



The Hardy Plant Society/Mid-Atlantic Group

# 2014–2015 Seed Exchange Catalog

MID-ATLANTIC GROUP

The 21<sup>st</sup> annual edition of the Seed Exchange Catalog includes 1,010 seed donations contributed by 59 gardeners, from beginners to professionals. Over 100 new plants were

donated for the first time. As you can see, this seed program includes new plants not previously offered, as well as old favorites.

We're sure you'll enjoy perusing this year's selec-

tions and you will find plants your garden can't do without! Since some listed seed is in short supply, you are encouraged to place your order early.

## Our Seed Donors

Catalog listed seed was generously contributed by our members. Where the initial source name is followed by “/” and other member names, the latter identifies those who actually selected, collected, cleaned, and then provided descriptions to the members who prepared the catalog. Our sincere thanks to each one.

Aquascapes Unlimited / Heffner, Randy 1114	Garnett, Polly 318	Ploeg, Susan 1990
Barrett, Karen 2483	Greenwood Gardens / Huggins, Brendan 1928	Robinson, Barbara Paul 797
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## Our Catalog Staff

The HPS members who have worked to produce this catalog, over the last three months, form a talented and dedicated group to whom we are all grateful. Contact the team via email at [SeedExchange@hardyplant.org](mailto:SeedExchange@hardyplant.org).

Loretta DeMarco .....Seed Exchange Chair

Sandy Vernick .....Seed Exchange Vice Chair

Jim Bobb .....Seed Catalog Editor, Data Entry, and Archive Master

Lynn Cherry .....Donation Receiver and Seed Coder

Mary Ann Thomas .....Nomenclature, Code Master, Order Tallier, and Proofreader

## How to Use this Catalog

Each list entry is identified by a combination of a six-character Plant Code and a Donor Code. The list is organized alpha-numerically by plant code. We have listed each plant and the basic facts about it only once in the following format:

**Plant Code** Botanical name. COMMON NAME. Plant type. Light requirements. Plant height × spread. Bloom season.

After the plant name and basic plant facts, you'll find any further information from each individual who donated that particular plant as follows:

**Donor Code** - Flower color. Donor's description of or comments about the plant. Germ: Donor's germination information, if provided. *Donor name*.

'Cultivar name' of plant from which seed was collected is identified, if available, within the Botanical name. Please keep in mind that seedlings from cultivars may not come "true" from seed. They are not genetically identical to the parent. The seedlings they produce may look identical to the seed parent, may resemble the seed parent closely, or they may look very different from the seed parent.

### Botanical name abbreviations

**f.** form  
**subsp.** subspecies  
**syn.** synonym, alternate name  
**var.** variety

### Plant types abbreviations

**An** Annual  
**Bien** *Biennial*  
**Per** *Perennial*  
**TenBulb** *Tender* Bulb  
**TenPer** *Tender* Perennial  
**TenShrub** *Tender* Shrub

## Germination Codes, Methods

### Pretreatment

**CMS** Cold moist stratify. Sow in pot and place outside in January or February, or stratify by placing in the refrigerator for the required time in a sealed plastic bag containing a seeded pot, a mix of seed and some sowing mix, or a layer of seed within damp paper towels. (Seal bag well, since ethylene gas from fruit can affect seed germination.)

**Frz** Freeze the seed for the period noted.

**NST** No special treatment.

**Scfy** Scarify seed before sowing. Scarify means to penetrate the seed coat to allow water absorption, which thus speeds germination. This can be accomplished by abrasion, nicking, chipping, filing, threshing, soaking, dousing with boiling water, or other such means.

**WMS** Warm moist stratify. Same as for CMS, but at room temperature.

### Light Requirements

**BC** Barely cover seeds.

**D** Requires darkness for germination. Cover with lid or aluminum foil to exclude light.

**L** Do not cover seeds; light is needed for germination.

**SS** Surface sow.

### Temperature

**BH** Bottom heat, used for any seed requiring soil temperature more than 70°F.

**C** Cool, approximately 50° to 60°F.

**R** Refrigerate after sowing.

**OW** Overwinter outdoors.

**W** Room temperature, approximately 65° to 70°F.

### Germination Time

Maximum time is listed in days (d), weeks (wk), months (mo), or years (yr).

### Special Notes

**Cycle** Seeds require alternating periods of cold and warm to germinate.

**Rtp** Resists or resents transplanting.

**SIS** Sow *in situ* (directly in the garden).

**SR** Store seed (dry) in refrigerator before sowing. Note: this differs from CMS, which requires moisture.

## Reference Materials

### Nomenclature

The primary resource used to verify and update nomenclature for this list is the Royal Horticultural Society Horticultural Database (Available on line at <http://apps.rhs.org.uk/horticulturaldatabase/>.)

The second resource is *List of Names of Perennials - International Standard 2005–2010*. If further verification is required, the *Encyclopedia of Perennials from the AHS* edited by Graham Rice and the *Manual of Annuals, Biennials and Half-Hardy Perennials* by A. Armitage are used. A portion of the plants were further referenced in the *American Horticultural Society A-Z Encyclopedia of Garden Plants* (1997, Brickell) or the *Index of Garden Plants* (1994, Griffiths).

### Germination

Bubel; *The New Seed Starters Handbook* (1988).

DeBaggio; *Growing Herbs from Seed, Cutting & Root*. (2000)

Deno; *Seed Germination Theory and Practice*. (1993)

Park Seed Company; *Success With Seed*. Phillips; *Growing and Propagating Wild Flowers*. (1985)

Powell; *From Seed to Bloom*. (1995)

### Illustrated Books

We have been asked to recommend some books with good color photos. Many of the plants in this year's Seed Exchange Catalog are illustrated in one or more of the following:

Brickell and Zuk; *The American Horticultural Society A-Z Encyclopedia of Garden Plants*. (1997)

Ferguson; *Right Plant, Right Place*. (2005)

Harper & McGourty; *Perennials: How To Select, Grow & Enjoy*. (1985)

Hay and Syngé; *The Color Dictionary of Flowers and Plants*. (1991)

Kohlein and Menzel; *Color Encyclopedia of Garden Plants and Habitats*. (1994)

Phillips and Rix; *The Random House Book of Perennials*, 2 volumes. (1991)

Tenenbaum, ed.; *Taylor's Guides, a series of volumes, including Annuals, Perennials, Bulbs, Groundcovers, and Trees*.

**Abe0005** *Abelia mosanensis*. Shrub. Sun/PtShade. 4–6 x 10–12'. Late Spring–Early Summer. Zone 5a–9b.

**199**-Deciduous shrub 4-6' tall with reddish fall color. Very fragrant pinkish white flowers open from pink buds in May. *Cresson*.

**Abe0050** *Abelmoschus manihot*. ORNAMENTAL OKRA, SUNSET HIBISCUS. An. Sun. 6+ x 3'. Summer–Fall.

**199**-Pale yellow with maroon centers. Evenly moist soil, likes heat. Self-sows. Blooms with asters. *Cresson*.

**522**-Yellow. A back-of-the-border plant. Pale lemon yellow flowers (like tissue paper) with red inside. Best photo and description found in Wayne Winterrowd's *Annuals for Connoisseurs*. Germ: Soak, 1hr in lukewarm water before sowing; BC; BH, 5-30 d; soaking is essential. *Kushner*.

**627**-Five foot tall, flowers 4-5" across. Blooms in late summer with deeply cut, decorative leaves and pale yellow flowers with a crimson blot inside. Very lovely. Germ: Takes a long time, and the seedling is slow to develop. Once it gets going though, it grows very strong and big. *McShane*.

**2515**-Pale yellow bloom, with a maroon eye. Nice looking plant with yellow flowers. Interesting seed heads and leaves on this easy to grow annual. Germ: NST. *Doblmaier*.

**9976**-Creamy yellow blooms with a dark red center. BH, BC. 14d. *Wave Hill Gardeners*.

**Abe1000** *Abelmoschus manihot* 'Mischief'. MUSK MALLOW. TenPer. Sun/PtShade. 3–4' x 16–20".

**199**-Salmon red blooms. Annual with charming hibiscus-like flowers midsummer to fall. Only got about 1 1/2' tall for me. *Cresson*.

**522**-Rose/magenta hibiscus-like flowers. Long blooming. If planted out can reseed. Source Lazy S. *Kushner*.

**Abe1070** *Abelmoschus moschatus* 'Pacific Red'. MUSK MALLOW. TenPer. Sun. 1½–2 x 1–1½'. Summer–Fall.

**2515**-Red flowers on this 2' annual plant. Makes a statement wherever it is placed. Likes dry soils. *Doblmaier*.

**Acm0050** *Acmella oleracea* (syn. *Spilanthes oleracea*). EYEBALL PLANT, TOOTHACHE PLANT, PARA CRESS. TenPer. Sun/PtShade. 12–18 x 12–15". Summer–Fall. Zone 9b–11.

**2294**-Yellow/brown flowers. Have grown since 2003. Reseeds itself every year in the same spot. Germ: NST. Easy. Scatter seed or start indoors 6-8 wk before last frost. *Squitiere*.

**Aco1050** *Aconitum carmichaelii*. Per. PtShade. 18 x 18"; from 5–6' in bloom. Fall.

**1277**-Blue flowers. Late blooming. *Haas*.

**Aco1060** *Aconitum carmichaelii* 'Arendsii'. MONKSHOOD. Per. PtShade. 6 x 3'. Fall.

**199**-Deep blue flowers. Evenly moist soil. Great big, beautiful, good blue flowers in panicles on straight stems. Stems may bend from weight of flowers and need staking. Just when you thought it was all over, this one blooms (October-November). Lovely with a late flush of 'Perle d'Or' rose. Germ: CMS 3mo; C; 1-4wk. *Cresson*.  
**2294**-Large, true blue flowers. Blooms in fall, 3-4' high. *Squitiere*.

**Aco1700** *Aconitum japonicum*. MONKSHOOD. Per. PtShade/Shade. 36–48 x 12–18". Summer/Fall. Zone 4–8.

**951**-Medium blue flowers. Sept-Oct blooming, 6-7' tall. *Tracey*.

**Act0800** *Actaea cordifolia* (syn. *Cimicifuga rubifolia*). KEARNEY'S BUGBANE. Per. PtShade/Shade. 4–6½'. Summer.

**951**-White blooms. Large leaflets, almost maple like, at base of 4-5' stems with white bottlebrush flowers in late summer, early fall. Remarkably distinct foliage, compared with the species. Some listings incorrectly call this *Cimicifuga cordifolia*. *Tracey*.

**Act0810** *Actea dahurica* (syn. *Cimicifuga dahurica*). FAIRY CANDLES, BUGBANE. Per. Sun/PtShade. 2–8 x 3'. Summer–Fall.

**951**-Creamy white flowers. A less common form of bugbane with dark stems. Blooms in August here in New England. Germ: CMS. *Tracey*.

**Act0870** *Actaea matsumurae* 'Elstead'. BUGBANE, COHOSH, FAIRYBELLS, RATTLETOP. Per. PtShade. 5–6'. Fall.

**2483**-White flowers and purplish leaves. Fragrant, Sept - Oct, ripens seed in MD z7, self-sows, elegant presence in the garden, critter resistant. Germ: Begin w/70°F, followed by 40°F for 6 wk (Clothier) or 3 mo (Deno) each period. However, in my garden, this has self-sown over the winter, albeit not profusely?perhaps sow fresh seed outdoors in vented containers beginning in fall? *Barrett*.

**Act0880** *Actaea pachypoda* (syn. *A. alba*). DOLL'S EYES. Per. PtShade. 2½ x 2½–3½' in bloom. Spring.

**2429**-White flowers. Germ: CMS. May take two years to germinate. *Bricker*.

**Act0900** *Actaea racemosa* (syn. *Cimicifuga racemosa*). BLACK COHOSH, BUGBANE, FAIRY CANDLE, BLACK SNAKEROOT. Per. PtShade. 7 x 2'. Summer.

**926**-White flowers born in wands in July above handsome foliage. Germ: Cycle: WMS 3mo, CMS 3mo. *Streeter*.

**1277**-White flowers. Blooms in July with tall white spikes of somewhat ill-smelling flowers. Still a nice native plant, 4-6' tall. *Haas*.

**2429**-White flowers in summer. Germ: Cycle: W-C-W. *Bricker*.

**Act1000** *Actaea rubifolia*. APPALACHIAN BUGBANE. Per. Sun/PtShade. 6–8 x 1–2'. Summer. Zone 3–8.

**2429**-A late summer white-blooming bugbane with bold foliage. Flower stalks are held stiffly upright. Germ: Cycle. *Bricker*.

## *Actaea simplex* – *Allium*

**Act2000** *Actaea simplex* **Atropurpurea Group** (syn. *Cimicifuga ramosa* var. *atropurpurea*). BUGBANE. Per. PtShade. 4 x 4'; from 6–7' in bloom. Fall.

**318**-Fragrant, white flowers in September. Foliage dark purple. Turns dark green in fall. From plant acquired as 'Hillside Black Beauty'. *Garnett*.

**Act2500** *Actaea simplex* (syn. *Cimicifuga simplex*). BUGBANE, SNAKEROOT. Per. PtShade. 2 to 3 x 2'; to 4' in bloom. Late Summer.

**1277**-Haas.

**Act3100** *Actaea simplex* (**Atropurpurea Group**) '**Brunette**' (syn. *Cimicifuga simplex* (**Atropurpurea Group**) '**Brunette**'). BUGBANE. Per. PtShade. 4 x 2'. Fall.

**797**-White flowers. *Robinson*.

**926**-Whitish pink flowers. Very fragrant blooms are born above very dark foliage. Germ: Cycle: WMS 3mo, CMS 3mo. *Streeter*.

**Aes0500** *Aesculus pavia* **Eco Dwarf Form**. RED BUCKEYE. Shrub/Tree. Sun/PtShade. 9 x 15'. Early Summer.

**199**-Red blooms. Nice dwarf form. Clear red blooms early May with dogwoods, azaleas, camassia. Yellow fall color. 9' tall in 15 years. Best in part shade. Found in Walker County, NW Georgia by Don Jacobs of Eco Gardens. *Cresson*.

**Aga1750** *Agapanthus species/cultivar*. TenPer. Sun. 1½ x 1½'; to 3' in bloom. Summer.

**926**-Blue flowers. *Streeter*.

**Aga2600** *Agastache foeniculum*. ANISE HYSSOP. Per. Sun. 3–5 x 1–2'. Summer.

**1918**-Perennial. Grows 2–4' high. Foliage and pale purple composite flowers are fragrant. Blooms in midsummer to early fall. Full sun-part shade in well-drained soil. Will tolerate dry site once established. Attractive to hummingbirds and bees. Germ: NST. *Carey*.

**Aga2650** *Agastache foeniculum* '**Golden Jubilee**'. ANISE HYSSOP. Per. Sun. 3–5 x 1–2'. Summer–Fall.

**2294**-Purple flowers. Chartreuse, fragrant foliage. Reseeds. Blooms first year from seed. Germ: NST. Easy. Looks good with blue neighbor. Scatter seeds. *Squitiere*.

**Aga2950** *Agastache pallidiflora* var. *neomexicana*. Sun. 1½ x 1'.

**446**-Bluish lavender flowers. Bears dense, upright spikes of tiny lavender corollas and calyces. Parent had about 50 stems and 7,500 flowers. Probably tender in Zone 5 or 6. All agastaches are good herb garden plants and may be grown as annuals. Germ: NST; W; BC; 10d. *Humphrey*.

**Aga3700** *Agastache rupestris*. SUNSET HYSSOP, LICORICE MINT. Per./Subshrub. Sun. 3 x 3'. Summer–Fall.

**446**-Pink and orange-red flowers over a long period. The best of the best, with exquisitely fragrant, grayish, narrow foliage that smells like root beer. Lovely shrubby, open habit. Well drained soil. From New Mexico. Germ: NST; W or C, 14d. *Humphrey*.

**Aga4000** *Agastache scrophulariifolia*. PURPLE GIANT HYSSOP. Per. Sun/PtShade. 2–5' x 18–23". Summer. Zone 4–9.

**1684**-*Broekhuis*.

**1865**-Purple flowers. Will bloom into fall if kept moist. Germ: CMS: 3 mo; W; L. *Bennett*.

**Age0700** *Ageratina altissima*. WHITE SNAKEROOT. Per. Sun/PtShade. 60 x 6". Midsummer–Fall. Zone 6.

**355**-White blooms. Large sweeps can appear to be cloud-like in appearance. Great for late summer to early fall pollinators. May be aggressive in the right circumstances. *Greenwood*.

**Agr2000** *Agrimonia gryposepala*. Per. Sun/PtShade. 5 x 1'. Summer.

**239**-Great yellow color accent for woodland. Yellow flowers are "fireworks"-like! Germ: BH; BC; NST; 2 wk. May reseed a little in garden. *Doering*.

**Alc0050** *Alcea rosea* (all colors). HOLLYHOCK. Bien./Per. Sun. 2 x 2'; from 6–8' in bloom. Summer.

**797**-Rose colored flowers. *Robinson*.

**2294**-Pastel yellow color bloom. Annual or short lived perennial. Will re-seed. *Squitiere*.

**Alc0100** *Alcea rosea* (yellow/cream). HOLLYHOCK. Bien. Sun. 2 x 2'; to 6 or 8' in bloom. Summer.

**239**-A wonderful soft yellow, single flower for the summer garden. Germ: NST. *Doering*.

**Alc1900** *Alcea rosea* (pink, single). HOLLYHOCK. Bien. Sun. 2 x 2'; from 6–8' in bloom. Summer.

**797**-Rose pink flowers with a dark eye. A vigorous hollyhock. Germ: NST; L; W. *Robinson*.

**Alc2500** *Alcea rosea* '**The Watchman**'. Bien. Sun. 6–8 x 1–2'. Summer. Zone 3a–9b.

**1017**-Purple-black, great color for summer borders. A biennial or sort-lived perennial. *Whitesell*.

**Alc5010** *Alchemilla mollis*. LADY'S MANTLE. Per. Sun/PtShade. 1 x 2'. Summer.

**2294**-Yellow blooms. Deadhead to help control reseeding. *Squitiere*.

**Ali1050** *Alisma lanceolatum*. WATER PLANTAIN. Per. Sun/PtShade. 1 x 1'; to 2' in bloom. Summer.

**199**-Pink flowers. Grows at water's edge or in water several inches deep. Numerous tiny pink flowers on much-branched stems give a baby's-breath-like effect. Attractive clean foliage. A miniature of the more common *A. plantago-aquatica*. Perfect for the garden pool. *Cresson*.

**All0050** *Allium aflatumense*. PERSIAN ONION. Bulb. Sun. 1 x 1'; from 2–3' in bloom. Spring.

**1684**-Purple-pink drumstick flowers atop strappy foliage from June into summer. Germ: NST; W, 1-2wks. *Broekhuis*.

**All4010** *Allium cepa* var. *proliferum*. EGYPTIAN WALKING ONION. Bulb. Sun/PtShade. 2'. Spring–Summer.

**3006**-Egyptian walking onions. Perennial to 42 x 6" wide. Interesting and dramatic vertical accents for the perennial border. Edible ornamental. *Mayer*.

**All4500** *Allium christophii*. STAR OF PERSIA. PerBulb. Sun. 1 x 1'; to 18" in bloom. Summer.

**1999**-Purple blooms. Great for dried flower arrangements. Germ: CMS: 30d; BC. *Norfolk Botanical*.

**All6100** *Allium* '**Millennium**'.

- 554-Purple blooms. Outstanding allium that sends up many flowers on 1' stalks. Seed heads also attractive. Germ: NST, SIS. *Levine*.
- All7500** *Allium senescens*. PerBulb. Sun. 2'. Summer.
- 1003-Darkish pink blooms. This is a perennial so it looks great spring to fall. I started with 6 plants and have divided them twice, now having at least 24 and have given some others to friends. This blooms in later summer and lasts quite long, even the browned flowers look good in the fall. Foliage is also attractive and you have it all summer. Germ: NST. *Wells*.
- 1277-Pink-lilac flowers. Flat 1/4" leaves form nice mound throughout the season, topped with 3-4" pinky-lilac balls for long period in summer. I feel it is the best allium. Germ: CMS 90ds. *Haas*.
- All7510** *Allium senescens* subsp. *montanum* var. *glaucum*. PerBulb. Sun. 4 x 8". Summer.
- 199-Pink flowers. August bloom above gray-green glaucous foliage. An easy rock garden plant and strong enough for other uses among low growing plants. *Cresson*.
- All7800** *Allium stellatum*. PINK PRAIRIE ONION. PerBulb. Sun/PtShade. 12 x 6". Summer-Fall.
- 446-Humphrey.
- All7950** *Allium tanguticum*. LAVENDER GLOBE LILY. Bulb. Sun. 12-18 x 12-18". Midsummer. Zone 3-9.
- 1684-Dense grassy clump with round heads of pale lavender-purple flowers held above on 18-20" stems. Germ: R; 40d. *Broekhuis*.
- All8100** *Allium thunbergii*. ORNAMENTAL ONION. Bulb. Sun/PtShade. 6-12 x 6-9". Fall. Zone 4-9.
- 199-Deep pink flowers. A clumping onion with bunches of narrow leaves all season, topped with 12" stems with deep pink flowers in Autumn. *Cresson*.
- All8300** *Allium tuberosum*. GARLIC CHIVES, CHINESE CHIVES. Per. Sun. 10-20 x 6"; to 2' in bloom. Summer-Fall.
- 45-Pretty white flowers in September. Easy perennial onion for the herb garden. Used in Asian cuisine. Germ: NST. *Bartlett*.
- 1020-White flowers. Late bloomer with pleasing seed heads. Culinary and ornamental. Germ: NST; SIS. *Wiedorn*.
- 1684-White blooms. *Broekhuis*.
- 2294-White blooms. Deadhead to help control reseeding. *Squitiere*.
- 2429-Bricker.
- Als0500** *Alstroemeria psittacina*. PERUVIAN LILY. Per. Sun/PtShade. 3 x 1 1/2'. Summer-Fall.
- 199-Red and green flowers. Rich moist soil. Hardy for 30 yr with mulch. Extended bloom midsummer to fall. Easy and reliable. *Cresson*.
- Aly1200** *Alyssoides utriculata*. BLADDERPOD. Per. Sun. 18-24". Late Spring/Early Summer.
- 239-Great drought tolerant plant with fragrant yellow flowers that become ornamental seed pods. Low plant for the front of the border. Germ: CMS: 24d, OW, SIS. *Doering*.
- Ama1040** *Amaranthus caudatus* 'Green Tails'. An. Sun. 3-4' x 2'. Summer-Fall.
- 9976-Pale green/yellow blooms ripening to green ripening to rose. Terrific long green tails up to 2-3' long! Late in the season the seeds start to ripen and the tails start turning a rosy shade. Terrific cut flower as a fun textural element. Germ: W, BC, NST. 7d. *Wave Hill Gardeners*.
- Ama1080** *Amaranthus cruentus*. TASSEL FLOWER. An. Sun. 7-8'. Summer.
- 797-Dark purple flowers and foliage. Prefers hot, sandy, or gravelly soil. Best SIS early. Germ: BC; SIS. *Robinson*.
- Ama1090** *Amaranthus cruentus* 'Hot Biscuits'. PRINCE'S FEATHER. An. Sun. 4-5'. Summer-Fall.
- 2294-Bronze blooms. Annual, nice for fall color. Germ: SIS. Direct sow after frosts. *Squitiere*.
- Ama1500** *Amaranthus* 'Hopi Red Dye'. An. Sun. 3-4 x 2'. Summer-Fall.
- 1918-Dark red/burgundy blooms. Annual. Grows 4-5' tall. Deep red foliage and large flower heads. Young leaves may be used in salads. Full sun. Self sows. Germ: NST, SIS. Sow directly in spring or fall. *Carey*.
- 2937-Red blooms. *Bittmann*.
- Ami1000** *Amianthium muscitoxicum*. FLY POISON. Bulb. PtShade. 1-4'. Late Spring/Summer. Zone 3-9.
- 2429-Lily relative with a spike of white flowers in June. Seed collected in the Poconos. *Bricker*.
- Amm0500** *Ammi majus*. BULLWORT, COMMON BISHOP'S WEED. An. Sun/PtShade. 4'. Late Spring-Early Summer.
- 386-White flowers on long-flowering annual. Resembles Queen Anne's Lace. Germ: Self sows. Sprinkle seed in the sun where you want it to grow. *Harper*.
- Amm1070** *Ammi visnaga* 'Green Mist'. An. Sun. 3-4 x 2'. Summer.
- 9976-Pale green/white blooms. Wonderful textural element and long-lasting cut flower. Germ: W, BC, NST. 10d. *Wave Hill Gardeners*.
- Ams0050** *Amsonia hubrichtii*. BLUE STAR, ARKANSAS AMSONIA. Per. Sun/PtShade. 3 x 3-4'. Spring.
- 522-Pale blue flowers. Flowers are insignificant. Foliage is the eye-catcher. It turns golden yellow in the fall. Wonderful filler in the perennial border. Plants bulk up in a couple of years. *Kushner*.
- 1277-Pale blue flowers. Threadlike foliage turns butter yellow in fall. *Haas*.
- 3006-Native perennial, 3 x 2'. Lovely spring thru early winter. Pale blue flowers. Several years to reach its full potential. *Mayer*.
- Ams0250** *Amsonia illustris*. OZARK BLUE STAR. Per. Sun/PtShade. 4' x 18". Late Spring-Early Summer.
- 1684-Clusters of powder blue, starry flowers in May, over a dense mound of shiny willow leaves. Yellow fall color. Germ: CMS: 45 d; BH. *Broekhuis*.
- Ams0300** *Amsonia jonesii*. JONES BLUE STAR. Per. Sun. 6-12". Spring. Zone 4.
- 1684-Light blue flowers. Species from the U.S. southwest, like a smaller version of *A. illustris*, to 18" tall. Germ: CMS: 60d; BH. *Broekhuis*.

## *Amsonia orientalis* – *stellata*

**Ams1500** *Amsonia orientalis*. Per. Sun/PtShade. 15–18 x 15–24". Late Spring/Early Summer. Zone 6a–9b.

**1684**-Blue flower. Similar in leaf and habit to shining blue star (*A. illustris*), making a clump that's as wide as it is tall by midsummer. What sets them apart is that the flowers are clustered within the whorl of terminal leaves. Germ: CMS; BH; 40d. *Broekhuis*.

**Ams2080** *Amsonia tabernaemontana* var. *salicifolia*. BLUE STAR. Sun/PtShade. 2 x 1½". Spring/Summer.

**965**-Light blue flowers. Similar to straight species but with attractive willowlike foliage. *Umphrey*.

**Ane1060** *Anemone hupehensis* var. *japonica*. JAPANESE ANEMONE. Per. Sun/PtShade. 2½–3 x 2–2½". Late Summer. Zone 5–8.

**1277**-Pink flowers on 3' anemone. *Haas*.

**Ane1350** *Anemone x hybrida* 'September Charm'. Per. Sun/PtShade. 2–4 x 2–3". Late Summer/Fall. Zone 4–8.

**543**-Pink flowers. Late Summer/Fall Bloomer, 3' tall. Nice in the back of the border. Germ: SS; NST, SIS. *Leasure*.

**Ane6500** *Anemone virginiana*. Per. Sun/PtShade. 2 x 1'; to 30" in bloom. Late Spring.

**1684**-Upright anemone, sending up flower stalks to 24" in June, topped with creamy white flowers with a mop of yellowish-green anthers. Named for the neat thimble-shaped seedheads. Germ: CMS: 8 wk. *Broekhuis*.

**2429**-Bricker:

**Ane9100** *Anemonella thalictroides*. RUE ANEMONE. Per. 4 x 12". Early Spring.

**2294**-Charming white-blooming, spring native wildflower. Foliage can persist through the season. Will naturalize. Germ: SS, NST, SIS. *Squitiere*.

**Ane9500** *Anemonopsis macrophylla*. FALSE ANEMONE. Per. PtShade. 2½ x 1½". Summer.

**3001**-Violet/lavender, white flowers. Nice woodland perennial-best in light shade/moist soil. Can take 3 yr to flower from seed, but worth the wait. To 3'. Germ: CMS: 45 d; C. After 45 d cold period, sow cool (50 F). Germination irregular. *Gregg*.

**Ane9800** *Anethum graveolens*. DILL.

**2294**-Yellow flowers. Annual herb, 3'+/-, bees, butterflies, host plant for swallowtails. *Squitiere*.

**Ang0050** *Angelica archangelica*. ARCHANGEL. Bien. Sun/PtShade. 6 x 5". Early Summer.

**1003**-White blooms. Mine reseeded and was a surprise, it got afternoon shade and was very happy -- huge leaves and lots of flowers. Quite a statement. Wouldn't be without one. Germ: NST, SIS. *Wells*.

**2608**-Green flowers. *Malarek*.

**Ang1050** *Angelica gigas*. KOREAN ANGELICA. Bien./Per. PtShade/Shade. 6–8 x 2–3". Summer.

**554**-Maroon to purple flowers. Big, bold plant that insects love. Biennial that prefers partial sun or light shade. Germ: NST. *Levine*.

**797**-Purple flowers. *Robinson*.

**2294**-Purple bloom. Tall, 4–5' perennial. Late season bloom. *Squitiere*.

**2429**-Bricker:

**Ang3000** *Angelica pachycarpa*. Per. Sun. 2 x 2". Summer.

**9980**-Light green blooms. *Chanticleer*.

**Ant3050** *Anthriscus sylvestris* 'Ravenswing'. BLACK COW PARSLEY. Bien. Sun. 2½ x 2". Spring–Summer.

**965**-Tall, white flowers on perennial chervil. While the early summer umbels are just the icing on the cake, the plant is primarily grown for its purple-black ferny foliage, complements spring pastels. Excellent in spring. Suffers in summer heat. Germ: SR. *Umphrey*.

**Ant4020** *Antirrhinum hispanicum*. Per. Sun. 1 x 1–2". Spring and Fall. Zone 5a–8b.

**199**-Semi-hardy perennial or annual with mounds of fuzzy grey foliage about a 1 x 1'. Pink flowers with a yellow lip all summer. Sun and good drainage, preferably a loose gritty soil, but adaptable. Remarkably hardy and self sows. *Cresson*.

**Aqu0050** *Aquilegia alpina*. ALPINE COLUMBINE. Per. Sun. 1–1½ x 1'; to 2½". Late Spring–Summer.

**926**-Deep blue flowers. Original seed from Switzerland forty years ago. Other columbines have come and gone, but this one has persisted for many years. Self-sows. *Streeter*.

**Aqu1350** *Aquilegia canadensis*. AKALY, CANADIAN COLUMBINE, CLUCKIES, JACK-IN-TROUSERS, MEETING HOUSES, ROCK BELLS, TURK'S CAP. Per. Sun/PtShade. 3 x 1'. Spring–Summer.

**2294**-Yellow/red blooms. Native, good for hummingbirds. *Squitiere*.

**Aqu3000** *Aquilegia karelinii*. AFGHAN COLUMBINE. Per. Sun/PtShade. 12–18 x 9–12". Late Spring/Early Summer. Zone 3a–10b.

**1684**-Dark blue flowers. Upright-growing columbine with downward-facing thundercloud-blue flowers on strong stems. More reliably perennial than many other columbines. Germ: CMS; 40d. *Broekhuis*.

**Aqu4000** *Aquilegia* species (individual colors). COLUMBINE. Per. Sun/PtShade. 2 x 1'. Spring.

**84**-Double white flowers, comes true from seed. Two feet perennial for partial shade. *Bowditch*.

**318**-Blue and white flowers to 2' tall. Will self-sow. *Garnett*.

**Aqu4100** *Aquilegia* species (mixed colors). COLUMBINE. Per. Sun/PtShade. 2 x 1'. Spring.

**554**-A mix of columbine seeds from our garden. May include variations of blue and purple *A. alpina*, yellow *A. chrysantha*, 'Biedermeir'-like plants, and other interesting combinations. May take a year to bloom. Germ: SIS. *Levine*.

**Aqu5000** *Aquilegia vulgaris*. COLUMBINE. Per. Sun/PtShade. 2 x 1½". Spring–Summer.

**2294**-Various self-seeded varieties and colors. Germ: Seeds, scattered in situ, bloom 2nd year *Squitiere*.

**Aqu5940** *Aquilegia vulgaris* var. *stellata* 'Black Barlow'. COLUMBINE. Per. Sun/PtShade. 15 x 12; to 30" in bloom. Late Spring–Early Summer.

**703**-Deep red to near-black double flowers. *Ondra*.

- 2483-Black maroon flowers. Nice when the black maroon echoes in tulips of same color under an arborized purple-leaf *Prunus cistena*. Barrett.
- Ara2500** *Aralia racemosa*. AMERICAN SPIKENARD. Per. Sun/PtShade. 3 to 6+ x 4'. Summer.
- 1580-Green- white clusters in July and August. Native from Nova Scotia to FL. Plant is 4-5' high and prefers rich soil and shade. May tolerate dry soil. Attractive red green and purple berries in long clusters in late summer. Resents transplanting when mature so allow plenty of space for plant to grow. Germ: CMS; 90d. Plant in early spring in a shade house or cold greenhouse to simulate oscillating cycles or snowfall, rain and cold. Plant seedling in ground when well established in one gallon pot. *Romenesko*.
- 2429-Big, bold-foliaged perennial. Germ: CMS: 60 d. *Bricker*.
- Arg2250** *Argemone polyanthemos*. PRICKLY POPPY, COWBOY'S FRIED EGG. An. Sun. 2½ x 1'. Summer-Fall.
- 446-White flowers. Beautiful, 3", poppy-like blooms. Don't plant in too rich soil. Germ: C, 6-8wks, then W. *Humphrey*.
- Ari0550** *Arisaema consanguineum variegated*. JACK IN THE PULPIT. Bulb. Sun/PtShade. 2-3 x 1-2'. Late Spring/Early Summer. Zone 5b-9b.
- 3001-Variiegated form of consanguineum. Can be invasive if seed is allowed to spread. Germ: CMS: 30d. C, R. Refrigerate for 30 d, then cool to germinate irregularly. *Gregg*.
- Ari2500** *Arisaema heterophyllum*. Per. PtShade. 2-3½ x 1'. Spring.
- 199-One of the easiest species to grow. Leaves divided into more than a dozen narrow segments. Typical jack-in-the-pulpit flower. Red fruit along with yellow fall foliage. *Cresson*.
- 1607-Distinctive horseshoe leaf with unusual green and purple-tinged pitcher (spathe) with a 12" long tongue (spadix). Germ: Refrigerate seed until sowing. *Jellinek*.
- 2429-An easy, taller jack-in-the-pulpit with the flower held above the horseshoe-shaped leaf. *Bricker*.
- 2504-Green/maroon blooms, 4' tall in 3-4 yr. Spadix extends straight above spathe for 8". Germ: SR. Have had success with fall surface sowing in situ. *Mills, M*.
- Ari3050** *Arisaema ringens*. Per. PtShade/Shade. 2 x 4'.
- 2504-Maroon/green hooded spathe. Germ: Have had success sowing in fall in situ or in flat left out for winter. *Mills, M*.
- Ari4010** *Arisaema sikokianum*. Per. PtShade/Shade. 1½-2½'. Spring.
- 199-*Cresson*.
- 215-Germ: WMS. Place in baggie with damp vermiculite at room temperature. Should germinate in 30d or so. *DeMarco*.
- 2429-*Bricker*.
- 2504-Green/maroon with prominent white knob spadix. Germ: Have had success sowing in fall in situ or in flat left out for winter. *Mills, M*.
- Ari4020** *Arisaema taiwanense*. COBRA LILY. Bulb. PtShade. 3 x 2'; bloom is 1½' tall. Spring.
- 199-Green and purple flowers. Leaf with many leaflets like the spokes of a wheel. Petioles prominently mottled with green and purple. Striking silhouette in moonlight. Spathe and leaves have long filamentous extensions. *Cresson*.
- Ari4040** *Arisaema triphyllum*. Per. Shade. Spring.
- 355-Hooded flower, green in color with brown stripes. The berry sets are a brilliant red. *Greenwood*.
- 1607-Pale green with burgundy stripes. Native Jack-in-the-Pulpit. Germ: Refrigerate seed until sowing. *Jellinek*.
- Ari4050** *Arisaema triphyllum subsp. pusillum*. JACK-IN-THE-PULPIT. Per. PtShade. 30". Spring.
- 199-Green, striped white flowers. Subspecies with five leaflets. Makes tidy clump of stocky plants with bright red fruit. *Cresson*.
- Aru3010** *Aruncus aethusifolius*. DWARF GOAT'S BEARD, KOREAN GOAT'S BEARD. Per. Sun/PtShade. 6 x 10". Summer.
- 239-White flowers. An easy-to-grow addition for the front of a shade garden. Has self-sown in my garden. *Doering*.
- 318-*Garnett*.
- Asa0010** *Asarina antirrhinifolia*. CLIMBING SNAPDRAGON. AnVine. Sun. 8'. Spring to frost. Zone 9-10.
- 446-Grow as an annual. A twining vine to 3' with small leaves, 1/2" rose-colored flowers over a long period. Southwest U.S. Germ: NST. *Humphrey*.
- \*\*\*\*\* *Asarina erubescens*. See: *Lophospermum erubescens*.
- Asc0100** *Asclepias curassavica*. BLOODFLOWER, BLOODY MILKWEED. TenPer. Sun. 3-4 x 1-1½'. Summer-Fall.
- 1607-Red and orangey yellow blooms. This milkweed attracts monarchs (both for the nectar and as a host plant) and other butterflies, hummingbirds, and many kinds of pollinators. Germ: W. Sow indoors about 2 months before last frost and transplant out after frost. *Jellinek*.
- 1999-Red with yellow bicolor blooms. Monarch butterfly host plant. Germ: BC; 30-60d. *Norfolk Botanical*.
- 2294 -Orange blooms. Annual. Start early inside. Monarch butterflies and caterpillars prefer this milkweed. *Squitiere*.
- Asc2500** *Asclepias incarnata*. SWAMP MILKWEED. Per. Sun. 4 x 2'. Summer.
- 199-Makes bushy, upright clumps with pink or white flowers. *Cresson*.
- 817-*Ruhren*.
- Asc3050** *Asclepias purpurascens*. PURPLE MILKWEED. Per. Sun. 2-4 x 1-3'. Late Spring-Early Summer.
- 156-Deep rose to rose-violet flowers. Slow-spreading, clumping. Well-drained soil, average fertility. Water in drought. Needs support in shade. Blooms lightly second year from seed, bloom becomes heavier each year. Attractive seedpods. *Christopher*.
- Asc3700** *Asclepias syriaca*. COMMON MILKWEED. Per. 2-4'.

- 543-Pink, mauve, and white blooms. Coarse native, 3-4'. Dried pods good for floral arrangements. Leaves host Monarch butterfly larvae. Germ: W; RTp; NST. *Leasure*.
- 2294 -Pink/mauve flowers. Native, fragrant, Monarch's second favorite milkweed after *A. curasavica*. *Squitiere*.
- Asc4010** *Asclepias tuberosa*. MILKWEED, BUTTERFLY WEED. Per. Sun. 2-3 x 1-2'. Summer-Fall.
- 554-Orange flowers. A great native plant, summer-blooming, much-appreciated by Monarch butterfly larvae. *Levine*.
- 817-*Ruhren*.
- 965-Orange flowers. *Umphrey*.
- 1934-Orange blooms. Tough native plant. Requires full sun and well drained soil. Blooms summer into fall. Germ: OW, SIS. *Smyth*.
- 1939-*Urffer*.
- 2294-Orange flowers. Helps feed the monarch caterpillars. *Squitiere*.
- Asc4200** *Asclepias tuberosa* 'Hello Yellow'. BUTTERFLY WEED. Per. Sun. 2-3 x 1-2'. Summer-Fall.
- 2515-A great milkweed with yellow flowers. I have mine placed near a violet flowered Veronica--what a statement that made! Loves dry soil. *Doblmaier*.
- Asi1050** *Asimina triloba*. PAWPAW TREE. Shrub/Tree. Sun/PtShade. 20 x 20'. Spring.
- 627-*McShane*.
- Asp0250** *Asparagus schoberioides*. Per. Sun. 1-3 x 2'. Summer.
- 199-White flowers on a fine textured perennial to 2' tall with yellow fall color and small red fruit on female plants. My plant originated from wild collected seed in Korea by Morris Arboretum in 1984. *Cresson*.
- Ast1200** *Aster cordifolius*. BLUE WOOD ASTER. Per. PtShade. Late Summer-Fall.
- 2294-Blue flowers. Perennial 3' high in bloom (October), tolerates extreme dryness. Great for informal/wilder areas of the garden. *Squitiere*.
- Ast1250** *Aster cordifolius* 'Little Carlow'. Per. PtShade. 2-3'. Late Summer-Fall.
- 199-This hybrid of *A. cordifolius* has larger, darker colored violet-blue flowers in late summer, 3' tall. *Cresson*.
- Ast1450** *Aster drummondii*. Per. Sun/PtShade. 5'. Fall.
- 199-Pale lavender flowers. Branched, dense racemes of numerous, small pale lavender to near white daisies in October. Quite showy and rare. Native. *Cresson*.
- Ast2650** *Aster lateriflorus* (syn. *A. vimineus*). Per. Sun/PtSun/PtShade. 2-4 x 4'. Fall.
- 199-White. A blizzard of tiny white daisies in October. Local native for dry shade, but will grow anywhere. A clumper. Can be cut back in midsummer to make plants shorter. Self-sows freely. *Cresson*.
- 2429-*Bricker*.
- Ast3550** *Aster macrophyllus*.
- 2429-White to light purple blooms. Large heart-shaped leaves with a spreading habit. Good groundcover in light shade. Germ: CMS. *Bricker*.
- Ast4100** *Aster novae-angliae*. NEW ENGLAND ASTER. Per. Sun. 3 x 2'. Fall.
- 2294-Variable pink, lavender flowers. Fall bloom, gets large, best for relaxed areas instead of controlled beds. Cut stems in half before July 4. Germ: Sow @ 68°, slow to germinate. Will bloom first year from seed. *Squitiere*.
- Ast4320** *Aster novae-angliae* 'Harrington's Pink'. NEW ENGLAND ASTER. Per. Sun. Fall.
- 239-Soft pink blooms. Germ: W, BC, NST, SR. *Doering*.
- Ast4650** *Aster pilosus*. FROST ASTER. Per. Sun/PtSun. 2-3 x 1'. Summer-Fall.
- 3006-Frost aster to 3½'. Tiny white booms, yellow centers. Native perennial. Almost shrubby. Densely flowered in fall. Tolerates more than half shade and still blooms profusely. Indigenous seed collected from 21013 zip code. *Mayer*.
- Ast4800** *Aster retroflexus* (syn. *A. curtisii*). Per. PtShade. 30 x 12". Fall.
- 199-Deep lavender-blue flowers. Disease resistant. The perfect companion for the earlier fall blooming camellias in October to November. Requires same growing conditions. From the woods of Georgia, North Carolina, and Tennessee. *Cresson*.
- Ast5300** *Aster turbinellus*. TURBINATE ASTER, PRAIRIE ASTER. Per. Sun/PtShade. 1½-3'. Fall
- 2429-*Bricker*.
- Ast5600** *Astilbe biternata*. FALSE GOAT'S BEARD. Per. PtShade/Shade. 2 x 2'; to 3' in bloom.
- 199-Native to our Southeastern states, this species produces a loose plume of white flowers, perfect for a naturalistic effect. Only native species. *Cresson*.
- Ast5700** *Astilbe chinensis* var. *pumila*. CHINESE ASTILBE. Per. PtShade/Shade. 9-12 x 9-12". Summer.
- 318-Lavender flowers in July-August. Prefer moist shade. *Garnett*.
- Ast5900** *Astilbe* species. Per. Sun/PtShade. 2 x 4'. Summer.
- 1277 -White flowers, 2' tall. Prefers shade. Germ: CMS 90d. *Haas*.
- Ast6100** *Astilbe thunbergii* var. *okuyamae* (syn. *Astilbe okuyamae*). Per. PtShade/Shade. 12-18 x 18; to 2' in bloom. Summer.
- 199-White flowers. Rare Japanese native with unique light green, quilted foliage on darker petioles. Unique and a personal favorite! Virtually nonexistent in western gardens. My source imported it in the 1980s but lost it years ago. *Cresson*.
- Ast8300** *Astrantia major* 'Alba'. Per. Sun/PtShade. 2'. Zone 4-9.
- 84-White flowers. *Bowditch*.
- Ath1000** *Athyrium nipponicum* var. *pictum*. JAPANESE PAINTED FERN. Fern. PtShade/Shade. 12-18 x 15-18'. Zone 4-9.
- 1277-*Haas*.
- Bap0050** *Baptisia alba*. WHITE FALSE INDIGO. Per. Sun. 3-4 x 2-3'. Late Spring-Summer.
- 1684-White flowers. Germ: Scfy; BH. *Broekhuis*.
- 1999-White flowers. Drought tolerant, 2-4' tall, zone 5 perennial. Germ: Soak: 12 hr. Put seed in HOT water, leave overnight. *Norfolk Botanical*.

- Bap1050** *Baptisia australis*. BLUE FALSE INDIGO, PLAINS FALSE INDIGO. Per. Sun. 3–5 x 2–4'. Early Summer. Zone 3–9.  
**1017**-Great, sturdy large-scale foliage plant with nice blue blooms. *Whitesell*.  
**1020**-Blue flowers with interesting seedpods. Long-lived plant. Resents transplanting. Germ: Scfy; W, 2wk. *Wiedorn*.
- Bap2430** *Baptisia* species. Per. Sun/PtShade.  
**1277**-Grown from *B.* 'Carolina Moonlight' seed, so could have some yellow color. *Haas*.
- Beg0200** *Begonia boliviensis*. TenPer. Sun/PtSun. 20 x 24". Summer–Fall. Zone 9a–11.  
**199**-Orange-scarlet blooms. Heat tolerant tuberous begonia with prolific blooms all summer into fall. Especially good in hanging baskets. An improved 'Bonfire'. Don't overwater. Sun/PtShade. *Cresson*.
- Beg1050** *Begonia grandis* subsp. *evansiana*. HARDY BEGONIA. Per. PtShade/Shade. 2 x 1½'. Late Summer–Fall.  
**318**-Pink flowers in September with interesting hanging, winged seed capsule. Wonderful filler, which seeds around prolifically, but provides color in early fall, when most everything else is fading. Deer do like it. *Garnett*.  
**1684**-Attractive foliage through summer, with a great display of pendulous pink flowers from late summer into fall. Germ: L. *Broekhuis*.  
**2483**-Pink flowers, 2'. Very shade tolerant. Germ: OW; SS. Self-sows, protect from deer. *Barrett*.
- Beg1100** *Begonia grandis* subsp. *evansiana* 'Heron's Pirouette'. HERON'S PIROUETTE HARDY BEGONIA. Per. PtShade/Shade. 15". Late Summer–Fall. Zone 5–9.  
**1607**-Pink flowers. Masses of deep pink, nearly 12"-long flower clusters, followed by warm pink seed heads. Prefers well-drained soil and bright shade. *Jellinek*.
- Ber1960** *Berlandiera lyrata*. CHOCOLATE FLOWER. Per. Sun. 12–15 x 18–24". Summer to frost. Zone 4–8.  
**2515**-Yellow ray flower with a brown center. Chocolate scented. Blooms from June until October. Likes a drier soil. Germ: NST. *Doblmaier*.
- Bid0300** *Bidens aristosa*. TICKSEED SUNFLOWER. An. Sun. 1–4'. Late Summer.  
**1277**-Yellow flowers. I spread the seeds where I want them in late winter. Will self-sow. Wonderful wild garden background plant. Prefers wet soil, but grows anywhere. Can be cut back to keep plants shorter. *Haas*.
- Boe0150** *Boehmeria sieboldiana*. SIEBOLD'S FALSE NETTLE. An. Sun/PtShade. 3–5'. Midsummer. Zone 7–10.  
**3001**-Asian herbaceous relative to our stinging nettle, though this one doesn't sting. To 5-6'. Nice texture in the shade garden. Can take sun. Part shade to shade gives dark green leaves. Hardier than the zone 7 usually given to it. Will self-seed, but not aggressively so. Germ: NST. *Gregg*.
- Bol1500** *Boltonia asteroides* 'Snowbank'. Per. Sun. 3–4 x 3'. Summer–Fall.  
**239**-White flowers. Cultivar probably doesn't come true from seed, but seedlings may be nice anyway. A wonderful addition to the garden for late flowers. Easy to grow. Germ: Soak 1 d, W; BC; NST; 10ds. *Doering*.
- Bol1700** *Boltonia decurrens*. DECURRENT FALSE ASTER. Per. Sun. 4–6'. Fall.  
**522**-Stick in the right place. This 4-6' boltonia is a stunner. Full Sun. Good moisture. Native. Source: Nich Gardens. *Kushner*.
- Bor1000** *Borago officinalis* 'Bill Archer'. An. Sun. 2'. Summer  
**703**-Blue blooms. Annual. Height 12-18". Starry blue flowers in summer and fall. Leaves are showily splashed with cream to white markings. *Ondra*.
- Bou4000** *Bouteloua curtipendula*. SIDE-OATS GRASS. Per. Sun. 8 x 12"; to 30" in bloom. Summer–Fall.  
**2429**-*Bricker*.  
 \*\*\*\*\* *Brodiaea laxa*. See: *Triteleia laxa*.
- Bro1050** *Browallia americana*. JAMAICAN FORGET-ME-NOT, BUSH VIOLET. An. Sun/PtShade. 2 x 2'. Late Summer–Fall.  
**951**-Blue. Great filler plant with small blue flowers. Self-sows, but seedlings often don't appear until later in the season. *Tracey*.  
**2294**-Dark blue flowers. Weaver, dainty, sweet. Seeds around politely. Germ: NST. *Squitiere*.  
**2937**-Blue blooms. The tiny seeds look intimidating, but it's an easy plant to grow. Small blue flowers keep coming all summer. *Bittmann*.
- Bup1400** *Bupleurum rotundifolium*. THROW-WAX. An. Sun. 2 x 1'. Summer.  
**118**-Yellow-green foliage. Nice, glaucous foliage and interesting, umbeliferous bloom in early summer. Sometimes self-sows. Germ: NST; BC; W, 3-4wks. *Stonecrop Gardens*.  
**703**-Yellow, euphorbia-like flowers in June/July. Germ: Self sows. *Ondra*.
- Cal0030** *Calamagrostis brachytricha*. KOREAN FEATHER REED GRASS, ACHY BREAKY GRASS. Per. Grass. Sun. 3–4 x 2–3'. Fall.  
**1017**-A wonderful mid-sized ornamental grass, lovely in tawny tan bloom. *Whitesell*.
- Cal2200** *Callicarpa americana*. MEXICAN BEAUTY BERRY. Shrub. Sun/PtShade. 6 x 5'. Spring–Summer.  
**1865**-Lavender blooms. Purple fruits in fall, more fruits if grown in sun, shrub. Germ: W; NST. *Bennett*.
- Cal2550** *Callicarpa dichotoma* 'Issai'. BEAUTYBERRY. Shrub. Sun/PtShade. 4–5 x 4–5'. Summer.  
**1277**-Pale pink flowers. *Haas*.
- Cal2600** *Callicarpa japonica*. JAPANESE BEAUTYBERRY. Shrub. Sun/PtShade. 12 x 12'. Summer.  
**1684**-Soft pink blooms. From inconspicuous flowers in early summer grow marvellous clusters of little bright purple-pink berries that reach peak color in September and carry it well into November. Vigorous 6-8' shrub, responds well to pruning. Germ: NST, 45d. Crush dried berries to find tan disk-shaped seed. *Broekhuis*.
- Cal2800** *Callicarpa kwangtungensis*. CHINA BEAUTYBERRY. Shrub. Sun/PtShade. 3–4'. Midsummer.

## *Callirhoe bushii* – *Carex muskingumensis*

- 199-Pinkish white blooms. Deciduous shrub grown mostly for its attractive purple stems, petioles, and veins. Pink fruit is sparse in my garden, 5' tall. Sun/PtShade. *Cresson*.
- Cal2980** *Callirhoe bushii*. BUSH'S POPPY MALLOW. Per. Sun. 12–18 x 24–36". Spring. Zone 4–8.
- 2429-Magenta blooms. Sprawling, tap-rooted plant similar to *C. involucrata*. Flowers glow in sunlight. May bloom June-frost. *Bricker*.
- Cal3010** *Callirhoe digitata*. FRINGED POPPY MALLOW. Per. Sun. 3'. Summer.
- 446-Rose-purple. Beautiful and seldom seen native mallow from South Central USA. Scant, highly dissected leaves to 12" high. Plant among lower-growing plants & stake. Needs good but not overly rich soil and good drainage. May have hundreds of 1½" flowers. Germ: NST. *Humphrey*.
- Cal3250** *Callirhoe involucrata*. WINE CUPS. Per. Sun. 1 x 1–3'. Spring–Summer.
- 199-Deep maroon with white center blooms. Prairie plant adapted to heat and drought and blooming through the summer on sprawling stems. *Cresson*.
- Cal4100** *Caltha palustris*. YELLOW MARSH MARIGOLD, KINGCUP. Per. Sun. 10–12 x 12–18. Early Spring. Zone 3–7.
- 2294-Yellow blooms. Early spring perennial for wet area, native. Don't worry; this is NOT *Ranunculus ficaria*! From 2010-11 HPS Seed Exchange. *Squitiere*.
- Cal4200** *Calycanthus chinensis* (syn. *Sinocalycanthus*). SWEETSHRUB. Shrub.
- 522-Pinkish white flowers. Stunning 6-9' shrub featuring camelia-like flowers with yellow centers and often maroon markings. Prefers protected area, partial shade. Germ: Scfy: 4-8 wk. *Kushner*.
- Cam0050** *Camassia cusickii*. CAMASS LILY. Bulb. Sun/PtShade. 2½'. Spring.
- 199-Light blue flowers in May. Beautiful foliage. Native to the west. Interplant with daffodils. Evenly moist soil, tolerates very wet clay, but grows anywhere soil is moist until June. *Cresson*.
- Cam0345** *Camellia japonica* 'Korean Fire'. Tree. PtSun. 10–15' x 5–8'. Spring. Zone 6–9.
- 199-Deep red, single flowers with yellow stamens in spring. The hardiest *C. japonica*, at least a half zone hardier (probably zone 6a, at least), from islands off the north coast of Korea. Will eventually become a small tree. *Cresson*.
- Cam1000** *Camellia* 'Survivor'. FALL-BLOOMING CAMELLIA. Shrub. 8 x 5'. Fall.
- 199-White flowers with faint tint of pink on edges. One of the hardiest of fall blooming *C. oleifera* hybrids with compact midsize habit. Seedlings will vary. *Cresson*.
- Cam4500** *Campanula persicifolia*. PEACH-LEAVED BELLFLOWER. Per. Sun/PtShade. 1 x 1'; to 1–3 in bloom. Summer.
- 1585-Blue flowers. *Scofield*.
- Cam5800** *Campanula trachelium*. BATS-IN-THE-BELFRY, THROATWORT. Per. Sun/PtShade. 3 x 1'. Summer.
- 797-Long-lasting, deep blue flowers. Low foliage and tall flower stalks. Germ: NST. *Robinson*.
- Cam7010** *Campyloptropis macrocarpa*. Shrub. Sun/PtShade. 4 x 3'. Summer.
- 1277-Purple flowers. Plant is worth growing for late summer-fall color. Delicate spring *Lespedeza*-like leaves. New leaves have coppery color. *Haas*.
- Can5400** *Canna indica* 'Purpurea'. TenPer. Sun/PtSun. 4–6 x 2'. Summer–Fall. Zone 7b–11.
- 703-Orange-red blooms. Tender rhizomes. Height 6-7'. Broad green leaves blushed and veined with varying amounts of deep red to purple. *Ondra*.
- Cap1115** *Capsicum annuum* 'Black Olive'. BLACK OLIVE ORNAMENTAL PEPPER. An. Sun. 18–24". Summer–Fall. Zone 9–11.
- 592-Pepper is glossy purple black. Foliage rich "black". Nice bushy habit. Germ: NST. *Malocsay*.
- Cap1120** *Capsicum annuum* 'Black Pearl'. ORNAMENTAL PEPPER. An. Sun. 12–18 x 12". Summer–Fall.
- 2517-Grown for foliage and fruit/small pepper not flowers particularly. Black leaves with small, round, hot, black fruit maturing to red. Annual, 20 x 18". Germ: NST. *Weaver*.
- Cap1300** *Capsicum annuum* 'Calico'. An. Sun. 12–18 x 12–15".
- 2517-Grown for foliage and fruit. Creamy white leaf variegation with purple tinges. Small black fruit on purple stems. Annual, 12 x 16", sun. Germ: NST. *Weaver*.
- Cap1350** *Capsicum annuum* 'Chilly Chili'. An. Sun. 12 x 12–15".
- 2517-Grown mostly for 2 1/2" fruit, not flower. Fruit begins greenish yellow, gradually turning orange and maturing to red. Annual, 10 x 14", sun. Germ: NST. *Weaver*.
- Cap1700** *Capsicum annuum* 'Masquerade'. An. Sun. 10–12". Summer/Fall.
- 2937-Two inch upright peppers turn from green to purple then yellow, orange and finally red. All parts of the pepper are hot. A careless seed collector will quickly find this out. *Bittmann*.
- Cap2500** *Capsicum annuum* 'Variegata'. VARIEGATED ORNAMENTAL PEPPER. An. Sun 2–3 x 2'. Summer.
- 1277-Purple flowers. Nice, variegated foliage. Little peppers change from purple to red. *Haas*.
- Car0010**
- 3001-Perennial hydrangea relative. Dark green serrated foliage, blooms are like mini-lacecaps. Mid to late summer bloomer. Part shade/shade. 12-16". Zones 5-9. Germ: W, SS. *Gregg*.
- Car2450** *Carex grayi*. BUR SEDGE. Grass. PtShade/Shade. 2–3'.
- 199-Native clump-former with light green foliage, 3 x 3'. Seed pods shaped like a mace, the medieval weapon. Moist soils. Shade/PtShade. *Cresson*.
- 1684-Lax-leaved evergreen sedge, with spikey green balls as flowers. Germ: OW. *Broekhuis*.
- Car2500** *Carex muskingumensis*. PALM SEDGE. Sedge/Grass. Sun/PtShade. 2½ x 1½'. Summer.

- 1114-Tannish brown, decorative sedge with palm-like foliage. Spreads slowly via a short rhizome to form a fine-textured colony. Germ: CMS: 30-40 d; W; SS; SR; 20-30 d. *Aquascapes Unlimited*.
- 1684-Dark tan flowers. Branching flowering stalks appear as little palm trees. We grow a row of them as a dense, low green hedge. The seed heads dry to dark tan in midsummer. Germ: NST; W. *Broekhuis*.
- 2429-Germ: NST *Bricker*.
- Cer2850** *Carthamus tinctorius*. An. Sun. 3 x 1'. Summer.
- 592-Orange blooms. Who'd have thought safflower seed came from such an interesting plant. Great drying-pickbefore bloom shows. Short vase life. Germ: NST. *Malocsay*.
- \*\*\*\*\* *Cassia marilandica*. See: *Senna marilandica*.
- Cel1010** *Celosia argentea* (Spicata Group) 'Flamingo Pink'. An. Sun. Summer-Fall.
- 2294-Pink flowers. Tall, vertical, back of the border. Seeds around. Do not pinch for fullness. Dried flowers. Germ: NST. *Squitiere*.
- Cen5500** *Centratherum camporum*. PINEAPPLE PLANT. Sun/PtSun. 1½ x 2'. Summer.
- 951-Lavender blue flowers. *Tracey*.
- Cep0550** *Cephalanthus occidentalis*. BUTTONBUSH. Shrub. 3-6'. Summer.
- 239-White blooms. Native plant with interesting flowers, seed head and bark. Prefers moist areas, but is happy with average water and soil. Flowers are an excellent source of nectar for butterflies in the summer. Considered an important plant for butterfly nectar. Germ: W, NST, SR, 14d. *Doering*.
- 2515-White golf ball sized flowers adorn this plant in July and August. A native shrub for wet soils that dislikes drying out. Great beneficial insect host plant! *Doblmaier*.
- Cer1300** *Ceratopetalum trilobum*. SOUTH AFRICAN FOXGLOVE. An. Sun. 4-6 x 2½'. Summer-Fall.
- 2294-Light pink flowers. Hot full sun, 5'. Germ: Sow direct outside after frost or start early inside like peppers/tomatoes. *Squitiere*.
- Cer2050** *Cercis canadensis*. EASTERN REDBUD, JUDAS TREE. Tree. Sun/PtShade. 30 x 30'. Spring.
- 1939-Magenta flowers. Blooms before its heart-shaped leaves open. Germ: CMS; SCFY; or SIS. *Urffer*.
- Cer2100** *Cercis canadensis* 'Royal White'. Tree. Sun/PtSun. 15-25 x 15-25'. Spring. Zone 4-9.
- 2504-White blooms. Germ: Per Cullina: abrade seed with sandpaper or soak in hot water. Sow in fall in cold frame. *Mills, M.*
- Cer2730** *Cercis species*. REDBUD. Tree.
- 1865-Purple blooms. Multi-stemmed, 10-15' tall, blooms in spring. Germ: Soak seeds in hot water; CMs: 90d. *Bennett*.
- Cer3090** *Ceropegia africana* subsp. *barklyi*. Vine. PtSun. Zone 10a-11.
- 199-Green blooms. Tropical epiphytic trailing vine for hanging pot. Small green heart-shaped leaves with grey veins. Milkweed family. *Cresson*.
- Cer4000** *Ceropegia linearis* subsp. *woodii*. STRING OF HEARTS. Vine. Houseplant. Summer-Fall.
- 199-Green blooms. Tropical epiphytic trailing vine for hanging pot. Small green rounded heart-shaped leaves with prominent grey veins. Leaves are more rounded and grayer than *C. barklyi*. Milkweed family. *Cresson*.
- Cha0300** *Chaenomeles speciosa* 'Contorta'. CONTORTED FLOWERING QUINCE. Shrub. Sun/PtShade. 3-4 x 3-4'. Spring.
- 3001-White, pink flowers. Approximately half of seedlings will show some degree of contortion. Parent non-aggressive. Winter interest. Germ: CMS: 30d. *Gregg*.
- Cha0450** *Chaenomeles speciosa* 'Toyo-Nishiki'. FLOWERING QUINCE. Shrub. Sun/PtShade. 6-10 x 6-10'. Spring.
- 522-Reddish pink and white flowers; one of the loveliest quinces. Multiple-colored flowers on the same stem. Germ: CMS: 60+ d; SR. *Kushner*.
- Cha1050** *Chasmanthium latifolium*. NORTHERN SEA OATS. PerGrass. Sun/PtShade. 3 x 2'. Summer/Fall.
- 543-Nice tall grass that tolerates shade. Forms dense stands. Takes at least one year to become established. Germ: NST; BC; W; 1mo. *Leasure*.
- 1684-Flat panicles of seeds appear green in late summer, turn gold in fall. *Broekhuis*.
- 2294-Grass?green to tan blooms. Native ornamental grass, showy seed heads, probably best in a wild area due to possible aggressive self-sowing, 2-5'. *Squitiere*.
- Che2000** *Chelone glabra*. TURTLEHEAD. Per. PtShade. 2-3 x 2'. Summer-Fall.
- 199-White flowers. This mildly rhizomatous eastern native is ideal for moist meadows and woodland gardens. *Cresson*.
- Che2200** *Chelone lyonii*. PINK TURTLEHEAD. Per. Sun/PtShade. 3-4 x 2'. Summer.
- 199 -Clusters of pink tubular turtle-head shaped flowers in August are a nice companion to asters. About 3' tall. Germ: NST. *Cresson*.
- 817-*Ruhren*.
- Che2600** *Chelonopsis yagiharana*. Per. Sun/PtShade. 12 x 18". Summer-Fall.
- 199-Deep pink flowers. *Chelonopsis* means "Chelone-like," an apt description for this rare August-October bloomer with clean foliage on outwardly arching stems. From Dan Hinkley. *Cresson*.
- \*\*\*\*\* *Cheiranthus x allionii*. See: *Erysimum allionii*.
- Chl1000** *Chlorophytum species*. Per.
- 554-White flowers. Tiny lily-like flowers on delicate wiry stems. This plant from Robert Herald, who got it at Longwood Gardens, blooms in late spring/early summer, later than other anthericums. *Levine*.
- \*\*\*\*\* *Chrysopsis falcata*. See: *Pityopsis falcata*.
- \*\*\*\*\* *Cimicifuga* (all species). See: *Actaea*.
- Cle0120** *Clematis addisonii*. Per. Vine. Sun/PtShade. 3 x 3'. Summer.
- 446-Rare endemic from South Carolina. Upright perennial to 3 x 2'. Rosy purple flowers, early summer. Appreciates some support. Germ: Cycle: CMS, WMS. *Humphrey*.

## Clematis – *Clematis texensis*

**2137**-Lavender flowers. Native, small herbaceous scrambler with blooms all summer. Perfect for the perennial border or rock garden. Germ: W; 90 d. Remove seed tails to aid in germination. *Boylan*.

**Cle0700** *Clematis* 'Buckland Beauty'. Vine. Sun–Shade. 6–8'. Summer–Fall. Zone 4a–9b.

**2294**-Pink bells. *Texensis* and *pitcheri* lineage. A climber. *Squitiere*.

**Cle2200** *Clematis crispata*. MARSH CLEMATIS, BLUE JASMINE. Vine. Sun/PtShade. 6–8+ x 3'. Summer.

**1580**-Thick textured, light blue with white interior, flower size 2 x 1". Native in moist areas from VA to FL. Disease resistant. Roots must be mulched and shaded. Plant prefers full sun to part shade and evenly moist soil. Vine grows to 10' tall. Germ: BC. Sow in containers and freeze for 3 wk. Remove and sink into the ground in a shady location covering with glass. Keep soil moist. Transplant seedling as they appear. May take 30d or more to germinate. *Romenesko*.

**Cle2300** *Clematis* 'Dawn'. Vine. Sun/PtSun. 4–6' x 4–6'. Summer–Fall. Zone 4a–8b.

**2294**-Light pink blooms. Beautiful May flower, group 2. Seeds won't be true. *Squitiere*.

**Cle2450** Vine. Sun/PtSun. 10–12' x 2–3'. Summer–Fall. Zone 4–9.

**2137**-Purple blooms. *Viticella* hybrid. *Boylan*.

**Cle3000** *Clematis* 'Gillian Blades'. Vine. Sun/PtShade. 6–8'. Late Spring and Late Summer. Zone 4–11.

**2294**-Hint of blue on opening, maturing to white blossoms. Group 2. Climber to 6–8', large ruffly flowers. Probably not true from seed, so you may get different types! *Squitiere*.

**Cle3200** *Clematis glaucophylla*. Vine. Sun/PtShade. 12+'. Summer.

**446**-Pink flowers with a yellow throat. A rare clematis from Southeastern USA with vase-shaped flowers. Attracts hummingbirds. Germ: Sow 40F, 2mo; then W. *Humphrey*.

**2294**-Pink/light yellow blooms. *Clematis* native to southeast US. Germ: Set seeds on west blotter paper if you have, or try very moist paper towel inside a clear small plastic box. Room temperature in the dark. Seed coat will get soft and peel able after a couple days. Return to box until sprouts start set of leaves. *Squitiere*.

**Cle3300** *Clematis* 'Gravetye Beauty'. Vine. Sun. Summer.

**2294**-Red blooms. Type 3 clematis, a *texensis* hybrid. *Squitiere*.

**Cle3450** *Clematis* 'Helios'. Vine. Sun/PtShade. 6'. Summer.

**199**-Climbing vine with golden yellow nodding flowers for much of summer followed by fluffy seed-heads. Sun. *Cresson*.

**Cle3850** *Clematis ianthina* 'Josie's Midnight Blue'. PerVine. Sun/PtShade. 3–5 x 2–3'. Summer. Zone 3–9.

**2137**-Dark purple bloom. Selected form of *Clematis ianthina*. *Boylan*.

**Cle3900** *Clematis integrifolia*. SOLITARY CLEMATIS. Per. Sun/PtShade. 2–3 x 2'. Summer.

**239**-This is a non-climbing clematis that becomes a lovely weaver for the perennial garden. Flowers are a good blue for the garden. Germ: NST. *Doering*.

**1999**-Violet, bell-shaped flowers, nonclimbing. Germ: CMS: 30d, Soak: 12hr; BC; 30d. *Norfolk Botanical*.

**2515**-Blue to violet blooms. Lovely, small, nonvining clematis with blue/violet, bell-shaped flowers. *Doblmaier*.

**Cle4500** *Clematis ladakhiana*. Vine. Sun. 15–20'. Summer.

**199**-Yellow flowers with maroon dots. Flowers are small, nodding, and prolific. Glaucous gray foliage. Likes hot sunny dry location. *Cresson*.

**Cle5080** *Clematis My Angel*®. Per. Vine. Sun. 15–20'. Summer–Fall. Zone 4–9.

**2294**-Orange and yellow minibell blooms. Reportedly a cross of *C. orientalis* var. *orientalis* and *C. intricata*. Group 3, 6–9' climber. Seeds of this probably won't be true, but who knows what may come! *Squitiere*.

**Cle5360** *Clematis pitcheri* hybrid. LEATHERFLOWER, BLUEBELL. Vine. PtShade. 10'. Summer.

**199**-Purple, nodding, bell-shaped flowers. This very attractive native clematis hybrid was discovered by Carol Lim in a Broomall garden and blooms all summer. Probably *C. pitcheri* x *C. crispata*. *Cresson*.

**2294** -Little purple bells, recurved tips, plant from Dan Long of Brushwood. Native, summer to hard frost, 10' climber. *Squitiere*.

**Cle5580** *Clematis reticulata*. NETLEAF LEATHER-FLOWER. Vine. 9'.

**45**-Eastern U.S. native herbaceous climber to 10' with urceolate (urn-shaped) flowers, green and purple. An unusual clematis. Germ: Germination is difficult. Be patient. 2 yr. *Bartlett*.

**Cle5620** *Clematis* 'Rooguchi'. Per. Vine. Sun/PtShade. 6 x 4'. Early Summer–Early Fall.

**239**-Plum to purple blooms. Long blooming, June to October, plum to purple climber! Flowers are nodding and bell-like. Prune late winter or early spring. Blooms on new growth. Germ: CMS, OW, SIS. *Doering*.

**Cle5700** *Clematis serratifolia*. PerVine. Sun/PtShade. 8–15 x 2–4'. Summer–Fall. Zone 5–8.

**199**-Soft yellow flowers. A climber to 10' with nodding scented yellow flowers. Needs more consistent moisture than some yellow clematis. Said to be the only yellow clematis with a lemon scent. Late summer bloom followed by fluffy seed heads. Germ: NST. *Cresson*.

**2294**-Yellow blooms. Summer perennial, climber 9', decorative seed heads, late summer. Looks nice next to *perovskia*. *Squitiere*.

**Cle5900** *Clematis stans*. Per. Sun/PtShade. 2 x 2'. Summer–Fall.

**3001**-Blue flowers. Bush-type, similar to *C. heracleifolia*, but more compact. Germ: CMS: 30d. *Gregg*.

**Cle6000** *Clematis tangutica*. Vine. Sun/PtShade. 15 or 20 x 10'. Summer–Fall.

**2137**-Yellow blooms. *Boylan*.

**Cle6150** *Clematis texensis*. SCARLET CLEMATIS, TEXAS CLEMATIS. Vine. Sun/PtShade. Summer–Fall. 15 x 1½'. Summer.

- 199**-Carmine-red flowers. Spherical lantern-shaped flowers, from early summer through September, look like strawberries. Can be allowed to sprawl over shrubs, roses, or on a fence, where it is perhaps the most admired plant in the garden. It likes hot, sunny, dry conditions. Difficult species to obtain. *Cresson*.
- 1607**-Rosy red, bell-shaped flowers of thick substance on a 6-10' vine. Blooms June-September. My plant from the 2003-04 Seed Exchange. One of my favorites. *Jellinek*.
- Cle6320** *Clematis* 'The President'. Vine. Sun/PtSun. 8-10'x4-6'. Summer. Zone 4b-8b.
- 2294**-Bluish purple blooms. Group 2, strong grower. *Squitiere*.
- Cle6470** *Clematis tubulosa* hybrid. TUBE CLEMATIS. Per. Subshrub. Sun/PtShade. 2½ x 3'. Summer.
- 199**-Mid-blue, very fragrant flowers on a large, erect nonvining plant with woody base. Blooms in August. This hybrid is a very vigorous form. Previously listed as *C. heracleifolia*. Germ: Soak, sow; 1-2mo. *Cresson*.
- Cle6500** *Clematis viorna*. VASEVINE. Vine. Sun/PtShade. Summer.
- 45**-Pink/purple, green, white flowers. Wonderful native clematis. Herbaceous climber to 6'. A great scrambler over a small shrub. Germ: Cycle; 2 yrs. Germination is difficult. *Bartlett*.
- 2294**-Purplish pink bells, but variable species in flower shape and color. A native southern US, 13' climber. Germ: I have come across an expert clematis grower who is having terrific success with letting seed sit on moistened blotter paper, without any prior treatment. Put the paper in a universal clear transparent container storage box, at room temp, in the dark. Peeling off the seed coat after they soften with moisture will speed things up. Germination can be quick, within a about one wk. Let grow to first set of true leaves starting, then transplant. I have not done this, but am witness to the process. *Squitiere*.
- 2429**-*Bricker*.
- Cle6600** *Clematis virginiana*. VIRGIN'S BOWER. Vine. Sun/PtShade. 24 x 10'. Summer. Zone 3-8.
- 2294**-White, late summer bloom, native, can grow to 20'. Vigorous, can be cut back in spring. I'm using as a ground cover over a new empty area. Shade tolerant. This is NOT *Clematis ternifolia*. *Squitiere*.
- Cle7300** *Cleome hassleriana*. SPIDER FLOWER. An. Sun. 5-6 x 3'. Summer-Fall.
- 1020**-Pink flowers. *Wiedorn*.
- 1939**-*Urffer*.
- Cle7350** *Cleome hassleriana* (mixed colors). SPIDER FLOWER. An. Sun. 24 x 40". Summer.
- 2294**-Mixed flower colors. Reseeds abundantly. *Squitiere*.
- Cle7600** *Cleome serrulata*. ROCKY MOUNTAIN BEE PLANT. An. Sun. 2½-3 x 1½'. Summer.
- 446**-*Humphrey*.
- Cle7630** *Cleome serrulata* 'Solo'. An. Sun/PtSun. 24-36"x9-12". Summer.
- 9976**-White petals with long, pink/red stamens on 1-2' tall beeplant. *Wave Hill Gardeners*.
- Cle8500** *Clerodendron trichotomum*. HARLEQUIN GLORY BOWER. Shrub. Sun/PtShade. 10 x 10'. Summer.
- 522**-White flowers. Eye-catching shrub with fragrant white flowers followed by metallic blue fruit that sit in a red, star-like base. Germ: L; W; 1-3mo. *Kushner*.
- Cle9200** *Clethra alnifolia*. SUMMERSWEET, SWEET PEPPERBUSH. Shrub. PtShade. 8 x 8'. Summer-Fall. Zone 3-9.
- 2294**-White blooms. Shrub, early summer bloom, every bug in your yard will come to it. Fragrant. Unknown cultivar. *Squitiere*.
- Cle9230** *Clethra alnifolia* 'Hummingbird'.
- 1277**-White flowers. Nice dwarfcultivar of summersweet. Blooms in summer. Germ: CMS 90ds. *Haas*.
- Cle9250** *Clethra alnifolia* 'Ruby Spice'. SUMMERSWEET, SWEET PEPPERBUSH. Shrub. PtShade. 8 x 8'. Summer-Fall.
- 1277**-Pink flowers. *Haas*.
- Cli3600** *Clitoria ternatea*. BLUE PEA, BUTTERFLY PEA. TenPer. Vine. 6-10 x 6'. Summer-Fall.
- 9976**-Gentian blue bloom with white center and a hint of yellow. Great annual vine, can become a woody vine in a greenhouse. Germ: BH, BC, NST. *Wave Hill Gardeners*.
- Cli4000** *Clivia miniata*. NATAL LILY. TenPer. PtShade. 30 x 30". Spring-Summer.
- 199**-Lemon-yellow flowers. Self-pollinated seed from 'Sir John Thouron'. Will come true. Germ: Sow immediately. *Cresson*.
- Cod2010** *Codonopsis lanceolata*. BONNET BELLFLOWER. PerVine. Sun/PtShade. 3-8'. Late Summer-Fall.
- 199**-Green, spotted with maroon inside. Twining vine that thrives in our hot summers; perennial that dies to ground in winter. Resembles the cup and saucer vine, but hardy. Korean form. My plant from wild collection on Ullung Island, Korea. *Cresson*.
- 2294**-Green, light yellow blossoms, w/maroon. From Charles Cresson's 2013-14 HPS donation. Cool clematis-like bells on climbing vine. Germ: I started mine under plastic dome with shop lights as I do with tomatoes and peppers. *Squitiere*.
- Cod5000** *Codonopsis* species. Per.
- 951**-This bloomed in our garden this year from a 2011 sowing, with 3", five-petaled, violet blue flowers. The seed I received was mislabeled. Definitely worth the wait, but I can't confirm what species it is. *Tracey*.
- Cod5050** *Codonopsis tubulosa*. PerVine. Sun/PtShade. 8'. Summer.
- 239**-White flowers with muted blue-purple inner markings. Good vine for late summer-fall bloom. Nodding bell-shaped flower has beautiful interior. Wonderful vine to grow over a deck railing or over an evergreen shrub near a terrace. Place so that viewers can look up into the lovely, nodding flowers. Germ: BH; BC; NST. Self-sows somewhat but not invasively. *Doering*.
- Col1100** *Colchicum* hybrid. Per.
- 2937**-Pink blooms. Seed from various garden hybrids in the pink range. *Bittmann*.
- Con1100** *Consolida ajacis* (blue) (syn. *C. ambigua*). LARKSPUR. An. Sun. 4 x 1'. Late Spring-Summer.

- 199**-Blue blooms. This classic annual self-sows and blooms in June on tall 5-6' plants. I think the blue strain is the most useful color, complementing everything else. Sow late winter in situ. *Cresson*.
- 239** -Mostly blue with a few white flowers. Sow seeds outdoors in early spring. Pretty filler type plant. Germ: C; SS; SIS. *Doering*.
- 1607**-Blue flowers on 4' plants in early summer. Sow in situ late winter. Germ: SIS. *Jellinek*.
- 2294**-Blue blooms. Seeds around nicely. *Squitiere*.
- Con1800** *Consolida regalis*. ROYAL KNIGHT'S-SPUR, FIELD LARKSPUR, FORKING LARKSPUR. An. Sun. 18–24". Late Spring/Early Summer.
- 9976**-Blue/purple blossoms on a self-sowing 2' annual. Nice filler and very long bloom season. More airy and loose than other larkspurs. *Wave Hill Gardeners*.
- Cor1700** *Coreopsis leavenworthii*.
- 446**-Yellow flowers. Perennial but grow as annual in north. 1½-2', summer to frost. Charming, easy. Florida endemic. Germ: NST. *Humphrey*.
- 592**-Gold blooms. Dainty airy see-through habit, 2' high. 2013-14 Seed Exchange discovery I plan to keep going. Germ: NST. *Malocsay*.
- Cor1850** *Coreopsis tripteris*. TALL COREOPSIS. Per. 4–6'. Sun. Mid–Late Summer.
- 2294**-Yellow blooms. Mid to late summer bloom. Perennial. Native: birds, bees, and butterflies. I cut the foliage back by half in June for shorter, less floppy plant. *Squitiere*.
- Cor2000** *Coriandrum sativum*. CILANTRO, CHINESE PARSLEY. An. Sun. 3 x 2'. Spring–Fall.
- 2294**-White blooms, but not grown for flowers, deadhead them. Common herb in mexican cuisine. Cool weather grower. Germ: BC, SS, NST, SIS. *Squitiere*.
- Cor2750** *Cornus florida*. FLOWERING DOGWOOD. Tree/Shrub. Sun/PtShade. Spring.
- 1277**-White flowers. Germ: CMS 3mo. Pot up seeds and OW. *Haas*.
- Cor2780** *Cornus florida* 'Cherokee Chief'. FLOWERING DOGWOOD. Tree/Shrub. Sun/PtShade. Spring.
- 1277**-Reddish pink flowers. Germ: CMS 3mo. Pot up seeds and OW. *Haas*.
- Cor2850** *Cornus kousa*. CHINESE DOGWOOD, KOUSA DOGWOOD. Tree. Sun. 20–30 x 20'. Spring.
- 1277**-White flowers. Germ: CMS 3mo. *Haas*.
- Cor2900** *Cornus mas*. CORNELIAN CHERRY, CHERRY DOGWOOD. Tree. PtSun/PtShade. 15–25'. Early Spring. Zone 4–8.
- 1939**-*Urffer*.
- Cor5700** *Corydalis sempervirens*. PALE CORYDALIS, ROCK HARLEQUIN. Bien. Sun/PtShade. 3 x 2'. Summer.
- 1865**-Pink with yellow blooms. Annual/biennial, about 12" tall, part shade, glaucous foliage, avoid dry storage for more than 6 mo. Germ: Cycle: 70F followed by 40F or dry storage 6 mo then 70F. D. *Bennett*.
- 2294**-Pink and yellow bloom. Sweet little biennial, seeds from 2012-13 HPS Seed Exchange. I scattered them. Very nice plant. *Squitiere*.
- Cos1400** *Cosmos bipinnatus*. COSMOS. An. Sun. 3–4'. Summer.
- 2294** -Pink blooms. Annual, tall. Birds love the seeds. *Squitiere*.
- Cos2500** *Cosmos sulphureus*. YELLOW COSMOS. An. Sun. 4 x 1½'. Summer–Fall.
- 549**-Cheerful, bright orange blossoms. Easy, vigorous grower. Self sows. Germ: SIS, NST. *Leiner*.
- 797**-Orange flowers. Very free flowering. More delicate than the usual white and pink *C. bipinnatus*. Germ: NST; L; W. *Robinson*.
- 817**-The original wild type, 6-7' tall and blooming late in the season. Despite the specific epithet *sulphureus*, it is orange. Sow where it is to bloom. Reseeds reliably. *Rühren*.
- 965**-Strong orange-colored small flowers float above airy plants. Can bloom all summer. An easy, reseeding annual. *Umphrey*.
- 9980**-Yellow/orange blooms. *Chanticleer*.
- Cos2780** *Cosmos sulphureus* 'Ladybird Scarlet'. An. Sun. 12"; to 12–15" in bloom. Summer.
- 2294**-Orange flowers from Wave Hill 2007-08 HPS/MAG Seed Exchange. Germ: NST. Sowed direct outside after frost. *Squitiere*.
- Cos2830** *Cosmos sulphureus* 'Mona's Orange'. An. Sun. Summer–Fall.
- 2515**-Orange annual flowers on a 5' plant. I thought these plants were smaller when I ordered the seed from the 2012-13 HPS Seed Exchange. What a surprise! *Doblmaier*.
- Cot1050** *Cotoneaster salicifolius* 'Henry'. WILLOWLEAF COTONEASTER. Sun. 15 x 15'. Late Spring/Summer.
- 199**-White blooms. Rare and impressive evergreen fountain-shaped shrub to 10+' tall and wide. Abundant bright red fruit in fall. Dry shade or sun. Introduced from England by Styer Nursery decades ago, but no longer available. *Cresson*.
- Cro500** *Crococsmia aurea*. COPPERTIP, FALLING STAR, TRITONIA, MONTBRETIA. Per/Bulb. Sun/PtShade. 1½–2 x 1–2'. Summer.
- 199**-Golden orange flowers. A South African species with branched flower spikes in September, making it the last to bloom. Probably hardy to zone 6. *Cresson*.
- Cro1050** *Crococsmia* 'Lucifer'. Per. Sun. 3–4'; to 4½' in bloom. Summer.
- 1277**-Orange-red spikes. Can take dry conditions. *Haas*.
- 2294**-Red blooms. Tall sword narrow foliage, midsummer bloom, hummingbird plant. Perennial. *Squitiere*.
- 2515**-Red flowers. Takes a few years to bloom from seed--seed germinated readily for me. Lovely, arching, red flower stems. Likes a dry, sunny spot. *Doblmaier*.
- Cun1000** *Cunninghamia lanceolata* 'Glauca'. CHINA FIR. Tree Conifer. Sun. 60–80'. Zone 6–8.
- 3001**-Blue form, hardier than the species--to Zone 6. Can be messy, requiring clean-up of dead leaves. 60-70' with age. Give it some space. Germ: CMS: 30d. Soak: 24. *Gregg*.
- Cyc0700** *Cyclamen coum* (mixed forms).

- 199-Pink blooms. Seed from a fine plant with silver leaves and a green edge. Flowers in February to March. *Cresson*.
- Cyc1800** *Cyclamen hederifolium* (silver leaves with pink blooms).  
199-Pink blooms in fall with silver/pewter foliage. *Cresson*.
- Dap3000** *Daphniphyllum himalaense* subsp. *macropodium* (syn. *D. macropodium*). Shrub/Tree. PtShade. 20 x 15–20". Spring.  
199-Small insignificant flowers. Highly deer resistant evergreen *Rhododendron maximum*-like shrub. Tolerates dry shade, moderate drainage, or even sun. What more? Still scarce in nurseries. Blue-black fruit. Dioecious. This is hand-pollinated seed. *Cresson*.
- Dat2050** *Datura innoxia*. ANGEL'S TRUMPET, THORN APPLE. An. Sun. 5–6 x 3". Summer. Repeat bloomer.  
3006-White, possible suggestion of purple rimming the bloom. Tender perennial zone 7. Full sun/part shade. 4 x 5". Dramatic bloomer, huge white trumpets facing up. Plant to view at a distance—not so attractive when blossoms wilt the next day. *Mayer*.
- Dat3140** *Datura metel* 'Belle Blanche'. ANGEL'S TRUMPET, THORN APPLE. TenPer./An. Sun. 2–3 x 3–4". Summer–Fall. Zone 9–11.  
2294-White blooms. Large perennial, night-blooming, upward-facing trumpet flowers. Fragrant. I bring one in each night for my bedside table. *Squitiere*.
- Dat3160** *Datura metel* 'Cornucopia'. ANGEL'S TRUMPET. An. Sun. 4 x 2". Summer–Fall.  
522-Purple and white double (hose-in-hose) flowers. Stunning along a path. Will grow larger when planted out, but still a splendid container plant. Germ: NST; BC; BH, 2wk. *Kushner*.
- Dat4300** *Datura stramonium*. THORN APPLE. An. 5 x 5".  
2515-White blooms. White, fragrant flowers with spiky seed heads. Germ: NST. *Doblmaier*.
- Dau3050** *Daucus carota* 'Dara'. FLOWERING CARROT, WILD CARROT. Bien. Sun. 2–3". Summer. Zone 2–7.  
9980-Shades of red, pink and occasionally some white. *Chanticleer*.
- Dei0500** *Deinanthus bifida*. TWO-LOBED FALSE HYDRANGEA. Per. PtShade. 12–24 x 12–24". Spring–Summer.  
3001-Japanese hydrangea relative perennial with bilobed light green leaves. Early summer blooms. To 2 x 2". Zones 5–8. Germ: W, SS. *Gregg*.
- Des1250** *Desmanthus illinoensis*. ILLINOIS BUNDLEFLOWER. Per. 4 x 3–4". Sun. Summer.  
554-White, insignificant flowers. Grown for mimosa-like leaves that close at night and interesting "bundled" seed heads. *Levine*.
- Dia0300** *Dianthus amurensis*. AMUR RIVER PINK. Per. Sun. 12–16 x 12". Summer–Fall.  
199-Magenta-pink flowers. A reliable perennial. Cut back after summer bloom for good repeat in fall. *Cresson*.
- Dia0580** *Dianthus barbatus* 'Heart Attack'. SWEET WILLIAM, BEARDED PINK. Per. Sun. 9–12 x 6–9". Spring.  
9976-Red/black blooms on dark green foliage. *Wave Hill Gardeners*.
- Dia3000** *Dianthus* 'Feuerhexe' (syn. *Dianthus gratianopolitanus* 'Firewitch'). CHEDDAR PINK, MOUNTAIN PINK. Per. Sun. 6". Spring. Repeat Bloomer.  
2937-Cheddar pink blooms. Seed from 'firewitch', produces dwarf to very dwarf plants with bloom colors ranging from pink to magenta to salmon. *Bittmann*.
- Dia4050** *Dianthus giganteus*. Per. Sun. 3 x 1". Summer.  
1684-Broekhuis.
- Dia5420** *Dianthus plumarius* 'Sonata'. COTTAGE PINK, BORDER PINK.  
1585-Varying shades of pink and white blooms in June, repeats in September. Blue-green foliage looks good all season. *D. p.* 'Sonata' replaced *D. p.* 'Spring Beauty' in the trade. It's faster growing, but may be less sturdy. Germ: SIS; NST. *Scofield*.
- Dia6700** *Dianthus superbus* var. *longicalycinus*. SUPERB PINK. Per. Sun/PtShade. 6–12 x 9–12". Summer. Zone 3–9.  
199-Purplish pink, fringed petals on 18" branched stems, August to frost. This remarkable plant was given to me 25 years ago by Barry Yinger, who collected it in Korea. Easy to grow and drought tolerant. *Cresson*.  
1607-Purplish pink blooms. Drought tolerant 18" plants have flowers with fringed petals. Blooms August to frost. My plants were grown from seed I received in the 2012-13 HPS Seed Exchange. *Jellinek*.
- Dic3750** *Dicentra spectabilis*. BLEEDING HEART. Per. PtShade. 3 x 3". Late Spring–Early Summer.  
2294-The traditional, dark pink bleeding heart perennial. Seeds in unless deadheaded. Early spring, part shade, grow with tulips, primrose. Germ: NST, SIS. *Squitiere*.
- Dic3800** *Dicentra spectabilis* 'Alba'. Pen. PtSun/Shade. 2 x 2". Spring. Zone 3–9.  
2294-White blooms on perennial with early spring bloom. Germ: NST, SIS. Seeds around. *Squitiere*.
- Dic4650** *Dicentra torulosa*. An./TenPer. Vine. Sun/PtShade/Shade. 12". Summer.  
797-Yellow flowers. Lacy vine with small yellow flowers. Climbs up through shrubs. Self-sows everywhere. Germ: NST; BC; W. *Robinson*.
- Dic5020** *Dictamnus albus* var. *purpureus*. GASPLANT. Per. Sun/PtShade. 2–3 x 2½". Late Spring–Summer.  
1607-Mauve/pink blooms with dark veins. Long-lived member of the citrus family has shiny green foliage and a fruity fragrance when crushed, the resins can cause dermatitis. The volatile oils can be ignited, although I didn't try it. Germ: Cycle: WMS 90d; CMS 90d; cycle 70F-40F-70F *Jellinek*.
- Dig2500** *Digitalis grandiflora*. PERENNIAL FOXGLOVE, YELLOW FOXGLOVE. Per. Sun/PtShade. 1–1½ x 1"; from 2–3' tall in bloom. Late Spring–Summer.  
199-Yellow flowers. The soft yellow flowers blend with almost any color. Reblooms if cut back. *Cresson*.  
1277-Pale yellow flowers. Nice foliage. A good plant and a reliable perennial. *Haas*.
- Dig3020** *Digitalis lamarkckii*.

118-Wonderful pubescent spikes of quietly dramatic, hairy, pale beige, helmet-shaped flowers with maroon netting inside, tinged with mustard. A large, exaggerated, white lower lip adds to the drama. Perennial to 3'. Partial shade. Germ: W, SS. *Stonecrop Gardens*.

**Dig3500** *Digitalis lutea*. STRAW FOXGLOVE. Per. PtShade. 6–12 x 12"; from 2–6' in bloom. Late Spring–Summer.

797-Yellow flowers. Germ: BC; SIS. *Robinson*.

**Dig4050** *Digitalis purpurea*. FOXGLOVE. Bien./Per. PtShade. 2 x 2'; from 4–6' in bloom. Early Summer.

926-Pinkish purple, occasionally white flowers. Old-fashioned and graceful. Germ: Seeds around helpfully. *Streeter*.

1607-Rosy purple flowers. *Jellinek*.

2294-Pink blooms of unknown variety. Germ: NST, SIS. *Squitiere*.

2483-White, pale and dark pink, deep red-purple flowers. Biennial, more tolerant of shade & drought than most once established. Germ: NST; W; 20d. Can also be winter sown: [www.wintersown.org/wseol](http://www.wintersown.org/wseol). *Barrett*.

**Dig4100** *Digitalis purpurea* 'Apricot Faerie Queen'. Pen. Sun/PtSun. 36–48 x 18–24". Spring/Early Summer. Zone 4a–9b.

9976-Peach/soft pink blooms. *Wave Hill Gardeners*.

**Dig4150** *Digitalis purpurea* 'Alba'. WHITE FOXGLOVE. Bien./Per. Sun/PtShade. 2 x 2'; from 3–6' in bloom. Summer.

797-Germ: BC; SIS. *Robinson*.

**Dip0300** *Dipcadi viride*.

554-White insignificant bloom. Tender bulb, blooms first year from seed. After three years, I have many bulbs crowded in a 6" pot and the clump still puts out countless small gray-green flowers on 8" stalks all summer and fall. Winter dormant; store pot in cool, dry place with no water. Germ: NST. *Levine*.

**Dip1050** *Dipsacus fullonum*. TEASEL. Bien. Sun/PtShade. 7'. Summer–Fall.

797-Buff-colored flowers. *Robinson*.

**Dod1110** *Dodecatheon meadia*. SHOOTING STAR. Per. Sun/PtShade. 6 x 10"; from 16–24" in bloom. Spring.

2294-Fuchsia blooms. Native early spring wildflower, ephemeral. *Squitiere*.

\*\*\*\*\* *Dolichos lablab*. See: *Lablab purpureus*.

**Dra0750** *Draba arabisans*. Per. Sun/PtShade. 4 x 8; to 10" in bloom. Spring.

2429-White flowers in spring on 12" stalks over low cushion of foliage that remains attractive all season. Germ: BC; NST. *Bricker*.

**Dra1060** *Dracocephalum argunense* 'Blue Ice' (syn. *Dracocephalum grandiflorum* 'Blue Ice'). DRAGON'S HEAD. Per. Sun/PtShade. 12–18".

2294-Light blue blooms. Rock garden perennial, full sun. *Squitiere*.

**Dra1150** *Dracocephalum moldavicum*. An.

2294-Mercury herb, annual to perennial, cool weather. *Squitiere*.

**Dro0500** *Drosera capensis*. CAPE SUNDEW. Per. Sun/PtShade. 1". Zone 3–8.

1114-Pink flowers standing 4–6" tall. Water with rainwater only, constant moisture. Native of South Africa. Germ: CMS, BH, SS, SR, 20–30 d. *Aquascapes Unlimited*.

**Dro1000** *Drosera filiformis* var. *filiformis*. THREADLEAF SUNDEW. Per. Sun/PtShade. 6–8". Zone 3–8.

1114-Pink flowers with beautiful thread-like foliage. Upon maturity, this native mid-Atlantic sundew is a must for every bog garden. Water with rainwater only, full sun, constant moisture. Germ: CMS: 30–40 d; BH; SS; 20–30 d. *Aquascapes Unlimited*.

**Ech0250** *Echinacea purpurea*. PURPLE CONEFLOWER. Per. Sun. 4 x 1'. Summer–Fall.

1277-Mauve pink. Attracts droves of butterflies. *Haas*.

**Ech0500** *Echinacea purpurea* 'Alba'. WHITE CONEFLOWER. Per. Sun/PtShade. 3–5 x 3–4'. Summer–Fall.

1020-White flowers. *Wiedorn*.

**Ech1850** *Echinacea tennesseensis*. TENNESSEE CONEFLOWER. Per. Sun/PtShade. 2–3 x 1½'. Summer–Fall.

446-Burgundy flowers which tend outward. Neat, well-behaved. A winner. Native of cedar glades. Germ: NST. *Humphrey*.

2483-Pink blooms. Deer parade right through and over this one every morning, but it blooms for a long time anyway. However, I wonder if this plant would be less straggly if it did not have to dodge so many deer hoofs?" *Barrett*.

**Ech3250** *Echinops ritro*. GLOBE THISTLE. Per. Sun. 2 x 1½'. Summer.

926-Steel blue flowers. Taller 3–4'. Good back-of-the-border plant. Not as ferocious as most thistles. Flowers dry well. Self-sows. Germ: NST. *Streeter*.

**Ele0450** *Elephantopus carolinianus*. Per. Sun/PtShade. 2–3 x 2–3'. Late Summer–Fall.

1684-Blue flowers. Composite wildflower of the Eastern U.S., with prominently veined dark-green leaves, and powder-blue flowers in late summer. The kind of plant that I like to see popping up here and there in my borders, but don't try to purposely plant. Self-sows somewhat in our garden. *Broekhuis*.

**Els1050** *Elsholtzia stauntonii*. MINT BUSH. Per. Subshrub. Sun. 3–5'. Summer–Fall.

239-Purple-pink flowers. Foliage is mint-scented. Late flowers a plus for the late summer garden. Germ: NST; BC; W; 2–3wks. *Doering*.

1277-Lavender flowers. Nice, little known shrub similar to caryopteris. Deadhead to prevent reseeding. *Haas*.

**Enk1100** *Enkianthus campanulatus*. REDVEIN ENKIANTHUS, FURIN-TSUTSUJI. Shrub. Sun/PtShade. 6–10 x 4–6'. Late Spring. Zone 4–7.

1939-Blooms bell-shaped cream with a red vein, red wine-colored seed covers in the fall. An ericaceous shrub. Germ: BH; NST. *Urffer*.

**Enn1000** *Ennealophus euryandrus* (syn. *Herbertia euryandra*, *Alophia euryandra*). ARGENTINE BLUE EURYANDRUS IRIS. TenBulb. PtShade. 12 x 15". Spring–Summer.

- 592 -Blue and white blooms first year from seed, easy to store overwinter. Pot or ground. Best show in quantity at the front of the border. For lovers of close-up dainty flowers. Germ: NST. *Malocsay*.
- Epi1400** *Epilobium angustifolium* (syn. *Chamerion angustifolium*). FIREWEED, GREAT-WILLOW HERB. Per. Sun/PtShade. 4–6'. Summer. Zone 2–7.
- 1684-*Broekhuis*.
- Era4000** *Eranthis hyemalis*. WINTER ACONITE. Per. Sun/PtShade. 3 x 2". Winter–Spring.
- 1939-Cheery bright yellow flowers, arrive soon after the snowdrops in February. Germ: SIS, NST. They can grow into tubers or plant in undisturbed soils outside and leaves will open, but flowers take three years. *Urffer*.
- Ere3900** *Eremurus stenophyllus*. NARROW-LEAVED FOXTAIL LILY. Per. Sun. 5 x 2'. Summer.
- 446-Mine grew very well in gravelly soil under overhang on south side of house. *Humphrey*.
- Ero1000** *Erodium species*. HERON'S BILL, FILAREE. An. Sun.
- 592-Chance nursery find I'm treating as a tender pot plant. Low-spreading, hairy foliage nice after spring bloom. Self-sowed into nearby pot. Germ: NST. *Malocsay*.
- Ery0050** *Eryngium agavifolium*. SEA HOLLY. Per. Sun. 1 x 1–2; to 5' in bloom. Summer.
- 199-Greenish white blooms. Dramatic perennial for its basal spiny-edged sword-shaped leaves and 3-5' flower spikes. *Cresson*.
- Ery0360** *Eryngium aquaticum*. SWAMP ERYNGO. Per. Sun. 5 x 1'. Summer.
- 1114-Silver-blue flowers. Great in combination with *Lobelia siphilitica*. Germ: CMS: 30-40 d; W; SS; SR; 20-30 d. *Aquascapes Unlimited*.
- Ery3010** *Eryngium giganteum*. MISS WILLMOTT'S GHOST. Sun. 3 x 1'. Summer.
- 199-Stiff, silvery, prickly flower heads. A classic. Allow to self-sow. *Cresson*.
- 9980-Medium blue, silver/gray blooms. *Chanticleer*.
- Ery3750** *Eryngium planum*. SEA HOLLY. Per. Sun. 6 x 6"; to 30" in bloom. Summer–Fall.
- 797-Steely blue. Small, silvery blue spikey flowerheads add texture all summer. Germ: BC; W, 2-3wk; C, 3-5wk. *Robinson*.
- Ery3870** *Eryngium planum* 'Blue Glitter'. SEA HOLLY. Per. Sun. 36–40". Summer. Zone 4–9.
- 2137-Steel blue blooms. Dwarf variety. *Boylan*.
- Ery5250** *Eryngium yuccifolium*. RATTLESNAKE MASTER. Per. Sun. 4 x 2'. Summer/Fall.
- 1918-*E. yuccifolium* is a short-lived perennial with unusual yucca-like foliage and pale green 1" flower heads atop stiff stems. Native to the US. Grows well in dry to medium moisture soils with good drainage in full sun. Transplants poorly. May self seed. Germ: SIS. *Carey*.
- 2429-Germ: CMS: 90 d. *Bricker*.
- Esc1000** *Eschscholzia californica*. CALIFORNIA POPPY. An. Sun. 8–12". Late Spring/Early Summer.
- 2294-Gold blooms. Annual poppy, prolific flowering when happy in dry hot spot. Reseeds nicely. Glaucous feathery foliage 8-12" high. *Squitiere*.
- Euc5300** *Eucomis comosa* 'Sparkling Burgundy'. PURPLE PINEAPPLE LILY. TenPer. Bulb. Sun/PtShade. 1½ x 1'. Summer.
- 554-Greenish flowers. Seeds grown over years have come up with some of the parent plant's purple leaf coloration. Will take years to reach blooming size. Germ: NST. *Levine*.
- Euo1050** *Euonymus americanus*. HEARTS A BUSTIN', AMERICAN STRAWBERRY BUSH. Shrub. PtShade. 6 x 5'. Spring.
- 199-Small, inconspicuous, greenish yellow flowers followed by strawberry-like fruit that splits open to show 4 or 5 red-orange seeds framed by the scarlet husk. Native understory plant. *Cresson*.
- Euo1480** *Euonymus carnosus*. Tree. Sun. 10–15'.
- 522-A small tree with leathery, glossy, dark green leaves that turn dark purple in fall. Wonderful fleshy, pink fruit opens to expose black shiny seeds. Germ: CMS, Scfy, 3mo; BH, OW; SR. *Kushner*.
- Euo1550** *Euonymus latifolius*. Shrub. PtShade/Shade. 10 x 10'. Spring.
- 199-Pale green flowers. Main feature of this plant are the clusters of large fruit that ripen to red in midsummer to early fall, then split to release seeds in orange flesh. Good for dry shade, but not wet, heavy clay. Very similar to *E. planipes* and *E. sachalinensis*. *Cresson*.
- Eup1000** *Eupatorium dubium* 'Little Joe'. JOE PYE WEED. Per. Sun/PtSun. 3–5 x 1½'. Summer. Zone 5–8.
- 2294-Mauve blooms. Midsummer bloom, dwarf variety grows to only 4'. Very nice plant. *Squitiere*.
- 2517-Midsummer mauve bloom; dwarf variety with nectar rich flowers attracting a majority of pollinators, such as bees and butterflies. Per. Sun/PtSun. 3–5 x 1 1/2'. Zone 5–8. Germ: NST. *Weaver*.
- Eup2350** *Eupatorium maculatum*. JOE-PYE WEED. Per. 5–7 x 3'. Summer.
- 543-Purple-pink flowers. Nice plant for the back of the border. Tolerates wet soil. Germ: W; BC; NST; 3 wks. *Leasure*.
- Eup2400** *Eupatorium perfoliatum*. BONESET. Per. Sun/PtShade. 3–5 x 3'. Summer–Fall.
- 2429-White flowers. Germ: CMS: 90 d. *Bricker*.
- Eup2440** *Eupatorium purpureum* subsp. *maculatum* 'Gateway'. JOE-PYE WEED. Per. 5–7 x 3'. Summer.
- 2294-Pink/mauve flowers. Native, butterfly plant. Bees love it. Easy to grow. Tall 4-5'. If grown in full sun, won't flop. *Squitiere*.
- Eup3600** *Eupatorium serotinum*. LATE BONESET. Per. Sun/PtShade. 3–6 x 1'. Summer/Fall.
- 817-Late summer, early fall blooming native; a 5' cloud of white, great for pollinators, attractive after bloom as well. Sun. *Ruhren*.
- Eup5000** *Euphorbia characias* subsp. *wulfenii*. MEDITERRANEAN SPURGE. Per. Sun/PtShade. 3–4'. Spring. Zone 7–10.
- 1999-Chartreuse yellow blooms. *Norfolk Botanical*.

## *Euphorbia heterophylla* – *Gentiana andrewsii*

**Eup6400** *Euphorbia heterophylla*. TenPer. Sun/PtSun. 24–36 x 24–36". Summer. Zone 9a–11.

**199**-Yellowish green flowers. The main attraction of this Central American annual is the red flower bracts, a muted version of its relative, the poinsettia. Vigorous bushy plants reach 2-3' in Sun/PtShade. Seed overwinters in the garden. *Cresson*.

**Eup6800** *Euphorbia lathyris*. MOLE SPURGE. Bien. Sun. 2–4 x 1–2'. Summer.

**647**-Yellow-green blooms. Biennial, structural plant, seeds in. Allan Armitage favorite. Germ: BH, NST. *Mirick*.

**Eup6900** *Euphorbia marginata*. SNOW-ON-THE-MOUNTAIN. An. Sun/PtShade. 3'. Summer–Fall.

**592**-White flowers with tiny foliage edged white. Adds later summer freshness, good background. Self-sows in Pittsburgh. Transplants readily. Germ: NST. *Malocsay*.

**2294**-White flowers. Brightens up the garden, prolific re-seeding? deadhead if needed, 2'. *Squitiere*.

**Eur0100** *Eurybia divaricata* (syn. *Aster divaricatus*). WHITE WOODS ASTER. Per. PtShade. 2 x 2'. Summer–Fall.

**199**-White flowers. Amazingly well suited to dry shade. Looks best in naturalistic, low maintenance planting. Arching flower stems. Can serve as ground cover. Great to combine with *Solidago caesia*. *Cresson*.

**355**-White blooms with yellow to red centers. *Greenwood*.

**2294**-White blooms. Fall bloom, native aster, tough perennial. Mine are thriving in evergreen dry shade. Plant in wilder areas, not for controlled beds. Will seed in. *Squitiere*.

**2429**-A fall white-blooming aster useful for naturalizing in dry shade. Germ: CMS. *Bricker*.

**Eus0050** *Euscaphis japonica*. KOREAN SWEETHEART TREE. Tree. Sun/PtShade. 20 x 10–15'. Spring.

**199**-Creamy yellow blooms. The perfection of unblemished dark glossy green pinnate foliage combined with clusters of red heart-shaped autumn fruit that split to reveal black seeds is an almost surreal garden feature. Sprays of tiny creamy flowers in spring. A perfect small deciduous tree to 20'. The epitome of exotic. Fully hardy too! *Cresson*.

**522**-A multiple interest specimen tree. Slender growth habit, flowers turn to red fruits bearing black seeds. Seeds resemble those found on *Euonymus carnosus*. Germ: CMS, Scfy. *Kushner*.

**Fil0500** *Filipendula camtschatica*. GIANT MEADOW-SWEET. Per. Sun/PtShade. 6–9'. Summer.

**1017**-Nice large-scale (3-4') perennial, bold-textured, large palmate foliage, summer-blooming, ivory white flowers. Japanese beetles love it as much as I do. *Whitesell*.

**Foe1250** *Foeniculum vulgare*. FENNEL. Per. Sun. 5–6½'. Summer–Fall.

**543**-Yellow umbels. Fine feathery foliage is deep bronzy purple, good center or back of border accent. All parts edible! Germ: NST; 7-10 ds. *Leasure*.

**Foe1700** *Foeniculum vulgare* 'Purpureum'. FENNEL. Per. Sun. 4–6'. Summer. Zone 5+.

**1918**-Yellow blooms. *F. vulgare* 'Purpureum' grows 2-5' and is attractive to bees and other beneficial insects. Anise-scented foliage is feathery and bronze-green. Flowers are compound yellow umbels that appear in midsummer. An edible herb. It may self sow aggressively. Germ: SIS. Sow outdoors after last frost. *Carey*.

**3006**-Chartreuse/yellow blooms. Perennial herb, full sun/part shade. 5 x 5'. Germ: Self-sows. *Mayer*.

**Fre3000** *Freesia laxa* (syn. *Anomatheca laxa*). FALSE FREESIA. Per. Sun/PtShade. 8–15"; to 2' in bloom. Summer. Zone 8–10.

**1999**-Salmon and/or white with salmon markings on bloom. Clumps of strap-shaped leaves. Germ: CMS: 30d; BC. Will self-sow. *Norfolk Botanical*.

**Fri1140** *Fritillaria pallidiflora*. Bulb. Spring.

**2294**-Midspring pale yellow bloom, 12" high. Well-drained soil. *Squitiere*.

**Fri2050** *Fritillaria meleagris*. GUINEA-HEN, FLOWERED SNAKE'S HEAD FRITILLARY. PerBulb. Spring.

**703**-Purple or white nodding flowers in spring. Hardy bulb. *Ondra*.

**Fuc1800** *Fuchsia regia*. LADY'S EARDROPS. Woody. Sun/PtShade. 2–3 x 2–3'. Summer–Fall.

**199** -Red and purple flowers. Another hardy species similar to *F. magellanica* but with narrow 4" glossy leaves. Grow outdoors as a hardy perennial and mulch in winter for extra protection. Tasty purple-black fruit. *Cresson*.

**Gai5000** *Gaillardia pulchella*. BLANKET FLOWER. An./Per. Summer–Fall.

**2294**-Orange and yellow blooms. Summer to fall, short-lived perennial or annual, easy from seed, 10" wide and high. *Squitiere*.

**Gal2010** *Galtonia candicans*. Bulb. Sun. 2–3'; to 4 or 5' in bloom. Summer.

**2294**-White blooms on hardy bulb to Zone 5. From South Africa, avoid winter wet. *Squitiere*.

**Gal2250** *Galtonia viridiflora*. TenBulb. Sun. 2–3'. Late Summer.

**951**-Greenish white blooms. *Tracey*.

**Gel2000** *Gelsemium sempervirens* 'Margarita'. CAROLINA JESSAMINE. Vine. Sun/PtShade. 10–12 x 4–6'. Spring–Summer. Zone 5–9.

**199**-Yellow flowers. Attractive evergreen twining vine with bright yellow flowers in spring. The hardier form of this Southeastern native, to Zone 6. *Cresson*.

**Gen0500** *Gentiana andrewsii*. BOTTLE GENTIAN, CLOSED GENTIAN. Per. PtShade. 12–24 x 8". Late Summer.

**199** -Blue flowers. A treasured wildflower for partial shade in moist well drained soil. *Cresson*.

**1918**-*Carey*.

**2504**-Rich blue blooms. Damp sunny location; will grow in ordinary conditions if not allowed to dry out. Germ: SR. Have had success with fall surface sowing in situ. *Mills, M.*

**Gen1470** *Gentiana clausa*. CLOSED GENTIAN, BOTTLE GENTIAN. Per. PtShade. 12–24 x 10". Summer. Zone 3–7.

**965**-*Umphrey*.

**2294**-Blue blooms. Native perennial, 2' tall, late summer bloom. Petals never open, so the flower looks like a bud. Bumblebees are strong enough to push past the closed petals. *Squitiere*.

**Gen1680** *Gentiana dahurica*. Per. PtShade. 16 x 10". Late Summer.

**199**-Foot wide basal rosettes of long narrow leaves produce lax stems of deep true blue flowers with white throats in late summer. Easy to grow in well drained lime free soil in Sun/PtShade. *Cresson*.

**Ger4600** *Geranium sanguineum* 'New Hampshire Purple'. Pen. Sun/PtSun. 12 x 12". Spring/Early Summer. Zone 3–8.

**2294**-Magenta blooms. Spreads and roots to a large area, mine grows in *Vinca minor*. Cut back after initial bloom for continual bloom. Seeds around a little. Germ: SIS. *Squitiere*.

**Gil1000** *Gillenia stipulata*. AMERICAN IPECAC. Per. PtShade. 2 x 1'. Spring–Summer.

**446**-Germ: NST. *Humphrey*.

**Gil1250** *Gillenia trifoliata*. BOWMAN'S ROOT, INDIAN PHYSIC. Per. PtShade. 3 x 2'. Spring–Summer.

**2294** -White flowers. Blooms midspring, fall color, full sun/part shade. Native. *Squitiere*.

**2429**-Airy white flowers in spring with red petioles and dark stems. Foliage may turn bronze in fall. Germ: CMS. *Bricker*.

**Gla0450** *Gladiolus* 'Carolina Primrose'. Bulb. Sun. 24–36 x 6–9". Midsummer. Zone 7a–10b.

**199**-Soft yellow blooms. Found on an old home-site in NC, the origin/ID of this are debatable. Probably an old hybrid of the African *G. dalenii*, also known as *G. x gandavense*. Soft yellow flowers midsummer go with every color! Prolific and hardy in my garden for years, 3' tall. Who knows what these seeds will produce? *Cresson*.

**Gla0980** *Glaucidium palmatum*. WOOD POPPY. Per. PtShade/Shade. 18–24 x 15–18". Spring.

**926**-Lavender flowers for woodland garden in shade. Germ: W; D. *Streeter*.

**Gla1050** *Glaucidium flavum*. HORNED POPPY. Per. Sun. ½ x 1–2"; to 1" in bloom. Summer.

**9980**-Yellow blooms. *Chanticleer*.

**Gla1060** *Glaucidium flavum* f. *fulvum*. HORNED POPPY. Bien. Sun. 18–24". Spring/Summer. Zone 6–10.

**951**-Tangerine flowers. *Tracey*.

**Gom0400** *Gomphocarpus physocarpus* (syn. *Asclepias physocarpa*). PUFFER FISH MILKWEED, SWANPLANT. An. Sun/PtShade. 4–6 x 2'. Summer.

**965**-White. Tall, upright, vase-shaped specimen with lovely white flowers in dangling clusters. Incredible, fuzzy, baseball-sized seedpods form during the season (with seeds curiously arranged within). Fun. Seeds take a long time to mature on plant. Germ: W. *Umphrey*.

**Gom1000** *Gomphrena haageana* Qis Series Red. An. Sun. 12–18 x 9–12". Summer.

**2937**-Bright red flowers which are good for cutting or drying. Thrives in heat and tolerates drought. *Bittmann*.

**Hab2500** *Habranthus robustus*. PINK RAIN LILY. TenBulb. Sun. 1'. Summer.

**817**-Pink flowers. Large, 3" wide, lilylike trumpets above blue-green leaves after each rain. Germ: NST; W, 1wk. *Ruhren*.

**Hal2500** *Halesia tetraptera*. SILVERBELL. Tree. Sun/PtShade. 30–40'. Spring.

**2294**-White blooms. Not drought tolerant, I've read. Needs acidic soil. Native. *Squitiere*.

**Ham1200** *Hamamelis virginiana*. Shrub. Sun/PtShade.

**2294**-Fall yellow blooms, lightly fragrant. Native small tree, source of common witch hazel astringent. Part shade to full sun. *Squitiere*.

**Hel0150** *Helenium autumnale*. SNEEZEWEED. Per. Sun/PtShade. 3–5 x 1½". Fall.

**2483**-Yellow flowers, 5'. Germ: OW. Poisonous; attractive to bees, butterflies and birds. *Barrett*.

**Hel1400** *Helianthus giganteus*. GIANT SUNFLOWER. Per. Sun. 10 x 1'. Summer/Fall.

**199**-Light lemon yellow flowers. Clusters of daisy-like flowers on tall stems in September. Perfect for moist meadow or back of border to follow summer composites. Loved by goldfinches. Better behaved than 'Lemon Queen', not expanding by rhizomes. *Cresson*.

**1277**-Yellow flowers. Plant this perennial sunflower in a wild garden as it spreads rapidly. I cut it off in summer to keep shorter; it then blooms later. *Haas*.

**2515**-Yellow blooms in late summer/early fall. Place it in the back of the border. In the wet soil border, it still needs to be placed behind the swamp hibiscus. *Doblmaier*.

**Hel1600** *Helianthus grosseserratus*. Per. Sun/PtShade. 15 x 4'. Fall.

**199**-Bright yellow, October bloom. Reputedly can reach an amazing 15-20". Branched clusters of daisies 2-3" diameter. Perfect in a moist meadow among tall perennials or as a garden statement. This form originated in a ditch in Mississippi. A goldfinch favorite, making this seed difficult to collect. *Cresson*.

**Hel1870** *Helianthus mollis*. ASHY SUNFLOWER. Per. Sun. 6 x 3'. Late Summer–Early Fall.

**1277**-Yellow flowers. Ashy-green leaves. Plant this perennial sunflower in a wild garden as it spreads rapidly. I cut it off in summer to keep shorter; it then blooms later. *Haas*.

**Hel1880** *Helianthus occidentalis*. Per. Sun/PtShade. 3' x 1'. Summer.

**2429**-Spreading with bright yellow flowers on leafless stalks. *Bricker*.

**Hel4000** *Heliopsis helianthoides*. OX EYE. Per. Sun. 3–6 x 2–3". MidSummer–Fall.

## *Heliopsis helianthoides* – *Heuchera villosa*

- 1684**-Yellow blooms. Summer-blooming perennial with lots of cheerful 3" golden flowers on plants to 5' tall. Germ: W. *Broekhuis*.
- Hel4230** *Heliopsis helianthoides* var. *scabra* 'Summer Nights'. OXEYE. Per. Sun. 3 x 2'. Summer–Fall.
- 965**-Golden, variable bloom with darker eye. A seed strain with the best seedlings displaying burgundy stems and a wonderful burgundy sheen to the leaves. The effect with contrasting gold flowers can be psychedelic. Long bloom time. Germ: Seedlings pop up regularly in the garden, but not a nuisance. *Umphrey*.
- Hel5350** *Helleborus foetidus*. Per. Sun/PtShade. 2½ x 1½'. Winter–Spring.
- 2294**-Green, late winter/early spring blooms. Short-lived perennial, but seeds in so you'll always have them. Germ: SIS. *Squitiere*.
- 2429**-*Bricker*.
- Hel5450** *Helleborus foetidus* (Hungarian form). BEARPAW STINKING HELLEBORE. Per. Sun/PtShade. 2½ x 1½'. Winter–Spring.
- 199**-Greenish flowers with a red edge. Characterized by glaucous foliage and longer, narrower leaf segments. Native near Sopron, Hungary. *Cresson*.
- Hel6000** *Helleborus x hybridus*. Per. PtShade. 1½ x 1½'. Winter–Spring.
- 199**-Yellow blooms. Seed from two plants, may produce some good kids! *Cresson*.
- Hel6850** *Helleborus x hybridus* (red, bright/bowl-shaped). Per. PtShade. 1 x 1½'. Winter–Spring.
- 199**-Bowl-shaped bright red flowers. Particularly attractive flowers that almost glow with an especially lovely compact plant habit. *Cresson*.
- Hel7200** *Helleborus x hybridus* (white, large). Per. PtShade. 1½ x 1½'. Winter–Spring.
- 199**-White. A seedling from German breeder Gisela Schmeiman with particularly large, pure white flowers and buds shaped like roses. *Cresson*.
- Hel7250** *Helleborus x hybridus* (white picotee). Per. PtShade. 1½ x 1½'. Winter–Spring.
- 199**-Nice, white to pinkish flowers with a reddish pink picotee edge and central markings. Originally from Gisela Schmiemann. Comes true from seed but markings and color vary. Germ: Sow immediately in pots or nursery bed; don't expect seedlings until next fall or spring. *Cresson*.
- Hel7800** *Helleborus multifidus* subsp. *istriacus*.
- 199**-Light green blooms. Second generation from wild collected seed in Slovenia. 10-25 leaf segments. *Cresson*.
- Hel7850** *Helleborus niger*. Per. PtShade. 1 x 1½'. Winter–Spring.
- 199**-White flowers. Remarkable for early bloom in January-February, weather permitting. Surprisingly tough. In mild winters, this plant is a spectacle in mid January. In colder years, it will bloom later. Germ: May be a year from seed. *Cresson*.
- Hel8150** *Helleborus niger* 'Potter's Wheel'. CHRISTMAS ROSE. Per. PtShade. 1 x 1½'. Winter–Spring.
- 522**-Lovely, white flowers that fade to pink. *Kushner*.
- Hel8450** *Helleborus odoratus*. Pen. Sun/PtSun. 6–12 x 9–12". Late Winter–Early Spring. Zone 4a–8b.
- 199**-Yellow blooms. One of the species from the former Yugoslavia region that went into the hybrids, contributing yellow pigment. Small greenish-yellow flowers. *Cresson*.
- Hel8600** *Helleborus orientalis* subsp. *guttatus*. LENTEN ROSE. Per. PtShade. 1½ x 1½'. Winter/Spring.
- 199**-White, cream, pink, or maroon flowers, generously spotted. Green nectaries. Seedlings of this group are always of good quality. *Cresson*.
- Hel8700** *Helleborus purpurascens*. Per. PtShade. 1 x 1'. Spring.
- 215**-Slatey blue flowers. This is a species hellebore. Germ: Cycle: Alternate code and warm periods, WMS, CMS until germination, SR. *DeMarco*.
- Hel8750** *Helleborus* 'Raspberry Mousse'. Per. PtShade. 1½ x 1½'. Winter–Spring.
- 215**-Red blooms. Germ: Cycle: Alternate cold and warm period. WMS, CMS until germination, SR. *DeMarco*.
- Hel9800** *Helonias bullata*. SWAMP PINK. Per. Sun/PtShade. 6–12 x 6"; from 12–18 in bloom. Spring.
- 199**-Pink flowers with blue stamens. A cherished native now becoming scarce. Continuously moist soil. Tall spikes of pink flowers. *Cresson*.
- Hem1020** *Heemerocallis* 'Corky'. DAYLILY. Per. Sun/PtShade. 2'. Summer. Zone 4a–9b.
- 84**-Yellow flowers. From hybrid parent, which is my favorite small daylily, with mahogany-striped, yellow flowers. *Bowditch*.
- Hem2650** *Heemerocallis lilioasphodelus*. LEMON LILY. Per. Sun/PtShade. 36 x 12". Spring–Summer.
- 45**-Old fashioned, early, yellow-scented daylily. Makes a good edge for a bed. Germ: NST. Easy to grow. Mine flower as soon as third year. *Bartlett*.
- Hem3100** *Heemerocallis multiflora*. Per. Sun/PtShade. 2–3' x 1–2'. Summer. Zone 4a–8b.
- 45**-Apricot orange flowers. A prolific flowering daylily species to 2'. Flowers August here. Very tough. Very easy. Very long living. Germ: NST. *Bartlett*.
- Hem4000** *Heemerocallis thunbergii*. THUNBERG'S DAYLILY. Per. Sun. 3½ x 3'. Summer.
- 199**-Golden yellow flowers. Blooms in August, later than most hybrids. Foliage holds up all summer. A good landscape plant. From Korean Collection. *Cresson*.
- Heu2800** *Heuchera villosa*. HAIRY ALUMROOT. Per. Sun/PtShade. 1½ x 1'; to 2' in bloom. Late Summer–Fall.
- 2294** -White flowers in late season. Great ground cover. Blooms in Sept. Native. Germ: W. *Squitiere*.
- Heu2850** *Heuchera villosa* 'Autumn Bride'. Per. Sun/PtShade. 1½ x 1'; to 2½' in bloom. Summer.
- 1277**-*Haas*.
- 1607**-*Jellinek*.
- Heu2890** *Heuchera villosa* 'Palace Purple'. Per. Sun/PtShade. 1½ x 1'; to 2' in bloom. Late Summer–Fall.
- 1277**-White flowers. Old standard, but still one of the best. *Haas*.

- 2294-White blooms. Seedlings vary, some will be green. Will seed around. Pull the green ones if undesired. Germ: SS, NST, SIS. *Squitiere*.
- Heu2900** *Heuchera villosa* 'Purpurea'. NATIVE CORAL BELLS. Per. PtShade. 1 x 1'. Summer-Fall.
- 318-Creamy, off-white flower. Takes drought well. *Garnett*.
- Hib0300** *Hibiscus coccineus*. SWAMP HIBISCUS, SCARLET MALLOW. Per. Sun. 5-10 x 3-4'. Summer-Fall. Zone 6-9.
- 817-*Ruhren*.
- 1277-Red flowers. Mine has survived for years in a sheltered spot. Gorgeous. *Haas*.
- 2294-Red, Aug-Sept blooms, winter die back, cut back in spring for fullness. *Squitiere*.
- 2504-Clear red flowers in August-September, with fully segmented petals on hardy, herbaceous plant. Germ: NST. Sow in spring. *Mills, M*.
- 2515-Red blooms. Great perennial for a wet, sunny spot. The red flowers are a showstopper in August and September. *Doblmaier*.
- Hib0350** *Hibiscus coccineus* 'Albus'. WHITE TEXAS STAR HIBISCUS. Shrub. Sun/PtShade. 4-10 x 3-4'. Summer. Zone 6-11.
- 3001-White-flowered form to 6'. Germ: Scfy; W. *Gregg*.
- Hib1850** *Hibiscus militaris*. ROSE MALLOW. Per. Sun/PtShade. 5-6'. Summer.
- 199-Light pink flowers. A native that is ideal for naturalistic plantings, especially in wet soils. Distinctive three-lobed leaves. Long bloom in midsummer. *Cresson*.
- 522-Pinkish white with reddish base. A native hibiscus in damp, marshy areas in the south. Source: Woodlanders Nursery. Germ: Scfy. *Kushner*.
- Hib2000** *Hibiscus moscheutos*. PINK ROSE-MALLOW. Per. Sun. 5+'. Late Summer.
- 2199-Pale pink blooms. Germ: Scfy, Soak: 1 d. *Cherry*.
- Hib2150** *Hibiscus moscheutos* subsp. *palustris*. MARSH MALLOW. Per. 5 x 5'. Summer.
- 199-Pink flowers. Plant in your garden or naturalize in wet areas. Minimally damaged by caterpillars compared to many other species and hybrids. *Cresson*.
- 522-Pink flowers on 4-6' lovely large pink hibiscus. Does best in sun and damp soil. Source: Woodlanders. *Kushner*.
- Hib2800** *Hibiscus trionum*. FLOWER-OF-AN-HOUR, VENICE MALLOW. An. Sun/PtShade. 12 x 6". Summer-Fall.
- 797-Small pale yellow flowers, almost white, with deep wine throat and lacy foliage. Good weaver for pots or border. Self-sows modestly. Germ: BC. *Robinson*.
- Hie0600** *Hieracium pannosum*. HAWKWEED. Per. Sun/PtShade. Summer.
- 199 -Yellow flowers. A unique and attractive hawkweed with wide felty gray foliage, almost like stachys, and yellow daisies in summer. Not a typical hawkweed since it lacks a basal rosette and runners, so is better behaved. Provide a dryish part shade to sunny location. *Cresson*.
- Hip1300** *Hippeastrum papilio*. Bulb. Sun. 1½-2' x 1'. Late Winter-Spring. Zone 8a-10b.
- 45-Larger 'Amaryllis' species. Tender bulb, evergreen, flowers salmon/white in winter. Germ: BH may help; 2 mo. *Bartlett*.
- Hos1300** *Hosta kikutii* var. *yakusimensis*. Per. PtShade/Shade. 1-1½ x 2'. Summer.
- 199-Lavender flowers. One of the most drought tolerant and latest blooming (late September) hostas. Long, narrow, pointed, glossy leaves even look good planted in a dry wall. *Cresson*.
- Hos1630** *Hosta plantaginea*. Per. PtShade/Shade. 18-28 x 36-48". Late Summer.
- 2483-White blooms. Long, very fragrant white trumpets waft their perfume for quite a distance August into September, and hummingbirds love to perch upon them. The main thing to be cautious about is not to plant these along a path between your front door and car, because tiny slugs will transfer from the leaves to your stockings and this does not go down well with one's boss at work. *Barrett*.
- Hos2400** *Hosta tardiflora*. Per. PtShade. 6 x 10; to 8" in bloom. Fall.
- 199-Rich lavender flowers perfectly complement foliage color in October. An elegant species with glossy, dark green, pointed, firm textured foliage. *Cresson*.
- Hos3000** *Hosta venusta*. Per. PtShade/Shade. 1-3 x 6"; to 10" in bloom. Summer-Fall.
- 199-Lavender flowers. A fine dwarf species. Rogue out larger seedlings, which are hybrids. *Cresson*.
- Hyd1300** *Hydrangea anomala* subsp. *petiolaris*. CLIMBING HYDRANGEA. Vine. PtShade/Shade. 30-40 x 40'.
- 3001-White flowers on climbing hydrangea reaching 30', if allowed. Can be kept much smaller. Exfoliating bark for winter interest. Germ: W; L, SS. Germinate "under glass". *Gregg*.
- Hyd1400** *Hydrangea arborescens* subsp. *discolor*. SMOOTH HYDRANGEA. Shrub. Sun/PtShade. 5 x 5'. Summer.
- 199-White flowers. Although delicate and natural in appearance, this lacecap is a tough garden plant, more drought tolerant than most other kinds. This is an especially good form with striking large pure white lacecaps. A gift from Jane Golas years ago and receives prominent location in my garden. *Cresson*.
- 446-White flowers. Good native shrub for mixed border in part shade. My plants grown from HPS/MAG Seed Exchange seeds. *Humphrey*.
- Hyd1450** *Hydrangea arborescens* subsp. *radiata*. SMOOTH HYDRANGEA. Shrub. PtShade. 5-6 x 6-8'. Summer.
- 199-White flowers. A desirable but scarce subspecies distinguished by felted, gray, stellate hairs beneath the leaves that give a silvery appearance. Lacecap flowerheads. Toughness of the species. *Cresson*.
- Hyd1800** *Hydrangea aspera* subsp. *trigosa*, RHSPF. Shrub.

## *Hydrangea heteromalla* – *Hypericum tomentosum*

**3001**-Lavender/white blooms. Probably the least hardy of the *H. asperas*. Zone 7. OK to 10°F--will die to the ground (then re-sprout) at 0 F. Give protection from cold and wind. To 6'. Attractive bark. Blossoms similar to other *H. asperas*. Germ: WMS, Cycle: Start in a sealed container or "under glass". W, L, SS, 30-45d. *Gregg*.

**Hyd2300** *Hydrangea heteromalla*. WOOLLY-LEAVED HYDRANGEA. Shrub. Sun/PtShade. 10 x 10'. Spring.

**199**-Large spreading shrub from the Himalayas with large lacecap flowers in late May-June. Seldom seen in local gardens. 10' tall and wide. Germ: SIS. *Cresson*.

**Hyd2400** *Hydrangea heteromalla Bretschneideri* Group. Shrub. Sun/PtShade. 15 x 10'. Summer.

**199**-Large shrub with large white lacecap flowers in early summer. Similar to *H. heteromalla* but has more pronounced exfoliating bark. From Rick Lewandowski's collection for Morris Arboretum near Beijing, China. So is quite hardy and grows well here. *Cresson*.

**Hyd2500** *Hydrangea hirta*. Shrub. PtShade/Shade. 4'. Late Spring/Early Summer.

**3001**-All fertile, white blossoms. Dark green leaves, deeply incised. Mixes well with *H. arborescens* in the woodland garden. Germ: W; L, SS, 21d. Germinate "under glass". *Gregg*.

**Hyd2600** *Hydrangea involucrata*. Shrub. Sun/PtShade. 4 x 4'. Summer.

**199**-Lavender lacecap. Evenly moist soil. Unique flowers develop in succession summer into fall, blooms July-September. Rough textured leaves. *Cresson*.

**Hyd3600** *Hydrangea quercifolia*. OAKLEAF HYDRANGEA. Shrub.

**2294**-White midsummer panicles. Best four-season shrub. I have several around the property, and gave away more, all self-seeded from the original plant. Don't know variety, but panicles are upright, never flop. *Squitiere*.

**Hyd3700** *Hydrangea sargentiana*. Shrub. PtShade/Shade. 10 x 10'. Summer.

**199**-Large, flat, lacecap flowerheads in July above 8-10" matte rough textured leaves. Rich tan bark peels and flakes attractively. This is the "true" species, probably descended from E.H. Wilson's original introduction. Most "sargentianas" in nurseries are imposters and less dramatic. *Cresson*.

**Hyd4000** *Hydrangea serrata* 'O-amacha Nishiki'. Shrub. PtSun/Shade. 3½ x 3½'. Summer. Zone 6-9.

**199**-Blue blooms. Leaves strikingly variegated with creamy yellow speckles, reddish venation and midrib, and red petioles. Blue lacecap flower heads. Variegation may come true from seed. If not you can make tea from the dried leaves of the variety oamacha as the Japanese do. *Cresson*.

**Hyd4030** *Hydrangea serrata* (early light blue). Shrub. Sun/PtShade. 4 x 4'. Summer/Fall.

**199**-Light blue flowers. Earlier blooming, lighter blue. A much admired color on a well formed, compact plant. Evenly moist soil. This is called *H. macrophylla* var. *megacarpa* by Ohwi in Flora of Japan. It is the predominant wild form on Hokkaido. (*H. serrata* is considered a variety of *H. macrophylla* by some botanists.) *Cresson*.

**Hyd4300** *Hydrangea serrata* (Korean form). Shrub. PtShade/Shade. 3 x 4'. Summer.

**199**-Blue sterile flowers age purplish rose. Blooms June-July. Evenly moist soil. Hardier collecton from which 'Blue Billow' was selected. Fred McGourty reports this hardy in Zone 4. Widens by rhizomes. *Cresson*.

**Hyd4500** *Hydrangea serrata* 'Veerle'. Shrub.

**3001**-Blue lacecaps. Japanese hydrangea with the northernmost distribution. To 4-5'. Leaves more rounded and larger than typical *H. serrata*. Fall foliage color red to maroon. Rarely found in the US. An isolated plant, so probably selfed. Germ: W, SS. *Gregg*.

**Hyd5000** *Hydrangea sikokiana*. Shrub. PtShade/Shade. 4-6'. Late Spring-Early Summer.

**3001**-Large white lacecap inflorescence. From Japan, limited distribution. Requires supplemental water during dry periods. Germ: W; L, SS. Germinate "under glass". *Gregg*.

**Hyp0250** *Hypericum androsaemum* 'Albury Purple'. ST. JOHN'S WORT. Shrub. Sun. 30 x 36". Summer.

**1684**-*Broekhuis*.

**Hyp1250** *Hypericum frondosum* 'Sunburst'. GOLDEN ST. JOHN'S WORT. Shrub. Sun/PtShade. 2-4 x 2-4'+. Summer.

**199**-Yellow blooms. Deciduous native rounded shrub with blue-green foliage and reddish brown exfoliating bark. Large, bright yellow flowers May-June, 3-4 x 3-4'. Sun/PtShade, drought tolerant. Tetraploid cultivar that should come true from seed. *Cresson*.

**2515**-Started this from HPS seed three years ago and it finally bloomed! Well worth the wait with stunning yellow flowers. I grow my plant in wetter soil than most plant descriptions state it should be in. *Doblmaier*.

**Hyp1350** *Hypericum henryi* subsp. *henryi*. ST. JOHN'S WORT. Sun/PtShade. 4 x 5'. Summer/Fall.

**199**-Bright yellow flowers. Large flowers similar to 'Hidcote', but with a taller, graceful, upright, arching habit. Repeats. Admired in England, should be more popular here. *Cresson*.

**Hyp1850** *Hypericum latisepalum*. Shrub. Sun. 5-6 x 5-6'. Summer. Zone 4-8.

**199**-Bright yellow flowers. Rare and spectacular arching shrub with large 2" flowers for over a month. Suffers in hard winters. My plant from seed collected by National Arboretum in Yunnan Province, China as SABE 24A. *Cresson*.

**Hyp2450** *Hypericum tomentosum*. ST. JOHN'S WORT. Per. Sun. 1 x 2'. Summer.

**199**-Yellow flowers. Many small flowers over long time in summer. Gray foliage. Flops in rich soil, but great in poor soil or wall crevice. Plant originally from Tony Avent. *Cresson*.

**Hyp6010** *Hypoxis rooperi*. STAR FLOWER, APE'S ARMPIT. Per. Sun/PtShade. Fall.

**386**-Bright yellow flowers. Never show-stopping color, but sprinklings of flowers all summer and attractive foliage. Likes morning sun. Germ: Self sows in any gravel drive close to parent plant. Hardy in my 7b garden for several years. *Harper*.

**Hys3010** *Hystrix patula* (syn. *Elymus hystrix*). BOTTLEBRUSH GRASS. Per. PtShade/Shade. 12 x 12"; to 3' in bloom. Late Summer.

**2429**-Germ: CMS: 30 d. *Bricker*.

**9980**-Whitish green maturing to brown/buff flowers. *Chanticleer*.

**Ile0200** *Ilex crenata* 'Dwarf Pagoda'. Shrub. Sun/PtShade. 6-8' x 6-10'. Zone 5b-9b.

**3001**-This is seed collected from 'Dwarf Pagoda', and is open pollinated. Has produced some interesting small leaved forms. Faster growing than parent. Size can vary from 1-3' at 5 yr. Two month cold period required. Germ: CMS: 60d. R. *Gregg*.

**Ile0300** *Ilex crenata* 'Sky Pencil'. Shrub. Sun. 6-8' x 1½-2' Zone 5a-8b.

**3001**-Seed from 'Sky Pencil'. Open pollinated. Seedlings can be small to larger leaved, branching can be tightly held to 30-45° offset. All seedlings should be fastigate. Germ: CMS: 60d. Soak: 24d. *Gregg*.

**III1500** *Illicium floridanum*. FLORIDA ANISE-TREE. Shrub. 6-10'. Zone 6-9.

**199**-Red blooms. Good substitute for rhododendrons. Heavy flowering in May, continuing intermittently into fall. *Cresson*.

**Imp1050** *Impatiens balfourii*. An. PtShade. 3 x 2'. Summer-Fall. Zone 9-11.

**239**-Bicolor rose and white blooms. Easy to grow impatiens that attracts hummingbirds. A 3-4' tall annual with a long period of bloom. Flowers are quite ornamental! Germ: NST. *Doering*.

**1999**-Purple and white--bicolor flowers. Loose, open hatbit. Germ: Will self-sow. BC. *Norfolk Botanical*.

**2294**-Blue orchid-colored blooms. Annual, shade, 3', politely reseeds; you want the volunteers! *Squitiere*.

**Imp1150** *Impatiens balsamina*. GARDEN BALSAM. An. PtShade/Shade. 24 x 8". Summer-Fall.

**2294**-Mixed pink, coral, white, and lavender blooms. Annual, sun-part shade, drought tolerant, 15" high. Self-seeds, sometimes aggressively, but easily scraped out. *Squitiere*.

**Imp1200** *Impatiens capensis*.

**3006**-Intensely orange and heavily spotted selection. Collecting these seeds is like catching grasshoppers, so very few seeds. Indigenous seed collected from 21013 zipcode. *Mayer*.

**Imp2000** *Impatiens glandulifera*. HIMALAYAN JEWELWEED, HIMALAYAN BALSAM. An. Sun/PtShade. 3-10 x 1-2'. Summer/Fall. Zone 6-9.

**522**-Pink-pale flowers on a lovely annual that reseeds freely. Maybe too freely in damp places. Succulent-looking with hollow stem. See *Impatiens: the Vibrant World of Busy Lizzies, Balsams, and Touch-me-nots* by Raymond Morgan for photographs and advice. *Kushner*.

**Imp3000** *Impatiens namchabarwensis*. BLUE DIAMOND IMPATIENS, SAPPHIRE JEWELWEED. TenPer. 18 x 18". Fall.

**965**-Germ: NST; BC; BH. *Umphrey*.

**1607**-Blue with yellow throat. Blue to blue-purple flowers on well-branched plants. Blooms until frost. *Jellinek*.

**2294**-Blue orchid-colored blooms. Did wonderfully this year. Blooms late summer. From 2010-11 HPS Seed Exchange. *Squitiere*.

**Ind1400** *Indigofera amblyantha*. Shrub. Sun/PtSun. 4-6 x 6-8'. Spring-Summer-Fall.

**199**-Pink flowers. A graceful shrub that blooms all summer with racemes of tiny flowers among finely textured leaves. *Cresson*.

**239**-Good, delicate pink flowers for most of summer and into fall. Graceful unusual shrub. Germ: Soak 1d; W; BC; 21ds. 190°F water produced best results. SIS. *Doering*.

**Ind2100** *Indigofera pseudotinctoria* 'Rose Carpet'. DWARF FALSE INDIGO. Shrub. Sun/PtShade. 1 x 1½'. Summer.

**199**-Pink flowers. Unique dwarf form descended from wild collection in Korea and selected by Polly Hill. Rarely seen. Good ground cover. Prune hard early spring. Drought tolerant and long blooming. *Cresson*.

**Inu2370** *Inula helenium*. ELECAMPANE. Per. Sun. 1 x 1'; from 6-8' in bloom. Spring-Summer.

**943**-*Thomas*.

**2517**-Yellow flowers with many rays, Thrives in moist soil but can withstand dry also. Per. 3-5 x 2', Sun to PtShade. *Weaver*.

**Imp2350** *Ipomoea lobata* (syn. *Mina lobata*). SPANISH FLAG. An. Vine. Sun. 15-20'. Summer/Fall.

**797**-*Robinson*.

**817**-Annual vine. A most un-morningglory-like Morning Glory. Slender tubular flowers in a feather-like arrangement--start out cream, mature through yellow to orange in fall. This one bloomed early enough to mature seed. *Ruhren*.

**Imp2950** *Ipomoea quamoclit*. CYPRESS VINE, STAR GLORY. An. Vine. Sun. 6-20'. Summer.

**446**-Red flowers. Regular pruning keeps plants neat. Great hummingbird flowers. Germ: Soak 12hrs; W, 7d. *Humphrey*.

**Imp3300** *Ipomoea purpurea* 'Kniola's Purple-Black'. MORNING GLORY. An. Vine. Sun. 10'. Summer.

**2483**-Dark blue-purple blooms. As JL Hudson predicted, the ivory center continues widening over the generations. This flower is not for those able to maintain neat and tidy gardens. But if you have a let-er-rip type of garden, whose inmates freely duke it out among themselves, this flower is for you. Germ: Quite the self-sower in my Zone 7 garden, but all is forgiven for its exuberance in flowering up to frost. *Barrett*.

**Ipo3400** *Ipomoea sloteri*. An. Vine. Sun. 3-10' x 6-9". Midsummer-Late Fall. Zone 5a-8b.

1990-Ploeg.

**Ipo3500** *Ipomoea* species. An. Vine. Sun. 15 x 6'. Summer–Fall.

797-Dark purple flowers. *Robinson*.

**Ipo5010** *Ipomopsis rubra*. STANDING CYPRESS, SCARLET GILIA, SKYROCKET. An./Bien. Sun/PtShade. 6" spread; 2–3' in bloom. Spring–Summer.

199-Scarlet-salmon flowers. Tall spike with feathery foliage. After mild winter, fall germinating seed blooms in spring. More often, spring germination blooms late summer. Allow to self-sow. *Cresson*.

446-Red flowers. Single upright stems covered with tubular red flowers. Attracts hummingbirds. Sow in pots early to grow as an annual. Germ: NST; C or W, 14d. *Humphrey*.

1277-Red flowers. Self-sows, but is not obnoxious. Beautiful ferny foliage and lovely red blooms. Likes it hot and dry. A hummingbird magnet. *Haas*.

**Iri0750** *Iris chrysographes*. BLACK IRIS. Per. Sun. 18–24".

647-Black, elegant flower; related to Siberian iris with same cultural requirements. Germ: Scfy, WMS: 30d, CMS: 30d. Warm stratification, followed by cold stratification. *Mirick*.

**Iri1000** *Iris douglasiana*. DOUGLAS IRIS. Per. Sun. 9 x 12" to 15" in bloom. Summer, repeat bloomer.

1277 -Purple shades of flowers. Perennial; 36". Germ: CMS 90ds. *Haas*.

**Iri1050** *Iris domestica* (syn. *Belamcanda chinensis* ). BLACKBERRY LILY LEOPARD LILY. Per. Sun/PtShade. 1½–3 x 1–4'; from 2–4' in bloom. Summer. Zone 4–10.

65-Orange flowers; black seed heads. Easy. Germ: NST. *Berger*.

199-Orange-yellow, spotted with maroon flowers. Three feet tall, branched stems with many spotted yellow-orange flowers in midsummer. Seedpods split to reveal round black seeds that hold into late fall. *Cresson*.

522-Kushner.

554-Orange/yellow blooms. Beautiful spotted flowers with pods that open up to reveal the black seeds, hence the common name. *Levine*.

1684-What used to be called *Belamcanda chinensis*. Germ: My germination results are inconsistent--sometimes bottom heat seems helpful, other years it's not. 50d. *Broekhuis*.

2294 -Yellow/orange flowers. Foliage good through season, seeds in. *Squitiere*.

2483-Orange blooms. *Barrett*.

**Iri1060** *Iris domestica* 'Hello Yellow' (syn. *Belamcanda chinensis* "Hello Yellow"). YELLOW BLACKBERRY LILY. Per. Sun/PtShade. 1 x 1'. Summer.

522-Lovely, clear yellow flowers. *Kushner*.

**Iri1450** *Iris ensata* (purple). Per. Sun. 3½ x 3½'. Summer.

199-Single blue-purple flowers. Much admired flowers with falls veined in purple. Moist soil. *Cresson*.

**Iri1750** *Iris ensata* (white, single). Per. Sun. 3'. Summer.

199-Pure white, single, flat flowers. Prefers moist soil. *Cresson*.

**Iri2200** *Iris foetidissima* var. *citrina*. STINKING GLADWYN. Per. Sun/PtShade. 3'. Spring.

199-Yellow flowers in May. Primary feature is the pods, which open in October and November to display bright orange seeds. Evergreen foliage. Likes dry shade! Rare, yellow form much more attractive than the normal form with lavender-brown flowers. Perfectly hardy here since 1990. *Cresson*.

**Iri2500** *Iris graminea*. Per. Sun/PtShade. 8–12 x 12". Spring.

199-Purple and violet flowers. A dwarf spuria iris with attractive veining on flowers. Blooms in May. Fruity scent. Native to Europe. *Cresson*.

**Iri3300** *Iris pseudacorus*. YELLOW FLAG IRIS. Per. Sun. 2 x 2'; to 3' in bloom. Spring.

1020-Yellow flowers. Good native for damp areas. Very vigorous. Germ: NST. *Wiedorn*.

2515-Yellow flowers on a vigorous, native plant. Likes wet soils. *Doblmaier*.

**Iri3600** *Iris* 'Red Dazzler'. HYBRID LOUISIANA IRIS. Per. Sun/PtShade. 18–36 x 12–24". Summer.

199-Red flowers. This *I. fulva* hybrid is probably the best red. Prefers moist soil in sun to part shade. *Cresson*.

**Iri4400** *Iris sibirica*. SIBERIAN IRIS. Per. Sun. 3 x 3'. Early Summer. Zone 3+.

1684-The common blue form of this very useful perennial. *Broekhuis*.

**Iri5750** *Iris sintenisii*. DWARF SPURIA IRIS. Per. Sun/PtShade. 8–12 x 12". Spring.

199-Blue flowers. Looks like a miniature Siberian iris. *Cresson*.

**Iri5850** *Iris* species. Per. Sun. 3 x 2'. Late Spring–Early Summer.

1277-Dark blue purple. Less than 1' tall; I believe this to be *Iris pumila*; sets seed every year. I grow plants which are robust and bloom fairly quickly. Germ: CMS, OW. *Haas*.

**Iri6300** *Iris tectorum*. JAPANESE ROOF IRIS. Per. Sun/PtShade. 12 x 36; to 18" in bloom. Spring.

522-Lavender flowers. Even when not in bloom, a worthy plant. Strong foliar presence. *Kushner*.

554-White or blue blooms. Beautiful iris for bright shade. Both white and blue plants are in our garden, so plants may bloom in either color. *Levine*.

817-Blue or white blooms. Even more valuable for its foliage. Shade-loving iris. *Ruhren*.

**Iri6400** *Iris tectorum* 'Alba'. JAPANESE ROOF IRIS. Per. Sun/PtShade. 12 x 12". Spring.

522-White flowers. *Kushner*.

2429-Bricker.

**Iri6500** *Iris tridentata*. Per. Sun/PtShade. 15". Summer.

199-Lavender flowers. July blooming. Thrives in wet soil or shallow water. Native species and one of latest to bloom. Rhizomatous. Young foliage purple in spring is much admired. *Cresson*.

**Isa1050** *Isatis tinctoria*. DYER'S WOAD. Bien./Per. 3–4'. Late Spring

703-Yellow blooms on a biennial or short-lived perennial. *Ondra*.

- Ite1000** *Itea virginica*. VIRGINIA SWEETSPIRE. Shrub. Sun. 3–5 x 10'. Early Summer.  
**1939-Urffer**.
- Kal1050** *Kalimeris incisa*. BLUE STAR ASTER. Per. Sun/PtShade. 2 x 1'. Late Summer–Fall.  
**84**–Long season of lavender blooms, summer into early fall. *Bowditch*.  
**239**–Lavender blooms through most of summer into early fall. Very dependable and ornamental for a long time! Germ: CMS; BH; BC. *Doering*.
- Kei1000** *Keiskeia japonica* var. *hondoensis*. Per. PtShade. 24–36 x 18–24". Summer/Fall.  
**199**–White flowers. Rare Japanese native for lightly shady woodland location. 2–3' tall with clean, green foliage, numerous flower spikes Sept–Oct. Mint family with scented foliage. Zone 5 hardiness. *Cresson*.
- Kir1100** *Kirengeshoma palmata*. YELLOW WAXBELLS. Per. PtShade. 4–6 x 2½–3'. Summer–Fall.  
**3001**–Yellow flowers on hydrangea relative. Nice addition to the woodland garden. Germ: CMS: 30d. *Gregg*.
- Kit1010** *Kitaibela vitifolia*. Per./Shrub. 2 x 3'; from 4–5' in bloom. Spring–Summer.  
**1684**–Creamy white bloom. Mallow with large angular leaves on somewhat unwieldy, mostly upright plants (to 4' in our garden), with lots of five-petaled cup-shaped white flowers. Germ: Scfy. *Broekhuis*.
- Koe1000** *Koelreuteria paniculata*. GOLDEN RAIN TREE. Tree. Sun. 30–40 x 30–40'. Summer.  
**45**–Pleasant small tree, flowers yellow in summer, decorative with inflated seed pods in autumn. Good tree for a too small house. Germ: CMS: 40 d. *Bartlett*.  
**355**–Yellow flowers. Golden rain tree, pride of India, China tree, or varnish tree. *Greenwood*.  
**1277**–Yellow flowers on small tree. *Haas*.
- Lab1060** *Lablab purpureus albus*. HYACINTH BEAN. An. Vine. Sun. 9+'. Summer–Fall.  
**2294**–White blooms. Germ: BC, NST, SIS. Sow direct after frost threats. *Squitiere*.
- Lat0010** *Lathyrus aureus*. TenPer. Sun/PtShade. 18–24 x 12–15". Late Spring–Early Summer. Zone 7a–9b.  
**1607**–Hardy perennial sweet pea on a non-climbing, bushy plant. Spikes of coppery orange pea flowers in early summer. Rarely available commercially because seed can be erratic to germinate. Germ: Scfy, Soak, W. Germination can be erratic. *Jellinek*.
- Lat0050** *Lathyrus latifolius*. EVERLASTING PEA, PERENNIAL PEA. PerVine. Sun/PtShade. 6–9'. Summer–Fall.  
**522**–Pink. I love annual *Lathyrus odoratus*, but it peters out in the heat. This sweetpea never disappoints as it rambles along fences or through spent perennials. Germ: Scfy or soak in tepid water overnight; D; W/C, 14 d; Sow ASAP. Armitage says seeds sown in spring may not bloom until next year. Transplant when seedlings reach 3–5 leaf stage. *Kushner*.
- Lat2000** *Lathyrus sativus*. An. Vine. Sun. 4 x 2'. Summer  
**703**–Blue flowers on annual. Height to 2' with support. Flowers in early to midsummer. *Ondra*.
- Lat2500** *Lathyrus tingitanus*. TANGER PEA. An. Vine. Sun. Summer.  
**703**–Deep pink flowers on annual vine. Height to about 8'. Flowers early to midsummer. *Ondra*.
- Lat2650** *Lathyrus vernus*. SPRING VETCH. Per. PtShade. 12–15 x 15". Spring.  
**446**–Bushy perennial to 1 x 1'. Very early spring pea flowers cover plant. Very long lived. Germ: Nick seed and soak for 12 hr, then sow warm. *Humphrey*.
- Lav1200** *Lavandula multifida* 'Spanish Eyes'. TenPer. Sun. 18–24 x 24". Summer. Zone 7a–10b.  
**9976**–Lilac purple blooms. Non-hardy lavender grown as an annual NOT for the fragrance, but for the constant bloom from spring to frost. Wonderful silver feathery foliage topped by numerous flower stalks 1–2' high that continue to elongate and flower in an interesting spiral pattern. Can cut back hard and will continue to bloom. Reliable bloomer for seasonal displays and drought tolerant. Germ: C, BC, NST. 14d. *Wave Hill Gardeners*.
- Lav1300** *Lavatera cachemiriana*. TREE MALLOW. An./Short-lived Per. Sun/PtShade. 8 x 4'. Summer.  
**1684**–Large perennial (tender according to some sources, but overwinters for us) covered in subtly striped pink mallow flowers in summer. Self-seeds. Germ: Scfy. *Broekhuis*.
- Leo4000** *Leonurus sibiricus*. SIBERIAN MOTHERWORT, HONEYWEED. Per. Sun. 4–6'. Midsummer.  
**118**–Pale pink blooms. Biennial to 6'. Branching stems heavy with small, tubular blooms in dense, axillary whorls. Pinnately divided, deep veined, dark green leaves. Small black nutlets follow. Germ: SS, NST. *Stonecrop Gardens*.
- Les1240** *Lespedeza bicolor*. BUSH CLOVER. Shrub. Sun. 3 x 3'. Summer.  
**1277**–Magenta flowers, 3–6'. *Haas*.
- Les1300** *Lespedeza bicolor* 'Island Dwarf'. Shrub. Sun. 3 x 3'. Summer.  
**199**–Light pink flowers. Dwarf form collected on island of Yakushima, Japan. Introduced by Barry Yinger. Good for rock garden. Drought tolerant. Repeats. *Cresson*.
- Les2190** *Lespedeza thunbergii*. THUNBERG LESPEDEZA, BUSH CLOVER. Shrub. Sun. 6 x 5'. Summer.  
**1684**–Purple flowers. A dieback shrub. Re-emerges in spring with fresh, slightly blue-green foliage from near the base of the plant. Lots of flowers in late summer. Germ: NST; BH; 3–10d. *Broekhuis*.
- Leu1230** *Leucojum aestivum* 'Gravetye Giant'. SUMMER SNOWFLAKE. Bulb. Sun/PtShade. 1½–2½ x 1–1½'. Spring. Zone 4–8.  
**2294**–White and green blooms. Hardy bulb, amaryllis family. Critters don't eat, late spring bloom. *Squitiere*.
- Leu4010** *Leucosceptrum stellipilum*. Per. PtShade. 1½ x 1½'. Fall.  
**199**–Spikes of lavender flowers in October. Bushy Chinese woodlander. Tolerates dry shade. *Cresson*.
- Lev1050** *Levisticum officinale*. LOVAGE. Per. Sun. 3 x 2'; to 6' in bloom. Summer.

- 1684-Yellow flowers. Whole plant is strongly scented, like curried celery. Fresh green foliage in spring and fall; tall stalks with flowers in umbels in summer. Germ: NST; L; W, 1-2wks. *Broekhuis*.
- 2294-Yellow blooms. Perennial, herb, strong celery taste, dramatic, to 6'. *Squitiere*.
- Lia2250** *Liatris scariosa* subsp. *nieuwlandii*. NIEUWLAND'S BLAZING STAR. Per. Sun. 36 x 18". Late Summer-Fall.
- 1684-Pink flowers. Grown from seed of the 2010-11 Seed Exchange. Germ: W; NST; 45d. *Broekhuis*.
- Lia2350** *Liatris scariosa* var. *novae-angliae*. NEW ENGLAND GAYFEATHER. Per. Sun. 15 x 15". Late Summer.
- 199-Reddish purple flowers. A little known species native to the coastal regions of New England with promising attributes as a garden plant. Short and attractive. *Cresson*.
- Lia2500** *Liatris spicata*. BLAZING STAR, GAYFEATHER. Per. Sun/PtSun. 2-5 x 1½'. Summer-Fall.
- 239-Deep pink. Strong plant. Great vertical accent for perennial garden. Long lasting. Germ: CMS; OW; BC; 2 yr? Best to sow in fall in mesh-covered container and place in safe place or cold frame. May take 2 yr to germinate. *Doering*.
- 1684-Purple-pink flowers. Self-seeds marvellously in our garden, so that grand colonies of the fluffy flower spikes light up our borders in midsummer. *Broekhuis*.
- 2294-Purple spikes. Native perennial, sun. From 2010-11 HPS Seed Exchange. *Squitiere*.
- 2517-Per. Sun/PtSun. 2-5 x 1 1/2'. summer-fall. Prefers moist soil but tolerant of harsh growing conditions, such as poor soil, drought, and heat. Good vertical accent for perennial gardens. Germ: NST. *Weaver*.
- Lig0010** *Ligularia* 'Britt Marie Crawford'. Per. Sun/PtShade. 3¼'. Midsummer-Early Fall. Zone 4-8.
- 1580-Orange-yellow blooms. Round maroon foliage forms a mound 3 x 4' wide. Blooms in late summer. Prefers part to full shade and moist soil. Deer resistant. Germ: C, SS; NST, SIS; 42d. *Romenesko*.
- Lig0030** *Ligularia dentata*. GOLDEN GROUNDSEL. Per. Sun. 3-5 x 3'. Summer.
- 1277 -Yellow flowers. Shade; 48". Germ: I have never been able to germinate this seed. Let me know if you manage to do it and how. *Haas*.
- Lig1050** *Ligularia fischeri*. Per. PtShade/Shade. 5 x 3'. Fall.
- 199-Yellow daisy flowers in spikes above large green kidney-shaped leaves come as a delightful surprise at end of summer. Keep constantly moist and out of hot sun. Japanese native, also Korea, China, Siberia. *Cresson*.
- Lil0400** *Lilium amabile* var. *luteum*. Bulb. PtShade. 36-48 x 6-9". Late Spring-Midsummer. Zone 5a-10a.
- 45-Yellow flowers on a long-living lily species. Epigeal immediate germination. A pleasant yellow Turk's cap flower. Germ: NST. 2 mo. *Bartlett*.
- Lil1700** *Lilium formosanum*. FORMOSA LILY, TAIWAN LILY. PerBulb. Sun/PtShade. 6-8 x 1½'. Late Summer-Fall. Zone 6+.
- 446-White. May bloom first year from seed sown in January or February. Germ: W, 30d. *Humphrey*.
- 543-White trumpet-shaped blossom with burgundy throat on 5-6' lily. Will bloom first summer from seed if sown early. Germ: W; NST. *Leasure*.
- 817-Solid white, no burgundy on outside. Otherwise identical. 6-7'. August-blooming white trumpets. Quick from seed. *Ruhren*.
- Lil2340** *Lilium leucanthemum* var. *centrifolium*. Bulb.
- 45-White/yellow blooms. Dark keels. An Asian lily much like *L. regale*, but as much as 8' tall with as many as 40 flowers. Hypogeal immediate germination. Three yr to flower? Germ: NST. 2 mo. *Bartlett*.
- Lil2800** *Lilium martagon* hybrids. TURK'S CAP LILY, MARTAGON LILY; MOUNTAIN LILY. PerBulb. Sun/PtShade. 3-5'. Summer.
- 199-Yellow, orange, or pink blooms. Down-facing turks-cap lilies for bright shade. June bloom. Drought tolerant in late summer. *Cresson*.
- Lil3300** *Lilium regale*. PerBulb. Sun/PtShade. 3-4 x 1'. Summer.
- 45-Blooms with white/yellow interior, dark exterior. Easy trumpet lily species. Epigeal immediate germination. Lots of seed, grow a clump, flowers in 3rd or 4th year. Germ: NST. *Bartlett*.
- Lil3380** *Lilium* species. PerBulb. 1½-10 x 1½'.
- 2483-White blossoms with crimson dots, stripe, and blushing at middle of petals. Height was 6'+, and new stalks and leaves were a very dark maroon; they eventually bent down over the hill and created a shower of recurved and twisted flowers over the perennials above which they rose. *Barrett*.
- Lim1050** *Limonium latifolium*. Per. 1 x 2"; to 21" in bloom.
- 647-Blue blooms. Airy mass of tiny flowers; good for dried arrangements; full sun, good drainage. Germ: W, NST. *Mirick*.
- Lil1250** *Linaria purpurea*. TOADFLAX. Per. Sun/PtShade. 2-3 x 1½-2'. Summer-Fall.
- 1026-Purple and pink. Blooms all season. Self-sows in just the right spots. *Wilkinson*.
- Lil1510** *Linaria purpurea* 'Canon J. Went'. TOADFLAX. Per. Sun/PtShade. 2-3 x 1'. Summer-Fall.
- 1277-Purple or pink flowers. *Haas*.
- Lin3000** *Lindera angustifolia*. ASIAN SPICE BUSH. Shrub. PtShade. 6-8 x 6-8'.
- 1865-Yellow flowers. Good fall color. Germ: Soak in water with mild detergent for 1wk, WMS 1mo, then CMS 3mo. *Bennett*.
- Lin3100** *Lindera angustifolia glauca*. ASIAN SPICE BUSH. Shrub. PtShade. 6-8 x 6-8'.
- 2294-Insignificant blooms. Hardy shrub, fantastic fall foliage, buff/tan leaves retained all winter, mine had many berries this season. *Squitiere*.
- Lob1250** *Lobelia cardinalis*. CARDINAL FLOWER. Per. Sun/PtShade. 1-3 x 1+'. Summer-Fall.

- 239**-Red flower spike. Plant does best in moist sunny areas. Germ: BH; BC; NST. Do not allow germinating seed to dry out. Open pollinated. *Doering*.
- 318**-Red flowers. Germ: SIS. *Garnett*.
- 446**-Bright red. Hummingbird flower. Great in moist soil and sun. Germ: NST, 4-7d. *Humphrey*.
- 1277**-Red flowers. Likes sunny, moist conditions but will take shade also. Hummingbird's favorite plant. *Haas*.
- 1607**-Bright red flowers attract hummingbirds. Prefers sunny, moist conditions, but also does well in my drier garden in part sun. *Jellinek*.
- 2294**-Red blooms. The holy grail of hummingbird attractors. Perennial, moist sunny areas. From 2010-11 HPS Seed Exchange. *Squitiere*.
- Lob1750** *Lobelia siphilitica*. GREAT BLUE LOBELIA. Per. Sun/PtShade. 2-4 x 1'. Late Summer-Fall.
- 65**-Blue flowers. *Berger*.
- 1277**-Dark blue flowers. Germ: CMS 3mo. *Haas*.
- 1585**-Mostly blue, some white flowers. Biennial in my garden. *Scofield*.
- 1934**-Blue flowers. US Native, 2-3' tall. Prefers moist, fertile, humus soil; tolerates clay well. Useful for sun-part shade border, streamsides, pond banks, wild garden. Blooms August-September. Germ: OW, SIS. *Smyth*.
- 2294**-Blue flowers. Late summer perennial, bees love, native. Reseeds. *Squitiere*.
- 2483**-Blue flowers. Germ: CMS 3mo; R; SS; Cycle: 40°F 3mo, 70°F 1mo. Easiest when winter sown: www.wintersown.org/wseo1. *Barrett*.
- Lob1800** *Lobelia siphilitica* 'Alba'. WHITE LOBELIA. Per. Sun/PtShade. 1½ x 1"; from 2-3' in bloom. Late Summer-Fall.
- 1684**-White blooms. The white-flowering form of this native perennial comes true from seed, for the most part. Germ: W; L. *Broekhuis*.
- Lom1000** *Lomatium californicum*. Per. PtShade/Shade. 1-2' x 6-12". Summer.
- 446**-Yellow, in many-flowered umbels. Perhaps the largest lomatium, to 3' from deep root. Fragrant foliage. Spring bloom. Plants die away in summer. *Humphrey*.
- Lon2000** *Lonicera periclymenum* 'Scentsation'. Vine. Sun/PtSun. 10' x 5". Summer-Fall. Zone 4-9.
- 199**-Creamy white flowers. This cultivar was selected for improved fragrance so seedlings should be also. Heavy bloom in May and intermittently through summer. Red berries in fall. Twining vine to 15'. *Cresson*.
- Lon2900** *Lonicera tragophylla*. HONEYSUCKLE. Woody Vine. Sun. 20". Mid- late Summer.
- 199**-Deep golden yellow blooms. Very showy clusters of large flowers in May-June. Vigorous twining vine. *Cresson*.
- Lud1000** *Ludwigia alternifolia*. SEED BOX, RATTLEBOX.
- 2515**-Small yellow flowers can be found on this wet soil plant. The seeds give rise to its common name; they are square. *Doblmaier*.
- Lun0050** *Lunaria annua*. MONEY PLANT, HONESTY. Bien. Sun/PtShade. 3 x 1'. Spring.
- 2483**-Purple flowers. Biennial; fragrant; bees, butterflies, birds. Germ: NST; W; 14d. Can be winter sown: www.wintersown.org/wseo1. *Barrett*.
- Lun2050** *Lunaria annua* var. *albiflora* 'Alba Variegata'. VARIEGATED MONEY PLANT, HONESTY. Bien. Sun/PtShade. 3 x 1'. Spring.
- 199**-White flowers. White-edged leaves. Variegation fades in summer heat. May germinate green, but will become variegated in spring. *Cresson*.
- Lun2500** *Lunaria annua* var. *albiflora* 'Variegata'. VARIEGATED MONEY PLANT. Bien. Sun/PtShade. 3 x 1'. Spring.
- 797**-Germ: BC; SIS. *Robinson*.
- Lup2050** *Lupinus perennis*. PERENNIAL LUPINE. Per. Sun. 2-3'. Spring-Summer.
- 9980**-Blue to violet flowers. Blooms the second spring from seed. Native. Germ: Scfy; 5d. *Chanticleer*.
- Lyc2750** *Lychnis cognata*. Per. Sun. 2½-3 x 1-1½'. Summer.
- 199**-Cantaloupe-orange flowers. Goes well with other fruit-colored flowers such as 'Stella d' Oro'. Reblooms some if deadheaded. Sprawling habit, but can be pinched. Native to Korea. A reliable perennial. *Cresson*.
- Lyc3050** *Lychnis coronaria*. ROSE CAMPION, CATCHFLY. An./Bien./Short-lived Per. Sun/PtShade. 2-3 x 1-1½'. Summer. Zone 4-8.
- 199**-I consider this an essential component of the early summer garden with felty grey foliage and magenta flowers. Self-sown seedlings easily relocated fall or spring. *Cresson*.
- 1277**-Magenta flowers. Nice silvery foliage and bright flowers. Self-sows but not a problem. *Haas*.
- 2294**-Hot pink/magenta blooms. Biennial. *Squitiere*.
- 2515**-Hot pink blooms, silver foliage. *Doblmaier*.
- Lyc3250** *Lychnis coronata* 'Orange Sherbet'. Per. Sun/PtSun. 12-18 x 12-15". Late Spring-Midsummer. Zone 5a-9b.
- 199**-Orange blooms. Clumps of rounded habit, 1 x 1'. Long bloom time since it is reputedly sterile, but did produce this seed. Good early to midsummer bloom display over light green foliage. Unlike many *Lychnis*, a good perennial. *Cresson*.
- Lyc5000** *Lycopersicon esculentum* 'Polish Linguisa'. An. Sun. 36-40 x 24-36".
- 199**-Yellow blooms. Not just any tomato, but the best heirloom! A large paste variety with virtually no juice, that is so flavorful and sweet that we eat them all fresh; superb on a sandwich, in salads and omelettes. Of course you could try it on pasta too. You'll be a convert! Indeterminate. *Cresson*.
- Lyc9500** *Lycoris sanguinea*. Bulb. Sun. 20". Summer.
- 522**-Apricot/orange blooms. Am not sure if this is *L. s.* var. *Kuisiana*. See Pacific Bulb Society's photographs descriptions and propagating suggestions. Can take 5 yr to bloom from seed. Germ: SR. *Kushner*.
- Lys1100** *Lysimachia ciliata*. FRINGED LOOSESTRIFE. Per. Sun/PtShade/Shade. Late Spring-Midsummer.

2294-Yellow on burgundy foliage. Summer bloom, native, TOUGH perennial. Mine are thriving in evergreen dry shade, next to trunk of mature white pine, which is probably the best location to keep it under control. Spreads by thick root system. Plant in only wilder areas, NOT for controlled gardens. Foliage goes to green late in season, some fall color. *Squitiere*.

**Lys1750** *Lysimachia minoricensis*. Bien. Sun. 1 x 3; to 12–15” in bloom. Summer.

199-White flowers. This endemic of the South island of Menorca is now extinct in the wild but has shown remarkable adaptability to gardens. A biennial forming rosettes of attractive white veined leaves, then a single stem with small white flowers. Persists by self-sowing, especially among rocks. Easy and nice, always attracting attention. Help save this rare species. *Cresson*.

**Mag1220** *Magnolia grandiflora* ‘Bracken’s Brown Beauty’. Tree. Sun/PtShade. 40–50 x 30–40’. Midspring, reblooms through Fall.

3001-Broad leaf evergreen to 25-50’ with age. One of the most cold hardy grandifloras, Zones 6-9. Relatively fast growing. Seeds moist packed. Needs 3-4 mo cold. Germ: CMS: 90 d. R. *Gregg*.

**Mag1250** *Magnolia grandiflora* ‘Edith Bogue’. SOUTHERN MAGNOLIA. Tree. 30 x 20’. Summer.

3001-White blooms. Broadleaf evergreen to 40-60’ with age. Pyramidal. Probably the most cold hardy grandifloras, Zones 6-9. Relatively fast growing. Seeds moist packed. Needs 3-4 mo cold. Germ: CMS: 90d. *Gregg*.

**Mag2010** *Magnolia stellata*. Tree. 15–20 x 10–15’.

926-Spreading small tree with deliciously fragrant white flowers. Germ: Soak seeds in warm water until skin can be peeled off, then CMS 3mo. *Streeter*.

**Mag5050** *Magnolia virginiana*. SWEETBAY MAGNOLIA, VIRGINIA MAGNOLIA. Shrub/Tree. Sun/PtShade. 28 x 20’. Summer–Fall.

522-*Kushner*.

926-Ivory flowers. Very fragrant. Leaves have silver undersides. Germ: Soak seeds in warm water until skin can be peeled off, then CMS 3mo. *Streeter*.

1939-*Urffler*.

**Mal3300** *Malva trimestris*. An. Sun. 18–24 x 15–18”. Midsummer–Early Fall.

703-Pink blooms on annual. Height 2-4’. Large, single pink flowers in summer. *Ondra*.

**Man2100** *Manfreda virginica*. Per. Sun. 2 x 2–4’; to 6’ in bloom. Summer.

446-Greenish. An interesting succulent for an open, sunny spot. Can’t compete with lush growing plants. Flowers apetalous, but sweetly fragrant in the evening. S.E. U.S. Germ: W, 21d, but may vary. *Humphrey*.

**Mar1150** *Marrubium incanum*. SILVER HOREHOUND. Per. Sun. 1½ x 2’. Summer.

199-White blooms. Hairy grey-green foliage. Spikes of small white flowers in June-July. Plants are 16” tall, sprawling to a bit wider. Requires good drainage and sun. From Italy and the Balkans. *Cresson*.

**Mec0050** *Meconopsis cambrica*. WELSH POPPY. Per. PtShade. 1½ x 1’. Spring–Fall.

199-Orange flowers. Prolific bloom May-June, then repeats through fall if deadheaded. Likes to seed into walls that face north and west. Cool conditions preferred. Lovely with candelabra primroses in June. Germ: SIS or sow into pots placed outside. May not germinate first year. *Cresson*.

**Mim3550** *Mimulus ringens*. Per. Sun/PtShade. 2–4 x 1’. Summer.

2515-Lovely lilac-purple flower color. Great plant for the wet areas of the garden. *Doblmaier*.

**Mir1400** *Mirabilis jalapa* ‘Limelight’. FOUR O’CLOCK. An./TenPer. Sun. 2’. Summer.

554-Magenta blooms. Prolific bloomer with chartreuse foliage. Hardy in our garden, and self-sows to a fault. *Levine*.

627-Chartreuse foliage and hot pink flowers?quite a show-off in the garden. For those who love bold colors! Germ: NST. *McShane*.

2294-Fuchsia-colored flowers. Reseeds, foliage sometimes streaked?interesting. *Squitiere*.

2937-Easy to grow, lemon-lime foliage with rose blooms. *Bittmann*.

**Miy1000** *Miyamayomena savatieri*.

199-White flowers. Long blooming sprays of daisy flowers with yellow centers in late summer. Rhizomatous perennial adaptable to most soils, including poorly drained in Sun/PtShade, 2-3’ tall. *Cresson*.

**Mol0500** *Molinia caerulea* subsp. *arundinacea* ‘Skyracer’. PURPLE MOOR GRASS. Grass. Sun. 6–8 x 2–4’. Zone 5–8.

2937-2-3’ clumps of foliage with 6’ airy bloom stalks. Nice yellow fall color. *Bittmann*.

**Mol1050** *Moluccella laevis*. BELLS OF IRELAND. An. 2–3’. Summer.

592-Lilac blooms upstaged by enlarged green calyces. Nicely structural, great bouquet/drying. Self-sows acceptably. Will transplant young but prefers not to. Deer/woodchuck let it be. Germ: NST. *Malocsay*.

**Mon1080** *Monarda bartletti*. BARTLETT’S BEE BALM. Per. Sun/PtShade. 30 x 20”. Summer.

1020-Magenta flowers. *Wiedorn*.

**Mor3000** *Moricandia arvensis*. Bien. TenPer. 24–36 x 12–18”.

386-Blue flowers. Lovely filler for lightly shaded spot. Long flowering period in spring. Germ: Self sowing. Sprinkle seed where you want it to grow. Ideally in late summer/early autumn. *Harper*.

**Muh0100** *Muhlenbergia capillaris*. Grass. Sun. Zone 5–9.

2294-Pink, airy, open bloom. Native grass, 2-3 x 2-3’. Tolerates poor soils & drought. Very showy fall color. Plant with something pink, like self seeded *Celosia* ‘Pink Famingo’. *Squitiere*.

**Nan1050** *Nandina domestica* var. *leucocarpa*. Shrub. Sun. 6 x 5’. Summer.

199-Just like the species, but fruit is light yellow and foliage is green instead of reddish. Lovely next to the red form. *Cresson*.

**Nel0500** *Nelumbo lutea*. Per. Sun. 3–6 x 3–4’. Summer. Zone 4–10.

- 2199**-Pale yellow blooms. Eastern US native. Hardy to Zone 4. Bloom time June to July. Germ: Scfy, Soak, W. *Cherry*.
- Nel1000** *Nelumbo* species. LOTUS. AquaticPer. Sun. 5–8 x 4–8". Summer. Zone 5–10.
- 1114**-Flower color is a surprise! Worshiped by people around the world, the sacred lotus is a true show stopper. Grower must have patience. Germ: Scfy; CMS: 30-40 d; BH; SS; NST. Scarify just before sowing. *Aquascapes Unlimited*.
- Nic0300** *Nicotiana alata*. An. Sun/PtShade. 5 x 1'. Summer.
- 2294**-Wine/magenta flowers, 2-3' tall in bloom. Annual. Germ: SS, NST, SIS. *Squitiere*.
- Nic0600** *Nicotiana langsdorffii*. FLOWERING TOBACCO. An. Sun/PtShade. 1–2 x 1"; from 2–5' in bloom. Summer.
- 797**-Lime green/chartreuse flowers born in tall, graceful wands. Self-sows. Germ: BC; SIS. *Robinson*.
- 2294**-Apple green blooms. Annual, late summer bloom if seeds are scattered. Bold foliage, long panicles of blooms. Very nice plant. *Squitiere*.
- Nic0900** *Nicotiana mutabilis*. FLOWERING TOBACCO. An. Sun/PtShade. 5–6". Summer.
- 239**-Great vertical structure for the perennial with lovely pink flowers. Does self-sow moderately, but actually a pleasant surprise! Germ: NST. *Doering*.
- Nic2750** *Nicotiana sylvestris*. FLOWERING TOBACCO, GREAT WHITE TOBACCO. An. Sun/PtShade. 12 x 18"; to 5' in bloom. Summer–Fall.
- 1020**-White, long tubed, fragrant flowers. Large leaves. Self-sows. *Wiedorn*.
- 1918**-White blooms. *N. sylvestris* grows 3-5' tall and has long, tubular white flowers that give off their fragrance at night. Basal foliage may spread to 3' width. It is an annual in Zone 7. Direct sow in spring. Self sows. Germ: SIS. *Carey*.
- 2294**-White flowers. Hummers and hummingbird moths. Large dramatic flower stalk and leaves. Good vertical accent. Reseeds. Germ: NST. Just scatter seed in early spring. *Squitiere*.
- Nic2800** *Nicotiana sylvestris* 'Only the Lonely'. FLOWERING TOBACCO. An. Sun/PtShade. 12 x 18"; to 5' in bloom. Summer–Fall.
- 84**-Tall annual with fragrant, white flowers for partial shade. *Bowditch*.
- Nic4000** *Nicotiana* 'Tinkerbell'. FLOWERING TOBACCO. An. Sun/PtShade. 3'. Summer–Fall.
- 2294**-Dusky rose petals from long green trumpets. Annual, direct seeding best. *Squitiere*.
- Nig1050** *Nigella damascena*. LOVE-IN-A-MIST. An. Sun. 8–12 x 8–12"; 12–18" in bloom. Summer.
- 355**-Soft blue blossoms on a self-sowing annual. Very lovely spring-fall. Its seed pods provide quite an interest for us later into the season. Germ: SIS. *Greenwood*.
- 592**-Blue or (less often) white blooms. Classic self-sower (won't transplant). I wouldn't be without. Germ: SIS. RTp. *Malocsay*.
- 2294**-Blue flowers. Light, airy foliage. Self-seeds. Fall seedlings are evergreen over winter in zone 6. Germ: NST. Easy. Just scatter seeds. *Squitiere*.
- 9980**-Blue flowers. Germ: BC, SIS. *Chanticleer*.
- Nig1290** *Nigella damascena* 'Cramer's Plum'. LOVE-IN-A-MIST. An. Sun. 8–12 x 8–12"; 12–18" in bloom. Summer.
- 703**-White flowers in summer, followed by plum-purple pods. *Ondra*.
- Oci1600** *Ocimum selloi*. TenPer. Sun/PtShade. 24–36 x 12–24". Summer–Fall. Zone Hardy to 9.
- 1990**-Ploeg.
- Oen1600** *Oenothera glazioviana*. EVENING PRIMROSE. Bien. Sun. 1–2'; from 4–5' in bloom. Summer–Fall.
- 446**-Yellow flowers. From a friend in the deep South. The 3" flowers open at twilight. Mine self-sow sparsley, so I never plant seeds. Germ: NST; W, 28d. *Humphrey*.
- Ols1000** *Olsynium douglasii* (syn. *Sisyrinchium douglasii*). SATIN FLOWER, GRASS WIDOW, DOUGLAS GRASSWIDOW. Per. Sun. 6–18". Late Winter/Early Spring.
- 1990**-Ploeg.
- Orl1000** *Orlaya grandiflora*. WHITE LACEFLOWER. An.
- 592**-White blooms. Basal rosette nicely fine, flowers shed less than Queen Ann's Lace in bouquets. A second sowing adds fall freshness. Deer do like it. Does transplant young. Germ: NST, SIS. *Malocsay*.
- 2294**-White, early summer blooms. Looks like Queen Anne's lace, annual, 24" high. *Squitiere*.
- 2429**-White blooms. Germ: NST. *Bricker*.
- 9980**-White blooms. *Chanticleer*.
- Orn0100** *Ornithogalum arabicum*. ARABIAN STAR FLOWER. TenBulb. Sun. 12–32". Early Summer.
- 926**-Racemes of creamy white flowers with black button centers (ovaries). Not hardy—I winter it in the greenhouse. *Streeter*.
- Orn0500** *Ornithogalum longibracteatum* (syn. *Ornithogalum candatum*). FALSE SEA ONION. TenBulb. Sun. 2–3'. Summer.
- 926A**-Seeds. Racemes of green and white flowers from bowiea-like bulb with floppy foliage. Small bulblets pop out of the sides of the bulb. Weird, but fascinating. Not hardy. *Streeter*.
- 926B**-Bulbils. Racemes of green and white flowers from bowiea-like bulb with floppy foliage. Small bulblets pop out of the sides of the bulb. Weird, but fascinating. Not hardy. *Streeter*.
- Orn1000** *Ornithogalum magnum*. Bulb. Sun/PtShade. 1–2 x 1–2". Spring. Zone 5–8.
- 703**-White flowers on hardy bulb. Height 2-3'. Loose spikes of starry white flowers in late spring to early summer. *Ondra*.
- Orn1030** *Ornithogalum pyramidale*. STARS OF HUNGARY. Bulb. Sun. 18"; to 2–3' in bloom. Summer.
- 199**-White flowers with green stripes. Not weedy, but proving a good grower with tall, many flowered spikes in mid-late June. *Cresson*.
- Orn1500** *Ornithogalum sintenisii*. Bulb. Sun/PtShade. 4 x 8"; 4" in bloom. Spring.

## *Paeonia* – *Papaver somniferum*

- 199**-White flowers. An easy, early blooming species with low, flat clusters of white flowers in early spring. Similar to, but easier than, *O. balansae*. Leaves emerge in autumn, protect from rabbits. Very rare. *Cresson*.
- Pae1500** *Paeonia Jan Dererousse's Seedling*. Per. Sun. 2–3 x 2; to 3' in bloom. Spring–Summer.
- 215**-Bloom is mixed. Was given this seed from Peony grower, Bob Johnson of Bend, OR. Germ: Cycle, SR. *DeMarco*.
- Pae1550** *Paeonia japonica*. Per. Sun/PtShade/Shade. 18". Late Spring.
- 951**-White flowers. A lovely species peony for woodland gardens. Showy seedpods. Terrific drought tolerant perennial, with good form and long bloom. Germ: OW. *Tracey*.
- Pae3600** *Paeonia obovata*. Per. Sun/PtShade. 2–3 x 2–3'. Spring.
- 65**-Pink flowers. Lovely woodland peony known for lipstick red seedpods filled with black seeds. *Berger*.
- 558**-Deep pink, single flowers. Vigorous woodland peony. Beautiful seed heads in August through October and sometimes great fall foliage. Germ: Cycle; May take two warm/cold cycles to germinate or sow outdoors. NST, SR. *Lewis*.
- Pae4150** *Paeonia officinalis subsp. villosa*. PEONY MOLLIS. Per. Sun.
- 215**-Single, pink, 12", early blooms. This single species peony has blooms that sit on top of foliage. Very easy cultivar in full sun. Germ: Cycle: CMS, WMS, CMS, WMS; BC; SR. Can take at least 2 yr to sow a leaf. Wait for it. *DeMarco*.
- Pae4500** *Paeonia ostii*. TREE PEONY. Per. Sun/PtShade. 5 x 10'. Spring.
- 3001**-White flowers. A woody paeonia, once listed as a cultivar of suffruticosa. To 3-5 x 3-5'. Zones 4-8. Germ: Soak: 24 d; Cycle: start warm. May require treatment for double dormancy, starting warm, or plant outside. *Gregg*.
- Pae4990** *Paeonia suffruticosa*. TREE PEONY. Shrub. Sun/PtShade. 4–5 x 4–5'. Late Spring.
- 45**-Pink, rarely white blooms. Not easy, but think of the bragging rights, "I grew that from seed." This seed is from a pink-flowered single seedling from a Rock's Variety peony. Germ: WMS: 70 d, then CMS. Maximum germination: don't give up for at least 2 yr. Protect seeds and seedlings from mice. *Bartlett*.
- 3001**-Woody paeonia, parent white flowered. To 3-5 x 3-5'. Hardy zones 4-8. Germ: Soak: 24 d. Cycle. May have double dormancy if started indoors. *Gregg*.
- Pan0610** *Panicum virgatum* 'Dallas Blues'. BLUE SWITCHGRASS. PerGrass. Sun. 3–4'. Summer.
- 2937**-A large grass with bluish foliage and pinkish blooms. Low germination rate, but the ones which do sprout also have a nice bluish color. *Bittmann*.
- Pap0350** *Papaver atlanticum*. MOROCCAN POPPY. Per. Sun. 8–12 x 12"; to 2' in bloom. Summer.
- 84**-Pale orange flowers. Soft blue-green attractive foliage and long bloom season. *Bowditch*.
- 1026**-Pale orange flowers. *Wilkinson*.
- 1277** -Peach flowers. Deadhead and they will come. Nice rosette of foliage. One of the best poppies. Germ: SIS. *Haas*.
- Pap1010** *Papaver orientale*. ORIENTAL POPPY. Per. Sun. 3 x 3'. Late Spring/Early Summer.
- 926**-Bright red flowers. *Streeter*.
- Pap2250** *Papaver rhoeas*. CORN POPPY, FLANDERS POPPY. An. Sun. 2–3 x 1'. Summer.
- 84**-Red, pink, or white flowers. Blooms well until hot weather discourages flowering. Dislikes summer heat. Colorful annual poppy. Germ: SIS. Sow outdoors fall or early spring. Self-sows. *Bowditch*.
- 2294**-Red (not orange) late spring/early summer bloom, partial shade gives deeper red color. Re-seeds. From Italy, I call them my Lenno poppy. Germ: NST, SIS. *Squitiere*.
- Pap2270** *Papaver rhoeas (orange)*. CORN POPPY, FLANDERS POPPY. An. Sun. 12–18 x 12–15". Spring–Summer.
- 199**-Terracotta orange-red flowers. Self-sowing annual for June bloom in the cottage garden. *Cresson*.
- 2294**-Orange blooms. Early May bloom, annual, 12" high in bloom. Will reseed. Germ: SS, NST, SIS. *Squitiere*.
- Pap2350** *Papaver rupifragum*. Per. Sun. 3 x 8"; to 18" in bloom. Summer.
- 9980**-Red flowers. Clump-forming perennial with 3" wide flowers in summer. Bright green foliage. Each plant produces many flowers. Self-sows readily. Germ: SS. *Chanticleer*.
- Pap3250** *Papaver somniferum (coral, double)*. CARNATION POPPY. An. Sun. 4 x 1'. Summer.
- 318**-Deep-coral, double flowers. Germ: L; SS; SIS; Rtp. *Garnett*.
- Pap3270** *Papaver somniferum (coral, single)*. OPIUM POPPY. An. Sun. 4 x 1'. Summer.
- 318**-Germ: SS; SIS. *Garnett*.
- 9976**-Wave Hill Gardeners.
- Pap3350** *Papaver somniferum* 'Drama Queen'. OPIUM POPPY. An. Sun. 2–3 x 1'. Summer.
- 2294**-Beautiful flower. Magenta/purple frilly blooms, white center/stamens. Truly a drama queen in the poppy world. Annual, 2-3' tall in bloom, pods decorative, will seed in if pods left on to age. Germ: NST. SIS. *Squitiere*.
- 9976**-Deep red with purple fringed blooms. *Wave Hill Gardeners*.
- Pap3450** *Papaver somniferum* 'Lauren's Grape'. CARNATION POPPY, OPIUM POPPY. An. Sun. 2–4 x 1'. Summer.
- 84**-Grape-purple flowers. Attractive foliage with dynamite purple flower and glaucous foliage. Comes true from seed. Germ: SIS. Sow outdoors spring or fall. *Bowditch*.
- 318**-Grape-purple flowers. Single. Germ: SS; SIS. *Garnett*.
- 703**-Deep purple blooms on annual. Height 2-3'. Single flowers in early to midsummer. *Ondra*.

- 797-Variou s, pale purple flowers. Germ: BC; SIS early spring. *Robinson*.
- 1026-Grape purple blooms. Fun to grow. Seeds around in new spots, seed heads attractive. *Wilkinson*.
- 2294-Purple blooms. Annual. Germ: Scatter seed late winter where you want them to grow. Don't cover up with mulch. *Squitiere*.
- 9976-Dark purple blooms. *Wave Hill Gardeners*.
- Pap3460** *Papaver somniferum* 'Persian White'. An. Sun. 2–4 x 1'. Summer.
- 9976-White blooms. Seed pods were much larger than other *P. somniferums*. *Wave Hill Gardeners*.
- Pap3470** *Papaver somniferum* 'Queens'. An. Sun. 2–4 x 1'. Summer.
- 9976-Salmon pink blooms with white centers. *Wave Hill Gardeners*.
- Pap3550** *Papaver somniferum* (mixed colors). BREADSEED, OPIUM, CARNATION POPPY. An. Sun. 2–4 x 1'. Summer.
- 239-Mixed, mostly pink blooms. Sow in the snow with the *Consolida ambigua* for a wonderful color combination of filler plants. Germ: SIS. In winter, sow seeds where colorful display is wanted. What could be easier or more rewarding? *Doering*.
- Pap3630** *Papaver somniferum* var. *paoniiflorum*. PEONY-FLOWERED POPPY. An. Sun. 4 x 1'. Summer.
- 2294-Coral blooms. Mid spring annual opium poppy, some single and double flowers, glaucous foliage, 12-15" high, reseeds. *Squitiere*.
- Pap3650** *Papaver somniferum* (pink, double). OPIUM POPPY. An. Sun. 4 x 1'. Summer.
- 592-Fully double pink blooms. Fully double should come true from isolated stand. Scatter on receipt--won't transplant Germ: SIS. RTp. *Malocsay*.
- Pap3750** *Papaver somniferum* (pink, single). An. Sun. 4 x 1'. Summer.
- 2294-Pink and purple blooms. Annual, pods decorative, seeds in if pods left on plant to age. Germ: NST, SIS. *Squitiere*.
- Pap4250** *Papaver somniferum* (red or wine, single). An. Sun. 4 x 1'. Summer.
- 9976-Dark red, single flowers. *Wave Hill Gardeners*.
- Pap4700** *Papaver somniferum* (white, single). An. Sun. 4 x 1'. Summer.
- 2294-Annual, 3' high in (white) bloom. Seed pods are decorative; can be painted for fun. Germ: NST, SIS. *Squitiere*.
- Pap4800** *Papaver somniferum* var. *giganteum*. An. Sun. 3–5 x 1–2'. Late Spring–Summer.
- 9976-Pink blooms, large seed pod. *Wave Hill Gardeners*.
- Pap5050** *Papaver* 'Swansdown'. An. Sun. 2–4 x 1'. Summer.
- 703-White flowers. Annual. Height 2-3'. Frilly, double flowers in early to midsummer. *Ondra*.
- Par1650** *Paradisialusitanicum*. PerBulb. Sun.
- 199-White blooms. Small lily-like flowers along a tall spike. Strappy leaves at the base. Forms a clump in a sunny location with good drainage. A rare plant in cultivation. Southern Europe. 5' tall. *Cresson*.
- Par4010** *Parthenium integrifolium*. WILD QUININE. Per. Sun/PtShade. 1 x 2'; to 3' in bloom. Summer–Fall.
- 2429-*Bricker*.
- Par5500** *Parthenocissus quinquefolia*. Vine. Sun/PtSun. 30–50 x 5–10'. Zone 3–9.
- 2294-Native vine, aggressive, great fall color with blue berries. Great food for wildlife, not for humans, poisonous. vines adhere with disc pads, no damage to surfaces. *Squitiere*.
- Pas1050** *Passiflora incarnata*. MAYPOPS, HARDY PASSIONFLOWER. Per. Vine. Sun. 20'. Summer.
- 199-Purple-blue flowers. Native herbaceous vine with a very tropical appeal. Blooms July-September. Edible fruit in fall. *Cresson*.
- Pat2050** *Patrinia scabiosifolia*. GOLDEN LACE. Per. PtShade/Shade. 12 x 12–18"; from 3–5' in bloom. Summer. Zone 5–8.
- 2294-Yellow blooms. Perennial, full sun, see-through plant, long bloom. *Squitiere*.
- 2429-*Bricker*.
- Pat2060** *Patrinia scabiosifolia* 'Nagoya'. Per. Sun. 2–3 x 1–1½'. Summer–Fall.
- 1580-Chartreuse to lemon yellow blooms. This is a durable easy care plant for full sun to part shade. It is 3' high in bloom which occurs from July into October. It prefers moist soil. Plant is useful because of its diaphanous form and it can be used mid to front of the border. Flowers formed in corymbose panicles similar to dill flowers. Germ: C, BC; 50d. *Romenesko*.
- Pel2050** *Peltoboykinia watanabei*. Per. PtShade/Shade. 16 x 12". Late Spring.
- 2137-*Boylan*.
- Pen1770** *Penstemon barbatus* subsp. *coccineus*. Per. Sun. 12–18 x 12". Summer. Zone 3–8.
- 9980-Red blooms. *Chanticleer*.
- Pen3050** *Penstemon digitalis* 'Husker Red'. FOXGLOVE, BEARD TONGUE. Per. Sun/PtShade. 4 x 1'. Summer.
- 318-White/pink flowers. *Garnett*.
- 2294-White blooms. Perennial, better in unamended soil. Burgundy/green foliage. *Squitiere*.
- 2515-White bloom. Nice burgundy foliage. *Doblmaier*.
- Pen3750** *Penstemon grandiflorus*. LARGE BEARD TONGUE. Per. Sun. 3½' x 10". Summer.
- 446-Germ: CMS 6-8wk. Germinated in 10d after shift from 40°F to 60°F. *Humphrey*.
- Pen5300** *Penstemon smallii*. SMALL'S BEARDTONGUE. Per. Sun/PtShade. 6 x 6"; to 1' in bloom. Spring–Summer. Zone 5+.
- 9980-Pink/white blooms. *Chanticleer*.
- Per0040** *Perilla frutescens*.
- 3006-White/pale pink blooms. Grow for the shiny dark purple leaves. Full sun, annual. 3 x 3'. Edible. *Mayer*.
- Per2650** *Persicaria orientalis* 'Shiro-gane Nishiki'. PRINCE'S FEATHER. An. Sun. 6–7 x 2–3'. Summer–Fall.
- 199-Pink flowers. Large, heart-shaped leaves splashed with cream. Lushest growth in rich soil with plenty of water. Self-sows year to year. *Cresson*.

## *Persicaria virginiana* – *Polygonatum biflorum*

**Per3400** *Persicaria virginiana* (Variegata Group) ‘Painter’s Palette’ (syn. *Polygonum virginiana* ‘Painter’s Palette’). JUMPSEED, VIRGINIA KNOTWEED. Per. Sun/PtShade. 18–24 x 15–18”. Summer–Fall.

**1684**–Foliage is the main attraction: the leaves have cream and mid-green splotches and dark chevrons; they are great at brightening up shady corners. Tiny red flowers on wiry stems in late summer go mostly unnoticed. Self-seeds. *Broekhuis*.

**Pet2150** *Petunia axillaris*. An. Sun/PtShade. 16 x 30”. Summer. **446**–White flowers. A wild species producing a continuous display of large flowers. A spreader. Germ: NST; C or W, 7d. *Humphrey*.

**Pet2200** *Petunia exserta*. Per. Sun. 2 x 2’. Early Summer–Fall. Zone 9b–11.

**592**–Red blooms. Pleasing mixer—not the tightly floriferous petunia of the hybridists. Lax habit can be replaced with second sowing. Germ: NST. *Malocsay*.

**703**–Red flowers on annual. Height to about 1’ if unsupported; can reach 2-3’ in a pot with a trellis. Flowers from early summer to frost. *Ondra*.

**2294**–Red blooms. Seeds from HPS 2013-14 Seed Exchange. Gets leggy, trim stems back. *Squitiere*.

**2515**–Red flowers. *Doblmaier*.

**Peu1400** *Peucedanum verticillare*. HOG’S FENNEL, MILK PARSLEY. Per. Sun/PtSun. 6–10 x 2–3’. Summer.

**1684**–Tall greenish-flowering umbellifer, purple stems. Germ: WMS: 3 wk, CMS: 6 wk. Short viability. *Broekhuis*.

**Pha0200** *Phacelia bipinnatifida*. FERNLEAF PHACELIA. Bien. PtShade/Shade.

**2294**–Great biennial plant with lavender blooms. Leaves grow the first spring until it goes dormant in late fall. The next spring they emerge and bloom for about a month, 12-15” tall. Self sows, so you’ll always have them. Best in part shade. Germ: NST. SIS. *Squitiere*.

**2429**–Easy biennial with purple blooms in May. Self-sows nicely. *Bricker*.

**Pha0350** *Phaseolus coccineus*. SCARLET RUNNER BEAN. An. Vine. Sun. 6–8+ x 1½’. Summer–Fall.

**627**–Lovely vine which produces big, long pods—best eaten before the beans inside get big. *McShane*.

**Pha0850** *Phaseolus lunatus* ‘Alma’s PA Dutch Purple Burgundy’. AnVine. Sun. 6–8 x 8–10’. Summer.

**703**–Pale yellow flowers. Edible annual vine. Height 8-10’. Heirloom variety with deep purple seeds. *Ondra*.

**Phl0200** *Phlomis tuberosa*. Per. Sun. 1 x 1½; 3–5’ in bloom. Summer.

**199**–Purplish pink flowers. Summer bloom on tall spikes to 6’ above large basal leaves. Drought tolerant. *Cresson*.

**1607**–Pink blooms. Large green leaves, whorls of soft pink tubular flowers on an easy-to-grow, drought tolerant plant. Germ: W. *Jellinek*.

**2515**–Lavender pink blooms on 3-5’ tall spikes that flowers in June-July. Drought tolerant once established. *Doblmaier*.

**Phl2040** *Phlox paniculata*. Per.

**446**–Pink, mauve, lavender, white flowers. Mixed cvs. Germ: Germinates well at low temperatures, probably best in a cold frame or outdoor bed. *Humphrey*.

**2937**–Seeds collected from a range of purple and red (dark-colored) hybrids, will probably give a nice range of white, pink and purple, mildew resistant plants. *Bittmann*.

**Phy1250** *Phytolacca americana*. POKEWEED. Per. Sun. 10 x 3’

**3006**–White blooms. Grow for statuesque quality 6 x 8’, purple-red stems, purple fall berries and reddish fall foliage. Perennial. This American native is appreciated in Europe but here, not so much! Germ: Sow 55-64°F early spring or autumn. *Mayer*.

**Pie0100** *Pieris japonica*. LILY-OF-THE-VALLEY BUSH. Shrub. Sun/PtShade. 12 x 10’. Spring.

**1277**–Haas.

**Pla2000** *Platycodon grandiflorus* (syn. *Campanula glauca*). BALLOON FLOWER. Per. Sun/PtShade. 2–3’ x 12–15”. Summer.

**318**–Blue flowers. *Garnett*.

**1277**–Blue flowers, 2’. *Haas*.

**1585**–Blue flowers, maybe some whites. Seed may include doubles. Germ: NST. *Scofield*.

**2294A**–White flowers. Pinch for shorter, floriferous display. Good fall color. Germ: Have never grown from seed. *Squitiere*.

**2294B**–Blue flowers. I’ve never tried it from seed, but I’ve had occasional volunteers. Original plant was purchased and has been in my garden now for years. Pinch back to avoid flopping. Floriferous. Good fall color. Germ: NST. *Squitiere*.

**Pla2300** *Platycodon grandiflorus* ‘Axminster Streaked’. BALLOON FLOWER. Per. Sun/PtShade. 3 x 1; to 3’ in bloom. Summer.

**703**–Purple-blue, usually streaked with white flowers in summer. Some flowers may be solid purple-blue, but most have some amount of white markings. *Ondra*.

**1684**–White/bloom flowers. An upright-growing balloonflower whose white flowers are irregularly streaked/patched with blue. Germ: W; L. *Broekhuis*.

**2294**–Blue/white streaked flowers blooms. You may get a seedling with the usual blue only flower, but nearly all have the blue/white streaking. *Squitiere*.

**Pla4000** *Platycrater arguta*. Shrub. PtShade/Shade. 3 x 3’. Early Summer–Early Fall.

**3001**–White flowers on hydrangea relative. Blooms early summer to September. Nice in the woodland garden. Germ: W; L. *Gregg*.

**Pol0250** *Polanisia dodecandra*. DWARF CLEOME. An. Sun. 2 x 1½’. Summer–Fall.

**797**–White flowers. Germ: BC; SIS. *Robinson*.

**Pol2700** *Polygonatum biflorum*. SOLOMON’S SEAL. Per. PtShade/Shade. 1–5 x 3’. Spring/Summer.

**926**–White flowers with green tips. Graceful arching woodlander with pendant flowers followed by blue fruit. Propagation slow, but worth the wait. Do not let the seed dry out before sowing?keep moist. Germ: CMS; Cycle 40° - 70° - 40° - 70°; Sow ASAP. *Streeter*.

**Pol2730** *Polygonatum biflorum* var. *commutatum*. GIANT SOLOMON'S SEAL. Per. PtShade/Shade. 4–6 x 2'. Spring/Summer.

**199**-White flowers. Whatever the correct name, this is the huge tetraploid form, taller with more flowers. Tall arching habit. Tolerant of dry shade but likes rich soil. *Cresson*.

**Pon1050** *Poncirus trifoliata*. TRIFOLIATE ORANGE, HARDY ORANGE. Shrub/Tree. Sun. 8–20 x 8–15'. Spring. Zone 5–9.

**3001**-White flowers on thorny, well-branched shrub or small tree. Germ: CMS: 30d. *Gregg*.

**Pon1150** *Poncirus trifoliata* 'Flying Dragon'. BITTER ORANGE. Tree. Sun/PtShade. 4–6 x 12–15'. Spring/Summer. Zone 6–10.

**3001**-The contorted form of *Poncirus trifoliata*, usually to under 6'. Caution with children and pets, as the thorns are wicked. May be spreading in warmer areas. Germ: CMS: 60d. R. *Gregg*.

**Por3050** *Portulaca grandiflora*. MOSS ROSE. An. Sun. 4–6 x 8–12". Summer.

**2294**-Mixed blooms. Annual succulent ground cover. Hot dry areas. *Squitiere*.

**Pot2010** *Potentilla rupestris*. CINQUEFOIL. Per. Sun. 15 x 15". Spring.

**199**-White flowers. Floriferous. Seeds generously, so deadhead plants some. Easy, reliable, and attractive in perennial border or rock garden. The perfect cottage garden plant, as it mingles with its companions. *Cresson*.

**Pot2450** *Potentilla thurberi*. CINQUEFOIL. Per. Sun/PtShade. 1½ x 1'. Spring/Summer.

**199**-From the Southern US and Mexico comes this easy long-blooming perennial with sprays of deep red small flowers. Best in an open sunny location with good drainage. About 18" tall. *Cresson*.

**Pru4200** *Prunella grandiflora* 'Bella Blue'. Per. Sun/PtSun. 6–12" x 9–12". Late Spring–Summer. Zone 5a–7b.

**2294**-Bluish purple blooms. Edger, 7–12" tall full sun/part shade. Perennial to Zone 4. *Squitiere*.

**Pte0300** *Ptelea trifoliata* 'Variegata'. VARIEGATED HOP TREE. Shrub. PtShade. 15–20 x 12–15'. Summer. Zone 5–9.

**1277**-White flowers. Unusual small tree from seed of the gold ptelea which mutated to a variegated form. Have not found this form listed in any book, so it is rare. They usually come gold. *Haas*.

**Rab1000** *Rabdosia longituba*. Per. 5 x 2'; to 6' in bloom. Fall.

**199**-Blue flowers. Japanese native with tubular blue flowers in branched clusters at the nodes all along the stem in late September to October. A hot, new September perennial that is very showy in bloom. Height 4–5'. *Cresson*.

**647**-Sky blue flowers on 2–3', fall blooming woodland member of salvia family. Beautiful with autumn red foliaged shrubs like fothergilla. With me it has lightly self-seeded. Germ: C, L, NST. 21d. *Mirick*.

**2294**-Blue flowers. Plant sits all summer long doing nothing. Round mid-October it bursts into bloom. *Squitiere*.

**Rat3000** *Ratibida columnifera*. MEXICAN HAT. Per./An. Sun. 3–5 x 2'. Summer.

**446**-Reddish brown flowers. Germ: NST. *Humphrey*.

**Rat3100** *Ratibida columnifera* 'Red Midget'. MEXICAN HAT. Per./An. Sun. 3–5 x 2'. Summer.

**199**-Red-yellow flowers. Bushy long-blooming summer perennial from the Midwest, 18–24" tall. Flowers reddish brown with orange and yellow. Hot, dry conditions in sun. *Cresson*.

**Res1500** *Reseda luteola*. Bien. Sun/PtSun. 2–5 x 1'. Late Spring–Summer.

**118**-Yellow blooms. Long, meandering, slender spikes of small, yellowish flowers top narrow, lance-shaped leaves. Annual/biennial to 5'. Sun. Germ: W, SS. *Stonecrop Gardens*.

**Rha0500** *Rhapidophyllum hystrix*. NEEDLE PALM, BLUE PALMETTO. Palm. Sun/PtShade. 5 x 5". Summer.

**199**-Seed from my plant. Hardy outdoors since 1997 without protection! The hardiest palm. Considered Zone 6 or colder! A scrub or bush palm with palmate leaves and no trunk. Native to South Carolina, Georgia, Alabama and Florida. Germ: BC; W; 6 mo–2 yr. Palms should be sown immediately and can be slow to germinate. *Cresson*.

**Rhe2000** *Rhexia species*. MEADOW BEAUTY. Per. Sun. 1½ x ½'. Summer–Fall.

**1865**-Pink flower with yellow anthers, 2' tall, will spread by seeds. Germ: W; BC; 0–14 d. *Bennett*.

**Rhe3350** *Rhexia virginica*. MEADOW BEAUTY. Per. PtShade. 2–3 x 2–3". Summer–Fall. Zone 3–9.

**1999**-Pink blooms with conspicuous yellow stamens; urn-shaped seed capsules. Germ: CMS: 30d. *Norfolk Botanical*.

**2137**-Pink blooms. Bog plant, native. *Boylan*.

**Ric1050** *Ricinus communis*. CASTOR BEAN. An. Sun. 6 x 3'. Summer.

**2937**-Large, bronze leaves and seed clusters. *Bittmann*.

**Ric1160** *Ricinus communis* 'Carmencita'. CASTOR BEAN. An. Sun. 5–6+ x 5". Summer.

**3006**-Cream and maroon blooms. Annual to 6 x 5". Bronze new leaf turns to reddish-green with age. Start early indoors. *Mayer*.

**9976**-Red blooms with purple maroon leaves. *Wave Hill Gardeners*.

**Ric1200** *Ricinus communis* 'Carmencita Pink'. CASTOR BEAN. An. Sun. 6 x 3'. Summer.

**2515**-Pink flowers. All parts of this plant are poisonous. Leaves are large with a slightly reddish tint. Quite a bold statement in the garden. Germ: BH. *Doblmaier*.

**Roh1050** *Rohdea japonica*. NIPPON LILY, SACRED LILY. Per. PtShade/Shade. 12–18". Spring. Zone 6–10.

**3001**-Slow growing Asian shade perennial to about 14". Forms clumps over time. Mature plants produce red berries in late fall. Germ: CMS: 2 mo. *Gregg*.

**Ros5300** *Rosa roxburghii*. CHESTNUT ROSE. Shrub, 6–8 x 6–8". Zone 6–9.

**926**-Pink double flowers becoming very ornamental, bright yellow, prickly hips. Germ: CMS: 3–5 mo. Do not let seed dry out. *Streeter*.

**Rud1600** *Rudbeckia fulgida* var. *fulgida*. ORANGE CONEFLOWER. Per. Sun. 2–3 x 2–3'. Late Summer–Fall.

**2294**-Yellow/black blooms. This is straight fulgida, not Goldsturm. Perennial. Flowers a little smaller than Goldsturm. I was tired of my Goldsturm's leaves turning black mid-August every year. They're gone, these keep the green all season. *Squitiere*.

**Rud1850** *Rudbeckia fulgida* var. *sullivantii* 'Goldstrum'. Per. Sun. 12 x 12"; to 2' in bloom. Summer–Fall.

**1277**-A workhorse of a plant. Blooms almost all summer and into fall. *Haas*.

**Rud2700** *Rudbeckia hirta*. GLORIOSA DAISIES. Bien./Per. Sun. 3 x 3'. Summer–Fall.

**2294**-Yellow blooms on annual daisy of unknown variety. Seeds in a bit; I have volunteers yearly. *Squitiere*.

**Rud3100** *Rudbeckia hirta* 'Prairie Sun'. BLACK-EYED SUSAN.

**2294**-Blooms with yellow outer, orange interior petals, and green eyes. *Squitiere*.

**Rud4050** *Rudbeckia maxima*. GIANT CONEFLOWER. Per. Sun/PtShade. 6 x 2'. Summer.

**2294**-Yellow blooms on tall perennial coneflower with glaucous leaves. Average, moist, well-drained soils in full sun. Tolerates light shade, heat, some drought, and wide range of soils. Best in moist, organically rich soils. *Squitiere*.

**Rud5100** *Rudbeckia triloba*. BLACK-EYED SUSAN, BROWN-EYED SUSAN. Bien./Per. Sun/PtShade. 5 x 3'. Summer–Fall.

**1277** -Gold flowers with black centers. Many small flowers in late summer. Self-sows a little here. Germ: NST. *Haas*.

**1585**-Flowers orange with brown centers. Clouds of small orange daisies cover branches in late summer, attracting both bees and butterflies. Germ: NST. Self-sows. *Scofield*.

**Rue0300** *Ruellia caroliniensis*. CAROLINA WILD PETUNIA, HAIRY PETUNIA. Per. Sun/PtShade. 6–36 x 6–9". Summer. Zone 6–10.

**199**-Pinkish purple blooms. Upright clumps 1–2' tall. June–August bloom. Tolerates dry shade. *Cresson*.

**Rue1040** *Ruellia humilis*. WILD PETUNIA. Per. Sun/PtShade. 1 x 1'. Summer.

**1277**-Blue-violet flowers. Perennial. Think this might be *R. humilis* or *R. caroliniensis*, but not sure. Mine only got to 1'. Nice plant. *Haas*.

**1865**-White blooms. Germ: W. Treated seeds with GA-3 before sowing at 70F. *Bennett*.

**Rum0150** *Rumex sanguineus* var. *sanguineus*. BLOODY DOCK. Per. Sun. 15–18 x 15–18".

**65**-Berger.

**Rut1010** *Ruta graveolens*. COMMON RUE. Per. Sun. 2 x 2'. Summer.

**446**-Yellow flowers. Ancient, long-lived herb, nearly evergreen to 2 1/2 x 2 1/2'. May cause rash on sensitive skin. Black swallowtail larval food. *Humphrey*.

**Sab0580** *Sabal minor* 'McCurtain'. DWARF PALMETTO, BLUESTEM PALMETTO, BLUE PALM. Palm. Sun/PtShade. 4–6 x 4–6'. Spring–Summer. Zone 6–7.

**199**-Greenish white blooms. Trunkless, evergreen, native fan palm makes a surprising foliage plant year around. Bluish green foliage. Seed from my plant hardy since 2000, originated from a natural stand in McCurtain County, Oklahoma. 4–6' tall. Sun-part shade. *Cresson*.

**Sab0600** *Sabal minor* NE Texas Form. DWARF PALMETTO, BLUESTEM PALMETTO, BLUE PALM. Palm. Sun/PtShade. 4–5 x 4–8'. Spring–Summer. Zone 6–7.

**199**-Greenish white blooms. Trunkless, evergreen, native fan palm makes a surprising foliage plant year around. Dark green foliage. Seed from my plant hardy since 2003, originated from a natural stand in NE Texas. 4–5' tall. Sun-part shade. *Cresson*.

**Sal0650** *Salvia azurea* 'Nekan'. Per. Sun. 2–4 x 2–3'. Summer–Fall.

**1580**-Light blue blooms. Lovely and rare! This is tall 5–6', and it blooms in September. Purchased at the Scott Fall Plant sale. Cut back in late spring to attempt a more compact size. Native to central US. Prefers full sun and well-drained soil. Drought tolerant. *Romenesko*.

**Sal1000** *Salvia coccinea*. TEXAS SAGE. An. 1–3 x 2'.

**446**-Red flowers. Our hummingbird's favorite flower. Nonstop blooms from summer to frost. Germ: NST; W, 7d. *Humphrey*.

**554**-Red blooms. Great filler in the summer and fall border. Deadheading prolongs bloom, but self-sows easily if seeds are allowed to form. Germ: NST. *Levine*.

**1939**-Urffer.

**2294A**-Red flowers. Great for hummers and bees. Easy. Just scatter seeds. Self-sows. Deadhead for continuous bloom until frost. Germ: NST. *Squitiere*.

**Sal1050** *Salvia coccinea* 'Bicolor'. An. Sun. 2' x 2'. Summer–Fall.

**554**-Pink and coral bicolor blooms. Great filler in the summer and fall border. Deadheading prolongs bloom, but self-sows easily if seeds are allowed to form. Germ: NST. *Levine*.

**Sal1100** *Salvia coccinea* 'Brenthurst'. An. Sun. 20–30 x 12". Summer–Fall.

**522**-Peachy pink flowers. Betsy Clebsch observes this will come true from seed if no other *S. coccinea* cross pollinates the plants. Wonderful filler plant. Deadheading promotes bloom. Germ: L; W, 10d. *Kushner*.

**Sal1150** *Salvia coccinea* 'Coral Nymph'. An. Sun. 2½ x 1'. Summer–Fall.

**2294**-Long-bloomer with deadheading. Easy. Scatter seed. Hummers and bee plants. Reseeds politely. Germ: NST. *Squitiere*.

**Sal1200** *Salvia coccinea* 'Lady in Pink'. An. Sun. 2' x 2'. Summer–Fall.

**199**-Pink/white bicolor blooms. Self-sowing annual will reappear in your garden each year and is easy to transplant where you want it for abundant midsummer to fall bloom. Great filler among perennials, 2–3' tall. *Cresson*.

**Sal1250** *Salvia coccinea* 'Lady in Red'. SALVIA. An. Sun/PtSun. 3 x 2'. Summer–Fall.

- 199-Self-sowing annual will reappear in your garden each year and is easy to transplant where you want it for abundant midsummer to fall bloom. Great filler among perennials, 2-3' tall. *Cresson*.
- 2483-*Barrett*.
- Sal2350** *Salvia guaranitica*. ANISE-SCENTED SAGE. An./TenPer. Sun/PtShade. 5 x 2'. Summer-Fall.
- 199 -Indigo blue flowers. One of the hardiest forms of this species which has been hardy outdoors, protected by a mulch for 30 years. 5-6' tall when established. July-October bloom. *Cresson*.
- 522-Brilliant, true-blue flowers. Blooms for months. *Kushner*.
- Sal2380** *Salvia guaranitica* 'Black and Blue'. ANISE-SCENTED SAGE. An./TenPer. Sun/PtShade. 3 x 2'. Summer-Fall.
- 199-Deep blue blooms. Not my hardiest guaranitica, but can survive some winters. Deep blue flowers and a dark, nearly black calyx. Plant is 3 - 4' tall after the first year. *Cresson*.
- 318-Deep, true blue. (Species more a violet blue.) Amazing. Couldn't believe its height. Apparently there are two strains of 'Black and Blue'. My plants in 2005 grew to a height of 8-10' and blooms started Oct 1. In 2006 plants were shorter and blooms started in July! *Garnett*.
- 522-Dark blue with deep purple/black calyces. Like its cousin, a stunning back of border 5'+ plants that blooms for months, June-frost. Flowers are a deeper blue than the straight *S. guaranitica*. *Kushner*.
- Sal2400** *Salvia Heatwave*<sup>TM</sup> **Blast**. Per. Sun. 24-30 x 36". Summer. Zone 6-10.
- 522-Salmon peach flowers. A cross between *S. greggii* and *S. microphylla*. Lovely long-blooming summer to fall. Low to average water. Bred in Australia. *Kushner*.
- Sal2900** *Salvia leptophylla*. Summer-Fall.
- 215-Azure blue blooms. Germ: OW: Sow pots, then overwinter outdoors. L *DeMarco*.
- 2515-Beautiful blue flowers on this graceful salvia. *Amsonia hubrichtii*-like foliage. The flowers last for a few months. Seed germinates quite easily. *Doblmaier*.
- Sal3200** *Salvia lyrata* 'Purple Knockout'. CANCER WEED, LYRE-LEAF SAGE. Per. PtShade. 1-2'. Summer.
- 199-Pale lilac-blue blooms. Tough native perennial for dry shade. Flower spikes arise from a basal rosette of purple foliage in this cultivar that seeds true. About 1' tall. *Cresson*.
- Sal3260** *Salvia macrophylla* 'Tingo Blue'. Per. Sun. 4-6'. Zone 9.
- 2515-Blue flowers. Leaves are quite bold on this salvia. Spreads well to produce a large clump by the end of the summer. My plants are always shorter (3') than plant listings state, maybe because I only place them in dry soil locations. *Doblmaier*.
- Sal3600** *Salvia roemeriana*. Per. Sun/PtSun. 18 x 24". Late Spring.
- 2515-Red flowers. Bloomed from June to frost. Small plants made a bold statement in the front of the border. Likes a drier soil. *Doblmaier*.
- Sal3800** *Salvia patens*. Per. Sun. 2 x 12"; to 1" or 2" in bloom. Summer.
- 84-Gentian blue flowers. Can be used as an annual or save tuberous roots for next year. *Bowditch*.
- Sal3850** *Salvia patens* 'Blue Angel'. BLUE ANGEL GENTIAN SAGE. Per. Sun. 24-28". Mid-Summer to frost.
- 1277-Ultramarine blue flowers. Park's, where I purchased this seed, lists it as Zone 8. I have grown it now for 3-4 years in a protected spot by my polyhouse, and I am zone 6A! Try it. Germ: BH. *Haas*.
- Sal4400** *Salvia sclarea*. CLARY SAGE, TRUE CLARY SAGE. Per. Sun. 6 x 12"; from 2-3' in bloom. Summer.
- 2429-Biennial with blue flowers in early summer. A strong vertical element with scented foliage. Cut back after bloom to limit reseeding. *Bricker*.
- Sal4500** *Salvia sclaria* var. *turkestanica*. CLARY SAGE. Bien. Sun. 30 x 18"; to 36" in bloom. Spring-Summer.
- 2294-Blue blooms. Biennial, great vertical element in early summer dead-head to avoid reseeding, strong scented foliage. *Squitiere*.
- Sal4885** *Salvia splendens* 'Lighthouse Purple'. TenPer. Sun/PtShade. 36-48 x 24-36". Summer-Fall.
- 522-Intense purple blooms on long-blooming, long-lasting, mid-border plant. Blooms June-October. 24-30". Source: Summer Hill Seeds. Germ: D. *Kushner*.
- Sal4890** *Salvia splendens* 'Louie's Orange Delight'. TenPer. Sun/PtShade. 18-24 x 18-24". Summer-Fall.
- 199-Orange blooms. Non-hardy bushy annual that blooms continuously, even in winter as a houseplant. Easy from seed or cuttings. I couldn't do without this in my hot color border summer to fall, 2 - 3' tall and wide in rich soil and sun. *Cresson*.
- Sal4910** *Salvia splendens* 'Peach'. An. PtShade. 3-4 x 3'. Summer-Fall.
- 199-Upright bushy plant habit. Spikes of peachy pink flowers with orange calyces. I grow it with *Rosa 'Mutabilis'*. Blooms all summer outdoors and winter indoors, 2 - 3' tall. *Cresson*.
- 522-A high coral peach salvia. Mine grew to 5' and started blooming in June-October. *Kushner*.
- 951-Peachy pink flowers. Seed from Seedhunt, that comes quite true...a pink/peach colored form 3' tall. Grows quickly and blooms early and long. *Tracey*.
- 965-Peach form. Late bloomer in luscious shade of soft shrimp pink. Not your typical red salvia. Three foot plants bloom in fall with loose spires of peach flowers. Shade. Gorgeous. Wouldn't be without it. *Umphrey*.
- Sal4950** *Salvia subrotunda*. TenPer. Sun/PtShade. 3-4 x 2-3'. Late Spring-Early Fall.
- 951-Red flowers. Plant has returned in our garden several years in a row from self sown seedlings. *Tracey*.
- Sal5150** *Salvia tiliifolia*. An. Sun. 36-48 x 24-36". Late Summer-Early Fall.

- 1684**-Annual salvia that grows to a substantial size (3-4' tall and a couple feet around) by late summer. Flowering wands are held above the pleated foliage, with tiny blue flowers opening in succession. Germ: NST. *Broekhuis*.
- San0010** *Sanguinaria canadensis*. BLOODROOT. Per. PtShade/Shade. 6". Spring.
- 2294**-White blooms on early spring native wildflower. Will naturalize. Part to full shade. *Squitiere*.
- San0100** *Sanguisorba armena*. Per. Sun/PtShade. 3-4'. Late Spring/Early Summer.
- 199**-White blooms. Large glaucous 3' foliage resembles *Melianthus major*. Nodding, white, bottle-brush flower spikes in summer. Probably best with part sun and moist soil. Turkish native. *Cresson*.
- 703**-White flowers on perennial. Height 3-4'. Flowers in midsummer. Beautiful blue foliage. *Ondra*.
- San0600** *Sanguisorba canadensis*. CANADIAN BURNET. Per. Sun/PtShade. 6 x 3'. Summer-Fall.
- 199**-Useful for late bloom, sort of like late cimicifugas. Prefers moist soil. *Cresson*.
- San0750** *Sanguisorba hakusanensis*. Per. Sun. 3½ x 2'. Summer.
- 199**-Pink blooms. Rare Japanese perennial with grey-green leaves and pink bottlebrush flowers in July-August. Sun/PtShade in moist soil, 18 - 24" tall. *Cresson*.
- San1800** *Sanguisorba species*. Per. Sun/PtShade.
- 1865**-Maroon flowers. Pinnate leaves, cylindrical flowers on 3-4' stems, from late summer into fall. Yellow fall color. Possibly *Sanguisorba tenuifolia*. Self-seeds. Germ: W; L. *Bennett*.
- San1850** *Sanguisorba tenuifolia* 'Purpurea'. Per. Sun/PtShade. 5' x 18"; from 4-6' in bloom. Fall.
- 199**-Small, deep maroon bottlebrushes atop tall branched stems are a great companion to late perennials. *Cresson*.
- Sar1450** *Sarracenia flava*. Per.
- 1114**-Yellow flowers. Cold hardy to zone 5. Produces tall wide-mouthed tubes from April to June, with large, fragrant yellow flowers in April/May. Water with rainwater only. Full sun. Constant moisture. Germ: CMS: 30-40 d; BH SS; SR; 20-30 d. *Aquascapes Unlimited*.
- Sar1650** *Sarracenia purpurea* subsp. *purpurea*. COMMON PITCHER PLANT. Per. Sun/PtShade. 6-12 x 6-9". Summer. Zone 4-9.
- 1114**-Deep red flowers. The mid-Atlantic's only native pitcher plant. Cold hardy to zone 3, can be found growing in glacial bogs in North and Western PA and in the pine barrens of NJ, MD, and NY. Water with rainwater only, full sun, constant moisture. Germ: CMS: 30-40 d; BH; SS; 20-30 d. *Aquascapes Unlimited*.
- Sca1000** *Scabiosa atropurpurea*. PINCUSHION FLOWER. An.
- 592**-Scabious red purple blooms with pink anthers. Great bouquets, pincushion color contrast striking up close. Second sowing compensates for ranginess. Deer/woodchuck leave it alone. Germ: NST. *Malocsay*.
- Sca1650** *Scabiosa lucida*. SCABIOUS. Per. Sun. 10 x 10"; to 12" in bloom. Summer.
- 118**-In late spring, light blue, dense heads are surrounded by bristly, involucre bracts. Deep green, pinnatifid foliage forms a basal rosette. Perennial to 15". Self-sows. Well-drained soil. Sun. Germ: CMS: 42 d, BC. *Stonecrop Gardens*.
- Sca2400** *Scadoxus* 'Konig Albert' ('King Albert'). Bulb.
- 199**-Red blooms. German hybrid *S. puniceus* x *S. multiflorus* ssp. *katherinae*. Bright red flowers. Spherical flower heads, 2' high in summer. Wide, nearly evergreen foliage. Red berries, fall/winter. Easy tropical pot plant. Warm or cool and nearly dry in winter, like clivia. Likes my shaded patio in summer. *Cresson*.
- Sci1500** *Scilla peruviana*. Bulb. Sun/PtShade. 9". Spring.
- 817**-A glorious 4-5" globe of blue flowers in spring. Foliage returns in fall and was untouched by last winter's single digits. Long proven hardy in zone 7. Sun. *Ruhen*.
- Sci2000** *Scilla scilloides*. Bulb. Sun/PtShade. 2'. Summer.
- 1865**-Lavender flowers in August. Bulb. Will self-sow. Germ: W; D; NST; 10 d. *Bennett*.
- Sci2020** *Scilla scilloides* (late form). CHINESE SCILLA. Bulb. Sun/PtShade. 2'. Summer-Fall.
- 199**-Often grown under the misnomer *S. numidica*, this late blooming form is a bit huskier and deeper in color. Self-sows vigorously in the rock garden, so deadhead. Try near early colchicums. Blooms August-September. *Cresson*.
- Sci2030** *Scilla scilloides* (short form). CHINESE SCILLA. Bulb. Sun/PtShade. 8". Summer.
- 199**-Pinkish lavender. A short form of this variable and often misidentified species. Multiplies into clumps of 10" tall spikes, blooming in late August-September. Summer dormant. Very hardy. *Cresson*.
- Sci3050** *Scilla siberica* 'Spring Beauty'. SIBERIAN SQUILL. Bulb. Sun/PtShade. ½". Spring. Zone 2-8.
- 2937**-Blue blooms. Seeds from 'spring beauty', will self seed vigorously but I can think of worse weeds to have. *Bittmann*.
- Scu0500** *Scutellaria altissima*. SKULLCAP. Per. Sun/PtShade. 24-48 x 15-18". Summer. Zone 4-10.
- 2515**-Blue flowers. Leaves are serrated and are very pretty with the flowers. Bloomed for me the first year from seed. What an unexpected surprise! This year by removing the spent flowers, I had a repeat bloom time in September. Germ: NST. *Doblmaier*.
- Scu2010** *Scutellaria diffusa*. SKULLCAP. An. Sun/PtShade. 6 x 10". Summer.
- 199**-Lavender-blue flowers. Attractive compact rock garden plant. Self-sows freely. Grayish foliage. Evenly moist to dry soil. *Cresson*.
- Scu4010** *Scutellaria incana*. DOWNY SKULLCAP. Per. Sun/PtShade. 2-3 x 2". Summer-Fall.
- 199**-Light blue. Attractive gray-green foliage. the combination of light blue flowers and gray foliage is charming, particularly in dry moderate shade under white pine or beech, which it seems to prefer to my richer flower borders. *Cresson*.
- 1865**-Pale blue blooms. Well-drained soil in part shade. Germ: W. *Bennett*.

- 2294-Light blue blooms. Native. *Squitiere*.
- Scu4400** *Scutellaria ovata*. HEART-LEAF SKULLCAP. Per. 12–28". Late Spring–Early Summer.
- 446-Native Eastern U.S. Lots of blue flowers in midsummer. Sun to part shade in good soil. Good companion plant. Germ: NST. *Humphrey*.
- Scu4900** *Scutellaria* species.
- 199-Blue blooms. I don't know the species of this bushy plant of open loose habit. Probably an annual here. Blooms most of summer, 8 x 12". *Cresson*.
- Sed1550** *Sedum sieboldii*. OCTOBER DAPHNE. Per. Sun. 6–12 x 12". Summer–Fall. Zone 3–9.
- 199-Deep pink blooms. A favorite little clumping sedum of arching stems with silvery blue foliage all summer and deep pink flowers in October. Looks wonderful hanging out of a wall or among rocks. *Cresson*.
- Sed1600** *Sedum spectabile*. Per. Sun/PtSun. 1–3 x 1–3'. Fall. Zone 4–9.
- 199-Bright pink blooms. Old fashioned bushy clumping perennial with large, light green leaves and flat flower heads of hot pink flowers. Sun or moderate shade in almost any soil, even poor and dry. Perfect with colchicum and *Lespedeza thunbergii*. About 1' tall and wide. *Cresson*.
- Sen1800** *Senna hebecarpa*. WILD SENNA. Per. Shade. 4–6 x 2½'. Summer.
- 199-Yellow flowers. Branched heads of yellow pea-shaped flowers. Self-sows in my meadow. Tropical appearance. Native. *Cresson*.
- 355-Light yellow to orange blossoms. Tolerates drought, heavy shade, dry soil, shallow-rocky soil. Germ: W, SIS. *Greenwood*.
- 2294-Yellow pealike flowers blooms. Perennial, full sun, 3–6'. Native. *Squitiere*.
- Sen2010** *Senna marilandica* (syn. *Cassia marilandica*). WILD SENNA. Per. Sun/PtShade. 3–6 x 2–3'. Summer–Fall.
- 1684-Pale yellow flowers followed by black beans. Bright green foliage. Germ: CMS; W, 2–8 wk after short (2 wk) cold cycle. *Broekhuis*.
- Sil0050** *Silene armeria*. SWEET WILLIAM CATCHFLY, NONE-SO-PRETTY. An. Sun/PtShade. 18–24" in bloom. Summer.
- 797-Hot pink blooms. Germ: SIS; NST. Self-sows. *Robinson*.
- 1918-A short-lived, pink blooming, perennial grown as an annual in zone 7, *S. armeria* has bright pink flowers in midsummer on plants that grow up to 1' high. Well drained dry-to-medium moisture soils in full sun. Germ: BC, SIS. Seed should be sown outdoors 3 wk before last frost in the spring, or may be started indoors 8–10 wk before the last frost and then transplanted. It may be helpful to sow the seed mixed with coarse sand. *Carey*.
- 2294-Hot pink flowers, glaucous 6" foliage. Cool season grower. Self-seeds. Can bloom in fall after summer self-seeding. Germ: NST. Easy. Scatter seed. *Squitiere*.
- 2483-Very bright pink blooms. This plant came to my garden as piggy-back volunteers in pots of daylily seedlings from a friend. They were sea-green rosettes that wintered over like biennials and flowered the following summer. A beautiful surprise. Germ: Freely self-sows - perhaps too much for some; can be wintersown - www.wintersown.org. *Barrett*.
- 9980-Vivid dark pink, rose-purple flowers. Blue-green foliage. Germ: NST; SIS. Self-sows. *Chanticleer*.
- Sil1700** *Silene regia*. ROYAL CATCHFLY. Per. Sun/PtShade. 2½ x 1'. Summer.
- 446-Red. Good soil. Attracts hummingbirds. Long-lived once established. Good in association with well-behaved deciduous shrubs for support. Contains seed of some pink forms. Germ: W, 14–20d, then C, 30d. *Humphrey*.
- 1277-Red flowers. Grow on the dry side. Very similar to *Silene virginica*, Fire Pink. *Haas*.
- Sil4260** *Silphium perfoliatum*. CUP PLANT. Per. Sun/PtShade. 8 x 3'. Summer–Fall.
- 817-*Ruhren*.
- 1277-Yellow flowers. *Haas*.
- 1918-Yellow blooms. *S. perfoliatum* grows 4–10' each season. The leaves clasp its stems, collecting rainwater. A favorite of finches, other small birds, and bees, it blooms with small yellow flowers in mid-late summer and provides seed for birds and other wildlife in the fall. Direct sow in mid-late fall and spring, or cold moist stratify for 3 mo before sowing for best results. Germ: CMS: 90 d, SIS. *Carey*.
- 2429-Tall, yellow daisy with large leaves and square stems. *Bricker*.
- 3006-Prairie native, to 7 x 4'. Sprays of small 1½" yellow flowers from late summer onwards. May have green or possibly dark purple square stem. Statuesque! *Mayer*.
- Sil4450** *Silphium trifoliatum* var. *latifolium*. WHORLED ROSINWEED. Per. Sun. Summer/Fall. Zone 6–8.
- 647-Lemon yellow blooms on 4–6' showy prairie plant that grows well in gardens. Tolerant of many areas, but prefers dry, open, sunny. Germ: CMS: 30d, 60d. Can take several years to mature when planted as seed. Spray to discourage deer. A refined silphium. *Mirick*.
- Sin1200** *Sinningia selovii*. Per. 2 x 4'. Summer.
- 446-Red blooms. African violet relative from Southern Brazil, from large, thickened corm. Hummingbird flowers. Greenhouse or just above freezing in winter. Germ: NST. *Humphrey*.
- Sin2010** *Sinocalycanthus chinensis*. ALLSPICE. Shrub. Sun/PtShade. 5–10 x 5–10". Spring.
- 926-White with maroon markings. Chinese cousin of our native sweetshrub. Germ: CMS: 90d. *Streeter*.
- Sin3500** *Sinojackia xylocarpa*. JACK TREE. Tree. Sun/PtShade. 15–20 x 12–15'. Spring. Zone 6–9.
- 522-White pendulous flowers on a small tree, similar to styrax. Notable for top-like speckled fruits. Source: Fairweather Gardens. *Kushner*.
- Sis0900** *Sisyrinchium idahoense*. BLUE-EYED GRASS. Per. Sun. 6 x 12". Spring–Summer.

## *Skimmia japonica* – *Stylophorum diphyllum*

- 1684**-Blue flowers. Similar to *S. angustifolium*, with slender iris-like leaves to 6" tall and lots of yellow-centered blue (with a hint of violet) flowers in late spring and early summer. Suitable for the rock garden. Germ: WMS: 30d; CMS: 40d. Give warm, then cold treatment before germinating at room temperature *Broekhuis*.
- Ski1100** *Skimmia japonica*. Shrub. PtShade/Shade. 2 x 3'. Spring.
- 199**-White blooms. Most forms of this variable evergreen shrub are low growing with medium size leaves. This is one of the largest forms I have seen, ultimately reaching 5-6 ft tall and wide with large leaves. Female plants bear red berries in winter if a husband is nearby. Best foliage color and health comes with lots of shade. *Cresson*.
- Smi0030** *Smilacina racemosa*. FALSE SOLOMON'S SEAL. Per. Sun/PtShade. 1½ x 1'. Spring.
- 1277**-White flowers with red berries on 3' perennial. *Haas*.
- Sol0100** *Solanum aethiopicum*. Shrub. Sun/PtSun. Up to 8'. Summer. Zone 9–11.
- 2515**-Whitish purple blooms. The flowers are insignificant. It's the fruit that is most interesting. Leaves and stems have sharp thorns. *Doblmaier*.
- Sol0200** *Solanum atropurpureum*. TenPer. Sun. 3–6 x 3–4'. Summer. Zone 10a–11.
- 2515**-Whitish yellow blooms. Another oddity grown for its leaves, stems and fruit. The stems are purplish, with the leaves being green. Thorny spines cover the stems and leaves. *Doblmaier*.
- Sol1450** *Solidago bicolor*. SILVERROD. Per. Sun/PtShade. 1–3'. Summer–Fall.
- 199**-White flowers. The only white-flowered goldenrod species. Dry shade, clay soil on a wood's edge. White flowers born in terminal spikes. Easy native. Originally from Eastern Shore of Maryland in dry shade, clay soil on a wood's edge. *Cresson*.
- Sol1500** *Solidago caesia*. WREATH GOLDENROD. Per. PtShade/Shade. 2'. Fall.
- 199**-Yellow flowers. Tolerant of dry shade. A good nonspreading goldenrod for shade that looks great in fall with woodland asters *Cresson*.
- Sol1650** *Solidago flexicaulis*. ZIGZAG GOLDENROD. Per. Sun/PtShade. 2–3 x 1'. Summer–Fall.
- 2137**-Yellow bloom. Native, spreads via rhizomes *Boylan*.
- Sol4300** *Solidago tenuifolia*. Per. Sun/PtShade. 6 x 2'. Summer–Fall.
- 199**-Yellow flowers. Widely branched, open flower heads atop slender stems with narrow leaves. One of the few fragrant goldenrods. *Cresson*.
- Sop1050** *Sophora davidii*. Shrub. Sun. 8 x 10'. Spring–Early Summer.
- 199**-Lavender-blue flowers. This central Chinese shrub tolerates heat, drought and humidity, perfect for the "new climate". Clusters of pea-like flowers in May. Finely textured compound foliage all summer. Prune occasionally to keep dense. *Cresson*.
- Sor8600** *Sorghastrum nutans*. INDIAN GRASS. PerGrass. Sun.
- 1684**-Reddish tan blooms. Clumping grass native to U.S. prairies. Upright with plumes in early fall. Germ: CMS: 60d; W, 7d. *Broekhuis*.
- Spi1250** *Spigelia marilandica*. INDIAN PINK. Per. Shade/PtShade. 1–2 x 1–2'. Spring–Summer. Zone 5–9.
- 446**-Red and yellow. Some repeat bloom. Germ: Plant outdoors in Feb. for germination in May. *Humphrey*.
- 1999**-Red with yellow interior blooms which attract hummingbirds. Germ: CMS;BC. *Norfolk Botanical*.
- 2294**-Red with yellow highlights blooms. Perennial, morning sun, pm shade, 18-24", hummer plant. Native. *Squitiere*.
- \*\*\*\*\* *Spilanthes* species. See: *Acmella* species.
- Spi7000** *Spiranthes cernua* var. *odorata*. COMMON LADIES' TRESSES. Per. PtShade. 9–24 x 9–12". Fall.
- 1277**-White flowers on a perennial bog plant. Very late blooming. Heavenly fragrance. Needs acid, low-nutrient, moist conditions. I sprinkled seeds in my container bog garden and have about a hundred of them growing. *Haas*.
- Spo1010** *Sporobolus heterolepis*. PRAIRIE DROPSEED. PerGrass. Sun. 2–3 x 2–3'. Late Summer–Fall. Zone 3–9.
- 2429**-*Bricker*.
- Sta2300** *Stachys byzantina*. LAMB'S EARS. Per. Sun. 1½ x 1'. Summer.
- 2483**-Pink flowers. Grown for its thick, silvery woolly leaves so pretty over a wall or any dry sunny spot, although seems to do well in partial shade, too. Not bothered by deer or other critters, and from time to time our cats have loved to snooze in it, which has done it no harm. *Barrett*.
- Sta3200** *Stachys minima*. DWARF BETONY. Per. Sun/PtShade. 6–12 x 15–18". Spring–Summer.
- 1607**-Pink-purple flowers. Rosettes of crinkly leaves bear 4-6" spikes of pink-purple flowers in early to midsummer. Plants do well in full sun and well-drained soil. Easy to grow. *Jellinek*.
- 2137**-Lavender flowers in June-July. Dense, ground-hugging rosettes of deep green foliage on small plants. Good for rock gardens and troughs. Germ: W; NST. *Boylan*.
- Sta3340** *Stachys officinalis* 'Hummelo'. PURPLE BETONY. Per. Sun/PtShade. 24–36 x 18–24". Summer. Zone 4–9.
- 2294**-Pink-purple blooms. Perennial, low rosette of foliage, spikes of bottlebrush flowers. Sun. Nice plant. *Squitiere*.
- Ste0850** *Stewartia monadelphica*. TALL STEWARTIA. Tree/Shrub. Sun/PtShade. 80 x 25'. Summer.
- 951**-Gorgeous cinnamon red bark, russet, red fall color, white summer flowers *Tracey*.
- 1865**-White blooms. ornamental bark, flowers in June. Germ: Cycle: 3-5 mo WMS then 3 mo CMS. *Bennett*.
- Sty0500** *Stylophorum diphyllum*. CELANDINE POPPY. Per. PtShade/Shade. 1–1½ x ½–1'. Spring.
- 2294**-Yellow blooms. Native for shade. Seeds around. *Squitiere*.

**Sty4800** *Styrax americanus*. AMERICAN SNOWBELL. Shrub. Sun/PtShade. 10 x 10'. Spring.

**45**-White flowers in spring. This Southeast Coast native is a pleasant small tree or large shrub. Try growing it! Germ: Cycle; OW; 2 yr. *Bartlett*.

**1865**-White, bell-shaped flowers in May on 6-10' shrub. Germ: R, OW 3 mo. *Bennett*.

**Sty5020** *Styrax japonicus*. JAPANESE SNOWBELL. Tree. Sun. 25 x 20'. Spring. Zone 5-9.

**522**-White. Good specimen tree with fragrant, pendulous blossoms. Interesting structure. Germ: SR. *Kushner*.

**926**-Round seeds. White flowers. Handsome, small tree with fragrant, pendant white flowers. Germ: WMS 5mo, CMS 3mo. *Streeter*.

**1684**-White flowers on an elegant small tree. Chock full of pendulous flowers in late spring. *Broekhuis*.

**1865**-White flowers in May on small tree. Germ: WMS: 5 mo; R: 3 mo. *Bennett*.

**Sty5150** *Styrax japonicus* 'Emerald Pagoda'. Tree. Sun/PtShade. 20-30 x 20-30'. Spring-Early Summer. Zone 5a-9a.

**522**-White flowers. A J. C. Ralston introduction from South Korea. Has larger leaves and flowers than the species. Good article on styraxes in June 2014 issue of the RHS *The Plantsman*. *Kushner*.

**Sty5550** *Styrax obassia*. FRAGRANT SNOWBALL. Tree. Sun/PtShade. 20-30 x 15-25'. Spring. Zone 5-8.

**522**-White flowers. More robust than *S. japonicus*, leaves larger. Same bell-shaped, fragrant flowers. Germ: WMS, 90 d, CMS, 90 d, Cycle warm then cold; C. *Kushner*.

**Suc1000** *Succisella inflexa* Frosted Pearls™. DEVIL'S BIT. Per. Sun/PtShade. 30 x 18". Summer. Zone 5+.

**199**-White/pink blooms. 1-2' stems, with white knautia-like flowers from pink buds, arise from basal rosettes in summer. Probably prefers a moist location in part sun. *Cresson*.

**Sym1000** *Symphoricarpos orbiculatus*. Shrub. Sun/PtShade. 2-5 x 6-8'. Summer.

**446**-Ivory-pink blooms. Deciduous native shrub to 5 x 5'. Pink berries in fall and winter. *Humphrey*.

**Syn1250** *Syneilesis aconitifolia*. SHREDDED UMBRELLA PLANT. Per. PtShade/Shade. 15"; to 2½' in bloom.

**1017**-*Whitesell*.

**1607**-White flowers, but this plant is all about the foliage-like a tiny umbrella covered with dense silvery hairs as it emerges in early spring, turning shiny, leathery and deeply cut as the leaves enlarge. Grown from seed from the HPS Seed Exchange, several years ago. *Jellinek*.

**Syn1500** *Syneilesis palmata*. Per. PtShade/Shade. 15". Summer.

**1277**-White small flowers. Emerging leaves look like ghosts, shrouded in shaggy silver hairs. Fully emerged, they look like umbrellas. An intriguing plant. *Haas*.

**Tag2000** *Tagetes patula*. HARLEQUIN AND VILLANDRY MARIGOLDS. TenPer. Sun. 6-12 x 3-6". Summer-Fall.

**3006**-Lemon yellow blooms. 15 x 15" annual, full sun. *Mayer*.

**Tal1150** *Talinum calycinum*. FAMEFLOWER. Per. Sun. 4 x 10-12". Summer-Fall.

**522**-Rose pink flowers only open for short time in the afternoon. Lovely rock garden plant. Blooms from May-August. Zones 5-9. Germ: R, then 70°. *Kushner*.

**Tal1250** *Talinum paniculatum*. JEWELS OF OPAR, FAMEFLOWER. An. Sun. 1 x 2'; to 3' in bloom. Summer.

**1684**-Pink blooms. Stays as a low rosette of bright-green, slightly succulent leaves for the first half of the season, then sends up dark wiry many-branched stems holding a profusion of small pink cup flowers, to about 2' tall. I'm always glad to see the volunteers in late spring. Germ: W, L. *Broekhuis*.

**Tal1260** *Talinum paniculatum* 'Kingwood Gold'. GOLDEN JEWELS OF OPAR. An. Sun. 8-10"; to 12" in bloom. Summer-Fall.

**65**-Rosy pink. Chartreuse foliage is main reason for growing this plant. Self-sows. *Berger*.

**318**-Pink flowers. Chartreuse foliage is fleshy. Airy spikes of flower stems topped by pink flowers followed by red seed heads. Germ: NST; BC; W, 14d; or SIS. Self-sows. *Garnett*.

**522**-Pink/orange. Lovely, bright, fleshy, chartreuse foliage topped by graceful panicles of tiny pink and orange flowers, turning to carmine berries as they mature. Self-sows. *Kushner*.

**554**-Striking chartreuse foliage on vigorous plants, followed by wiry stems topped by red seedpods. Germ: NST; SIS. *Levine*.

**951**-Pink. Chartreuse foliage accents summer garden. Great front-of-border filler. Self-sows nicely and reliably. Germ: NST; BC; W, 1-2wk. *Tracey*.

**2294**-Pink blossoms on wiry spikes, then red seed heads, with chartreuse foliage. Annual, sun to part shade, 8-10" in bloom, front of the border plant, charming, self-sows *Squitiere*.

**2429**-*Bricker*.

**Tan2010** *Tanacetum parthenium*. FEVERFEW. Per. Sun. 8-10"; to 2' in bloom. Summer.

**199**-White blooms. Biennial or annual plants with many small daisy flowers. This is a unique heirloom form with domed yellow centers surrounded by white petals. Has been in my garden for many decades. 2-3' tall. *Cresson*.

**1918**-Yellow and white blooms. A perennial herb that grows 1-2' high, *T. parthenium* blooms in summer with little daisy-like flowers. Its foliage is aromatic. Full sun and well-drained soil. Germ: SS, SIS. *Carey*.

**Tan3100** *Tanacetum vulgare*. Per. Sun/PtSun. 1-3 x 1-2'. Summer. Zone 3-8.

**1918**-Yellow blooms. A perennial herb that grows 2-6" each season, *T. vulgare* tolerates most garden soils. It has aromatic, pinnately divided foliage. Blooms in mid- to late-summer with golden yellow button-like flowers. Spreads by rhizomes and may seed in. Germ: BC, SS. *Carey*.

**Tax1250** *Taxodium distichum*. BALD CYPRESS. Tree. Sun. 50-70 x 20-30'.

- 3001**-Deciduous conifer to 70'. Grows fastest in warmer climate, though hardy Zones 5-9. Aquatic in southern states, can be grown as single specimen and drier soil in the North. Germ: CMS: 90d, R. *Gregg*.
- Tel1250** *Telekia speciosa*. HEART-LEAVED OX EYE. Per. Sun/PtShade. 1½ x 3'; to 3' in bloom. Summer.
- 199**-Yellow daisies on sturdy branched stems in early summer. Large light green basal leaves. *Cresson*.
- 1684**-Yellow blooms. Sunflower relative with large, coarsely triangular leaves, from which flowering stems arise in late summer, growing to 4-5'. The yellow rays are wispy-narrow, around a robust central dark-yellow disk. (Aka *Buphthalmum speciosum*.) Germ: W; NST. *Broekhuis*.
- Tet1050** *Tetradium daniellii* (syn. *Evodia daniellii*, *E. hupehensis*). KOREAN EVODIA. Tree. Sun. 40 x 30'. Summer.
- 2294**-White corymbs blooms. 25-30' small tree, small white flowers in 4-6" broad corymbs in June. Fruit is a capsule, red to black. Very interesting small tree. *Squitiere*.
- Tha1500** *Thalictrum aquilegifolium*. MEADOW RUE. Per. PtShade. 3 x 1½'. Late Spring/Early Summer.
- 1277**-Yellow-striped bloom with white stamens. *Haas*.
- Tha1600** *Thalictrum chelidonii*. Per. Sun/PtShade. 1-2 x 2'; from 3-7' in bloom. Summer. Zone 5-9.
- 1684**-Violet-blue flowers. Taller-growing (5-6') lookalike of *Thalictrum rochebrunianum* -- 1'm a thalictrophile, and this is a new favorite. Germ: Cycle: WMS: 20d/ CMS; 40d. *Broekhuis*.
- Tha2550** *Thalictrum lucidum*. Per. Sun/PtShade. 3½ x 1½'; to 7' in bloom. Summer.
- 1277**-Pale yellow flowers, elegant foliage. Tall (to 6'). *Haas*.
- Tha3650** *Thalictrum rochebrunianum*. LAVENDER MIST, MEADOW RUE. Per. Sun/PtShade. 1-2 x 2'; from 3-7' in bloom. Summer.
- 522**-Lavender/pink flowers. Tall, airy sprays of delicate lavender flowers. My soil is rich, so I had to stake the plants when they grew taller than I am. Germ: BC; OW, 1-3mo. Best germination occurred with outdoor planting of seeds, which germinated in April. *Kushner*.
- 1277**-Lavender flowers. Tall, airy, and delicate looking see-through plant with pretty, blue-green foliage. *Haas*.
- Tha4250** *Thalictrum uchiyamae*. MEADOW RUE. Per. Sun/PtShade. Summer.
- 199**-Greenish white flowers. Very rare Korean species. Successfully weaves up through shrubs. A texture plant. *Cresson*.
- Tha1550** *Thermopsis montana*. GOLDEN PEA. Per.
- 446**-Lovely yellow flowers in racemes, three-part leaves. Bloom in midspring. Ordinary garden soil in sun to light shade. From western mountains. Germ: Nick seeds and soak for 12 hr, then sow warm. *Humphrey*.
- Tha2050** *Thermopsis villosa* (syn. *T. caroliniana*). SOUTHERN LUPINE, CAROLINA LUPINE. Per. Sun/PtShade. 4-7 x 2-4'. Late Spring-Summer.
- 1277**-Yellow flowers. Does not tend to flop. *Haas*.
- 2294**-Yellow pealike blooms. Nick seed. Perennial, early summer bloom. *Squitiere*.
- 2429**-*Bricker*.
- Tig1000** *Tigridia pavonia*. TenBulb. Sun. 12-24 x 8". Summer.
- 199**-Yellow, orange, pink, or red blooms. Nearly hardy bulb. Exotically marked blooms, late summer. Great "jack-in-the-box" plant among mid-size perennials and annuals. Should be better known! Dig and store dry for winter. Sun. 2-3'. *Cresson*.
- Til0200** *Tillandsia butzii*. TenPer. PtSun/Shade. 4-10".
- 9976**-Carmine blooms on 4-10" tall bulbous base with purple spots. Grassy green thin leaves. Native to Costa Rica and Mexico. Likes warm, humid conditions and low light. Frequent misting if hot and dry. Likes to grow on cork, grapewood, etc... Germ: W, L, SIS. Sow seeds on a piece of cork, NOT SOIL. Mist frequently. *Wave Hill Gardeners*.
- Tin0030** *Tinantia erecta*. WIDOW'S TEARS. An./TenPer. PtShade. 3'. Summer-Fall.
- 703**-Pink blooms on annual. Height 2-4'. Clusters of pink flowers open from mid- or late summer to frost. Germ: Self sows. *Ondra*.
- 2515**-Light purple bloom. This annual grows quickly. Will need to deadhead to have continuous bloom. Has self-sown after it's first year in my garden. *Doblmaier*.
- Tit2260** *Tithonia rotundifolia* 'Torch'. MEXICAN SUNFLOWER. An. Sun. 4-6 x 1'. Summer-Fall.
- 965**-Brilliant orange-red flowers. A butterfly magnet and a great color contrast with true blues. Germ: W. *Umphrey*.
- Tri1300** *Tricyrtis dilatata*. TOAD LILY. Per. PtShade. 3 x 2'. Summer-Fall.
- 199**-White, spotted purple flower. Although botanists no longer consider this as separate from *T. macropoda*, it is horticulturally distinct in leaf shape and blooms a month earlier in August. *Cresson*.
- Tri2000** *Tricyrtis formosana* 'Sinonome'. TOAD LILY. Per. PtShade/Shade. 40". Fall
- 318**-Flowers white with maroon spots. Branched, arched stems. October blooms that are more at terminals and more spreading, upright than *T. hirta*. *Garnett*.
- Tri3000** *Tricyrtis hirta*. TOAD LILY. Per. PtShade/Shade. 1½ x 1½'. Fall. Zone 4-8.
- 1277**-White with purple-spotted flowers. Perennial. Shade. Late blooming, 2'. *Haas*.
- 2294**-Purple and white blooms on 2½' toad lily in late summer. Shady moist conditions. *Squitiere*.
- Tri3020** *Tricyrtis hirta* 'Alba'. TOAD LILY. Per. PtShade. 2-3'. Fall.
- 199**-White flowers. Vigorous plant with anthracnose-resistant foliage. Makes a good show. *Cresson*.
- 1865**-White blooms in September, seeds are from plants in vicinity of non-white *T. hirta*. Germ: CMS: 90d; W, L. *Bennett*.
- Tri3100** *Tricyrtis hirta* 'Miyazaki'. TOAD LILY. Per. PtShade/Shade. 4 x 2'. Late Summer-Fall.

- 318**-Pale lilac flowers with purple spots. Such a lovely sight?small orchid-like blooms along the arching stems in September. Forms nice clumps and self-sows. Germ: CMS; Sow in cold frame in fall or early spring. Takes 6mo to reach transplanting size. *Garnett*.
- Tri3200** *Tricyrtis hirta* ‘White Towers’. TOAD LILY. Per. 24–30”. Late Summer.
- 1277**-White flowers. Perennial. Late-blooming shade plant, 2’. *Haas*.
- Tri3950** *Tricyrtis latifolia*. TOAD LILY. Per. PtShade. 3 x 1’. Early Summer.
- 199**-Flowers greenish yellow outside with yellow spotted brown inside. *Cresson*.
- 318**-Green-yellow flowers with brown spots. More upright than arching. Blooms in July. Self-sows. Germ: SS. *Garnett*.
- 2137**-Blooms in summer. *Boylan*.
- Tri4010** *Tricyrtis macropoda*. TOAD LILY. Per. PtShade/Shade. 3 x 3’. Summer–Fall.
- 199**-White flowers with reddish spots. Masses of flowers in Sept. Parent plant of wild origin in Hubei, China. *Cresson*.
- 1277**-White flower with purple spots. Perennial. Stiffly upright, earlier-blooming (late August/September) shade plant. *Haas*.
- 1684**-Speckled two-tiered flowers, plants grow to 18” in our garden. Germ: L. *Broekhuis*.
- Tri5010** *Tridens flavus*. PURPLETOP. Grass.
- 3006**-Purple top 3-5’, sun or light shade. Tiny breezes sway this subtle and graceful wispy grass. Purple panicles fade to beige in late fall. Perennial native. Indigenous seed collected from 21013 zipcode. *Mayer*.
- Tri5310** *Trillium grandiflorum*. Per. PtShade. 6 x 6”. Spring.
- 522**-Large white blooms, which then fade to pink, 3” long. Dependable woodland perennial. *Kushner*.
- Tro8000** *Tropaeolum majus* Alaska Series. NASTURTIUM. An/TenPer. Sun/PtShade. 6–12 x 6–9”. Summer. Zone 10–11.
- 554**-Edible, orange flowers, variegated leaves. Great filler plant in containers or spilling over walls. *Levine*.
- 943**-Mixed flowers, variegated foliage. *Thomas*.
- Tro8500** *Tropaeolum majus* ‘Moonlight’. An. Sun.
- 554**-Creamy yellow blooms. Vigorous grower with large flowers. Will climb if given a trellis or nearby shrub to scramble on. Germ: SIS. *Levine*.
- Twe1050** *Tweedia caerulea*. TenPer./An. Sun. Summer.
- 554**-Blue flowers. *Levine*.
- Vel4250** *Veltheimia bracteata*. TenBulb. Sun. 1½’. Spring.
- 45**-Pink or yellow blooms on a tender South African bulb. Flowers in March. Easy to grow and dramatic in flower. Germ: NST. *Bartlett*.
- 926**-Pale-pink and green flowers. A tender South African bulb with glossy, wavy-edged foliage and flowers that resemble a pale pink kniphofia. Germ: NST. *Streeter*.
- Ver1010** *Verbascum chaixii*. Per. Sun. 3 x 12”; from 3–4’ in bloom. Summer.
- 926**-Pale yellow, mauve eye. Some seed may be *V. chaixii* ‘Album’. *Streeter*.
- 2294**-Yellow blooms, with red center. Tall spike, green large leaves, perennial, full sun/ptshade. Germ: SIS. Seeds around. *Squitiere*.
- Ver1120** *Verbascum chaixii* ‘Album’. MULLEIN. Per. Sun. 3 x 12”; from 3–4’ in bloom. Summer.
- 1580**-White or yellow flowers on 3’ tall spikes from May to June with late flowers if deadheaded. Prefers full sun and well-drained soil. If happy it will seed around. Deadhead after flowering if this is undesirable. Germ: W, BC. *Romenesko*.
- Ver3100** *Verbena bonariensis*. PURPLE VERBENA, BRAZILIAN VERBENA. TenPer. Sun/PtShade. 4 x ½’. Summer–Fall.
- 318**-*Garnett*.
- 1918**-Purple blooms on a tall, see-through perennial that is borderline hardy in zone 7. Blooms with purple flower heads from June-frost. Self sows. Germ: NST. *Carey*.
- 2294**-Purple blooms. Tall annual, seeds around, low foliage with flower spikes 4’ tall. Wonderful butterfly plant. *Squitiere*.
- 2937**-*Bittmann*.
- Ver3700** *Verbena urticifolia*.
- 3006**-Good at woodland edge. Unpredictable growth habit but when the delicate bloomstalks fan out, they look like fireworks preserved in action and are charming in bloom and thru late fall. Indigenous seed collected from 21013 zipcode. *Mayer*.
- Ver4010** *Verbesina alternifolia*. WINGSTEM. Per. 9’. Late Summer–Fall.
- 1684**-Yellow flowers, slightly floppy, coreopsis-like flowers on a large wildflower with prominently winged stems. Germ: CMS, 45d; W. *Broekhuis*.
- Ver5850** *Vernonia glauca*. UPLAND NEW YORK IRONWEED. Per. 5 x 3’. Fall.
- 199**-Purple flowers. At 4-5’ this is more garden sized and also blooms a little earlier, in late summer, than many other species. *Cresson*.
- Ver6050** *Vernonia noveboracensis*. IRONWEED. Per. Sun/PtShade. 4–7 x 2–3’. Summer–Fall. Zone 5–8.
- 199**-Violet flowers. Locally native species for large border. *Cresson*.
- 543**-Purple/pink blossoms, native, 6’. Late summer, fall-blooming. Will tolerate wet feet. Germ: NST. *Leasure*.
- 1277**-Purple flowers on 6’ perennial. *Haas*.
- Ver8500** *Veronicastrum virginicum*. CULVER’S ROOT. Per. Sun/PtShade. 6 x 1½’. Summer/Fall.
- 1277**-Bluish white flowers. Nice tall meadow plant. Native. Germ: CMD 3 mo. *Haas*.
- 1607**-White flowers. Tall (3-6’) native perennial, usually found in moist meadows, but has tolerated my sandy soil for more than a decade. *Jellinek*.
- 1684**-White blooms. Germ: W, L. *Broekhuis*.
- Vib2450** *Viburnum nudum*. POSSUMHAW, NAKED WITHEROD. Shrub. Sun/PtShade. 6–10 x 6–10’. Spring–Early Summer.
- 1939**-*Urffer*.

## *Viburnum nudum* – *Zizia aurea*

**Vib2460** *Viburnum nudum* ‘Bulk’ Brandywine. POSSUMHAW VIBURNUM. Shrub. Sun/PtShade. 5–12’. Spring. Zone 5–9.

1277-White blooms on 5’ shrub. *Haas*.

**Vib2550** *Viburnum prunifolium*. BLACKHAW VIBURNUM. Shrub. Sun/PtShade. Zone 3–9.

1277-White flowers. Large shrub/small tree. Leaves reddish in spring and nice fall color. Native. *Haas*.

**Vib2750** *Viburnum setigerum*. TEA VIBURNUM. Shrub. Sun/PtShade. 8–12 x 4–8’. Spring.

1277-White flowers. Red berries. Put seeds in pot, cover with screening, and wait until they germinate. May take two years. Germ: CMS; OW. *Haas*.

**Vig0080** *Vigna unguiculata*.

627-Lavender flowers, reddish-purple beans that grow to 18” (though not a yard!). Beans are tasty if picked thin and not so long. Easy to grow tied on a trellis. Germ: NST. *McShane*.

**Vit1850** *Vitex negundo* var. *heterophylla*. Shrub. Sun. 10 x 10’. Summer/Fall.

45-Purple-blue blooms in July-August. Smaller, hardier, easier to use, and more delicate than *V. agnus-castus*, so better in a small, full sun garden. Interesting leaves. Takes heat and drought well. Germ: NST. Do not over water seedlings, they like to be a bit on the dry side. Easy to keep in cellar. *Bartlett*.

**Xan1050** *Xanthorhiza simplicissima*. YELLOW ROOT. Shrub. 2’. Sun/PtShade. Spring.

2294-Purplish brown blooms. Native ground cover *Squitiere*.

**Zan3200** *Zanthoxylum simulans*. FLATSPINE PRICKLY ASH. Shrub/Tree. 10–20 x 8–10’. Summer. Zone 6.

239-White insignificant flowers. Blooms in July. Red panicles of seed capsules open to show black seeds. Seed originally from Brooklyn Botanic Gardens tree. Spiny bark is quite ornamental. Germ: Scfy, CMS 3mo, W, BC. *Doering*.

3001-Source of Sichuan pepper. Germ: CMS: 2 mo; R. *Gregg*.

**Zea1150** *Zea mays* ‘Field of Dreams’. An. Sun. 5–6’ x 12–18’. Summer.

703-Annual. Height 4-5’ tall. Green leaves striped with white and pink. *Ondra*.

**Zea1300** *Zea mays* ‘Old Gold’. OLD GOLD CORN. An. Sun. Summer.

2937-Yellow variegation on the leaves of this yellow dent corn. *Bittmann*.

**Zep0500** *Zephyranthes* ‘Apricot Queen’. Bulb. Sun/PtShade. 6–12 x 3–6”. Late Summer–Fall. Zone 8a–11.

522-Lovely warm apricot blooms. See listing in Pacific Bulb Society’s zephyranthes page and Plant Delights’ offerings. *Kushner*.

**Zep0750** *Zephyranthes candida*. RAIN LILY. TenBulb. Zone 7–10.

522-Pure white with golden stamens. Floriferous if well sited. *Kushner*.

2294-White, late summer bloom. Low tuft of green grass like foliage. Has been hardy for me for the past 3 yr. *Squitiere*.

**Zep2500** *Zephyranthes flavissima*. TenBulb. Sun. 6 x 6”. Late Summer–Fall.

522-Bright yellow/gold blooms. Yellow rainlily native to Argentina and Brazil. Source: Woodlanders. *Kushner*.

**Zep2890** *Zephyranthes* ‘La Buffa Rose’ (syn. *Z. ‘Labuffarosea’*). GIANT PRAIRIE LILY. TenBulb. Sun/PtShade. 6–10 x 4–6”. Summer–Fall. Zone 7–10.

1999-White nad various shades of pink. Germ: Will self-sow. *Norfolk Botanical*.

**Zep2900** *Zephyranthes La Buffa Rose Group* ‘Apertif’ (syn. *Z. ‘Labuffarosea’*). GIANT PRAIRIE LILY. TenBulb. Sun/PtShade. 6–10 x 4–6”. Summer–Fall. Zone 7–10.

522-Pink and white blooms. Lovely Yucca Do rainlily. *Kushner*.

**Zep3900** *Zephyranthes primulina*. TenBulb. Sun/PtShade. 6–12 x 3–6”. Late Spring–Early Summer. Zone 8a–11.

522-Yellow blooms fading to pink/peach. Very pretty, large flowered rainlily, upward facing blooms. Source: Wild Ginger Farm. *Kushner*.

**Zep4500** *Zephyranthes species*. RAIN LILY. TenBulb. Sun. 6 x 6”. Late Summer–Fall.

522-Lovely peach/pink blooms. An unknown zephyranthes. *Kushner*.

**Zin1450** *Zinnia elegans* ‘Lilliput Mix’. An. Sun. 18–24”. Summer.

2294-Annual mixed blooms. Open-pollinated seeds will be true, 2-3’ high plants. *Squitiere*.

**Ziz2040** *Zizia aptera*. HEARTLEAF ALEXANDER. Per. Sun/PtShade/Shade. Late Spring.

2429-Yellow flowers in flat-topped umbels over evergreen leaves. Germ: CMS: 90 d. *Bricker*.

**Ziz2150** *Zizia aurea*. GOLDEN ALEXANDERS. Per. Sun. 2–2½’. Spring–Early Summer.

965-Yellow blooms late spring through early summer. A sturdy native umbel for shade. *Umphrey*.

2294-Yellow, early spring blooms. Native perennial, can be short lived but will re-seed. *Squitiere*.

2515-Yellow late spring/early summer bloom. *Doblmaier*.

# Order Form

**Ordering:** Send your form and check to:

Mary Ann Thomas  
8600 Elliston Drive  
Wyndmoor PA 19038

**Shipping:** Provide if address is different from that in the HPS/MAG Directory

Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

City, State Zip: \_\_\_\_\_

## Placing Your Seed Order

Only HPS/MAG members may order. If you are not a member, please join. When ordering, you must list the Plant Code and Botanical Name of each plant in alphanumeric order. List the Donor Code only if you want seed provided by a specific donor. If the supply of that donor's seed is gone, we will send seed of the same plant but from an alternate donor if available. If all that particular seed is gone, we will provide an alternate from your Alternate Choices List. Seed packets will indicate the Plant Code, Donor Code and Name. Retain the Catalog for additional information about your seed.

Each member may order 25 packets of seed, limited to one packet of any particular seed/donor combination. Members who donated five or more types of seed to this year's Exchange, as well as this year's Seed Exchange volunteers, may order 10 bonus packets.

Detach the order form or copy from the website. Complete and send it with your check for \$15.00 payable to **HPS/MAG**. Submit your order as early as possible to enhance the likelihood of receiving all your first choices. The order deadline is January 17. Orders received post-deadline will be filled as the supply of seed permits. Orders postmarked after January 17 must

include a check for \$20.00 to cover a late order surcharge of \$5.00. Late orders sent without the surcharge will be returned. Orders postmarked after January 31 will not be filled; the check will be returned.

Dual members of a single household may each place an order; each order requires the \$15.00 fee and only one is entitled to the donor/volunteer bonus, if applicable.

Seed orders will be filled in the order received; requests from donors and volunteers will be honored first. Supplies of some seed are very limited, so read through the list, make your choices, and send in your order today.

### First Choices List:

Identify in alphanumeric order. *Please print neatly!*

### Donor/Volunteer Bonus Seeds:

Continue listing in alphanumeric order **only** if you are a donor or a volunteer

	Plant Code	Botanical Name	Donor Code		Plant Code	Botanical Name	Donor Code
	Xxx000	<i>Genus &amp; specific epithet 'Cultivar If Available'</i>	000	26			
1				27			
2				28			
3				29			
4				30			
5				31			
6				32			
7				33			
8				34			
9				35			
10	<b>Alternate Choices List: Identify in order of preference.</b>						
11				1			
12				2			
13				3			
14				4			
15				5			
16				6			
17				7			
18				8			
19				9			
20				10			
21				11			
22				12			
23				13			
24				14			
25				15			

Loretta DeMarco  
603 Walnut Lane  
Philadelphia PA 19128-1713

# FIRST CLASS



MID-ATLANTIC GROUP

## SEED EXCHANGE CATALOG

Be sure to keep this Seed List!  
Seed packets will be labeled  
with plant names and basic  
data, but the list contains addi-  
tional information about your  
seeds.

