Early/Mid season bloom. Rounded flower buds. DOUBLE flower form, 1 bloom per stem, size 4½ inches (11.2 cm). Light reddish purple flowers (RHS:77C) have dark purple flares extending about half the petals' length.



Guard petals rounded, cupped. Inner petals twisted, ruffled, somewhat frilled. average of 5 carpels, yellowish-green (RHS:1C), sparsely hairy. Stigmas feathered, transformed to yellowish-green petals. Stamens absent. Partial sheath, yellowish green (RHS:151C). Annual branches to 8-10 inches in length (20-25 cm). Pedicels are thick and straight. Flowers up facing. Fragrant. Early foliage purple, matures to green. Narrow upright growth habit. Height at maturity 35½ inches (90 cm). Mechanical support not needed. Named for Mulan, a female warrior of ancient China who disguised herself as a man to take the place of her aged father in the conscription for the army. She had a distinguished career and rose to level of

general. It was not until she retired and returned home that she revealed her true sex. The name was chosen to reflect the color of the flower, but also beauty and strength, in that the flower can survive drought and low temperature conditions and still bloom beautifully in the spring.

'Nong Yuan Yu Guan' (Suffruticosa Group)

— Xiuxin Zhang, Shunli Wang, Junfeng Fan, Huiting Ci, all of the Institute of Vegetables and Flowers, Chinese Academy of Agricultural Sciences, Haidian District, Beijing, China. — Parentage: 'Xiang Yu' x 'Godaishū'. First bloomed 2015, first propagated 2015. Midseason bloom period. Flower buds rounded. Fragrant, fully DOUBLE white flowers (RHS:N155B), 1 bloom per stem, size 4¼ inches (10.6 cm). Guard petals generally rounded, edges with irregular



shallow notching, petal width about 1¼ inches (3 cm). Inner petals twisted and frilled. Blush-pink staminodes give a soft pink glow from the depths of the flower. Average of 4 carpels, yellowish-green (RHS:144C), very hairy. Stigmas yellowish-green with normal anatomy. Stamens absent, no seeds. Partial sheath, red (RHS:57A). Annual branches to 6-8 inches in length (15-20 cm). Pedicels are thick and straight. Foliage yellowish-green. Upright growth to 32 inches (80 cm). Mechanical support not needed. Good cold and drought resistance. The name of this cultivar chosen to indicate that the flowers are white, elegant, and beautiful.



'Nong Yuan Yu Lou' (Suffruticosa Group) —

Xiuxin Zhang, Jingqi Xue, Yuqian Xue, Fang Wang, all of the Institute of Vegetables and Flowers, Chinese Academy of Agricultural Sciences, Haidian District, Beijing, China. — Parentage: *Paeonia rockii* x 'Kaō'. First bloomed 2015, first propagated 2015. Midseason bloom. Flower buds rounded. DOUBLE flower form, pink (RHS:65B), 1 bloom per stem, flower size 4½ inches (11.4 cm). Up facing flowers, fragrant. Guard petals rounded, notched. Inner petals somewhat ruffled,

lightly frilled. Reddish-purple flares extend about 60% of the petals' length, and continue to bleed along the midribs of the petals. Carpels and stamens absent. Annual branches to 10-12 inches in length (25-30 cm). Pedicels are thick and straight. Early foliage green, yellowish-green at maturity. Upright plant growth. Height at maturity 35½ inches (90 cm). Strong resistance to drought and cold when established. The first character of the name denotes its origin name at the

Chinese Academy of Agricultural Sciences, otherwise the name makes reference to the large, gorgeous flower having resemblance to a palace built of pink jade.

'Scarlet Emperor' (Suffruticosa Group) — Dot and John McFarlane, Waimate, South Island, New Zealand — Received: June, 2001. Seedling Number McF 24. Parentage unknown, grown from Smirnow seed. First year bloomed 1994. One bloom per stem, scarlet red, semi-double. Stamens, pollen and seeds. Fragrant. Reliable. Good amount of bloom, height to 5 feet (150 cm). Flowers held well above the bush, good stem strength, mid-season bloom, good vigor, mid-green foliage.



Part IV

Lutea Hybrid Group



'Dakota Girl' (Lutea Hybrid Group) — Nate Bremer, Reedsville, WI — Date received: January 5, 2020. Seedling #NB-SH104. Parentage: 'Manchurian Promise' x Seidl #118. (Seidl #118 is D223 x Seidl #15 (Seidl #15 is Golden Experience x Chinese Dragon)). First bloomed 2015, first propagated 2015. Large flowers to 8 inches in size (20 cm). Three rows of petals. Petals of the outer two rows are large, 2½ inches wide (6¼ cm), rounded, gently ruffled, and shallowly notched. Inner petals smaller and point upwards, but otherwise similar. The ruffling and petal structure add visual bulk to the flower suggesting a SEMI-DOUBLE flower form. The petals have a base color of cream which is heavily overlain with rose-pink on opening. The overlying rose-pink soon fades to reveal rose-veined cream petals with a loosely defined rose border. Deep maroon-black flares extend to 20% of petals' length, lending an air of mystery to the center of the flower and helping to accentuate the bright compact mass of deep yellow anthers at center. Pollen-bearing stamens have deep red filaments. Well-developed cream-white sheath. On average, 4-6 carpels, light green, smooth. Stigmas cream. Excellent pollen fertility, and while seeds are more of a challenge, they can be obtained with a compatible pollen donor. Light vanilla-like fragrance. Foliage is very deep blue-green and large. Leaves have medium deep lobes with pointed ends and hold throughout the summer and fall to create an excellent landscape specimen. Height to 36 inches (92 cm), though stems are often winter-killed in Wisconsin's harsher winters. Stems quickly regenerate from basal buds and usually produce excellent bloom on first-year stems. In less demanding climates it is expected that die back will not be an issue and plant height will increase. As growing in Wisconsin, plants are wider than tall. Flowers are carried on long stems which often bend, but that shortcoming is compensated by the quality of the flower. A flower very suitable presented floating in a shallow bowl. Named for dear friend and fellow peony addict, Linette Sorrentino, who has her family roots in the Dakotas.

'Golden Experience' [Lutea Hybrid Group]— David L. Reath, Vulcan, MI — Seedling number A-198. Parentage given as 'Golden Isles' x F2 lutea hybrid (Paeonia Vol. 13, No. 3). First offered in Reath's 1984 catalog under its seedling number in order to make it available to hybridizers. Described therein as a "good single to semi-double yellow, tall grower. Very fertile pollen, fertile as a pod parent." First offered under the name 'Golden Experience' in 2000, with the catalog description "Semi-double, Yellow, Late-midseason, 46 inches tall. The flower of Golden Experience is an open, airy semi-double of rounded shape. The petals are flared deep red at their bases with some of the central petals edged and streaked red. A strong growing tall plant of particular interest to the hybridizer as it is pod and pollen fertile and the parent of some of the new tree peony hybrids and herbaceous x tree hybrids."



'Rosetta' (Lutea Hybrid Group) — Roberto Gamoletti, Italy. — Received July 28, 2020. Parentage: ('Chinese Dragon' x 'Golden Era') x 'Rosalind Elsie Franklin'. First bloomed 2009, first propagated 2012. SEMI-DOUBLE to DOUBLE flowers are purplish red (RHS:58A) on opening, then fading to RHS:67A. An average of three blooms per stem, size 6 inches (15 cm). First row of petals much paler but edged with an indistinct band of darker pigment, their back surface silvery white at opening. Petals lightly ruf-

fled, occasionally notched. Purple red flares (RHS:N57A) have a rounded but blurred edge and extend to 35% of petals length. Darker pigment continues to radiate along the fine veining to the edges of the petals. Average of 2-3 carpels, smooth, pale green, with red stigmas sharply edged white. Purplish red sheath well developed, complete. Pollen-bearing stamens interspersed with petals. Filaments are purple, fading near white at the tips. Pollen and seed fertile. Fragrance absent. Blooms early midseason. Flowers are held above the foliage of the bush and presented up facing (without the lutea "hook"). Healthy blue-green foliage with typical Lutea Hybrid leaflets. Upright growth habit reaching 60-71 inches at maturity (150-180 cm).

'Saharan Sun' (Lutea Hybrid Group) — Nate Bremer, Reedsville, WI — Date received: January 5, 2020. Seedling: #NB-SH117. Parentage: 'Age of Gold' x 'Autumn Harvest'. First bloomed 2012, first propagated 2012. SEMI-DOUBLE to DOUBLE flower form, size 7 inches (18 cm). Medium yellow with light touches of rose on petal edges. Guard petals rounded, gently ruffled, slightly notched. Short red-maroon flares extend 20% of petals' length, the edges blurred, not sharp. Four-five carpels, green, smooth. Stigmas



cream colored, normal anatomy. Capable of seed production. Pollen-bearing stamens, filaments red at the base, yellow at the tips. Partial sheath, cream-yellow. One bloom per stem, occasionally with a side bud. Flowers are rather ball shaped and borne over an extended period, as side buds open later. Blooms presented in an outfacing position and are well displayed around the plant. Light vanilla-like fragrance. Midseason bloom period. Excellent large medium green foliage. Plant grows to 3½ feet (106 cm) in Wisconsin, with a spread of 4.5 feet (140 cm). Stems may be killed by winter conditions in Wisconsin, but the plant is a strong grower with hybrid vigor and regrows from basal shoots the following spring and blooms reliably. Named for the flower's rounded sun-like shape and brilliant color.



'Tenebrosa' (Lutea Hybrid Group) — Roberto Gamoletti, Italy. — Received August 15, 2020. Pod Parent: Seidl Seedling #60 (A-198 x 'Chinese Dragon') x 'Zephyrus'. Pollen Parent: 'Rosalind Elsie Franklin'. (Note that Reath Seedling A-198 was distributed to hybridizers for many years under number, beginning in 1984. It was named Golden Experience in 2000.) First bloomed 2008, first propagated 2012. Dark purplish-red SINGLE with two rows of petals. One flower per stem, size 7-8 inches (18-20 cm). Petals

generally rounded, lightly ruffled along the edges. Dark purplish-black flares extend to 30% of petals' length. The petals have dark veining, adding visual texture to the flower. Average of 2-3 carpels, moderately hairy, pale green, with reddish stigmas edged white. Purple sheath well developed, complete. A tidy ring of bright, pollen-bearing stamens lights up and enhances the flower. Filaments are dark purple, fading near white just under the anthers. Pollen and seed fertile. Blooms early midseason. Fragrance absent. Healthy blue-green foliage with typical Lutea Hybrid leaflets. Upright growth habit reaching 78 inches at maturity (200 cm). A vigorous grower. The name inspired by the dark color of the flower.

'Theia' (Lutea Hybrid Group) — Nate Bremer, Reedsville, WI — Date received: January 5, 2020. Advanced generation lutea hybrid. Seedling #NB-SH99. Parentage: 'Door County Sunset' x Seidl #141. First bloomed 2010, first propagated 2011. Flower form SINGLE. One flower per stem, size 5½ inches (14 cm). Petals have a cream colored base, overlain with rose-red, which gives a peachy-orange flower on opening. This fades to creamy yellow flushed rosy-peach, the rosy-peach concentrating towards the



edges giving an indistinct darker border. Back sides of petals show more yellow coloration with age than front. Petals open rounded, relatively flat, but become ruffled with moderate notching as they mature. Dark maroon flares extend about 15% of petals' length, their edges indistinct, blurred. Typically 5 carpels, light green; stigmas greenish cream, flushed pink, viable anatomy. Sheath dusty red-purple. Pollen-bearing stamens; filaments red-purple. Fertile as a pollen parent, seeds with difficulty. Plants produce blooms in profusion, unusual for lutea hybrids and a wide range of color variations may be seen on a single blooming plant due to aging (quite striking). Fragrance absent. Mid-season bloom period. Foliage is wide and deep blue-green. In Wisconsin stem hardiness is average to good (for a lutea hybrid) and plant grows to 3½ feet (106 cm), with a spread of 4.5 feet (140 cm). Propagation by both division and grafting has proven successful. The Named for the Titan Goddess Theia, the goddess of light, sometimes referred to as the goddess of shining elements.

Part V

Itoh Group and Intersectionals



'Castlegar' (Itoh Group) — Reiner Jakubowski, Waterloo, ON, Canada — Date received: October 28,, 2020. Seedling 1019-01. Parentage: IT-58 x 'Golden Era' (IT-58 is an unnamed lactiflora seedling received from Irene Tolomeo many years ago, said to be the parent of her 'Sonoma Halo'). First bloomed 2014, but was propagated in 2012 by grafting. Divided 2019. Has had scant distribution under number, and more recently under registered name. Mid/Late season bloom (along with peonies such as 'Garden

Treasure' and 'Goldilocks' (Gilbertson)). DOUBLE, 5 inch flowers (12¾ cm) with creamy-yellow petals, fairly uniformly streaked or spotted with raspberry-pink, the overall effect tending to be viewed as peach or near orange. Guard petals about 3 inches long (8 cm) with flares extending 1¼ inches (3 cm). Edges of flares are indistinct or blurred. Through their life, flowers fade to near white with raspberry flares. Generally 5 carpels, pale green, with pink stigmas having normal anatomy, but no fertility. Stamens sparse, interspersed among petals at center, no pollen. Sheath absent. Foliage green, leaflet edges may have purplish tints, typical form for hybrids of this type. Height to 36 inches with similar spread. Mechanical support not needed, stems may bend when in flower, but do not break. As a specimen plant, the bending stems serve to provide a nicely rounded form, shielding the supporting stems from view. Named 'Castlegar' to commemorate the 20th annual CPS show and meeting, and to recognize all the effort that the people in Castlegar, BC, put into making it one of the best conventions in CPS history. This was the location and event at which Seedling 1019-01 made its debut so it is only appropriate.

'Tonka Cloud' (Itoh Group) — Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. RAISS 35. First year bloomed 2015, first year propagated 2016. Parentage not given. Midseason bloom. SEMI-DOUBLE. One bloom per stem, size 6½ inches (16½ cm), no fragrance. Opens pale pink but fades to white as the flower matures. Pale purplish flares extend to quarter of petals' length, the margins blurred. Guard petals



generally rounded but shallowly notched at midpoint and the margins slightly asperous. Five carpels, green, moderately hairy. No fertility. Stigmas reddish, normal anatomy. Stamens present, but pollen absent. Filaments yellow at the base but quickly fade paler towards the tip. Well-developed sheath almost totally encloses carpels, lavender pink in color. Foliage emerges burgundy to green. Leaflets relatively narrow, but otherwise typical for Itoh Gp. Upright growth habit, height 26 inches (66 cm), support not needed.



'Tonka Extravaganza' (Itoh Group) — Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. 2 RAISS A. First year bloomed 2015, first year propagated 2016. Parentage not given. Early/Midseason bloom. SINGLE. One bloom per stem, lavender purple, size 5½ inches (14 cm), subtle fragrance. Guard petals, 2½ inches in width (6⅓ cm). Smooth edge, but with a fold at mid-point giving a ruffled appearance. Inner row of petals narrower. Red flares extend to 30% of petals'

length, the margins bleeding into the paler lavender purple background. Five carpels, light green, very hairy. Stigmas cream, normal anatomy. No fertility. Stamens present, but pollen absent. Filaments purple at the base, yellow towards the tip. Sheath partial, extending barely half way up the carpels, cream in color. Foliage emerges burgundy to green. Leaflets typical for Itoh Gp. Upright growth habit, height 34 inches (86 cm), support not needed.

'Tonka Ruby' (Itoh Group) — Roger F. Anderson / Swenson Gardens, Howard Lake, MN — Received December 22, 2019. Seedling No. 10 RAISS 82. First year bloomed 2016, first year propagated 2016. Parentage not given. Midseason bloom. SEMI-DOUBLE. One bloom per stem, ruby red, size 4½ inches (11½ cm), no fragrance. Guard petals generally rounded, cupped, notched, somewhat ruffled, 1¾ inches in width (4½ cm). Inner petals smaller. Very dark reddish purple flares, almost black, extend to 35% of petals'



length. Five carpels, green, moderately hairy. Stigmas cream, washed pink, normal anatomy. No fertility. Stamens present, but pollen absent. Filaments red at the base, yellow towards the tip. Sheath partial, near complete but with gaps, color cream, washed peach. Foliage emerges burgundy to green. Leaflets typical for Itoh Gp. Upright growth habit, height 24 inches (61 cm), support not needed.

Part VI

Species Selections

Species peonies do not exist as a population of identical clones, but are made up of unique individuals with one or more identifiable characteristics which place them as a member of that species. This variability allows for the opportunity to sometimes find growing among these wild peonies, one that is different and that has some features that make it worthy of bringing into cultivation. Species peonies may also be grown in the garden, raised from “wild” seed. Here too you may find a seedling a little bit different from the rest having qualities making it worthwhile to propagate, name and register as a cultivar. On the one hand these selections can remain thought of as members of that species, but once selected, named, and registered, they are also treated as cultivars and must be propagated vegetatively to retain the features for which they were chosen to be brought into cultivation.

'Kinlen' (Species Selection) — Lois Kinlen, Madison, WI / Nate Bremer, Reedsville, WI — Date received: January 5, 2020. *Tenuifolia* species selection grown from seed purchased of Josef Halda. The seed origin was either from Bulgaria [JH010768 VID [*Bulgaria* (Vidin)] ...lowland open bushy slopes; vigorous clumps with very dissected leaflets and huge blood-red flowers}, or from the Caucasus region {JH 0108850 KART [*Caucasus* (Kartli)]...*Paeonia tenuifolia montana* dry-rocky slopes; small clumps broader leaf-



lets and smaller dark crimson flowers}. First year bloomed 2008, first year propagated 2011. Some prior distribution under the name being herewith registered. Flower form SINGLE. One flower per stem, size 2 inches (5 cm). Flower color light pink. Petals cupped, generally rounded, with edges fairly evenly, but shallowly crenulated. Carpels pale green, stigmatic surfaces creamy white. Pollen-bearing stamens. No fragrance. Very early bloom period. Very fine fern leaf foliage characteristic of the species. 'Kinlen' has larger flowers and better vigor than others of this type being grown at Solaris Farms, is not difficult to grow, and takes up very little space in the garden. Good fertility both ways. Good amounts of seed are obtained when using its pollen on *tenuifolia* 'flora plena rubra'. Offspring are often red singles. Few red doubles and pink singles are produced from first generation crosses. When self-pollinated, approximately 95% of the offspring will bloom with single red flowers (typical *P. tenuifolia*) and the remaining will be pink (rosea form). This would indicate that this plant does not have simple recessive traits for the color pink, but rather a more multiple allele configuration

or other genetic inheritance pattern. Named for Lois Kinlen. The seeds that gave rise to the seedlings from which 'Kinlen' was selected were obtained by sisters Lois Kinlen and Jean Halverson of Wisconsin, in 2001. Over the previous 10 years, Lois and Jean were generous in their donations to the Wisconsin Peony Society and the Minnesota Peony Society plant auctions, the avenue by which this peony arrived at Solaris Farms.

'Lagodekhi Sunrise' (Species Selection) —

Hans-Guenter Maschke, Halle, Germany —

Received March 24, 2020. Seedling MLO-3.

Grown from commercial seed labeled "*Paeonia mlokosewitschii*". MLO-3 was the sole

plant in its batch with flowers not cream or yellow, but otherwise it fits well with the

current conception of *P. mlokosewitschii*, or alternatively *P. daurica* subsp. *mlokosewitschii*,

according to which authority you subscribe. First bloomed 2013, first propagated

2014. Flowers typical of *P. mlokosewitschii*

except for coloring, borne 1 to a stem, 3½ inches (9cm) wide, not fragrant. Guard

petals 2 inches (5 cm) wide, rounded, cupped. Color on opening is a dusty, slightly bluish light red, bordered and partly suffused with yellow. Subsequently, the

reddish hue retreats to a red veining and the light yellow color predominates towards the end of blooming. Carpels number 2-3, white, densely tomentose.

Stigmas pale pink. Disc poorly developed, white. Filaments ¾ inch (10 mm) long, lilac at base, white towards tips. Anthers yellow, 1/5 inch (5mm). Blooms very early,

together with *P. mlokosewitschii*. Presumed diploid, ample pollen and seeds, as fertile as any *P. mlokosewitschii*. Plant shape and size are typical of *P. mlokosewitschii* but on the compact side. No mechanical support needed. Height 18 inches

(45 cm). Broad, moderately pointed leaflets. Emerging foliage copper. Named after the Lagodekhi Nature Reserve in the Republic of Georgia where plants called

P. mlokosewitschii are flowering in a range of different colors.



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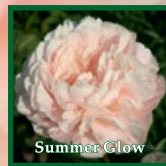
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*"If I have seen further, it is by
standing upon the shoulders
of giants. "*

— Albert Camus



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