



MID-ATLANTIC GROUP

2023-2024 Seed Exchange Catalog

The 30th annual edition of the Seed Exchange Catalog includes 881 seed donations contributed by 62 gardeners, from beginners to professionals. Approximately 101 new plants were donated for the first time. Donors and their donations make this seed catalog possible. The donations we receive were collected, cleaned, and packaged to send to the Seed Exchange committee. Some of our donors have been with the Seed Exchange since the beginning 30 years ago, while most have joined somewhere in between. We realize how important this Seed Exchange is to HPS and to our members.

We're sure you'll enjoy perusing this year's selections 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 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.

Susan Doblmaier..... Seed Exchange Chair
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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 our donors—they make this Seed Exchange possible.

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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 alphanumerically 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

Plant name synonyms

At the end of the catalog is a list of the name changes that were made recently in the Seed Exchange database. As the newer name becomes more widely used, the HPS Seed Exchange catalog uses the newer name. The Synonym list has the older name of the plant, with the new plant code and new plant name underneath.

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 resources used to verify and update nomenclature for this list are the Missouri Botanical Garden Plant Finder and Royal Horticultural Society Horticultural Database.

Additional resources are the *List of Names of Woody Plants and Perennials (internationalplantnames.com)*; the *Encyclopedia of Perennials from the AHS*, edited by Graham Rice; and the *Manual of Annuals, Biennials, and Half-Hardy Perennials*, by A. Armitage.

Germination

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

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

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

Ellis, Barbara; *Starting Seeds: How to Grow Healthy, Productive Vegetables, Herbs, and Flowers from Seed*. (2013)

Park Seed Company; *Success With Seed*.

Phillips; *Growing and Propagating Wild Flowers*. (1985)

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

- Abe0050** *Abelmoschus manibot* ORNAMENTAL OKRA, SUNSET HIBISCUS An. Sun. 6+ x 3'. Summer-Fall.
 0199 Pale yellow with maroon centers. Evenly moist soil, likes heat. Self-sows. Blooms with asters. Zone 7 *Cresson*
 2504 Think of it as ornamental okra – 5" flat pale yellow flowers with chocolate at throat. Germ: Cold stratification improves germination. *Mills, M*
- Abe2000** *Abelmoschus sagittifolius* ARROWLEAF ABLEMOSCHUS Annual. 6'. Full sun-partial shade. Summer.
 0522 Watermelon pink flowers. I have grown Abelmoschuses, Manihot, and Moschutus for years, but *A. sagittifolius* outshines them. It is in constant bloom for months! I grew it with *Salvia splendens* 'Peach'. Zone 7a *Kusbner*
- Ace1380** *Acer palmatum* 'Villa Taranto' JAPANESE MAPLE Tree. Full Sun/Part Shade. 6-10' tall. Spring. Zone 4-7.
 0002 Small Japanese Maple. The leaves are colorful throughout the year - in Spring they emerge reddish-purple, in Summer they are green with reddish tones, and in Fall they are yellowish-orange. Zone 6b *Arader*
- Acm0050** *Acmella oleracea* EYEBALL PLANT, TOOTHACHE PLANT, PARA CRESS TenPer. Sun/PtShade. 12-18 x 12-15". Summer-Fall. Zone 9b-11.
 0592 Differs from the usual in shape and absence of contrasting color. Seems to self-sow independently of the eyeball sort. Both last well picked. Zone 6 *Malocsay*
- Act0900** *Actaea racemosa* BLACK COHOSH Per. PtShade/Shade. 4-6'. Summer. Zone 3-8.
 2429 White flowers in summer. Germ: Cycle: W-C-W. Zone 6 *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. Zone 6 *Bricker*
- Act3100** *Actaea simplex Atropurpurea Group* 'Brunette' BUGBANE Per. PtShade. 4 x 2'. Fall.
 0797 White flowers. Zone 6b *Robinson*
- Adl0050** *Adlumia fungosa* CLIMBING FUMITORY, CLIMBING BLEEDING HEART Bien. PtShade. 6-8'. Summer-Fall. Zone 4a-8b.
 3436 Light pink blooms. Rosette the first year and 6' vine with flowers & seed the second summer. Germ: OW, SS, SIS. Flowers early summer the second year from seed. Zone 7a *Silberstein*
- Ado1000** *Adonis aestivalis* SUMMER PHEASANT'S EYE An. Sun/PtShade. 18 x 6-8". Spring.
 1715 Orange or red blooms. Zone 8b *Rosenblum*
- Aes0300** *Aesculus parviflora* BOTTLEBRUSH BUCKEYE Shrub. Sun/PtShade. 10 x 15'. Summer.
 0627 Very pretty in bloom. Nuts are attractive golden brown. Zone 6b *McShane*
 1277 White flowers. Large spreading shrub to 10'. Zone 6a *Haas*
- Aet1900** *Aethionema saxatile* BURNT CANDYTUFT, CANDY MUSTARD Per. Sun/PtSun. 10-12". Spring. Zone 6a.
 0199 Spikes of tiny pink flowers in May, above a loose mat of greyish foliage. This will self-sow in your rock garden. Zone 7 *Cresson*
- Aga1350** *Agapanthus Headbourne Hybrid* AFRICAN LILY TenPer. Sun. 1½ x 2'; from 3-4' in bloom. Summer.
 1224 Pale lavender flowers. Zone 5 *Lockhart*
- Aga2550** *Agastache cana* 'Heather Queen' Per. Sun. 3 x 2'. Summer/Fall.
 0592 Per. Sun/PtSun. 2-3' X 1-2' Summer-Fall. Violet-pink blooms. Quick to bloom from seed, especially sown indoors in March. Transplants readily and blooms without stint, resisting light frosts. Agastaches in this garden are perennial though in no hurry to show it in spring. I'm going to try generous pine straw mulch. Zone 6 *Malocsay*
- Aga2600** *Agastache foeniculum* ANISE HYSSOP Per. Sun/PtSun. 3-5' x 1-2'. Summer. Zone 4-8.
 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. Zone 6b *Carey*
- Aga2650** *Agastache rugosa* 'Golden Jubilee' ANISE HYSSOP Per. Sun. 3-5 x 1-2'. Summer-Fall. Zone 5-8.
 0200 Per. Sun 3-5 x 1-2' Golden foliage with blue-lavender bottle-brush flowers summer-fall. A little shade will help protect foliage color. Zone 6 *Creveling*

Agastache - Allium

- 3561 Good drainage helps winter hardiness. Different sources say this is the native *A. forniculum* or the Korean *A. rugosa*.
Zone 6b *Gorman*
- Aga2830 *Agastache nepetoides* YELLOW GIANT HYSSOP Per. Sun/PtShade. 4-6 x 1-3'. Late Summer. Zone 2-8.
2429 Tall and self-supporting. Yellow flowers. Good winter interest. Zone 6 *Bricker*
- Aga3500 *Agastache rugosa* TenPer. Sun. 3 x 2'. Summer.
1224 Zone 5 *Lockhart*
- Aga3700 *Agastache rupestris* SUNSET HYSSOP, LICORICE MINT Per./Subshrub. Sun. 3 x 3'. Summer-Fall. Zone 5-9.
0522 Salmon-orange flowers with purplish calyxes. 2 - 3' tall perennial. Full sun to partial shade. Blue-green foliage. 2023 Plant of the Year. A fragrant winner. Needs good drainage. Germ: W; 14+d. Zone 7a *Kushner*
1244 Fragrant grey-green foliage. Orange flowers attract hummingbirds mid-summer to early fall. Well-drained soil. Zone 4b *Mitchell*
- Aga4100 *Agastache* species / hybrid
1244 *Agastache cana* x *A. rupestris*. Seed collected from various hybrid plants in my garden with long flower spikes. 3-4' x 3-4'. Aromatic foliage. Attracts hummingbird mid-summer to early fall. Flower color from rose-pink to orange. Well-drained soil, full sun. Germ: NST Zone 4b *Mitchell*
- Aga4950 *Agave americana* ssp. *protoamericana* HARDY CENTURY PLANT Per. Sun. 6' x 8'. Zone 7b-10.
1999 Large, glaucous rosettes makes a striking statement in any landscape. Typically blooms after 8-20 years, and sometimes more. Germ: SS. NST. Zone 8a *Norfolk Botanical staff*
- Aga5400 *Agave x loferox* Per.
0032 Zone 7b *Plant Delights*
- Aga5540 *Agave ovatifolia* WHALE'S TONGUE AGAVE Per. Sun. 3-4' x 6'. Zone 7-11.
0032 Zone 7b *Plant Delights*
- Age0700 *Ageratina altissima* WHITE SNAKEROOT Per. Sun/PtShade. 60 x 6". Midsummer-Fall. Zone 3-8.
3397 White flowers. Masses of small white flowers in mid-late Oct. Compact form, usually 2-3ft high, older plants 4ft. Readily self-sows. Germ: SIS. Zone 6b *Egbertson*
- Alc0050 *Alcea rosea* (all colors) HOLLYHOCK Bien./Per. Sun. 2 x 2'; from 6-8' in bloom. Summer.
0797 Rose-colored flowers. Zone 6b *Robinson*
- Alc1600 *Alcea rosea* 'Nigra' BLACK HOLLYHOCK Bien. Sun. 1½ x 1½'; from 6-7' in bloom. Summer.
2515 Maroon/Black flowers. Mixed it with the yellow flowers of *Abelmoschus manihot* and it made a stunning backdrop. Germ: NST. Zone 6b *Doblmaier*
- All4010 *Allium cepa* var. *proliferum* EGYPTIAN WALKING ONION Bulb. Sun/PtShade. 2'. Spring-Summer.
0269 These hardy perennial onions produce clumps of small shallot-like bulbs in the ground, which can be dug in fall. Their most interesting characteristic is the clusters of bulbils produced on top of the flowering stems instead of flowers. Purplish bulbils range from to about ½". Eventually, the clusters topple over and the bulbils root, allowing the plant to walk to a new spot in the garden. Consider staking plants to preserve their unusual sculptural appearance and manage their spread. Bulbils have a nutty, oniony flavor. Germ: NST. These are bulbils, not seeds. Plant in full sun with other perennial crops or in the garden as living sculpture! Zone 7 *Ellis*
- All4050 *Allium cernuum* NODDING ONION PerBulb. Sun/PtShade. 6-10 x 6"; from 1-1½' in bloom. Summer. Zone 4-8.
1585 Pale amethyst flowers. A cheerful summer accent. Thrives on total neglect. Came into my garden via 2001-02 HPS/MAG Seed Exchange from Chanticleer. Zone 5b *Scofield*
1636 White Bloom. Native. Zone 7 *Gauger*
1999 Pink bell-shaped flowers appear in loose nodding clusters in early summer. Germ: CMS 60d. Zone 8a *Norfolk Botanical staff*
- All6900 *Allium schubertii* PerBulb. Sun. Zone 5-8.
2937 Pale purple blooms. Loose, open flower heads approach 12" across on short stalks. Makes an interesting, long-lasting, dried flower. Zone 6a *Bittmann*

- All8300** *Allium tuberosum* GARLIC CHIVES, CHINESE CHIVES Per. Sun. 10-20 x 6"; to 2' in bloom. Summer-Fall.
0239 White star-like 2" umbels. Blooms late, and good for late summer interest. Cut off flowers when they fade to curtail self-sowing. Germ: NST; SIS. Zone 7a *Doering*
- Alo1500** *Alophia drummondii* PROPELLER FLOWER; PINEWOODS LILY; PURPLE PLEAT-LEAF; PINE LILY; PRAIRIE IRIS; PLEATLEAF IRIS Per. PtShade. 15". Summer-Fall. Zone 7-9.
3645 Purple blooms. Will germinate after one stratification period, but reportedly has higher germination in the second year. Germ: CMS. Cycle: Cold, warm, cold. Zone 7a *Roskoph*
- Als0500** *Astroemeria psittactna* PERUVIAN LILY Per. Sun/PtShade. 3 x 1½'. Summer-Fall.
0199 Red and green flowers. Rich moist soil. Hardy for 30 yr with mulch. Extended bloom midsummer to fall. Easy and reliable. Zone 7 *Cresson*
- Ama1080** *Amaranthus cruentus* TASSEL FLOWER An. Sun. 7-8'. Summer.
0797 Dark purple flowers and foliage. Prefers hot, sandy, or gravelly soil. Best SIS early. Germ: BC; SIS. Zone 6b *Robinson*
- Ama1500** *Amaranthus* 'Hopi Red Dye' An. Sun. 3-4 x 2'. Summer-Fall.
1918 Burgundy flowers. This tall, ancient, half-hardy annual has burgundy stems, leaves and drooping feathery panicles. Grow from seed planted in place. Good cut flower. Germ: NST, SIS. Sow directly in spring or fall. Zone 6b *Carey*
- Amm1050** *Ammi visnaga* An. Sun. 3-4 x 2'. Summer.
0200 White flowers. Plant looks like Queen Anne's Lace, but foliage is ferny. Great for arrangements. Germ: SIS. Self-sows. Zone 6 *Creveling*
- Amo3300** *Amorpha fruticosa* FALSE INDIGO Perennial Shrub. Full Sun. Spring. 4'-12' tall. Zone 4-9.
0592 This was offered in 2019-2020. I would have chosen the much shorter *A. canescens* not offered till 2020-2021. *A. fruticosa* might be seen as a tall shrub stand-in for a quick small tree casting a welcome bit of feathery shade. But, my two were so lithe and leaning they needed support. The other had to go - amazing root run deep and far-reaching. Be advised. Zone 6 *Malocsay*
- Amo5000** *Amorphophallus konjac* VOODOO LILY Bulb. PtShade/Shade. 18-72 x 18-24". Summer. Zone 6-11.
3436 Pollinated by flies. Smells like rotting meat for 2 days. Grow in moist soil. Sun to light shade. Hardy to 6B. Germ: CMS 30 days. Zone 7a *Silberstein*
- Ams0050** *Amsonia hubrichtii* BLUE STAR, ARKANSAS AMSONIA Per. Sun/PtShade. 3 x 3-4'. Spring.
1277 Pale blue flowers. Threadlike foliage turns butter yellow in fall. Zone 6a *Haas*
2429 Blue flowers. Bright gold fall color. Germ: CMS: 90 ds. Zone 6 *Bricker*
2515 Blue-purple flowers. Wonderful threadlike foliage turns bronze-yellow in fall. Native. This seed is from a plant from Perennial Pleasures Nursery in VT. It has more purple in the flowers. I placed the plant in a wetter area and it has consistently grown to at least 5' tall (if not taller) for the last few years. Deer do not browse. Germ: CMS; OW. Zone 6b *Doblmaier*
- Ams0270** *Amsonia illustris* 'Seventh Inning Stretch' SEVENTH INNING STRETCH BLUESTAR Per. Full sun to part shade. 3'. Spring. Zone 4a-9b.
2515 Blue flowers in May while the leaves are emerging. Green leaves in summer. Fall color is a butter yellow. In a wet area of my garden and doing fine. Germ: NST; OW. Winter seed sowing works best. Zone 6b *Doblmaier*
- Ams0300** *Amsonia jonesii* JONES BLUESTAR Per. Sun. 6-12". Spring. Zone 4.
2515 Shorter amsonia that enjoys the same conditions as *A. hubrichtii*. Paler blue flowers. Deer do not browse. Germ: CMS; OW. Zone 6b *Doblmaier*
- Ams2050** *Amsonia tabernaemontana* BLUE STAR Sun/PtShade. 2 x 1½'. Spring/Summer.
2746 Feathery early bloomer with pale blue star-shaped flowers at stem tips. Deer resistant shrub-like native. Zone 7 *Sternfels*
3107 Pale blue flowers. Slow to germinate. Native plant. Germ: Scfy. Time: 4-6 weeks. Zone 6b *Sirbaugh*
- Ams2080** *Amsonia tabernaemontana* var. *salicifolia* BLUE STAR Sun/PtShade. 2 x 1½'. Spring/Summer.
0084 Blue flowers. Native plant. 3' tall with spring flowers. Germ: OW Zone 6b *Bowditch*

Amsonia - Angelica

- Ams3000** *Amsonia tomentosa* GRAY AMSONIA, WOOLLY AMSONIA Per. Sun/Pt Shade
1715 White with yellow throat. Zone 8b *Rosenblum*
- And2000** *Andropogon gerardii* BIG BLUESTEM PerGrass. Sun. 6'.
2937 These are seeds from 'Red October', a big bluestem with foliage and stems which turn purple in late summer and then change to scarlet once temperatures drop. Even if the seedlings turn out to be plain green, it's still a nice tall grass. Zone 6a
Bittmann
- And2070** *Andropogon gerardii* 'Blackhawk' BIG BLUE STEM Grass. Full Sun. 4-5' tall. Fall. Zone 3-9.
2515 Purplish-red culms in fall. Tolerant of a wide range of growing conditions. This seed was donated by a friend of mine - Sandie Menke. Zone 6b *Doblmaier*
- And2500** *Andropogon virginicus* BROOMSEDGE Per. Sun/PtShade. 2-4 x 1-2'. Fall. Zone 5-8.
2429 Zone 6 *Bricker*
- Ane1230** *Anemone x hybrida* 'Honorine Jobert' WINDFLOWER Per. Sun/PtSun. 3-4'. Fall. Zone 4-8.
0318 Zone 6b *Garnett*
- Ane2250** *Anemone rivularis* HIMALAYAN WINDFLOWER Per. PtShade. 18".
1224 Zone 5 *Lockhart*
- Ane6500** *Anemone virginiana* Per. Sun/PtShade. 2 x 1'; to 30" in bloom. Late Spring. Zone 2-8.
0045 White flowers. Pleasant native anemone. Thimble seed heads. Germ: NST; Easy; Max germination time 1 year. Zone 6b7a *Bartlett*
3321 White and green blooms. Spreads well in good conditions. Germ: CMS: 60 d, R, SS. 60 d. Zone 6 *Perron*
- Ane9800** *Anethum graveolens* DILL An. Sun. 3-5'. Zone 2-11.
0269 Fragrant culinary herb that self-sows and also supports swallowtail caterpillars. Yellow flowers and very finely dissected, fragrant foliage. Seed is best sown outdoors where the plants are to grow either in spring or in fall and left to germinate the following season. Plants self sow. Zone 7 *Ellis*
- Ang1000** *Angelica daburica* CHINESE ANGELICA Per. Sun/PtSun. 72". Zone 4a -7b.
0032 Forms a bold-textured, winter evergreen/summer dormant rosette of aromatic foliage, topped, starting for us in early June with a massive 6' tall purple stalk, terminating in an insect pollinator haven of branched panicles that hold dozens of large, white, Queen Anne's lace-like flower heads. Zone 7b *Plant Delights*
- Ang1050** *Angelica gigas* KOREAN ANGELICA Bien./Per. PtShade/Shade. 4-6' x 2-3'. Summer. Zone 5-9.
0065 Purple flowers. A beautiful specimen plant. Germ: Cycle; D; OW; NST Zone 6b *Berger*
0118 Biennial to 5'. This terrific Barry Yinger introduction from Korea and Japan is a stunner. Dramatic, deep maroon, spherical flower heads emerge from red-flushed, bulbous, leafy sheaths above glossy green, dissected foliage. The afternoon sun intensifies the color and lends this plant another dimension. Please note that insects, especially hornets, also find it irresistible. Germ: CMS: 50 d, Cycle: keep pan at 25-39° for 6-8 wk, the 60° until germination, C, OW, BC. Zone 5a
Stonecrop Gardens
0951 Wine-red flowers. Great architectural form. Biennial with wine umbels in late Summer. Zone 6b *Tracey*
2621 Tall, red-purple umbels Late Sum. Prefers wet. Deer resistant. Self seeds occasionally. Germ: Use fresh seed. Prechill 2+wks. Light. Zone 6 *Nachlas*
9976 Dark purple flowers. The showiest of all the Angelicas. Very ornamental biennial which can self sow. Striking flower heads, grows to 4-5' tall in our Flower Garden. Deer resistant. Germ: Just cover. Pre-chill for 2 weeks. Zone 6b *Wave Hill Gardeners*
- Ang1900** *Angelica japonica* Per. Sun/PtSun. 18" up to 5' in bloom. Summer. Zone 7a-9b.
0032 Zone 7b *Plant Delights*
- Ang3045** *Angelica sylvestris* WOODLAND ANGELICA, GROUND ASH, HOLY GHOST Bien. Sun. 6-8'. Late Summer/Early Fall.
0065 White flowers. Germ: CMS (winter outside); D; OW, NST Zone 6b *Berger*

- Ano1000** *Anomatheca laxa* 'Joan Evans' JOAN EVANS FALSE FREESIA Per. Sun. 8". Zone 7b - 10b.
0032 Summer dormant. The tiny green iris-like foliage emerges in late winter, forming a small, but fast-offsetting clump, topped, starting for us in April with lovely small white flowers, each highlighted with a dramatic red blotch. Zone 7b *Plant Delights*
- Ant0050** *Anthemis tinctoria* Per. Sun. 1½-2 x 1-1½'. Spring-Fall.
0592 Yellow blooms. Quick from seed, prolific self-sower, low dense foliage makes pleasing ground-cover, especially if spent bloom stalks are cut as flowers fade. Always a few thrusting up after early summer flush. Nosegay mainstay. Petals folded over let you know where crab spiders get their start in life, growing through greenish to perfect match yellow. Zone 6 *Malocsay*
- Ant1000** *Anthericum liliago* ST. BERNARD'S LILY Per. Sun/PtSun. 18-24" x 12-18". Late Spring. Zone 4-9.
0199 Small lily-like flowers along wiry unbranched stems from clumps of strap-like leaves. Good rock garden plant, but not fussy in average soil. Native to Europe and Turkey in open rocky habitats. Zone 7 *Cresson*
- Ant2000** *Anthericum ramosum* BRANCHED ST. BERNARD'S LILY Per. Sun. 2-3'. Summer. Zone 5-9.
0199 Numerous miniature, white lily flowers along wiry branched stems in early summer above narrow strappy foliage. Develops into a nice clump. Native E. Europe to Turkey in rocky grassy semi-arid slopes. Easy and not fussy in average soil. Zone 7 *Cresson*
- Ant3050** *Anthriscus sylvestris* 'Ravenswing' BLACK COW PARSLEY Bien. Sun. 2½ x 2'. Spring-Summer.
0965 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. Zone 7a *Umpbrey*
- Ant4020** *Antirrhinum hispanicum* SPANISH SNAPDRAGON Per. Sun. 1 x 1-2'. Spring and Fall. Zone 5a-8b.
0199 Semi-hardy perennial or annual with mounds of fuzzy gray 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. Zone 7 *Cresson*
3645 Pink and yellow blooms Zone 7a *Roskoph*
- Aqu1150** *Aquilegia atrata* COLUMBINE Per. Sun/PtShade. 3 x 1'. Spring.
3666 Maroon. 2' x 2'. Elegant. Sun/partial sun. Germ: CMS. Zone 5 *McGowan*
- 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.
1636 Red and white blooms. Winter sowing very successful. Zone 7 *Gauger*
- Aqu1445** *Aquilegia canadensis* 'Nana' COLUMBINE Per. Sun/PtShade. Spring-Summer.
0269 Red and yellow blooms. This dwarf form of Eastern red columbine ranges from 8-10" or 12" tall. Plants self sow and come true from seed. My plants may have crossed with the species and 'Little Lanterns'. Rogue out any full-size plants that appear. Full sun to light shade. Germ: OW, SS, SIS, NST. Zone 7 *Ellis*
- Aqu2400** *Aquilegia flabellata* 'Nana' Per. Sun/PtShade. 8". Summer.
0522 Lilac-purple and white flowers. 6-8" dwarf Aquilegia. Nodding, bell-shaped flowers. Good for trough or rock gardens. Zone 7a *Kushner*
- Aqu3500** *Aquilegia rockii* ROCKS COLUMBINE
3666 Per. Full sun. Marron and white flowers. 1X1'. Germ: CMS Zone 5 *McGowan*
- Aqu4000** *Aquilegia* species (individual colors) COLUMBINE Per. Sun/PtShade. 2 x 1'. Spring.
0318 Blue and white flowers to 2' tall. Will self-sow. Zone 6b *Garnett*
1277 Blue blooms Zone 6a *Haas*
- Aqu4750** *Aquilegia viridiflora* 'Atropurpurea' COLUMBINE Per. Shade. 2-3' tall. Late Spring. Zone 3-8.
0522 Chocolate purple flowers. Sturdy 24-36" Columbine. Source: Far Reaches. Zone 7a *Kushner*

Aquilegia - Arisaema

- Aqu5000** *Aquilegia vulgaris* EUROPEAN COLUMBINE Per. Sun/PtShade. 2 x 1½'. Spring-Summer.
0522 Deep purple blooms in late spring through early summer with gray-green foliage. Source: Niche Gardens. Germ: CMS or SIS. Zone 7a *Kushner*
0592 Happenstance mix for many years now self-sow a variety of forms & colors though favoring tall dark blues. Sawfly larvae on foliage are preyed upon by birds feeding nestlings and many wasps. Germ: NST Zone 6 *Malocsay*
1918 Mostly pink flowers. Short-lived perennial. Tall stems for cutting. Dangling flowers with spurs. At home in cottage gardens and mixed borders. Blooms May. Germ: SIS. Zone 6b *Carey*
3666 White. 3' in bloom. Tall vigorous. Germ: CMS Zone 5 *McGowan*
- Aqu5300** *Aquilegia vulgaris* 'Hedgleigh Bicolor' COLUMBINE Bien. PtShade. 25 x 12". Spring.
0199 Blue with white center flowers on a self-supporting plant. Shorter than the species. A selection of Charles Cresson that breeds true. Zone 7 *Cresson*
- Aqu5929** *Aquilegia vulgaris* (pink) COLUMBINE Per. Sun/PtShade. 2 x 1½'; to 3' in bloom. Late Spring-Early Summer.
0522 Pink flowers. Gray-green foliage with short-spurred pink flowers. Lovely old-fashioned plant that gently self-sows to form colonies. If isolated, keeps true to color. Germ: CMS; W; or SIS. Zone 7a *Kushner*
3666 Clear pink. 3' x 2'. Tall vigorous. Germ: CMS Zone 5 *McGowan*
- Aqu5940** *Aquilegia vulgaris* var. *stellata* 'Black Barlow' COLUMBINE Per. Sun/PtShade. 15 x 12; to 30" in bloom. Late Spring-Early Summer.
0627 Zone 6b *McShane*
- Ara2095** *Aralia cordata* 'Sun King' JAPANESE SPIKENARD Per. PtShade. 3-6' x 3-6'. Zone 4-8.
0522 White blooms. Stunning herbaceous perennial that grows 3-6' tall in a season. Has large golden leaves that look lovely against plants with purple or dark leaves. Blooms late summer. Zone 7a *Kushner*
- Arg0500** *Argemone albiflora* var. *albiflora* Coker House form WHITE PRICKLY POPPY An.Bien. Sun. 2.5- 5'. Summer. Zone 7a-9b.
0032 Source: Ernest (Chip) Helms Zone 7b *Plant Delights*
- Arg2100** *Argemone ochroleuca* MEXICAN PRICKLY POPPY, DEVIL'S FIG Annual. 3'. Full sun. Summer.
9968 Pale yellow flowers. Late summer annual with prickly foliage and large blooms, 1.5' T, 1.5' W. Tolerates high heat and drought. Germ: WMS. SIS. Zone 7a *Roper/Chanticleer*
- Arg2203** *Argemone platyceras* PRICKLY POPPY, CRESTED POPPY Annual/Perennial. Full Sun. 2'-3' tall. Summer
9968 White flowers. Short lived perennial, often grown as an annual, Sun, well drained soil, 2.5" T, 1.5"W, Large, pure white flowers are 4-5" across, bloom from spring-fall. Foliage is finely cut, gray-green, and prickly. Can seed in. hardy from 6a-9a. Germ: Warm and moist (64F-72) for 2-4 weeks, then cold (25F-39) for 4-6 weeks, after germination(41F-54). L. SS. SIS. Zone 7a *Roper/Chanticleer*
- Ari0600** *Arisaema dracontium* GREEN DRAGON, AMERICAN WAKE-ROBIN, DEVIL'S PULPIT Per. Pt/Full Shade. 1-3' x 1-1½'. Spring. Zone 4-9.
2504 Native American jack-in-the-pulpit. Green blooms with thin spadix. Produces offset corms. Germ: SR. Have had success with fall surface sowing in situ. *Mills, M*
- Ari2500** *Arisaema heterophyllum* COBRA LILY Per. PtShade. 2-3½' x 1'. Spring. Zone 5-9.
1607 Green-purple flowers. Horseshoe-shaped leaf. Germ: W; Refrigerate seed until sowing. Zone 7a *Jellinek*
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*
3321 Green/pale yellow blooms. Grows to 3' tall with large horseshoe leaf and spadix with 1' long tongue. Germ: Soak: 7 d; W. Zone 6 *Perron*

- Ari7250** *Aristolochia fimbriata* WHITE-VEINED DUTCHMAN'S PIPE TenPer. Vine. Sun/PtShade. 2' in a pot, 6' in ground. Summer. Zone 7-10.
0592 Miniature vine whose fringed pipes and white-veined leaves have an interesting odor. The intricate seed baskets sow no end of volunteers early and late - i.e., sequentially. One of many reliable tropical self-sowers in Pittsburgh. Nectarists very keen and finally this year a Pipevine Swallowtail found it. I watched 2 magnificent caterpillars beat the odds and hatch the dazzling imago. Good in small bouquets and pots at eye-level. The tubers energize prompt response to cutting back. Baskets and pods good in dried arrangements. Germ: Quick and easy from seed. Self sows in Pittsburgh. Zone 6 *Malocsay* 3436 Hardy in 7A. BC; W. Zone 7a *Silberstein*
- Ari7500** *Aristolochia macrophylla* DUTCHMAN'S PIPE PerVine. Sun/PtSun. 15'-30' x 15'-20'. Late Spring. Zone 4-8.
0269 Native. Large, 10+ -inch, heart-shaped leaves and small, brown and green flowers shaped like smoking pipes. All parts of the plant are toxic if ingested. The plant is host to caterpillars of pipevine swallowtail, which are immune. Great climber. Forms a dense, handsome screen or a shaded area with overhead supports. Germ: CMS: Cold moist stratify for 6 months, then sow at about 3/8" deep and germinate W. Or OW Zone 7 *Ellis*
1999 Inconspicuous copper-green and lavender flowers peek out from dense, heart-shaped foliage. Host plant for the Pipevine Swallowtail! Germ: CMS 60d. Zone 8a *Norfolk Botanical staff*
- Aro1000** *Aronia arbutifolia* RED CHOKEBERRY
0045 White flowers in spring. Bright red berries in autumn. Germ: Max germination time 1 year Zone 6b7a *Bartlett*
- Aro1300** *Aronia x prunifolia* RED CHOKEBERRY Shrub. Sun/PtShade. 10 x 8'. Spring.
0045 White flowers. A natural hybrid (A. melancarpa x A. arbutifolia), this native shrub has cluster of burgundy-wine colored berries in autumn. Comes true from seed. Should be much better known. Germ: NST. Zone 6b7a *Bartlett*
- Aru2000** *Arum italicum* LORDS AND LADIES PerBulb. PtShade/Shade. 12-16½ x 6". Spring. Zone 5-9.
3321 Yellow-green/white blooms with variegated leaves fall to spring, dormant in summer, and stalk of red berries late-summer. Germ: Soak: 48 d, Cycle: 3 mo at 70 , followed for 3 mo at 40 , then repeat. W, D, SR, 90 Zone 6 *Perron*
- Aru3010** *Aruncus aethusifolius* DWARF GOAT'S BEARD, KOREAN GOAT'S BEARD Per. Sun/PtShade. 6 x 10". Summer.
0239 White flowers. An easy-to-grow addition for the front of a shade garden. Has self-sown in my garden. Zone 7a *Doering*
- Asc0100** *Asclepias curassavica* BLOODFLOWER, BLOODY MILKWEED TenPer. Sun. 3-4 x 1-1½'. Summer-Fall. Zone 9 to 11.
0043 Red/Yellow flowers. Great monarch attractor/food. Can be cut back for rebloom after the caterpillars feed. Zone 6 *Biderman/Barron*
- Asc2500** *Asclepias incarnata* SWAMP MILKWEED Per. Sun. 3-4' x 2-3'. Summer. Zone 3-6.
1636 Pink blooms. Zone 7 *Gauger*
3645 Pink flowers. 3' tall. Germ: CMS: 30 days. Zone 7a *Roskoph*
- Asc2900** *Asclepias incarnata* 'Large Marge' SWAMP MILKWEED Per. 4'-5'. Full sun. Summer. Note: This seed was originally donated to us under this name. The name was used by the donor and is not used in the trade. Please do not expect your A. incarnata to be as large.
0522 Pink flowers. A winner in the wilder garden. Taller than the straight species. 4'-5' tall. Branching stems. Small flowers followed by attractive seed pods. Zone 7a *Kushner*
- Asc4010** *Asclepias tuberosa* MILKWEED, BUTTERFLY WEED Per. Sun. 2-3 x 1-2'. Summer-Fall.
1636 Orange blooms. Winter sowing very successful. Zone 7 *Gauger*
2517 Drought tolerant native. Monarch caterpillar host plant with orange flowers. Germ: Germ: 60 days; SIS. Zone 7 *Weaver*
3645 Yellow-orange blooms. Germ: CMS: 30 d, NST. Zone 7a *Roskoph*
- Asc5010** *Asclepias verticillata* Sun. 2 x 1'. Summer.
1020 Orange blooms. Zone 7 *Wiedorn*
- Asi1050** *Asimina triloba* PAWPAW TREE Shrub/Tree. Sun/PtShade. 20 x 20'. Spring.
3436 Reddish-brown blooms. About 7 yr from seed to flowering. Seeds from large-fruited trees. Need 2 trees for good fruit set. Thrives in part shade and moist soil. Small tree that will sucker with maturity. Mature trees/suckers difficult to move. Animal resistant, except for the fruit. Shake nearly ripe fruits from tree and they will usually ripen on counter. Germ: CMS: 60 d, 40 d. Leaves have strong scent when bruised. Fruit ripe when soft. Black means over-ripe. Zone 7a *Silberstein*

Asperula - Begonia

- Asp0400** *Asperula orientalis* BLUE WOODRUFF Annual. Full sun to partial shade. 12" tall.
0084 Lavender flowers. Half-hardy annual in partial shade. Very floriferous. Good in containers. 12" high Germ: SS; SIS
Zone 6b *Bowditch*
- Asp0500** *Asphodeline damascena* DAMASCUS BLUES Biennial. Sun.
0032 This little-known member of the Asphodel family hails from the dry deserts of Turkey and Syria/Lebanon. Blue-green grassy foliage, with a flower spike featuring several tiers of white spidery flowers. Zone 7b *Plant Delights*
- Asp0550** *Asphodeline lutea* 'Italian Gold' KING'S SPEAR Per. Sun. 3-4 x 1-2'. Spring. Zone 6-9.
0032 Yellow blooms. Germ: W, BC, NST. Zone 7b *Plant Delights*
- Ast5600** *Astilbe biternata* FALSE GOAT'S BEARD Per. PtShade/Shade. 2 x 2'; to 3' in bloom.
9985 White flowers in spring. Adds height and a light green hue to the shade garden. Germ: Winter sow. SS. Zone 7a
Jenkins Arboretum
- Ast5700** *Astilbe chinensis* var. *pumila* CHINESE ASTILBE Per. PtShade/Shade. 9-30 x 9-12". Summer.
0318 Lavender flowers in July-August. Prefer moist shade. Zone 6b *Garnett*
- Ast5780** *Astilbe chinensis* 'Visions' Per. Sun/PtSun/Shade. Pink. Summer. Zone 4-9.
0318 Zone 6b *Garnett*
- Ast8200** *Astrantia major* GREAT MASTERWORT Per. SunPt.Sun. 1.5-2 x 1-1.5'. May to July. Zone 4-7.
3666 Deep red. Germ: CMS then WMS Zone 5 *McGowan*
- Ast8250** *Astrantia major*, *mixed colors* Per. Sun/PtShade.
3666 White and red flowers. 2'. Germ: WMS; CMS Zone 5 *McGowan*
- Bap0100** *Baptisia* 'American Goldfinch' FALSE INDIGO Per. Sun. 3' x 3'. Zone 4-9.
3397 Very dense growth with many flower heads, may flop in heavy rain so staking is advised. Yellow blooms with green stems, tan seed pods. Germ: Scfy. CMS 10 days. Zone 6b *Egbertson*
- Bap0900** *Baptisia x arachnifolia* HYBRID FALSE INDIGO Per. Sun. 3-4' x 4-5'. Summer. Zone 6-9.
0032 Zone 7b *Plant Delights*
- Bap1050** *Baptisia australis* BLUE FALSE INDIGO, PLAINS FALSE INDIGO Per. Sun. 3-5 x 2-4'. Early Summer. Zone 3-9.
0200 Blue. Shrub-sized plant with blue-green foliage. Blue-black seedpods follow flowers. Zone 6 *Creveling*
3107 Zone 6b *Sirbaugh*
3645 Purple blooms. Germ: Scfy then CMS: 10 d, Zone 7a *Roskoph*
9975 Blue-violet pea-like flowers bloom on long upright spikes in early summer. Bushy perennial with attractive bluish-green foliage and black seed pods that rattle in the wind. Germ: Sow after first frost or start earlier indoors. Space 36" apart. If started indoors, seeds need to be scarified. Plant scarified seeds ¼" deep. 7-14 days germination time. Zone 7a *Bartram's Garden*
- Bap2490** *Baptisia tinctoria* YELLOW WILD INDIGO Per. Sun/PtSun. 2-3' x 2-3'. Early summer. Zone 3-9.
1636 Yellow blooms. Germ: CMS 42-72 days. Scarify seed and soak. Zone 7 *Gauger*
- Beg1050** *Begonia grandis* subsp. *evansiana* HARDY BEGONIA Per. PtShade/Shade. 2 x 1½'. July to October. Zone 6-9.
0239 Soft pink flowers. Lovely late, long-flowering, shade-loving begonia that spreads around a little. A very welcome addition to any shade garden. Germ: W; BC; SIS; NST; 12 d. Store dry and sow seeds at 70°F. Seeds germinate in 10-12 d. Can be sown in situ. Zone 7a *Doering*
0318 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. Zone 6b *Garnett*
0522 Pink flowers on shade-loving perennial. Blooms July-October. 18-24" tall. Good companion to hostas and ferns. Zone 7a *Kushner*
- Beg1060** *Begonia grandis* subsp. *evansiana* var. *alba* HARDY BEGONIA Per. PtShade/Shade. 2 x 1½'. Late Summer-Fall. Zone 6-9.
0522 White flowers on shade-loving perennial. Blooms July-October. 18-24" tall. Appreciates damp soil. Good companion to hostas, ferns, and other shade plants. Zone 7a *Kushner*

- 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. Zone 7a *Jellinek*
- Beg2500** *Begonia sutherlandii* TUBEROUS BEGONIA TenPer. PtShade. 1 x 1½'. Summer.
0269 Orange. Great pot plant. These are cormlets. Zone 7 *Ellis*
0592 Small light orange blooms with gold anthers. Slow from bulbils(formed in leaf axils) but steady on from there. Graceful spilling from pot. Germ: NST Zone 6 *Malocsay*
- Ber1955** *Berkbeya purpurea* Per. Sun. 2-2.5'. Summer. Zone 7a-10.
3001 Drought tolerant South African plant. Prickly winged stems, dark green leaves, and lavender blooms with dark centers. Germ: NST. W. Zone 7 *Gregg*
9968 Pale lilac flowers. Grow in full sun, well drained soil. Germ: W; BC; Maximum germination time: 21-30 days; NST. Zone 7a *Roper/Chanticleer*
- Ber1975** *Berlandiera pumila* 'Chocoholic' SOFT GREEN EYE CHOCOLATE FLOWER Per. Sun. 36". Spring-Fall Zone 7-9.
0032 2" yellow daisy flowers emit a chocolate fragrance- especially in the morning. A seed strain from Lee Co. Texas. Zone 7b *Plant Delights*
- Big1000** *Bigelowia nuttallii* NUTTALL'S RAYLESS GOLDENROD Per. Full sun. 10-15" tall. Late summer. Zone 5a-9b.
2504 Charming! Little tufts that looks like grass, followed in late summer by 10-inch stalks with numerous little yellow flowers. Sun, well-drained; plants must not get overwhelmed by other species. Mt. Cuba says it may self-sow. Germ: One website says: "Surface sow & then cover seed lightly with sand. Germinates under warm (75 degrees) conditions." *Mills, M*
9968 Yellow flowers. Herbaceous perennial reaching only 10-15" tall. This plant grows best in dry soils and full sun. Plants form tufts of threadlike evergreen foliage beneath bright yellow sprays of flowers in late summer. Germ: BC; NST; Surface sow and cover lightly with sand; Germinates in warm conditions. Zone 7a *Roper/Chanticleer*
- Boe0100** *Boehmeria platanifolia* SYCAMORE LEAVED FALSE NETTLE Per. Sun/PtShade. 5'. Zone 5-9.
3001 Non-stinging herbaceous nettle relative. Sun to part shade, though leaves can yellow in full sun. To 5 x 4', zones 5-9. One of the boldest of the boehmerias--leaves can be 6-8" across at maturity. Bright red petioles set off from medium green leaf. A nice addition to the woodland garden. Germ: NST. Zone 7 *Gregg*
- Boe0150** *Boehmeria sieboldiana* SIEBOLD'S FALSE NETTLE Per. Sun/PtShade. 3-5'. Midsummer. Zone 7-10.
3001 Asian herbaceous perennial, 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. Zone 7 *Gregg*
- Bol1500** *Boltonia asteroides* 'Snowbank' Per. Sun. 3-4 x 3'. Summer-Fall.
0239 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; 10 d. Zone 7a *Doering*
- Bri1000** *Briza maxtma* Annual. Full sun. Ornamental grass. !2". Gold, Green, White.
1715 Zone 8b *Rosenblum*
- Bro1050** *Browallia americana* JAMAICAN FORGET-ME-NOT, BUSH VIOLET An. Sun/PtShade. 2 x 2'. Late Summer-Fall.
0318 Blue flowers. Self-sows. Germ: NST; W; SIS. Zone 6b *Garnett*
0951 Blue-violet flowers. Native annual that I wouldn't be without. Blooms all summer into fall. May self sow. Zone 6b *Tracey*
- Bup1400** *Bupleurum rotundifolium* THROW-WAX An. Sun. 2 x 1'. Summer.
2937 Green blooms. An annual which also grows well sown in autumn or late autumn. 2-3' tall branching stems of rounded leaves and tiny yellowish flowers. Zone 6a *Bittmann*
3666 Chartreuse. Sun 2-3'. Germ: Best sown directly in place. Zone 5 *McGowan*

Caesalpinia - Canna

- Cae0100** *Caesalpinia gilliesii* HARDY BIRD OF PARADISE TREE Shrub. Sun. 10' tall. Summer
0199 This tropical looking legume is a shrub with mimosa-like foliage, bearing clusters of yellow flowers with long red stamens, starting in early summer. From Argentina and Uruguay. Rated Zone 8 but has survived recent winters with no damage. Pollinated at night by hawk moths. Zone 7 *Cresson*
- Cal2450** *Callicarpa dichotoma* BEAUTYBERRY Shrub. Sun/PtShade. 4-5 x 4-5'. Summer.
0045 Purple, insignificant blooms. Grown for large crop of purple berries in August-October that persist along the stems until birds or cold drop them. Small purple axillary flowers. The easiest and hardiest of the beautyberries. Best in background of garden. Germ: NST; BC; Do not overwater seedlings. Keep them on the dry side. Zone 6b7a *Bartlett*
- Cal2500** *Callicarpa dichotoma* f. *albifructa* WHITE BEAUTYBERRY Shrub. Sun/PtShade. 5 x 5'. Summer.
0045 White blooms. Attraction is crop of white berries, down to the ground, in August-October. Fast growing. Put in the background for seasonal effect. Germ: NST. Do not overwater seedlings. Zone 6b7a *Bartlett*
- Cal2550** *Callicarpa dichotoma* 'Issai' BEAUTYBERRY Shrub. Sun/PtShade. 4-5 x 4-5'. Summer.
1277 Pale pink flowers. Zone 6a *Haas*
- Cal2980** *Callirhoe bushii* BUSH'S POPPY MALLOW Per. Sun. 12-18 x 24-36". Spring. Zone 4-8.
0032 Source: Prairie Moon Nursery Zone 7b *Plant Delights*
- Cam0200** *Camassia leichtlinii* var. *alba* CAMASSIA Bulb. Sun/PtShade. 2½'. Spring-Early Summer.
0045 White flowers. Best doer of the camassias. Not difficult. U.S. West Coast native. Germ: Slow. Like many bulbs, cover with gravel. Transplant small bulbs in second spring. Max germination time 2 years. Zone 6b7a *Bartlett*
- Cam0320** *Camellia chekiangoleosa* CAMELLIA Shrub. Sun/PtShade. 7-10'. Late Winter-Early Spring.
0199 Red blooms. This new Chinese species, similar to japonica is equally hardy and tends to bloom a bit earlier in spring with large single flowers. This is the typical scarlet red form. Seems to easily hybridize with japonica. Zone 7 *Cresson*
- Cam0322** *Camellia chekiangoleosa* x *japonica* Shrub. PtShade/Shade. 8-10 x 8'. Late Winter-Early Spring. Zone 6a-9.
0199 Red or pink. Evergreen shrub with large single flowers earlier than most *C. japonica* cvs. Open pollinated 2nd generation from promising parents which include an early blooming hardier Korean japonica parent, so should be extra hardy. Flowers are very showy. You won't find this anywhere else. Zone 7 *Cresson*
- Cam0350** *Camellia oleifera* TEA-OIL CAMELLIA Shrub. Sun/PtShade. 15+ x 15+'. Fall.
3436 White blooms. Hardy at least to 6b. Flowers in fall. Sun to part or light shade in well-drained soil. Morning sun ideal. Germ: CMS: 60 d, BH, 40 d. One of the hardiest camellias. Ultimately a large, tree-like shrub. Zone 7a *Silberstein*
- Cam0900** *Camellia sinesis* var. *sinesis* TEA PLANT Tree. 6-12' tall and 4-8' wide. FS-PS. Zone 6-9.
3436 White flowers in Fall. Broadleaved evergreen. Germ: CMS 30 days. Zone 7a *Silberstein*
- Cam5800** *Campanula trachelium* BATS-IN-THE-BELFRY, THROATWORT Per. Sun/PtShade. 3 x 1'. Summer.
0797 Long-lasting, deep blue flowers. Low foliage and tall flower stalks. Germ: NST. Zone 6b *Robinson*
1585 Blue flowers. Upright plant. Blooms for several weeks starting in midsummer. Zone 5b *Scofield*
- Cam7010** *Campylotropis macrocarpa* Shrub. Sun/PtShade. 4 x 3'. Summer.
0592 Light purple blooms in late summer. Quietly pretty. *Lespedeza thunbergii* on a diet. Zone 6 *Malocsay*
1277 Purple flowers. Plant is worth growing for late summer-fall color. Delicate spring *lespedeza*-like leaves. New leaves have coppery color. Zone 6a *Haas*
- Can5100** *Canna x generalis* An. Sun. 3-6'.
2937-A Rose blooms. Seed is from 'Cannanova Rose' and should be a similar color and around 4-5' tall. Rhizome. Germ: Scfy, Soak. File through seed coat, soak in water, keep at a warm room temperature and change water daily. Once germination is obvious plant in soil. Zone 6a *Bittmann*
- Can5350** *Canna indica* INDIAN SHOT Tender Perennial. Full Sun. 5' tall. Summer.
9975 Red flowers. Tender perennial, easily started from seed growing upwards of 6 feet with slender red flowers blooming through October. Germ: Scfy; D; BH; 7-14 days germination time. Zone 7a *Bartram's Garden*
- Can6200** *Canna warszewiczii* TenPer. Sun.
1277 Robust species canna. Attractive to hummers. Red/orange flowers. Zone 6a *Haas*

- Cap1050** *Capsicum annuum* 'Basket of Fire' BASKET OF FIRE PEPPER Annual. Full sun. 12". Summer.
2517 Hot, edible, ornamental pepper that thrives in heat and low humidity. It grows to a mature height of 12" and spreads with cascading branches to 20" wide. This plant has showy orange fruit with yellow overtones that fade to red as well as pointy light green leaves throughout the season from mid-summer to early fall. Zone 7 *Weaver*
- Cap1120** *Capsicum annuum* 'Black Pearl' ORNAMENTAL PEPPER An. Sun. 12-20 x 12-18". 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. Germ: NST. Zone 7 *Weaver*
- Cap1300** *Capsicum annuum* 'Calico' ORNAMENTAL PEPPER An. Sun. 12-18 x 12-16".
2515 Flowers white. Smaller, ornamental peppers on a more diminutive pepper plant. Foliage is variegated. Germ: BH; NST. Zone 6b *Doblmaier*
- Cap1350** *Capsicum annuum* 'Chilly Chili' ORNAMENTAL PEPPER An. Sun. 12 x 12-15". Summer-Fall.
2517 Grown mostly for attractive 2-2½" tapering fruit. Fruit begins greenish yellow, gradually turning orange and maturing to red. Annual. Germ: NST. Zone 7 *Weaver*
- Cap1800** *Capsicum annuum* 'Medusa' ORNAMENTAL PEPPER An. Sun. 8-10 x 6-8". Summer-Fall.
2517 A dwarf, naturally compact ornamental pepper with dark foliage and 2-2½" edible fruit, ranging from ivory to yellow, orange, and bright red. Germ: NST. Zone 7 *Weaver*
- Cap1950** *Capsicum annuum* 'Midnight Fire' ORNAMENTAL PEPPER An./TenPer. Sun/PtSun. 12-14" x 12-16". Zone 9-11.
2517 Ornamental pepper that is grown for its black foliage and fruits. The foliage emerges green and turns black in full sun. Purple fruits mature to bright red. Germ: NST. Zone 7 *Weaver*
- Cap2100** *Capsicum annuum* 'Purple Flash' ORNAMENTAL PEPPER An./TenPer. 18-24 x 18". Summer-Fall.
0269 Handsome ornamental pepper with brilliant dark purple foliage splashed with paler purple and white. Small fruits mature from black to red. Full sun. Plants are 15 to 20 inches tall and wide. Germ: BH. Sow as you would any other pepper, 6-8 wk before the last frost date, and transplant after danger of frost once the soil has warmed up. Zone 7 *Ellis*
- Cap2250** *Capsicum annuum* 'Sedona Sun' ORNAMENTAL PEPPER An. Sun. 9-12 x 14-16". Summer-Fall.
2517 Masses of distinctive lemon yellow and carrot orange fruit put on a brilliant, multicolor display. 12" annual. Germ: NST. Zone 7 *Weaver*
- Cap2850** *Capsicum annuum* 'Shishito' SHISHITO PEPPER Annual. Full Sun. 2' tall
5011 Germ: BH; plant @1/4" deep; NST; Maximum germination time: 10-14 days. Zone 6a *Baccari*
- Car0120** *Cardiocrinum cordatum* Bulb. PtShade. 3-4'. Late Summer.
0199 White flowers. Although less spectacular than *C. giganteum*, this Japanese species is easier to grow. Greenish white trumpet flowers with a red stained throat in July. Takes about 5 years to bloom from seed. Until that time clumps of heart-shaped leaves resemble a hosta. Zone 7 *Cresson*
- Car0750** *Cardiospermum halicacabum* LOVE-IN-A-PUFF, BALLOON VINE An. Vine. Sun. 12'. Summer.
9975 White flowers. Annual twining vine with pleasing leaves, most notable for lantern-esque inflated, green, papery seed capsules. Germ: Scfy; D; 14-21 days germination time; W; SIS; Sow in pots or direct 1/4" deep. Zone 7a *Bartram's Garden*
- Car2020** *Carex cherokeensis* CHEROKEE SEDGE Per. FS/PS. 0.5-1' x 0.5-1'. Zone 6-9.
2497 Ornamental grassy mounds with deep green glossy arching leaves about ¼" wide. Generally evergreen. Tan seed heads resemble wheat. Deer resistant. Average-wet soil. Native to SE US Zone 7b *Mackey*
- Car2300** *Carex crinita* FRINGED SEDGE Per. 1'-3'. Full sun-partial shade. Late Spring.
2497 Green/tan flowers. This sedge flowers in early summer and holds its interesting dangling seed heads through fall. Native to east coast. Zone 7b *Mackey*
- Car2400** *Carex frankii* FRANK'S SEDGE Per. Sun/PtSun. 1-2'. Zone 5-8.
2497 Moist-wet soil. Flowers in spring-summer. Forms mounds of grass-like light green leaves. Wetland plant native to eastern US. Deer resistant. Zone 7b *Mackey*
- Car2500** *Carex muskingumensis* PALM SEDGE Sedge/Grass. Sun/PtShade. 2½ x 1½'. Summer. Zone 4-9.
2429 Germ: NST Zone 6 *Bricker*

Carex - Cercis

- Car2650** *Carex scaposa* CHINESE PINK FAIRY SEDGE Per. PtShade. 12 x 12". Summer/Fall.
0032 Source: US National Arboretum Zone 7b *Plant Delights*
- Car3450** *Caryopteris x clandonensis* STERLING SILVER BLUEBEARD Shrub. Sun/PtSun. 2-3 x 2'. Aug-Sept. Zone 5-9.
0592 Per. Sun/PtShade 2X2'. Cut back in spring. This cultivar blooms later, smaller in stature, self-sowing true since 2017. Best transplanted as first-year seedlings watered faithfully. Try outing an established specimen - who would have thought it dug in so deep! Zone 6 *Malocsay*
- Car3500** *Caryopteris divaricata* BLUE MIST SHRUB Per. Sun/PtShade. 3-6 x 5'. Fall.
0118 Violet-blue flowers with light green, aromatic foliage. Spikes of open, hooded flowers in late August. Germ: W; BC. Zone 5a *Stonecrop Gardens*
1224 Blue flowers. Germ: W; BC. Zone 5 *Lockhart*
- Cas1000** *Castanea dentata* AMERICAN CHESTNUT, CHESTNUT Tree. Sun/Part Shade. 50-75' tall. Summer. Zone 5a-8b.
0001 Chestnuts were the result of open pollination (viability not guaranteed). These chestnuts were the product of many years of dedicated research to ensure the purity of the line. Blight resistance is not inherited 100% of the time. Resistance is displayed once a tree is 1.5' in diameter at chest height. Prefer moderately acidic, sandy-loam soil in a well-drained location. Preferable to locate them on a slope for drainage facing east. Provide protection as seedlings. Zone 6b *Swenson*
- Cea1040** *Ceanothus americanus* NEW JERSEY TEA Shrub. Sun/PtShade. 3 x 3-4'. Summer.
0199 White blooms. An easy compact deciduous shrub widely native in the Eastern US that tolerates our summers and drought. Give it decent drainage. More people need to try this. Good rock garden background plant too. Was used as a tea substitute. Zone 7 *Cresson*
- Cel0430** *Celosia argentea* (Cristata Group) 'Dracula' DRACULA CELOSIA Annual. Full sun. 18". Summer.
2515 Wine colored flowers and leaves are reddish if grown in full sun. A large Celosia flower that looks great for Halloween. Started a few plants in the Spring, but then grew a few more over the summer to have fresh plants for later in the growing season. Does not need staking unless transplanted too many times. Germ: NST. Zone 6b *Doblmaier*
- Cen5700** *Centratherum punctatum* BRAZILIAN BACHELOR'S BUTTON, BRAZILLIAN BUTTON FLOWER, LARKDAISY TenPer. Sun. 3 x 3'. Summer-frost. Zone 9-11.
0592 One seedling from midsummer on does the work of a shrub with lovely foliage/bloom balance. Blue purple. Germ: NST. Self sowing readily in Pittsburgh though slow to germinate, making it a later season refresher. Zone 6 *Malocsay*
- Cep0550** *Cephalanthus occidentalis* BUTTONBUSH Shrub. Sun/Pt. Shade. 8'. Summer.
0200 White flowers. Nice native shrub that is easy to grow. Zone 6 *Creveling*
0239 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. Zone 7a *Doering*
9985 White flowers. Germ: W, NST. Zone 7a *Jenkins Arboretum*
- Cep2300** *Cephalotaxus sinensis* CHINESE PLUM-YEW Tree. 50'-65 tall. Zone 7.
3436 Shade-tolerant, deer resistant, small coniferous tree with 1" needles. Resembles Taxus, large seeds. Germ: CMS. Zone 7a *Silberstein*
- Cer1300** *Ceratotheca triloba* SOUTH AFRICAN FOXGLOVE An. Sun. 4-6 x 2½'. Summer-Fall.
0592 Pink trumpets, handsome foliage, very quick to bloom from seed. Zone 6 *Malocsay*
2515 Large, light-purple, snapdragon-type flowers. A must for my containers. Blooms all summer, if deadheaded. Germ: NST. Zone 6b *Doblmaier*
- Cer2050** *Cercis canadensis* EASTERN REDBUD, JUDAS TREE Tree. Sun/PtShade. 30 x 30'. Spring. Zone 4-8.
1277 Pink-lavender flowers. Germ: 24 hr soak. CMS 3 mo. Zone 6a *Haas*
- Cer2390** *Cercis gigantea* GIANT REDBUD, GIANT-LEAF REDBUD Tree/Shrub. Sun. Late Spring/Summer. Zone 7-8.
2412 C. canadensis on steroids! Purplish Pink. Foliage 6-8" long. Can be left multi-trunked or trained to be a single trunk. Germ: CMS 30-60d. SCFY. BC. Zone 7A *Schiller*

- Cer3030** *Cerinthe major* HONEYBELLS An. Sun. 2 x 2'. Spring.
1715 An annual perennial (or reseeding) in zone 8b and above. Blue blooms. Zone 8b *Rosenblum*
- Ces2000** *Cestrum* species ORANGE PEEL CESTRUM
3436 Orange blooms. 5-6' high. Germ: SR. Shrub which dies back in mid 20s and flowers on new wood. Easily hardy in zone 7 with a little mulch. Zone 7a *Silberstein*
- Cha0610** *Chamaecostus cuspidatus* FIERY COSTUS Ten.Per. PtShade/Shade. 18 x 18". Zone 10.
0199 Clumping ginger relative produces long lasting orange flowers year around. A great houseplant for moderate light. Zone 7 *Cresson*
- Cha0625** *Chamaecyparis thyoides* 'Glauca' WHITE CEDAR Evergreen. Full Sun to Partial Shade. 10'. Zone 3a-8b.
2802 Evergreen, small, glaucous-leaved tree. Zone 7a *Schenck*
- Cha0640** *Chamaecrista fasciculata* PARTRIDGE PEA An. Sun. 1-3 x 1-3'. Summer
9976 Germ: Scfy: nick, chip, or file seed coat. Zone 6b *Wave Hill Gardeners*
- Che2000** *Chelone glabra* TURTLEHEAD Per. PtShade. 2-3 x 2'. Summer-Fall.
0084 White flowers. Native plant, summer flowers, moist-wet soil. Germ: OW Zone 6b *Bowditch*
0318 Pink flowers. Likes moisture. Will self-sow if happy. Zone 6b *Garnett*
- Che2300** *Chelone lyonii* 'Hot Lips' TURTLEHEAD Per. Sun/PtShade. 3-4 x 2'. Late Summer-Fall. Zone 3-8.
0590 Zone 7a *Mahony*
- Che2600** *Chelonopsis yagiharana* Per. PtShade. 12 x 18". Summer-Fall.
0199 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. Zone 7 *Cresson*
- Chi0750** *Chimonanthus praecox* WINTERSWEET, JAPANESE ALL-SPICE Shrub. Sun/PtShade. 10-15 x 8-12'. Winter.
0522 Germ: SR. Zone 7a *Kushner*
9975 Highly fragrant, translucent yellow flowers bloom in January-February for winter interest. Glossy green leaves emerge in spring after the flowers have bloomed and turn yellow in the fall. Germ: Scarify seeds and soak in water for several hours, then refrigerate in a sealed plastic bag for 5-8 weeks. Sow in spring in a cold frame. Germination can be slow, and plants grown from seed usually will not bloom for the first 5-10 years. Zone 7a *Bartram's Garden*
- Chi0800** *Chimonanthus praecox* 'Luteus' WINTERSWEET
0522 Purer yellow (no purple heart) than other chimonanthus. Stronger fragrance. High germination rate from seed. Source: Roslyn Nursery, 1996. Germ: CMS: 6 wk; C. Zone 7a *Kushner*
0965 Pale yellow. Wonderfully fragrant, winter blooming large shrub to 10 feet. Zone 7a *Umpfrey*
- Cit1150** *Citrus trifoliata* 'Flying Dragon' BITTER ORANGE Tree. Sun/PtShade. 4-6 x 12-15'. Spring/Summer. Zone 6-10.
3436 White flowers. Very spiny. Flowers with *Cornus florida*. Contorted growth. Germ: CMS 30 days. Zone 7a *Silberstein*
- Cla0070** *Cladrastis kentukea* 'Perkins Pink' YELLOWWOOD Tree. Sun. 30-50'. Pink. May to June. Zone 4-8.
9991 This specimen tree was received in the fall of 1956 from Brimfield Gardens. It took 20 years to flower, revealing it was (and is!) var. *rosea*. Share the genetics of this special pink flowering yellowwood. Germ: Scarify and soak, CMS 60. *Barnes Foundation*
- Cle0590** *Clematis* 'Arabella' CLEMATIS Per/Vine. Sun/PtSun. 3-5'. Blue. Spring to Fall. Zone 4-11.
3132 Blue flower 3" wide. Prune group 3. Zone 7a *Axel*
- Cle0650** *Clematis* 'Bill Mackenzie' CLEMATIS Per/Vine. Sun/PtSun. 10-15'. Yellow. MidSummer to Fall. Zone 4-9.
3132 1" yellow flower. Prune group 3. Zone 7a *Axel*
- Cle3200** *Clematis glaucophylla* Vine. Sun/PtShade. 12+' . Summer.
0045 Pink-white blooms late spring. One of our native 'Leather flower' clematis. Small showy flowers. Germ: Max germination time: 2 years Zone 6b7a *Bartlett*
2429 Zone 6 *Bricker*

Clematis - Clematis

- Cle3250** *Clematis glaucophylla* 'Panhandler' PANHANDLER WHITELEAF LEATHER FLOWER Vine. Sun/PtShade. 12+' Summer. Zone 6-10.
0032 Lavender bell flowers from June-October followed by attractive silvery seed heads. This form is from the Florida panhandle. Zone 7b *Plant Delights*
- Cle3800** *Clematis hexapetala* Vine. Sun. 25 x 3-4'. Summer.
1607 White bloom. Pruning group 3. Non-climbing. Germ: CMS 90d. Zone 7a *Jellinek*
- Cle3810** *Clematis* 'Huldine' CLEMATIS Vine. Sun. 10-12'. White. Mid/Late Summer. Zone 4-9.
3132 Small white bloom. June to Sept. Group 3 pruning. Zone 7a *Axel*
- Cle3830** *Clematis hexapetala* 'Mongolian Snowflakes' MONGOLIAN SNOWFLAKES SIX-PETALED BUSH CLEMATIS Per. Sun. 18". Zone 4a-7b.
0032 The stems are laden near the tips with hundreds of six-petaled (i.e. hexapetala) white flowers from spring through summer...a truly amazing perennial. Zone 7b *Plant Delights*
2137 White flowers. Non-climbing Clematis blooms all summer with small, white flowers. 1-1/2'-sized plant forms a nice groundcover with thick, pinkie-sized leaves. Germ: CMS for 90 days. Zone 6b *Boylan*
- Cle3940** *Clematis integrifolia* 'Lake Baikal'
3666 Per. Rich Pink. 18". Germ: CMS Zone 5 *McGowan*
- Cle4500** *Clematis ladakhiana* Vine. Sun. 15-20'. Summer.
0199 Yellow flowers with maroon dots. Flowers are small, nodding, and prolific. Glaucous gray foliage. Likes hot sunny dry location. Zone 7 *Cresson*
- Cle5085** *Clematis* 'Nubia' CLEMATIS Per/Vine. Sun/PtSun. 3-5'. Red. Late Spring to Summer. Zone 4-9.
3132 Deep red bloom 5-6" across. Prune group 2. Zone 7a *Axel*
- Cle5100** *Clematis ochroleuca* OCHRE CLEMATIS, CURLY HEADS Per. Vine. Sun/PtShade. 15". Spring. Zone 4-8.
2137 In late spring, the 15" tall x 15" wide clumps are topped with pendulous, fuzzy, creamy-white bells. Following flowering, the plants are covered with splendid seedheads which resemble large, attractive, golden balls of lint. Zone 6b *Boylan*
- Cle5350** *Clematis pitcheri* LEATHERFLOWER, BLUEBELL Vine. PtShade. 10'. Summer.
2137 Purple blooms. Native 6' tall vine with pendant purple bell-shaped flowers. Blooms all season. Germ: Cycle: Alternate cold and warm periods for 90 days. Zone 6b *Boylan*
- Cle5360** *Clematis pitcheri* hybrid LEATHERFLOWER, BLUEBELL Vine. PtShade. 10'. Summer.
0199 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. crispa*. Zone 7 *Cresson*
- Cle5420** *Clematis* 'PRINCESS KATE' PRINCESS KATE CLEMATIS Vine. 8-12' long. FS. Zone 5a-11.
2137 Flowers are pink-purple with white centers. Upright, bell-shaped flowers which bloom throughout the growing season. 8-10' tall vines. Germ: Cycle: alternate cold and warm periods for 42 days. Zone 6b *Boylan*
- Cle5620** *Clematis* 'Rooguchi' Per. Vine. Sun/PtShade. 6-4'. Early Summer-Early Fall. Zone 4-8.
0522 Plum purple flowers. A nonstop bloomer for months. Dainty, ribbed, bell-shaped flowers. Zone 7a *Kushner*
- Cle5900** *Clematis stans* Per. Sun/PtShade. 2 x 3'. Summer-Fall. Zone 5-10.
3001 Blue flowers. Bush-type, similar to *C. heracleifolia*, but more compact. Blue tubular flowers. Germ: CMS: 30 d, then warm. Zone 7 *Gregg*
- Cle6150** *Clematis texensis* SCARLET CLEMATIS, TEXAS CLEMATIS Vine. Sun/PtShade. Summer-Fall. 15 x 1 1/2'. Summer.
0199 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. Zone 7 *Cresson*
1277 Woody deciduous climbing shrub to 6-12'. Solitary bell-shaped to 1" scarlet blooms. Zone 6a *Haas*

- Cle6480** *Clematis versicolor* PALE LEATHERFLOWER CLEMATIS Per. 6'-16'. Full sun-partial shade. Late Spring. Zone 5-9.
2137 Pale lavender flowers. Glaucous green, rounded pinnate leaves adorn the wiry cinnamon-colored stems which are topped with an abundance of terminally-produced pendulous purple bells that fade to white toward the tip. Germ: BC. Grow at 70 F for 3 wks, then refrigerate for up to 3 months. Zone 6b *Boylan*
- Cle6490** *Clematis vineacea* OCOEE LEATHERFLOWER CLEMATIS Per. 3'-5'. Full sun. Spring/Summer Zone 6-11.
2137 Pink flowers. Single-origin leatherflower with small dark pink bells. Plants grow from 3-5' tall and repeat bloom throughout the growing season. Zone 6b *Boylan*
- Cle6495** *Clematis* 'Violet Stardust' Per. Sun. 2'. Zone 3-7.
2137 This broad leaved hybrid Clematis is a cross between two distinct species, giving it a unique look and performance in the garden. The clump is covered with a profusion of small 1½", blue violet, four to five-petaled, star-shaped nodding flowers. The centers of the flowers have creamy white anthers that contrast beautifully with the petals. Zone 6b *Boylan*
- Cle6500** *Clematis viorna* VASEVINE PerVine. Shade/PtShade. 6-12'. Summer. Zone 4-8.
3176 Pink/purple flowers on long blooming native vine. Interesting seed heads in the fall. My plants are from seeds from the HPS/MAG seed exchange. Germ: CMS 3 months Zone 7a *Maher*
9985 Fall seed structure is decorative. Native. Germ: Soak 24 hours then sow outside (sowing in fall is preferred). These seeds were warm stratified 30 days then kept cold since 11/24. Zone 7a *Jenkins Arboretum*
- Cle6650** *Clematis viticaulis* MILLBORO LEATHERFLOWER CLEMATIS Vine. Sun/PtShade. 15 x 18". Spring. Zone 4b-8b.
2137 The compact 15" tall x 18" wide clumps are composed of sturdy wiry stems clothed in thick, hairy, green, single leaves and topped in spring with terminal, urn-shaped, creamy flowers having a purple blush. Zone 6b *Boylan*
- Cle7300** *Cleome hassleriana* SPIDER FLOWER An. Sun. 5-6 x 3'. Summer-Fall.
0239 Pink blooms. Great mid to late summer bloomer for the back of the garden. East to grow and, best of all, deer resistant. Germ: SIS, SS, NST. Zone 7a *Doering*
- Cle7500** *Cleome hassleriana* 'Violet Queen' SPIDER FLOWER An. Sun. 24 x 40". Summer.
0043 Darker purple than most. Great with other cleome or by itself. Will seed around, but easy to weed or move to where you want them (when small). Zone 6 *Biderman/Barron*
- Cle8500** *Clerodendron trichotomum* HARLEQUIN GLORY BOWER Shrub. Sun/PtShade. 10 x 10'. Summer. Zone 7-10.
0522 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. Zone 7a *Kushner*
- Cle9000** *Clethra acuminata* CINNAMON CLETHRA Shrub/Tree. PtShade. 12 x 12'. Summer.
9985 Zone 7a *Jenkins Arboretum*
- Cle9200** *Clethra alatifolia* SUMMERSWEET, SWEET PEPPERBUSH Shrub. PtShade. 8 x 8'. Summer-Fall. Zone 3-9.
1277 White flowers. It is difficult to separate the seed from the capsule, so just plant the whole thing. Zone 6a *Haas*
- Cle9230** *Clethra alatifolia* 'Hummingbird'
1277 White flowers. Nice dwarf cultivar of summersweet. Blooms in summer. Germ: CMS 90 d. Zone 6a *Haas*
- Cle9250** *Clethra alatifolia* 'Ruby Spice' SUMMERSWEET, SWEET PEPPERBUSH Shrub. PtShade. 4-6' x 3-5'. Summer-Fall. Zone 4-8.
1277 Pink flowers. Zone 6a *Haas*
- Cli4000** *Clivia miniata* NATAL LILY TenPer. PtShade. 30 x 30". Spring-Summer.
0199 Lemon-yellow flowers. Self-pollinated seed from 'Sir John Thouron'. Will come true. Germ: Sow immediately. Zone 7 *Cresson*
- Cod3000** *Codonopsis pilosula* PerVine. Sun/PtShade. 5'. Midsummer.
0118 Purple flushed, greenish yellow, nodding bells. Northern China. A vigorous, vining plant with purple flushed, greenish yellow, nodding bells. Thick, tuberous roots are used in traditional Chinese medicine as a tonic, similar to ginseng. Midsummer. Well-drained soil. Sun/partial shade. Germ: W, L, SS. Zone 5a *Stonecrop Gardens*
- Cod5000** *Codonopsis species* Per.Vine.Sun/Pt. Shade, 3-8' long. Summer.
2802 Vine to 6' long. Flowers are green bells with purple veining. Medicinal uses. Zone 7a *Schenck*

Codonopsis - Cosmos

- Cod5050** *Codonopsis tubulosa* PerVine. Sun/PtShade. 8'. Summer.
0239 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. Zone 7a *Doering*
- Col1090** *Colchicum autumnale* MEADOW SAFFRON Bulb. Sun/PtSun. 6". September. Zone 4.
0199 Pink. Fall blooming bulb with spring foliage. This is the true species which is very difficult to obtain. Zone 7 *Cresson*
- Col1390** *Collinsonia antsata* ANISE HORSEBALM Per. PtSun.
0032 Jackson Co. FL Zone 7b *Plant Delights*
- Col1400** *Collinsonia canadensis* HORSEBALM Per. PtShade. 2-4 x 1-3'. Late Summer. Zone 4-8.
0032 Germ: CMS, Cycle. BC, NST. Zone 7b *Plant Delights*
- Con0700** *Conoclinium coelestinum* BLUE MISTFLOWER Per. Sun/PtShade. 24-36". Midsummer-Fall. Zone 5-10.
0590 Very vigorous. Lots of blue-violet flowers first year. Grew in bottomless pot sunk in the garden. 18" - 24" height. Source HPS 2022. Germ: NST. SIS Zone 7a *Mabony*
3397 Blue flowers. Native pollinators love it, tons of bloom in September and October. Can tolerate wet feet. Self-sows readily to make lovely clumps. Germ: SIS Zone 6b *Egbertson*
9985 Zone 7a *Jenkins Arboretum*
- Con1050** *Consolida ajacis* LARKSPUR An. Sun. 4 x 1'. Late Spring-Summer.
0043 Mix- light blue, pink, dark blue, white. Really great massed for middle summer show. Seeds around. Germ: SIS Zone 6 *Biderman/Barron*
0239 Mostly blue, some white flowers. Wonderful filler for perennial garden. Germ: SS; SIS late winter where color is desired. Zone 7a *Doering*
- Con1100** *Consolida ajacis* (blue) LARKSPUR An. Sun. 4 x 1'. Late Spring-Summer.
1607 Blue flowers on 4' plants in early summer. Sow in situ late winter. Germ: SIS. Zone 7a *Jellinek*
- Con2800** *Convolvulus tricolor* 'Royal Ensign' DWARF MORNING GLORY An. Sun/PtShade. 1X1'.
0592 Oddly erratic in my garden this first attempt. Pot-sown in March, transplanted with care, it grew apace where happy and responded well to discipline. Germ: Scfy; Soak overnight. Zone 6 *Malocsay*
- Cor1200** *Coreopsis gladiata* COASTAL PLAIN TICKSEED Per. Sun. 1-2'. Fall. Coastal plain native from NC to TX. Zone 7b-10b.
0032 Zone 7b *Plant Delights*
- Cor2700** *Cornus elliptica* EVERGREEN DOGWOOD Shrub. Sun/PtShade. 15-20 x 12-15'. Summer. Zone 7-9.
0522 White flowers. A lovely understory, semi-evergreen Dogwood. 15-20' tall. Notable for its thick, glossy, bright green leaves that turn purplish in the winter. Edible fruits. Introduced at the US National Arboretum in 1980 by Ted R. Dudley. Zone 7a *Kushner*
1999 *Cornus elliptica* is an evergreen to semi-evergreen dogwood that is native to China. It was introduced to the U.S. in 1980 by Ted R. Dudley of the U.S. National Arboretum. It is hardy in USDA Zones 6-8. Small tree blooms in early summer. The edible fruit, collected in late September or early November, is used in making jellies and jam. Germ: Cycle; Soak seeds overnight in warm water then cold, moist stratify for 90 d. Plants germinate when returned to 70°F in 21 d. Zone 8a *Norfolk Botanical staff*
- Cor2750** *Cornus florida* FLOWERING DOGWOOD Tree/Shrub. Sun/PtShade. Spring.
1277 White flowers. Germ: CMS 3mo. Pot up seeds and OW. Zone 6a *Haas*
- Cor5000** *Corydalis cheilanthifolia* FERNLEAF CORYDALIS Per. 15 x 15". Late Spring-Early Summer.
0590 6-12" foliage. 12-18" with yellow flower. Attractive fern-like foliage. Self-seeds. Can form a dense mass. Germ: NST Zone 7a *Mabony*
- Cos1300** *Cosmos astrosanguineus* CHOCOLATE COSMOS Per. Sun. 2-3'. Summer to Fall. Zone 7-10.
9991 Dark maroon, heat loving perennial that blooms from mid summer through frost. At 30" tall, it is both showy and fragrant. Germ: Easy to start from seed, sow 4-6 weeks before last frost. NST. *Barnes Foundation*

- Cos1420** *Cosmos bipinnatus* 'Picotee' COSMOS Annual. Full Sun. 2' tall. Summer to Fall.
2515 Flower color is white with a deep pink/rose picotee edge. Long bloom time. Deadhead to get repeat flowering all summer long. Germ: NST. Zone 6b *Doblmaier*
- Cos1430** *Cosmos bipinnatus* 'Rubenza' COSMOS Annual. Full sun. 3' tall. Summer to Fall.
2515 Deep red flowers on a taller Cosmos. May need staking and remember to deadhead to get more flowers. Germ: NST. Zone 6b *Doblmaier*
- Cos2500** *Cosmos sulphureus* YELLOW COSMOS An. Sun. 4 x 1½'. Summer-Fall.
0797 Orange flowers. Very free flowering. More delicate than the usual white and pink *C. bipinnatus*. Germ: NST; L; W. Zone 6b *Robinson*
- Cos2600** *Cosmos sulphureus* 'Cosmic Orange' An. Sun. 2-3 x 2-3'. Summer-Fall.
0627 Bright yellow-orange flowers. Self-sows. Zone 6b *McShane*
- Cra1270** *Crambe maritima* SEA KALE Per. Sun. 2-3'. Late Spring/Midsummer. Zone 5-9.
0592 White blooms. Leaves very large, expansive--I remove those that lose their luster. Large, long-lasting cloud of fragrant bloom in spring. Gently crack husk before sowing. Seed laden stalks and lower leaves add interesting bone white to dry arrangements. Zone 6 *Malocsay*
0951 White blooms. Tough plant for sunny, well-drained soil. Beautiful blue cabbage leaves and sprays of white flowers in June. Zone 6b *Tracey*
- Cro0100** *Crocantbemum carolinianum* CAROLINA ROCK ROSE Per. Sun/PtSun. 12-18". Yellow. Spring to early summer. Zone 7b - 10b.
0032 Zone 7b *Plant Delights*
- Cro1050** *Crocsmia* 'Lucifer' Per. Sun. 3-4'; to 4½' in bloom. Summer.
2504 Scapes of brilliant red flowers in mid-summer. Hummingbird magnet. To 5 feet. *Mills, M*
- Cyc0800** *Cyclamen coum* (mixed leaves) HARDY CYCLAMEN
0045 Pink. Germ: Soak in water 24 hrs; D; C; max germination time 1 year. Zone 6b7a *Bartlett*
- Cyc1700** *Cyclamen hederifolium* Per. Shade. 5 x 5". Fall.
0199 Pink blooms. Bulb. PtShade/DecShade. 3 x 12". Aug-Oct. From various foliage forms including silver-marbled, narrow, and wide leaf shapes. Good drainage is critical. Fully tolerant of summer drought when they are dormant. Tuck under shrubs where they won't be disturbed. Zone 7 *Cresson*
2429 Zone 6 *Bricker*
- Cyc3000** *Cyclamen persicum* CYCLAMEN Per. Shade. 6 x 10". Winter. Zone 8-10.
0199 Pink blooms. Bulb. Silver-marbled, heart-shaped leaves. Doubtful outdoor hardiness, but makes a good plant for a cool windowsill. Summer dormant. My parent plant is 30 years old. Zone 7 *Cresson*
- Cyp1000** *Cypella coelestis* GOBLET FLOWER TenBulb, Sun/PtShade. 3-4' x 3-6". Summer-Fall. Zone 7b.
0032 Blue flowers. Germ: BC, SS, NST. Zone 7b *Plant Delights*
- Cyp1200** *Cypella herbertii* HERBERT'S GOBLET FLOWER Bulb. Sun/Pt.Sun. 20". Spring-Summer Zone 7-9.
0032 Yellow-orange goblet-shaped flowers. Little-known but easy to grow South American bulb. Zone 7b *Plant Delights*
- Cyr1000** *Cyrilla racemiflora* TITI, LEATHERWOOD, SWAMP CYRILLA Shrub/Tree. Sun. 7-15 (30)'. Late Spring/Early Summer. Zone 6-11.
2802 White, fragrant flowers that bloom in late Spring/ early summer. Native tree. Attracts pollinators. Zone 7a *Schenck*
- Cyr1100** *Cyrilla racemiflora* 'Tom Patrick' Shrub. Sun/PtSun. 6 x 4'. White. Early Summer. Zone 6.
0199 White. A new dwarf compact form of this native shrub, discovered in Georgia, that blooms prolifically. Racemes of white flowers, deciduous foliage. Prefers rich acidic soil. Very garden worthy! Zone 7 *Cresson*
- Dah0030** *Dahlia variabilis* 'Bishop's Children' SINGLE FLOWERED BORDER DAHLIA TenPer. Sun. 18-36 x 36-48". Summer.
3176 Dramatic dark leaves. Seed taken from salmon and burgundy flowered plants but probably variable. Full grown and flowering first summer. Not frost hardy - tubers can be dug and stored cool and dry over winter. Loved by pollinators. Beautiful cut flowers. Germ: Start indoors 4-6 weeks prior to last spring frost. Zone 7a *Maber*

Dalea - Digitalis

- Dal1070** *Dalea purpurea* PURPLE PRAIRIE CLOVER Per. Sun. 1-3' x x 1-1.5'. Summer. Zone 3-8.
0032 Zone 7b *Plant Delights*
- Dan1050** *Danae racemosa* POET'S LAUREL Shrub. PtShade/Shade. 3 x 3'. Summer. Zone 6-9
0522 Greenish yellow bloom. Notable for its waxy green leaves. Evergreen with orange berries in the autumn. Favored by floral arrangers. Zone 7a *Kushner*
3001 Gradually forms a 4x4 arching shrub. PS to Shade. Sun will scorch. Orange berries in the fall. Slow growing. Rarely found in the trade, as it takes 4-5 years to grow a saleable plant. Germ: Keep seeds warm moist or give a cold period of several months. Can be very slow to germinate. Zone 7 *Gregg*
- Das1550** *Dasyliirion wheeleri* 'Apache Junction' *KJS 334* DESERT SPOON, SOTOL Per. Sun. 3-5 x 4-6'. Zone 6-10.
0032 From wild collected seed from Kenton J Seth, from plants in Apache Junction, AZ. Germ: NST. Zone 7b *Plant Delights*
- Das1600** *Dasyliirion wheeleri* 'Payson Giant' WHEELER'S BLUE SOTOL Per. Sun. Up to 84". Zone 7b -10b.
0032 This form of the wonderful *Dasyliirion wheeleri* comes from seed we collected near the town of Payson in Gila County, Arizona. Zone 7b *Plant Delights*
- Dat3170** *Datura metel* 'Double Golden Queen' YELLOW ANGEL'S TRUMPET An. Sun. 4 x 2-4'. Summer-Fall.
0590 Pale yellow/creamy yellow (not gold). Hose-in-hose trumpet flowers are 6-8" long and 3-4" wide. Fragrant. Medium green, up to 12"-wide leaves. Takes 10-12 wk for seed to flower. Grown without any other daturas, so will likely be yellow. Germ: NST. Start early inside. Zone 7a *Mabony*
- Dia0800** *Dianthus barbatus* 'Nigrescens' Bien. Sun. 1-2 x 2'. Late Spring-Summer.
2937 Deep maroon/chocolate. A biennial or short lived perennial who's dark flowers look best alongside lighter colors or gray foliage. Zone 6a *Bittmann*
- Dia4700** *Dianthus knappii* 'Yellow Harmony' Per. Sun/PtShade. 12-18". Midsummer/Early Fall. Zone 3-9.
0592 Nosegay close-up offers subtle detail apt to be missed in the garden where it shows nicely at the feet of *Digitalis lutea/ferruginea*. Zone 6 *Malocsay*
- Dia5350** *Dianthus plumartius* COTTAGE PINK Per. Sun. 6-12 x 15". Early Summer. Zone 4-9.
0199 Pink blooms. Per. Sun. 6-12 x 15". June. This is a quintessential cottage garden plant for the front of a bed or rock garden. Flowers held above a mat of gray foliage. Some rebloom in summer. Zone 7 *Cresson*
- Dic4650** *Dicentra torulosa* An./TenPer. Vine. Sun/PtShade/Shade. 12'. Summer.
0797 Lacy vine with small yellow flowers. Climbs up through shrubs. Self-sows everywhere. Germ: NST; BC; W. Zone 6b *Robinson*
- Dig2500** *Digitalis grandiflora* PERENNIAL FOXGLOVE, YELLOW FOXGLOVE Per. Sun/PtShade. 1-1½ x 1'; from 2-3' tall in bloom. Late Spring-Summer.
0199 Yellow flowers. The soft yellow flowers blend with almost any color. Reblooms if cut back. Zone 7 *Cresson*
0797 Germ: BC; SIS. Zone 6b *Robinson*
- Dig3020** *Digitalis lamarkckii* Per. PtShade. 3'.
0592 Widespread self-sowing creates one of this garden's best spring shows extended by its generous side shoots. The odd stout bells with single lower lip have 2 subtly different shapes. All nectarists treat them as unfailing honeywells. Sequential self-sowing offers some late bloom and small transplants to root in well ahead of winter. The glossy rosettes are beautiful year round. The spires - bouquet drama. Germ: NST. Zone 6 *Malocsay*
- Dig3050** *Digitalis lanata* GRECIAN FOXGLOVE Bien./Per. Sun/PtShade. 2-3 x 1'. Late Spring-Summer.
0199 White/yellow flowers. Despite the name *lanata*, the leaves are smooth and green. Soft yellow flowers, veined with brown and a prominent white lip surround the stem. I let it naturalize in the rock garden. Zone 7 *Cresson*
- Dig3500** *Digitalis lutea* STRAW FOXGLOVE Per. PtShade. 6-12" x 12"; from 1-2' in bloom. Late Spring-Summer. Zone 3-9.
0592 Spires of tiny mellow yellow bells are on view from spring to winter freeze, responding to cutback. Spires let go to seed may insist on offering side shoots. Thrives in sun and dry shade, picks well, rosettes beautiful year round. Germ: NST. Steady self-sower. Zone 6 *Malocsay*
0797 Yellow flowers. Germ: BC; SIS. Zone 6b *Robinson*

- 3666 Pale yellow flowers. Germ: CMS. Zone 5 *McGowan*
- Dig4050** *Digitalis purpurea* FOXGLOVE Bien./Per. PtShade. 2 x 2'; from 4-6' in bloom. Early Summer.
1918 Purple-pink-white flowers. This classic cottage garden biennial plant should be sown in mid to late spring for bloom the following year. Spires of tubular flowers loved by bumblebees. Germ: SIS. Zone 6b *Carey*
- Dip1050** *Dipsacus fullonum* TEASEL Bien. Sun/PtShade. 4-6' x 1-2'. Summer-Fall. Zone 3-8.
0797 Buff-colored flowers. Zone 6b *Robinson*
3321 Green blooms with lilac bands. Zone 6 *Perron*
- Dis6650** *Disporum uniflorum* FAIRY BELLS Per. PtShade. 18 x 12". Spring. Zone 4-9.
0951 Yellow flowers. Tough, long-lived, early blooming perennial. Zone 6b *Tracey*
- Dra2250** *Dracocephalum ruyschiana* DRAGONHEAD Per. Sun/PtShade. 1'. Summer.
1277 Nice rock garden plant. Likes good drainage. Low-growing. Bears short spikes of dark blue blooms in mid to late summer. Zone 6a *Haas*
- Dro1000** *Drosera filiformis* var. *filiformis* THREADLEAF SUNDEW Per. Sun/PtShade. 6-8". Zone 3-8.
3645 Purple flowers. Germ: CMS: 60 days. SS. Zone 7a *Roskoph*
- Ech0030** *Echeandia texensis* 'Loma del Potrero Cercado' TEXAS SHOOTING STAR LILY Per. Sun. 4-5' x 2-3'. Fall. Zone 7b-10b.
0032 Yellow orange blooms. Seed strain from plants collected originally from Loma del Potrero Cercado in Cameron Co, Texas in the Lower Rio Grande Valley. Remarkably hardy despite being from a zone 9b/10a. Germ: W, BC, NST. Zone 7b *Plant Delights*
- Ech0250** *Echinacea purpurea* PURPLE CONEFLOWER Per. SunPt/Sun. 2-5' x 1.5-2'. Summer-Fall. Zone 3-8.
1181 Purple flowers. 3-4' tall and 2' wide. Low maintenance perennial that attracts butterflies and the birds enjoy the seed heads. Germ: W; NST Zone 7a *Cyphers*
- Ech1400** *Echinacea* 'Cheyenne Spirit' CONEFLOWER Per. Sun/PtSun. 1-2½ x 1-2'. Summer. Zone 4-9.
0590 Gold, yellow, orange, red, purple. Zone 7a *Mabony*
- Ele0450** *Elephantopus carolinianus* ELEPHANT'S FOOT Per. Sun/PtShade. 2-3 x 2-3'. Late Summer-Fall. Zone 4-9.
0239 Sun/Shade. Drought tolerant. Deer resistant. Lavender. Late Summer. Seeds around. Remove seedheads if necessary to contain. Germ: NST Zone 7a *Doering*
9985 Zone 7a *Jenkins Arboretum*
- Ell2300** *Elliottia racemosa* GEORGIA PLUME Shrub. 8-12 x 4' Summer.
1170 Seeds collected from a single, self-pollinated tree. Viability uncertain. Plant originally collected from Georgia in 1936 by Mary Henry. Germ: Cold stratification 60-90 d in 1/2 peat and 1/2 sand mixture. May require double dormancy. Zone 7 *Henry Foundation*
- Els1050** *Elsoltzia stauntonii* MINT BUSH Per. Subshrub. Sun. 3-5'. Summer-Fall.
0239 Purple-pink flowers. Foliage is mint-scented. Late flowers a plus for the late summer garden. Germ: NST; BC; W; 2-3 wk. Zone 7a *Doering*
1277 Lavender flowers. Nice, little known shrub similar to caryopteris. Deadhead to prevent reseeding. Zone 6a *Haas*
- Emi2000** *Emilia coccinea* TASSEL FLOWER An. Sun. 2 x 1'; to 3' in bloom. Summer-Fall.
0592 No end of red and orange volunteers all season long. Unruly maturity can be disciplined but easier to out it in favor of fresh starts. All the nectarists love it as do the birds that scatter its seed. Great for bouquets. Germ: NST Zone 6 *Malocsay*
2621 Scarlet pompoms dance on long wiry stems. Handles heat and humidity well. Cut back to renew. Self sows. Germ: NST. Direct sow mid spring. Plant out after light frost. Zone 6 *Nachlas*
- Emm1000** *Emmenopterys henryi* Zone 7A.
3436 White bracts. Needs some sun and moist soil. Zone 7a *Silberstein*
- Eng0500** *Engelmannia peristenia* ENGLEMANN'S DAISY Per. Sun. 2'. Spring-Summer. Zone 5-10.
0592 Bloomed first year from seed under lights in March. Self-reliant foliage, pleasantly informal yellow daisy and low stature make it easy to work with. Zone 6 *Malocsay*

Engelmannia - Euphorbia

- Eng1000** *Engelmannia peristenia* 'Bergheim' ENGLEMANN'S DAISY Per. Sun. 2'. Spring-Summer. Zone 5a-10b.
0032 Yellow blooms. Seeds from plants grown from wild collected seed in Comal Co, TX just E of Bergheim, coll #A3T-017.
Germ: W, BC, SS, NST. Zone 7b *Plant Delights*
- Enn1000** *Ennealopbus euryandrus* ARGENTINE BLUE IRIS TenBulb. PtShade. 10-12". Spring-Summer. Zone 7b -10b.
0032 ArSd 2.293.509 Zone 7b *Plant Delights*
- Eri1600** *Erigeron pulchellus* 'Meadow Muffin' Per. Sun/PtShade. 3 x 6; to 10" in bloom. Spring.
0199 White, tinted pink, daisies with yellow centers in May. Rare and adaptable dense stoloniferous ground cover for dry shade or sun with dark green rosettes of hairy foliage. Differs from 'Lynnhaven Carpet' by rounder leaves in tighter rosettes.
Zone 7 *Cresson*
- Ery3010** *Eryngium giganteum* MISS WILLMOTT'S GHOST Bien. Sun. 3 x 1'. Summer.
0199 Stiff, silvery, prickly flower heads. A classic. Allow to self-sow. Zone 7 *Cresson*
0592 Self-sowing biennial. First year seedlings transplanted (carefully) in spring yield stunted specimens where the full measure of Miss Willmott's fierce loveliness would be hard to negotiate. Same goes for dried arrangements. In this garden, it self-sows only in dry shade. Germ: SIS. Zone 6 *Malocsay*
9968 Silver-white flowers. Architectural plant. Full sun. Well-drained soil. Germ: Pretreatment: 65-70 for 2-4 weeks then 25-40 for 4-6 weeks or sow outdoors in late Summer to Fall Zone 7a *Roper/Chanticleer*
- Ery3500** *Eryngium leavenworthii* An. Sun. 3 x 3; to 3' in bloom. Summer-Fall.
9968 Blue-purple flowers. Annual. Sun, well-drained, average soil, 2' T, 2' W. Great cut flower. Foliage is blue-grey.
Germ: CMS: 8-10 weeks sown in late autumn-early spring. May require a 2nd moist/cold stratification. Zone 7a *Roper/Chanticleer*
- Ery3600** *Eryngium pandanifolium* PANDANUS LEAF ERYNGIUM, GIANT SEA HOLLY Per. Sun/PtShade. 5 x 5'. Midsummer- Mid Fall. Zone 7a-9b.
0032 Gray-green blooms on 5' plant. Germ: BC, SS, NST. Zone 7b *Plant Delights*
- Ery3750** *Eryngium planum* SEA HOLLY Per. Sun. 6 x 6"; to 30" in bloom. Summer-Fall.
0797 Small, silvery, steely blue, spikey flower heads add texture all summer. Germ: BC; W, 2-3wk; C, 3-5wk. Zone 6b *Robinson*
- Ery4400** *Eryngium ravenelii* 'Charleston Blues' RAVENEL'S SWAMP RATTLESNAKE MASTER Per. Sun/PtSun. 30". Zone 4a-8b.
0032 Small basal rosette of 1' long linear leaves, which, starting for us in mid-August, is topped with 30" tall flowering stalks, each ending in branched antennae-like clusters of 6-10 blue fuzzy, thumb-sized ball flower heads...a superb pollinator plant. Zone 7b *Plant Delights*
- Ery5300** *Eryngium yuccifolium* 'Kershaw Blue' BUTTON ERYNGO, RATTLESNAKE MASTER Per. Sun/PtShade. 30". Late Summer. Zone 4a-8b.
0032 A1SC-002. Green blooms. Seeds from a plant from Kershaw, SC. This is a seed strain which comes true to type. Germ: BC, SS, NST. Zone 7b *Plant Delights*
- Euo1280** *Euonymus atropurpureus* WAHOO, BURNING BUSH Shrub. Sun/PtShade. 4-6'. Summer.
9985 Zone 7a *Jenkins Arboretum*
- Euo1480** *Euonymus carnosus* FLESHY-FLOWERED SPINDLETREE Tree. Sun. 10-15'.
0522 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 - 3mo; Scfy; BH, OW; SR. Zone 7a *Kushner*
- Eup2370** *Eupatorium* 'Phantom' JOE PYE WEED Per. Sun/Pt.Shade. 2-4 x 1-2'. Mid-Late Summer. Zone 4-8.
3397 White/pale pink flowers. Medium to wet soil. Will tolerate dry shade with timely watering. Will bloom in full shade with white to pale pink cast flowers. Zone 6b *Egbertson*
- Eup6400** *Euphorbia heterophylla* TenPer. Sun/PtSun. 24-36 x 24-36". Summer. Zone 9a-11.
0199 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. Zone 7 *Cresson*

- Eup6800** *Euphorbia lathyris* MOLE PLANT, CAPER SPURGE Bien. Sun. 2-4 x 1-2'. Summer.
0043 Unusual, handsome plant that develops caper-like seeds in round pods. A bit of a show stopper in our vegetable garden. Supposed to deter moles/voles. Will seed around. Can be moved when plants are small because it develops a deep/long tap root. Germ: NST. Self-sows. Zone 6 *Biderman/Barron*
- Eup6900** *Euphorbia marginata* SNOW-ON-THE-MOUNTAIN An. Sun/PtShade. 3'. Summer-Fall.
2621 White flowers. Bright white margins on leaves lights up the late summer garden. Tolerates poor soil. Deer resistant. Sap may irritate. Dislikes transplant. Long lasting in a vase. Germ: W. NST. Germination erratic. Prolific self seeder. Zone 6 *Nachlas*
- Eup7950** *Euphorbia stricta* 'Golden Foam'
0965 Chartreuse/yellow flowers. Sometimes listed as a perennial, this acts a biennial for me. Outstanding filler both in garden and vase. Self sows vigorously. Sun and sandy soil best. Zone 7a *Umpbrey*
- Eur0100** *Eurybia divaricata* WHITE WOOD ASTER Per. PtShade. 2 x 2'. Summer-Fall.
2429 A fall white-blooming aster useful for naturalizing in dry shade. Germ: CMS. Zone 6 *Bricker*
- Eus0050** *Euscaphis japonica* KOREAN SWEETHEART TREE Tree. Sun/PtShade. 20 x 10-15'. Spring.
0522 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. Zone 7a *Kushner*
- Eus1100** *Eustoma exaltatum ssp. russellianum* TEXAS BLUEBELLS Per. Sun/PtSun. 1-3'.
0032 Zone 7b *Plant Delights*
- Eut0550** *Eutrochium purpureum* JOE PYE WEED Per. Sun/PtShade. 6-7 x 3'. Summer-Fall.
0200 Purple-rose flowers attract butterflies. Native Plant. Zone 6 *Creveling*
- Fag1000** *Fagus grandifolia* AMERICAN BEECH Tree. Sun. 50-70 x 50-70'. Spring.
0522 Native to the eastern US. Zone 7a *Kushner*
- Fag2000** *Fagus sylvatica* 'Robannii' PURPLE BEECH, COPPER BEECH, EUROPEAN BEECH Tree Sun/PtShade. 50-60 x 50'. Spring.
0627 Slow growing tree but so beautiful. Germ: NST. Zone 6b *McShane*
- Fic1000** *Ficus gasparrintiana* var. *laceratifolia*
3436 Part sun, Hardy in 7-B. Have not tried this outdoors. Germ: NST. Zone 7a *Silberstein*
- Foe1250** *Foeniculum vulgare* FENNEL Per. Sun. 5-6½'. Summer-Fall.
2504 Bronze fennel. Grow as kitchen herb or lacy border plant and pollinator food. Germ: NST. *Mills, M*
- Foe1700** *Foeniculum vulgare* 'Purpureum' FENNEL Per. Sun. 4-6'. Summer. Zone 5+.
2429 Germ: W, NST. Zone 6 *Bricker*
3666 Yellow flowers, brown stems and foliage. Germ: SIS Zone 5 *McGowan*
9976 Self-sowing umbelliferous perennial. Edible herb, but also used as ornamental for its dark foliage. Cut back after bloom to keep from sowing too much. Zone 6b *Wave Hill Gardeners*
- Fre3000** *Freesia laxa* FALSE FREESIA Per. Sun/PtShade. 8-15"; to 2' in bloom. Summer. Zone 8-10.
0032 Red blooms on 8" tall, iris-like leaf clumps. Zone 7b *Plant Delights*
- Fre6000** *Freesia leichtlinii* Bulb. Sun/PtShade. White tuber with yellow throat, purple streaks on reverse.
1715 Zone 8b *Rosenblum*
- Fuc1020** *Fuchsia hatschbachii* LADY'S EARDROPS Woody. Sun/PtShade. 2-3 x 2-3'. Summer-Fall.
0199 Red and purple flowers. Another hardy species similar to *F. magellanica* but with narrow 4" glossy leaves and a graceful vase-shaped habit. Grow outdoors as a hardy perennial and mulch in winter for extra protection. Lots of tasty purple-black fruit. Previously offered as *F. regia*, a similar species. SW Brazil. My favorite hardy 7 fuchsia! Zone 7 *Cresson*
- Gai3050** *Gaillardia aestivalis* 'Glitz n' Glamour' BLANKET FLOWER Per. Sun. 26". Yellow. Spring to Fall. Zone 7-9.
0032 Zone 7b *Plant Delights*
2412 Plant in full sun and well-draining soil. Blooms non-stop. A true pollinator magnet! Extremely drought tolerant. Germ: NST. BC. Germination in 7-21d. Zone 7A *Schiller*

Galtonia - Gossypium

- Gal2010** *Galtonia candicans* SUMMER HYACINTH Bulb. Sun/PtShade. 3-4'. White. Summer. Zone 7-10.
0199 Long cultivated, but little known, remarkably hardy. Tall spikes of ivory bells above strappy foliage. Recently reclassified as an Ornithogalum, but much better behaved! Zone 7 *Cresson*
- Gel1000** *Gelasine coerulea* PerBulb. Sun. 12"
0032 Source: Plant World Seeds Zone 7b *Plant Delights*
- Gel1050** *Gelasine elongata* GELASINE Per. Sun/PtShade. 2'. Early Summer.
0032 Purple/bright blue flowers. Germ: BC, NST. Zone 7b *Plant Delights*
- Gen0500** *Gentiana andrewsii* BOTTLE GENTIAN, CLOSED GENTIAN Per. PtShade. 1-2' x 1-1.5'. Summer-Fall. Zone 3-8.
0032 Zone 7b *Plant Delights*
0199 Blue flowers. A treasured wildflower for partial shade in moist well drained soil. Zone 7 *Cresson*
9985 Blue flowers. Germ: CMS 90 d, R, SS. Zone 7a *Jenkins Arboretum*
- Gen1470** *Gentiana clausa* CLOSED GENTIAN, BOTTLE GENTIAN Per. PtShade. 12-24 x 10". Summer. Zone 3-7.
0032 Zone 7b *Plant Delights*
- Gen1680** *Gentiana daburica* Per. PtShade. 16 x 10". Late Summer.
0199 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. Zone 7 *Cresson*
- Ger2450** *Geranium maculatum* WILD GERANIUM Per. Sun/PtShade. 12 x 12". Spring-Summer.
2515 Pink blooms in late Spring and Summer. Host plant for white-marked Tussock Moth caterpillar. This seed is donated by a friend of mine - Sandie Menke. Zone 6b *Doblmaier*
- Ger3810** *Geranium pratense Compact Form* Per. Sun/PtShade. 18 x 12". Blue. Early Summer. Zone 4.
0199 From a distinctly shorter and more compact seedling which stands up better than the species. Zone 7 *Cresson*
- Gil1250** *Gillenia trifoliata* BOWMAN'S ROOT, INDIAN PHYSIC Per. PtShade. 3 x 2'. Spring-Summer.
2429 Airy white flowers in spring with red petioles and dark stems. Foliage may turn bronze in fall. Germ: CMS. Zone 6 *Bricker*
- Gla1055** *Glaucium flavum* var. *aurantiacum* HORNED POPPY Bien./Per. Sun. 18". Orange. Late Spring-Early Summer. Zone 5b-10b.
0199 Unlike the commonly seen yellow horned poppy, var. *aurantiaca* bears bright orange poppy flowers above the grey foliage. Rosettes of grey foliage are attractive in first year. Best in sun with good drainage. Drought tolerant. Zone 7 *Cresson*
2621 Orange flowers. Stunning rosette of silvery lobed leaves, delicate papery flowers. Dought tolerant. Germ: Cycle: 2-4 wk at 40 F, then warm. RZone 6 *Nachlas*
- Gla1070** *Glaucium flavum x grandiflorum* HORNED POPPY Bien. 3'. Full sun-partial shade. Summer.
9968 Orange-yellow flower. Biennial to short-lived perennial. Full sun, poor and dry soils. Summer flowering. 1.5' T.
Germ: CMS: 14 days. SIS. If germination does not occur after 3-4 weeks, a cooling period of 2-4 weeks is recommended. Zone 7a *Roper/Chanticleer*
- Gom1080** *Gomphrena species* GLOBE AMARANTH TenPer.
0590 Purple flowers. Up to 18-24" tall in flower. Zone 7a *Mabony*
- Gos0055** *Gossypium herbartum 'Albe Red Variegated'* COTTON Annual. 2-3'. Full sun. Summer. Zone 10.
0269 Grown for its showy, lobed leaves which become blotched with maroon, pink, white, and green. Color develops once hot summer weather arrives. Thrives in sun and hot weather. Pink flowers are followed by maroon pods that open to reveal cotton bolls. Germ: Sow ¼ in deep in late winter and germinate W. A heat mat speeds germination and benefits seedlings. Move transplants only after outdoor nighttime temperatures are above 50 degrees F. Zone 7 *Ellis*
- Gos0550** *Gossypium thurberi 'Mt. Lemmon'* Per. Sun/PtShade. 4'. Zone 8-10.
0032 Germ: D, NST. Zone 7b *Plant Delights*

- Gym1500** *Gymnaster savatieri* var. *pygmaeus* Per. PtShade. 2 x 12+; to 6-8" in bloom. Summer.
0199 White flowers. Wonderful ground cover for shaded rock garden and dwarf rhododendrons. Well behaved, slowly expanding mat of dark green foliage. Small white daisies early to midsummer. Very rare Japanese native not known to be available anywhere in U.S. Given to me years ago by the late Harold Epstein, who probably brought it back from Japan himself. See: "Flora of Japan". Very choice but easy. Zone 7 *Cresson*
- Hab2350** *Habranthus martinezii* 'Mini Cherry' RAIN LILY TenBulb. Sun. 8". Summer.
0522 White and pink flowers. White flowers with petals brushed in pink. Source: Lazy S Nursery. Zone 7a *Kushner*
- Hab2500** *Habranthus robustus* PINK RAIN LILY TenBulb. Sun/PtShade. 1'. Summer. Zone 8a-10b.
1999 Pink blooms through summer, especially after rain. Reliable, vigorous clumper will perform well in full sun or part shade. Germ: BC, NST, 14 d. Sow upon receipt--viability lessens over time. Zone 8a *Norfolk Botanical staff*
- Ham1150** *Hamamelis ovalis* BIG-LEAVED WITCH HAZEL, LEONARD'S WITCH HAZEL Shrub. Full Sun. to 8' tall. Winter. Zone 6-?.
2802 Orange, pink, red, and bi-color flowers in Winter. Flowers are fragrant. Leaves larger than *H. vernalis*. Zone 7a *Schenck*
- Hel0150** *Helenium autumnale* SNEEZEWEED Per. Sun/PtShade. 3-5 x 1½'. Fall.
0200 Yellow/orange flowers. Nice late bloomer. Zone 6 *Creveling*
9985 Germ: SS. We sow ours in fall in and let it winter outside Zone 7a *Jenkins Arboretum*
- Hel0160** *Helenium autumnale* 'Rotgold' SNEEZEWEED Per. Full Sun. 3-4' tall. Late Summer. Zone 3-8.
2515 Red and yellow flowers. Grows about 4' tall. Seed from Thom Mrazik's plants that he divided and gave to me. Native plant. Zone 6b *Doblmaier*
- Hel0750** *Helenium* 'Red Jewel' SNEEZE WEED Per. Sun. 3 x 1'. Summer.
0592 Rusty red with dusting of yellow effect of anthers I find attractive even as blooms fade. Very prompt increase from divisions. I'm shifting most to "meadow" searched incessantly by various seed-loving sparrows. Zone 6 *Malocsay*
- Hel1400** *Helianthus giganteus* GIANT SUNFLOWER Per. Sun. 8-10 x 1'. Summer/Fall. Zone 3-9.
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. Zone 6a *Haas*
- Hel5450** *Helleborus foetidus* (Hungarian form) BEARPAW STINKING HELLEBORE Per. Sun/PtShade. 2½ x 1½'. Winter-Spring.
0199 Greenish flowers with a red edge. Characterized by glaucous foliage and longer, narrower leaf segments. Native near Sopron, Hungary. Zone 7 *Cresson*
- Hel5460** *Helleborus foetidus* *Krenitsky Strain*
0032 Source: Tom Krenitsky Zone 7b *Plant Delights*
- Hel5465** *Helleborus foetidus* 'Leather and Lace'
0032 (Krenitsky Strain ex) Zone 7b *Plant Delights*
- Hel5490** *Helleborus foetidus* 'Red Silver'
0032 Zone 7b *Plant Delights*
- Hel7200** *Helleborus x hybridus* (white, large) Per. PtShade. 1½ x 1½'. Winter-Spring.
0199 White. A seedling from German breeder Gisela Schmeiman with particularly large, pure white flowers and buds shaped like roses. Zone 7 *Cresson*
- Hel7790** *Helleborus multifidus* subsp. *bocconei* Per. PtSun/PtShade. 12 x 18". Spring.
0199 Green blooms. This subspecies has more leaf segments than many types. From southern Italy, but perfectly hardy. Zone 7 *Cresson*
- Hel8600** *Helleborus orientalis* subsp. *guttatus* LENTEN ROSE Per. PtShade. 1½ x 1½'. Winter/Spring.
0199 White, cream, pink, or maroon flowers, generously spotted. Green nectaries. Seedlings of this group are always of good quality. Zone 7 *Cresson*
- Hem4000** *Hemerocallis thunbergii* THUNBERG'S DAYLILY Per. Sun. 3½ x 3'. Summer.
0199 Golden yellow flowers. Blooms in August, later than most hybrids. Foliage holds up all summer. A good landscape plant. From Korean Collection. Zone 7 *Cresson*

Heptacodium - Hibiscus

- Hep1000** *Heptacodium miconioides* SEVEN-SON FLOWER TREE
1277 White flowers. Large shrub to 15'; mottled bark; fragrant blooms; red calyxes in October look like flowers; sow seed when fresh. Germ: OW. Zone 6a Haas
- Hes0070** *Hesperaloe engelmannii* ENGELMANN'S FALSE YUCCA Per. Sun/PtSun. 42" Zone 7a -10b.
0032 Zone 7b Plant Delights
- Hes0100** *Hesperaloe parviflora* RED YUCCA Per. Sun. 3-4 x 2-3'. Summer.
3645 Red flowers. 6-1/2' tall. Zone 7a Roskoph
- Hes1050** *Hesperis matronalis* DAME'S ROCKET, SWEET ROCKET Bien./Short-lived Per. Sun/PtShade. 8 x 10"; 30-36" in bloom.
Late Spring-Summer.
0522-A Purple blooms on a hardy biennial. 1-3' x 1-2'. Blooms April-May. Good cottage plant. Zone 7a Kusbner
- Het1000** *Heteropterys glabra* RED WING Per. Sun/PtSun. 48" Zone 7-10.
2412 Can be trained as a woody vine or a "rambling" shrub. Yellow flowers followed by maple-like samaras. Great spotted specimen. Dislikes wet feet. Germ: NST. BC Zone 7A Schiller
- Het1150** *Heterotheca canescens* HOARY GOLDENASTER Per. Sun. 6-16". Yellow. Mid to late summer. Zone 4-8.
2412 Silvery foliage topped with charming yellow blooms. Cut back basal rosettes before foliage emerges. Needs well-draining soil. Germ: NST. BC. Maximum germination time 7-21d. Zone 7A Schiller
- Heu1050** *Heuchera americana* 'Dale's Strain' Per. PtShade. 10 x 12"; to 1 1/2' in bloom. Early Summer. Zone 4-9.
1277 Off-white flowers. Lovely variable leaf, veined in silver. Not a favorite of deer. Zone 6a Haas
2497 Creamy flowers with a pinkish tint. East coast native. Small mounds of dark green foliage with marbled overlay of silver and deep red. Lovely groundcover for shade. Zone 7b Mackey
3397 Tiny, pink, inconspicuous flowers produce tiny black seeds. Nicely variegated leaves, light green/silvery dark green. Nice ground cover for deep shade. Tolerates wet to dry soils but needs water in drought. Very easy to germinate and transplant. Germ: SIS, NST, W Zone 6b Egbertson
- Heu2850** *Heuchera villosa* 'Autumn Bride' Per. Sun/PtShade. 1 1/2 x 1'; to 2 1/2' in bloom. Summer.
1607 Zone 7a Jellinek
- Heu2900** *Heuchera villosa* 'Purpurea' NATIVE CORAL BELLS Per. PtShade. 1 x 1'. Summer-Fall.
0318 Creamy, off-white flower. Takes drought well. Zone 6b Garnett
- Hib0300** *Hibiscus coccineus* SWAMP HIBISCUS, SCARLET MALLOWS Per. Sun. 5-10 x 3-4'. Summer-Fall. Zone 6a-9b.
2504 Clear red flowers in August-September, with fully segmented petals on hardy, herbaceous plant. Germ: NST. Sow in spring. Mills, M
2802 Red flowers. Likes a moister soil. Zone 7a Schenck
3645 Red blooms. Germ: Scfy, BH, W, NST. Zone 7a Roskoph
- Hib0350** *Hibiscus coccineus* 'Albus' WHITE TEXAS STAR HIBISCUS Per. Sun/PtShade. 4-10 x 3-4'. Summer-Fall. Zone 6-9.
2504 White flowers in August-September, with fully segmented petals on hardy, herbaceous plant. Germ: NST. Sow in spring. Mills, M
3001 The white form of coccineus. 6-8'. Prefers moist to wet conditions. Can be grown in water. Best in full to part sun. Germ: NST Zone 7 Gregg
- Hib0600** *Hibiscus dasycalyx* NECHES RIVER ROSE MALLOWS Per. Sun. 6 x 3'. White. Summer. Zone 7-9.
3001 White flower with red eye. Very limited distribution to three small populations in Texas. Deeply dissected leaves and can have dark stems and petioles. Avoid overly dry. A striking plant. Germ: Max. germination time 14 days. W. NST. Zone 7 Gregg
- Hib1300** *Hibiscus* 'Lady Baltimore' Per. Sun. 5x5'. Summer.
0200 Pink with dark eye. Zone 6 Creveling
- Hib1500** *Hibiscus laevis* HALBERD-LEAF ROSE MALLOWS Perennial. Full Sun. 4'-6' tall. Late Summer.
9975 Creamy-white to pink flowers. Flowers appear from mid-summer into fall, prefers full sun reaching up to 6' T and 3' W. Germ: D; W; NST; 14-20 days germination time. Zone 7a Bartram's Garden

- Hib1850** *Hibiscus militaris* ROSE MALLOW Per. Sun/PtShade. 5-6'. Summer.
0199 Light pink flowers. A native that is ideal for naturalistic plantings, especially in wet soils. Distinctive three-lobed leaves. Long bloom in midsummer. Zone 7 *Cresson*
- Hib2000** *Hibiscus moscheutos* PINK ROSE-MALLOW Per. Sun. 3-7' x 2-4'. Late Summer. Zone 5-9.
0239 Tall, handsome, pink-flowered form of mallow for the back of garden. Germ: W; BC; NST. Zone 7a *Doering*
0269 My plants have mostly white flowers, but there are some pinks and some white ones with dark centers. Wild collected seed on property. Full sun plant for wet or average soil with 8" white flowers in summer. Blooms last 1 day. Germ: W; BC; Maximum germination time: 30 days. Zone 7 *Ellis*
9985 Pink or white blooms. Attracts hummingbirds. Germ: Scfy. We winter sow ours, but cold period not required. Zone 7a *Jenkins Arboretum*
- Hib2760** *Hibiscus syriacus Blue Chiffon (R)* BLUE CHIFFON ROSE OF SHARON
0522 Bushy deciduous shrub. 8-12' X 4-6'. Semi-double lacy blue flowers. Full Sun to part afternoon shade. Long blooming. Zone 7a *Kushner*
- Hib2800** *Hibiscus trionum* FLOWER-OF-AN-HOUR, VENICE MALLOW An. Sun/PtShade. 12 x 6". Summer-Fall.
0592 Creamy yellow mallows with violet centers open much of the day. Intricate attractive pods. Easygoing good mixer, improvises pretty postures for itself. To 2' tall. Charming. Germ: Generous repeat self-sower. Zone 6 *Malocsay*
- Hie1000** *Hieracium villosum* SHAGGY HAWKWEED Per. Sun. 12-18". Late Spring/Early Summer.
3666 Yellow. Partial shade. 2' Germ: CMS Zone 5 *McGowan*
- Hos1300** *Hosta kikutii* var. *yakushimensis* Per. PtShade/Shade. 1-1½ x 2'. Summer.
0199 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. Zone 7 *Cresson*
- Hos2100** *Hosta* species Per. PtShade. <12".
3107 Seeds from H. 'Sagae' Germ: W. BC. 14days. Zone 6b *Sirbaugh*
- Hos2400** *Hosta tardiflora* Per. PtShade. 6 x 10; to 8" in bloom. Fall.
0199 Rich lavender flowers perfectly complement foliage color in October. An elegant species with glossy, dark green, pointed, firm textured foliage. Zone 7 *Cresson*
- Hyd1300** *Hydrangea anomala* subsp. *petiolaris* CLIMBING HYDRANGEA Vine. Sun/PtShade/Shade. 30-40' x 5-6'. Summer. Zone 4-9.
1277 Woody, deciduous climber with aerial roots. In summer, bears 10" round, white blooms. Zone 6a *Haas*
- Hyd1650** *Hydrangea aspera* 'Mauvette' Shrub. Sun/PtShade. 10 x 10'. Summer.
0199 More deeply lavender than 'Macrophylla'. In the Villosa Group of H. aspera with smaller leaves, but still dramatic. Zone 7 *Cresson*
- Hyd1750** *Hydrangea aspera* subsp. *sargentiana* Shrub. PtShade/Shade. 10 x 7'. Summer-Fall.
0199 Large, flat, lacecap flower heads 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. Zone 7 *Cresson*
- Hyd3600** *Hydrangea quercifolia* OAKLEAF HYDRANGEA Shrub. PtShade. Summer. Zone 5-9.
1918 Creamy-white flowers. Seed collected from an exceptionally large-leaved and large-flowered plant that self-sowed at Northview. At least 6 feet tall. Good fall color. Native. Winter interest exfoliating bark. Seed for birds. Easy and adaptable. Germ: NST. SIS. Zone 6b *Carey*
- Hyd3670** *Hydrangea quercifolia* 'Ruby Slippers' OAKLEAF HYDRANGEA Shrub. Sun/PtShade. 3-4' x 3-5'. Summer. Zone 5-9.
1277 White blossoms. The Dept. of Agriculture, which hybridized this short cultivar, encourages gardeners to grow the seed and report the results back to them. Sow the seed on peat moss in a flat on a heat mat in mid-March, do not cover. They sprout like grass and grow on well. This cultivar has outstanding fall color and grows to just 3-4'. Germ: L. Zone 6a *Haas*

Hydrangea - Illicium

- Hyd4030** *Hydrangea serrata* (early light blue) Shrub. Sun/PtShade. 4 x 4'. Summer/Fall.
0199 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.) Zone 7 *Cresson*
- Hyl2900** *Hylotelephium spectabile* SHOWY STONECROP
0199 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. Zone 7 *Cresson*
- Hyp1250** *Hypericum frondosum* 'Sunburst' GOLDEN ST. JOHN'S WORT Shrub. Sun/PtShade. 2-4 x 2-4' +. Summer.
2515 Started this from HPS seed 10 years ago and the plant has needed a trim. Well worth the wait with stunning yellow flowers. I grow my plant in wetter soil than most plant descriptions state it should be in drier sites. Germ: NST. Zone 6b *Doblmaier*
- Hyp1350** *Hypericum henryi* subsp. *henryi* ST. JOHN'S WORT Sun/PtShade. 4 x 5'. Summer/Fall.
0199 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. Zone 7 *Cresson*
- Hyp1850** *Hypericum latisepalum* Shrub. Sun. 5-6 x 5-6'. Summer. Zone 4-8.
0199 Bright yellow flowers. Rare and spectacular arching shrub with large 2" flowers for over a month making it the most spectacular hypericum here and the rarest. Suffers in hard winters. My plant from seed collected by National Arboretum in Yunnan Province, China as SABE 24A. Zone 7 *Cresson*
- Hyp2300** *Hypericum prolificum* SHRUBBY ST. JOHN'S WORT Shrub. Sun/PtSun. 1-5' x 1-4'. Summer. Zone 3-8.
3397 2-3' x 2-3'. Native St. John's Wort, yellow blooms in shade, grows well in dry clay shade. Host plant for several caterpillars. Germ: SS. NST. W. Zone 6b *Egbertson*
- Hyp2400** *Hypericum punctatum* SPOTTED ST. JOHN'S WORT Per. PtSun. Up to 3'. Yellow. Spring to Fall
3561 Narrow, upright, unbranched stems bear tiny, red-spotted yellow flowers. A good native "see-through" plant for front-of-border. Zone 6b *Gorman*
- Hyp6010** *Hypoxis rooperi* STAR FLOWER, APE'S ARMPIT TenPer/Per. Sun/PtShade. 1 x 2'. Fall.
0592 Bright yellow flowers, a few at a time, summer-fall. RHS dictionary says difficult, resenting disturbance. Pot plant for me, dry overwinter in cool cellar. Odd foliage triangulation has grown on me. Zone 6 *Malocsay*
- Ile0200** *Ilex crenata* 'Dwarf Pagoda' Shrub. Sun/PtShade. 6-8' x 6-10'. Zone 5b-9b.
2504 Very slow-growing holly with tiny round leaves. Some seed are probably pollinated with ordinary *I. crenata*; with luck some seedlings will not be ordinary. *Mills, M*
- Ile0970** *Ilex* 'Rock Garden' ROCK GARDEN HOLLY A dwarf evergreen holly. 12X22" in 15 years. Spiny tooth leaves. Dark green glossy leaves. Small red berries in the autumn.
0522 Zone 7a *Kushner*
- Ile1400** *Ilex verticillata* 'Red Sprite' WINTERBERRY Shrub. Sun/PtShade. 3-5 x 3-5'. Spring. Zone 3-9.
1277 White flowers on 3 x 3' holly with large red berries in fall. Zone 6a *Haas*
- Ile1500** *Ilex verticillata* 'Winter Red' WINTERBERRY Shrub. Sun/PtShade. 6-10 x 6-10'. Spring.
1277 Red berries. Shrub to 10'. Excellent for the winter color of the berries. Zone 6a *Haas*
- Ill1000** *Illicium anisatum* JAPANESE ANISE-TREE Tree. PtShade. 10-15 x 8-15'. Summer. Zone 8-10.
0199 Creamy white flowers. This deer resistant evergreen shrub has become a small tree and proven amazingly hardy here, never winter burning in 25 years. Also very floriferous. Zone 7 *Cresson*
- Ill1500** *Illicium floridanum* FLORIDA ANISE-TREE Shrub. Pt/Full Shade. 6-10'. Zone 7-10.
1277 Zone 6a *Haas*
- Ill1950** *Illicium floridanum x mexicanum* ANISE-TREE Shrub. Shade/PtShade. 8-10'. Late Spring-Early Summer.
0199 Red flowers. The advantage of this hybrid is that the *I. mexicanum* parent gives it an almost everblooming habit. Otherwise, it looks like a fine form of *I. floridanum*. Lovely evergreen foliage is deer resistant. Zone 7 *Cresson*

- Imp1150** *Impatiens balsamina* GARDEN BALSAM An. PtShade/Shade. 24 x 8". Summer-Fall.
2802 Pink flowers. Can reseed. Seed source is the Hagley Museum and Library. Zone 7a *Schenck*
- Imp1170** *Impatiens bicolor* An. PtShade/Shade. 1-4'. Summer-Fall. Zone 9-11.
3436 Pink & yellow blooms. 3'. Shade/part shade with moist soil. Self sows. Scatter seed outdoors on mineral soil in fall to germinate in spring. Moderately deer resistant. Germ: CMS, R, OW, SS, SIS, SR, 14 d. Zone 7a *Silberstein*
- Imp3000** *Impatiens namchabarwensis* BLUE DIAMOND IMPATIENS, SAPPHIRE JEWELWEED TenPer. 18 x 18". Fall.
0965 Helmet shaped flowers appear on self-sowing plants in late summer and fall. May bloom in early summer if established by spring. A lovely filler with nearly true blue flowers. Germ: NST; BC; BH. Zone 7a *Umpbrey*
3436 Blue/purple blooms. Scatter seed outdoors on mineral soil in fall to germinate in spring. Moderately deer resistant. 2-3'. Self sows. Germ: R, OW, SS, SIS. Zone 7a *Silberstein*
3666 Violet/Blue. 2'. Germ: WMS Zone 5 *McGowan*
- Inc1700** *Incarvillea delavayi* HARDY GLOXINIA Per. Sun/PtShade. Pink with yellow throat. 12'X12".
1715 Zone 8b *Rosenblum*
- Inc2000** *Incarvillea zibongdianensis* HARDY GLOXINIA Per. Sun/PtShade. Cerise with yellow throat feathering to white on the petals. 12X12".
1715 Zone 8b *Rosenblum*
- Ind2100** *Indigofera pseudotinctoria* 'Rose Carpet' DWARF FALSE INDIGO Shrub. Sun/PtShade. 1 x 1½'. Summer.
0199 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. Zone 7 *Cresson*
1277 Pink flowers. Zone 6a *Haas*
- Inu2370** *Inula belentum* ELECAMPANE Per. Sun. 3-6' x 2-3'. Summer. Zone 3-7.
3321 Yellow flowers. A sun lover. Germ: W, SS, NST, 90 d. Zone 6 *Perron*
- Ion1000** *Ionactis linartifolius* Per. Sun/PtShade. 2 x 1'. Late Fall.
0199 Blue. Good drainage, even sandy. Drought tolerant. Excellent for planting in wall to cascade out. Pinch midsummer for branching. Many narrow leaves along stem. Zone 7 *Cresson*
- Ipo1350** *Ipomoea* 'Chocolate Rose Silk' HYBRID MORNING GLORY TenVine. Sun/PtShade. 3-20'. Late Spring-Fall.
0522 Chocolate blooms with a white picotee edge on a vine with variegated foliage. Large, showy flowers on a must have morning glory. Good bloomer. Source: Summer Hill Seeds. Zone 7a *Kushner*
- Ipo2350** *Ipomoea lobata* SPANISH FLAG An. Vine. Sun. 15-20'. Summer/Fall.
0592 Remarkable every way, beginning with tubular blooms, not trumpets, red shading through orange to yellow, on show day and night. All the nectarists are nuts for it. When a blossom slips off, taking the anthers with it, the pistil style is licked clean - the pollinators have done their work, sipping at the tips. Bees work around the base beforehand, though none seem to cheat, like bumblebees do with trumpet vine. Ants come too. Hummingbirds visit early and late. In past years, I sowed the most important trellis twice to refresh the show. This year's most bodacious stand self-sowed where I hadn't thought to try - a last best hurrah that held till Nov 1st hard freeze. I. lobata is the ideal sequential - it volunteers early and late, transplants with care, even sometimes blooms when quite small. So what if it litters the walk, it's such a lovable cuss. Zone 6 *Malocsay*
- Ipo2950** *Ipomoea quamoclit* CYPRESS VINE, STAR GLORY An. Vine. Sun. 6-20'. Summer.
0592 Tiny red trumpet flowers. Delicate foliage mitigates for-reaching ambitions. Really lovely. Beloved of hummingbirds. Volunteers freely - easy to weed. Germ: NST; SIS. Zone 6 *Malocsay*
2621 Tiny vivid red flowers, ferny foliage, vigorous twining vine to 10' Germ: Scarify or soak overnight. Best direct sow after last frost. Zone 6 *Nachlas*
- Ipo3400** *Ipomoea x sloteri* CARDINAL CLIMBER AnVine. Sun. 10-15'. Midsummer-Late Fall. Zone 3-11.
0269 Twining annual vine that bears deeply dissected leaves and small but showy, red flowers attractive to hummingbirds. Germ: Scfy and soak seeds the night before to speed germination. Only transplant seedlings after all danger of frost has passed. Zone 7 *Ellis*

Ipomoea - Iris

- Ipo3700** *Ipomoea tricolor* MORNING GLORY An. Vine.
1020 Dark blue with white stripes blooms. Easy from seed. From 2016-17 Seed Exchange. Germ: Scfy; Soak in warm water for 12 hr after nicking seed. Sow inside early or in situ. Germ: Scfy, Soak, SIS. Zone 7 *Wiedorn*
- Ipo5010** *Ipomopsis rubra* STANDING CYPRESS, SCARLET GILIA, SKYROCKET An./Bien. Sun/PtShade. 6" spread; 2-3' in bloom. Spring-Summer.
1244 2-5' tall spikes bloom in July. Bright red flowers, always acts as biennial in my garden. Attracts hummingbirds. Germ: NST Zone 4b *Mitchell*
3645 Bright orange-red flowers. Zone 7a *Roskopf*
- Iri1050** *Iris domestica* BLACKBERRY LILY, LEOPARD LILY Per. Sun/PtShade. 1½-3 x 1-4'; from 2-4' in bloom. Summer. Zone 4-10.
0199 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. Zone 7 *Cresson*
0522 Zone 7a *Kushner*
0965 Orange flowers. Tough, easy perennial for sunny locations in the midsummer garden. Zone 7a *Umpfrey*
9975 Orange and red-spotted lily-like flowers bloom during summer. The long, flat, spear-shaped leaves grow in a fan. The seed pods open in the fall, showing clusters of black seeds whose resemblance to a blackberry gives the plant its common name. Germ: Plant ¼" deep indoors in pots 6-8 weeks before planting outside after the danger of frost has passed. 7-14 days germination time. Will flower the first season if started early enough. Zone 7a *Bartram's Garden*
- Iri1055** *Iris domestica* 'Gone with the Wind' BLACKBERRY LILY Per. Sun. 5-7'. Summer-Fall. Zone 5-8.
0032 Yellow blooms with light orange speckles. Seeds from plants from the Atlanta BG, a seed strain that gets 5' tall Germ: W, BC, NST. Zone 7b *Plant Delights*
- Iri1060** *Iris domestica* 'Hello Yellow' YELLOW BLACKBERRY LILY Per. Sun/PtShade. 1 x 1'. Summer.
0522 Lovely, clear yellow flowers. Zone 7a *Kushner*
- Iri2100** *Iris foetidissima* STINKING GLADWYN Per. Sun/PtShade. 3'. Summer.
0199 Pale lavender in May. Primary feature is the pods, which open in October and November to display bright orange seeds. May flowers are lavender with darker veins and yellow/buff petal bases. Evergreen foliage. Likes dry shade! Zone 7 *Cresson*
- Iri2200** *Iris foetidissima* var. *citrina* STINKING GLADWYN Per. Sun/PtShade. 3'. Spring.
0199 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. Zone 7 *Cresson*
- Iri2500** *Iris graminea* Per. Sun/PtShade. 8-12 x 12". Spring.
0199 Purple and violet flowers. A dwarf spuria iris with attractive veining on flowers. Blooms in May. Fruity scent. Native to Europe. Zone 7 *Cresson*
- Iri5750** *Iris stutentisii* DWARF SPURIA IRIS Per. Sun/PtShade. 8-12 x 12". Spring.
0199 Blue flowers. Looks like a miniature Siberian iris. Zone 7 *Cresson*
- Iri6300** *Iris tectorum* JAPANESE ROOF IRIS Per. Sun/PtShade. 12 x 36"; to 18" in bloom. Spring.
0522 Purple blooms in spring. Even when not in bloom, a worthy plant. Strong foliar presence. Zone 7a *Kushner*
- Iri6600** *Iris versicolor* BLUE FLAG Per. Sun/PtShade. 3 x 1½'. Summer.
2429 Blue/purple flowers. Germ: CMS: 90 d; BC. Zone 6 *Bricker*
- Iri6650** *Iris versicolor* 'Purple Flame' PURPLE FLAME BLUE FLAG IRIS Per. Sun to Part shade. 2-3' tall. June. Zone 3-9.
2515 Flowers are blue/purple. The attraction of this plant are the leaves as they are emerging in Spring, like a purple flame. Once the weather warms, the leaves will revert back to green. This is a Mt. Cuba introduction. Deer resistant plant for me. Germ: Do not know if the plant comes true from seed. Bought the plant 2-3 years ago and this is the first year I have enough seed. Zone 6b *Doblmaier*

- Kal1050** *Kalimeris incisa* BLUE STAR ASTER Per. Sun/PtShade. 2 x 1'. Late Summer-Fall. Zone 5-9.
0239 Lavender blooms through most of summer into early fall. Very dependable and ornamental for a long time! Germ: CMS; BH; BC. Zone 7a *Doering*
- Kal1350** *Kalmia latifolia* MOUNTAIN LAUREL Shrub. PtShade. 5-15 x 5-15'. Spring. Zone 4-9.
1277 Pinkish white blooms. Germ: Grow on peat in March on a heat mat under light, covered with plastic. BH, L, SS. Zone 6a *Haas*
- Kla1000** *Klasea bulgarica* Per. Full Sun. 6' tall. Summer.
3380 White flowers. Tall (5-7 feet), candelabra stems with flossy tufts on top in late July through early September. Leaves cabbage-like, thick and glossy. Thrives in full sun and well-drained soil. Germ: BC; NST. Zone 7a *Jonas*
- Kos1250** *Kosteletzkya virginica* VIRGINIA MALLOW, SEASHORE MALLOW Per. Sun. 4-5' x 3'. Late Summer-Fall. Zone 6-9.
0269 Shrubby perennial ranging from 4 to 6 feet tall. Bears 2-inch-wide hibiscus-like flowers from midsummer to fall that are pink with yellow stamens. Grows in sun and thrives in wet swampy soil or standing water, but also tolerates average garden soil. Flowers attract butterflies and hummingbirds. Individual plants live about 5 years but will self sow. Germ: Soak seed before planting and germinate W. Zone 7 *Ellis*
0522 Pink flowers. Best planted in groupings, as these are not meant to be specimen plants. Have mine planted in bogs alongside Joe-Pye weeds and pink *Asclepias incarnata*. Germ: NST; BH 7-10d. Zone 7a *Kushner*
2497 2" Pink blooms. Prefers moist soil. Grows well and flowers in deciduous shade. Nice to find a showy pink flower that tolerates shade. East coast native. Germ: OW. Zone 7b *Mackey*
9985 Native. Germ: Soak in warm water 2 days then sow. Zone 7a *Jenkins Arboretum*
- Lab1050** *Lablab purpureus* HYACINTH BEAN An. Vine. Sun. 9'+. Summer-Fall.
0590 Pink blooms. Green foliage with burgundy veins. Abundant flowers till October. Spectacular purple, bean-like pods. Easy germination, easy vigorous-grower to 15'+. Zone 7a *Mabony*
- Lab1060** *Lablab purpureus albus* HYACINTH BEAN An. Vine. Sun. 9'+. Summer-Fall.
0200 White blooms on annual vine to over 9'. Germ: SIS, NST. Zone 6 *Creveling*
- Lab2000** *Laburnum anagyroides* GOLDEN CHAIN TREE Tree. Sun/PtSun. Up to 25'. Zone 6-8.
1277 Gorgeous, drooping panicles of bright yellow flowers in late spring/early summer. Can be formed into a stunning allee. Zone 6a *Haas*
- Lag0300** *Lagerstroemia indica* CRAPE MYRTLE Shrub. Sun.
1277 Small bush Crape Myrtle to 4-6'. Purple or brt. pink blooms in summer. Zone 7 but survives in sheltered location in Z6. Germ: CMS 3mo. Zone 6a *Haas*
- Lan1100** *Lantana horrida* TEXAS LANTANA TenPer. Sun. 12 x 12'. Summer. Zone 8a-11.
3436 Pink/lavender blooms. Plant seedlings outdoors in sun or mostly sunny well-drained soil by early summer. Reliable perennial in 7a if heavily mulched to keep soil from freezing, but doesn't sprout until early to mid May. 4-5 x 4-5' at maturity. Germ: BH. Lantana is animal resistant. Flowers non-stop early July to frost. Easily roots from cuttings in early fall. Zone 7a *Silberstein*
- Lat0050** *Lathyrus latifolius* EVERLASTING PEA, PERENNIAL PEA PerVine. Sun/PtShade. 6-9'. Summer-Fall.
0522 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. Zone 7a *Kushner*
0590 Zone 7a *Mabony*
2621 Blooms July-frost. Zone 6 *Nachlas*
- Lat2650** *Lathyrus vernus* SPRING VETCH Per. PtShade. 12-15 x 15". Spring.
0951 Purple flowers. Zone 6b *Tracey*
- Led1000** *Ledebouria zebrina* STRIPED GIANT FALSE SCILLA Per. Sun/PtSun. 12". Zone 7b -9b.
0032 Penrock robust form. 1' tall x 1' wide deciduous clump of large, fleshy, light green leaves, often highlighted on the back by small purple specks. Adorned in mid-May with pendent bottle brush-like spikes emerging from the leaf axils. Zone 7b *Plant Delights*

Leibnitzia - Lilium

- Lei0050** *Leibnitzia anandria* Per. Shade. Spring and Fall.
0522 Perennial 12" X 6". Tidy rosettes of serrated leaves. Pink-tinged buds open to white flowers followed by fluffy seedheads. Japanese. Source - Potomac Rock Garden Society. Good trough plant. Zone 7a *Kushner*
3666 White. 18". Germ: CMS Zone 5 *McGowan*
- Leo4000** *Leonurus sibiricus* SIBERIAN MOTHERWORT, HONEYWEED An/Bien. Sun. 4-6'. Midsummer. Zone 5-10.
0118 Pale pink blooms. 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. Zone 5a *Stonecrop Gardens*
- Les1300** *Lespedeza bicolor* 'Island Dwarf' Shrub. Sun. 3 x 3'. Summer.
0199 Light pink flowers. Dwarf form collected on island of Yakushima, Japan. Introduced by Barry Yinger. Good for rock garden. Drought tolerant. Repeats. Zone 7 *Cresson*
- Les2300** *Lespedeza thunbergii* 'Edo Shibori' Shrub. Sun. 6 x 5'. Summer.
0522 Bi-colored flowers, pink and white. A stunning bush clover. On arching canes. Full sun. Blooms late summer and early Autumn. Elegant, 5' x 7'. Source: Broken Arrow Nursery. Zone 7a *Kushner*
- Les2500** *Lespedeza thunbergii* 'White Fountain' BUSH CLOVER Shrub. Sun. 3-6'. Summer.
0522 Pure white, pea-shaped flowers. Semiwoody plant reaching 3-6' in growing season with arching blue-green stems. Source: Montrose Nursery. Germ: Scfy or Soak 8-15 min; T; 10-14 d. Soaking in hot water for 8-15 min softens the hard seed coat. Zone 7a *Kushner*
- Leu4900** *Leucothoe axillaris* COASTAL LEUCOTHOE, COASTAL DOGHOBBLE Shrub. 2'-4'. Partial Shade. Late Spring. Zone 6-9.
1277 Upright evergreen, or semi-evergreen Z6A. Shiny, leathery leaves. Bears urn-shaped white flowers 1/4" across in spring to early summer in axillary racemes. Zone 6a *Haas*
- Lia0500** *Liatris aspera* ROUGH BLAZING STAR Per. Sun. 2-5 x 1½'. Summer-Fall. Zone 3-8.
0032 Bastrop Co., TX Zone 7b *Plant Delights*
9968 Purple flowers. Herbaceous perennial. Grows to 2-5' in full to part sun and medium to dry soils. Distinctive among other *Liatris* for having white bud scales. Germ: CMS; Scfy. Zone 7a *Roper/Chanticleer*
- Lia1850** *Liatris pycnostachya* PRAIRIE BLAZINGSTAR Per. Sun. 2-5'. Summer-Fall. Zone 3-9.
0032 Purple blooms. Collected from: GH12 NE Collected on: 8/31/18 Zone 7b *Plant Delights*
- Lia2700** *Liatris spicata* 'Kobold' GAYFEATHER Per. Sun. 8-10 x 12"; to 2' in bloom. Summer.
0590 Deep purple blooms. Zone 7a *Mabony*
- Lia2910** *Liatris squarrosa* var. *glabrata* SCALY BLAZING STAR Per. Sun/PtSun. 12-18' Zone 5a -9b.
0032 WMR4-32 Zone 7b *Plant Delights*
- Lig0030** *Ligularia dentata* GOLDEN GROUNDSEL Per. Sun. 3-5 x 3'. Summer.
0065 Deep orange. Needs moisture. Germ: OW; D Zone 6b *Berger*
0239 Yellow-orange flowers. Flowers are not as important as the foliage texture. Prefers moist soil. Germ: W, NST Zone 7a *Doering*
- Lig1050** *Ligularia fischeri* Per. PtShade/Shade. 5 x 3'. Fall.
0199 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. Zone 7 *Cresson*
- Lig1340** *Ligularia japonica* 'Chinese Dragon' Per. PtShade. 3 x 4'. Summer. Zone 4-8.
0522 Yellow-orange blooms on nice-clumping, cutleaf variety. Perfect bog plant. Mine bloomed in mid-June on 4' spikes. Source: Plant Delights. Zone 7a *Kushner*
- Lil0410** *Lilium 'Anastasia'* ORIENPET LILY Per. Bulb. Sun/PtSun. 4-6'. Mid/Late Summer. Zone 4-8.
3132 Pink and white 6-8" out-facing blooms. Strong fragrance. Zone 7a *Axel*
- Lil1400** *Lilium candidum* MADONNA LILY Bulb. Sun/PtSun. 3-6' x 1. Summer.
0269 White flowers. Showy lily with spikes of fragrant white trumpets in summer. Neutral to alkaline soil. Full sun to part sun. Well drained soil. Germ: W; L; Maximum germination time: 2-4 weeks. Zone 7 *Ellis*

- Lil1520** *Lilium catesbaei* CATESBY'S LILY, PINE LILY, LEOPARD'S LILY, SOUTHERN RED LILY, TIGER LILY Per. Sun/Pt. Shade. 2-3'. Summer. Zone 7a-10b.
3645 Orange flowers. 2' tall plant. Zone 7a *Roskoph*
- Lil1700** *Lilium formosanum* FORMOSA LILY, TAIWAN LILY PerBulb. Sun/PtShade. 6-8 x 1½'. Late Summer-Fall. Zone 5-8.
0032 Giant form. Germ: BC. Zone 7b *Plant Delights*
1999 Fragrant, white trumpet-shaped flowers suffused with purple on the outside petals. Introduced from Taiwan in the 1880s, Formosa Lily is a spectacular self-seeding, perennial lily that bears large, extremely fragrant, funnel-shaped white flowers, suffused with wine-purple on the outside petals. It flowers in August when few things are in bloom. Great cut flower and the dried seed pods are useful in arrangements. Germ: BC, NST. 21 d. Zone 8a *Norfolk Botanical staff*
- Lil1950** *Lilium henryi* HENRY'S LILY PerBulb. Sun/PtShade. 2-10' x 8". Summer-Fall.
0592 It's bloomscapes reach up 12" and open for almost a month, making it a high value target, not just for hummingbirds in an aerial combat, but for all pollinators. Even the unopened buds exude a sweetness they all come to seek. Zone 6 *Malocsay*
- Lil2100** *Lilium lancifolium* TIGER LILY Bulb. Sun. Midsummer. Zone 3a-9b.
0269 Bulbils Zone 7 *Ellis*
- Lil3300** *Lilium regale* PerBulb. Sun/PtShade. 3-4 x 1'. Summer.
0045 Blooms with white/yellow interior, dark exterior. Easy trumpet lily species. Epigeal immediate germination, which means easy. Lots of seed, grow a clump, flowers in 3rd or 4th year. Regal lily is easy from seed and spectacular in the garden. Probably the easiest lily to grow. Germ: NST. Zone 6b7a *Bartlett*
- Lil3380** *Lilium species* PerBulb. 1½-10 x 1½'.
0269 Not sure of the proper name for this lily, but these are bulbils from a passalong-plant popular in my area. Plants are 5 to 6 feet tall and bear orange lilies in summer with recurved petals that are dotted with black. Zone 7 *Ellis*
- Lin1510** *Linaria purpurea* 'Canon J. Went' TOADFLAX Per. Sun/PtShade. 2-3 x 1'. Summer-Fall.
1277 Purple or pink flowers. Zone 6a *Haas*
- Lin3600** *Lindera salicifolia* WILLOWLEAF SPICE BUSH Shrub. Sun/PtShade. 8-12'. Spring.
2802 Willow-like leaves that turn tan in the Fall and persist over the Winter. Asian version of *L. benzoin*. Zone 7a *Schenck*
- Lit1000** *Lithospermum erythrorhizon* Per. Sun/PtShade. 2½ x 1-2'. Summer. Zone 5-9.
3561 Dark green, fuzzy leaves accented by small creamy flowers. The roots are traditionally used as a source of red dye. Germ: NST. Zone 6b *Gorman*
- Lob1250** *Lobelia cardinalis* CARDINAL FLOWER Per. Sun/PtShade. 1-3 x 1 +'. Summer-Fall. Zone 3-9.
0199 Zone 7 *Cresson*
0318 Red flowers. Germ: SIS. Zone 6b *Garnett*
1277 Red flowers. Likes sunny, moist conditions but will take shade also. Hummingbird's favorite plant. Zone 6a *Haas*
1607 Bright red flowers attract hummingbirds. Prefers sunny, moist conditions, but also does well in my drier garden in part sun. Zone 7a *Jellinek*
1636 Red blooms. Germ: OW. Winter sowing very successful. Initial size of plant is a pin point. Almost impossible to plant thinly enough. Zone 7 *Gauger*
3436 Red blooms. Germ: SS, SR. Zone 7a *Silberstein*
9985 Red blooms. Germ: OW; L; NST; 30 d. Zone 7a *Jenkins Arboretum*
- Lob1750** *Lobelia siphilitica* GREAT BLUE LOBELIA Per. Sun/PtShade. 2-4 x 1'. Late Summer-Fall. Zone 4-9.
0239 Blue flower spike. Tough, reliable plant. Self-sows, but can be controlled. Germ: BH; BC; NST. Do not allow germinating seed to dry out. Plant will reseed around, but is a very pleasant addition and very controllable. Seeds open pollinated. Zone 7a *Doering*
0797 Adds welcome blue flowers late in season. Self-sows. Zone 6b *Robinson*
1585 Mostly blue, some white flowers. Biennial in my garden. Zone 5b *Scofield*
3436 Blue, occasionally white blooms. Germ: SS, SR. Zone 7a *Silberstein*

Lunaria- Magnolia

- 9976 Native perennial which self sows. Great for pollinators. Prefers moist soils, but will tolerate others. Zone 6b *Wave Hill Gardeners*
- 9985 Blue blooms. Native to wet meadows and similar in habit to cardinal flower. Readily seeds in but it's the perfect plant in the right spot. Beautiful late summer/fall color for woodland edge. Deer may explore, but it recovers well. Germ: CMS: 30 d. L, SS. Very easy. You can winter sow or toss about the garden in February. Zone 7a *Jenkins Arboretum*
- Lun0050** *Lunaria annua* MONEY PLANT, HONESTY Bien. Sun/PtShade. 3 x 1'. Spring.
- 0043 Dark blue/purple or white blooms. This is a biennial. When sides of seed pod are removed and seeds taken it can be used in dried arrangements, Zone 6 *Biderman/Barron*
- 1277 Purple flowers. Could have some variegated foliage mixed in. Zone 6a *Haas*
- 9991 Early purple flowering biennial is worth the wait. We love their shelled opaline seed pods and we also love to pair them with the vibrant orange of the Siberian wallflower. Have had better success growing them out for a full season rather than a half. Germ: NST. *Barnes Foundation*
- Lun0070** *Lunaria annua* 'Corfu Blue' HONESTY, MONEY PLANT Bien. Full Sun-Partial Shade. 3' tall. Spring-Summer.
- 0522 Blue-purple flowers. Purple stems with purple/silver seed heads. Zone 7a *Kushner*
- Lun2050** *Lunaria annua* var. *albiflora* 'Alba Variegata' VARIEGATED MONEY PLANT, HONESTY Bien. Sun/PtShade. 3 x 1'. Spring.
- 0199 White flowers. White-edged leaves. Variegation fades in summer heat. May germinate green, but will become variegated in spring. Zone 7 *Cresson*
- 1017 Lovely white-flowering, early-blooming biennial. The foliage is green the first season, white edged the second. Blooms with tulips and provides a good mid-spring show.. Zone 5b *Whitesell*
- Lun2200** *Lunaria annua* var. *albiflora* 'Rosemary Verey' MONEY PLANT, HONESTY Bien. Sun/PtShade. 2-4 x 2-3'. Spring.
- 0522 Deep purple leaves with bright violet blooms. Zone 7a *Kushner*
- Lun4010** *Lunaria rediviva* PERENNIAL HONESTY, PERENNIAL MONEY PLANT Per. Sun/PtShade. 1½-2 x 2'; from 3-4' in bloom. Late Spring-Summer.
- 0522 Pale lilac blooms on a late-blooming lunaria with leaves that are finely toothed. As compared to the common *Lunaria annua*, this plant is larger, but the flowers are smaller and more highly scented. Source: Odyssey Bulbs. Zone 7a *Kushner*
- Lyc3050** *Lychnis coronaria* ROSE CHAMPION, CATCHFLY An./Bien./Short-lived Per. Sun/PtShade. 2-3 x 1-1½'. Summer. Zone 4-8.
- 1918 Biennial or short lived perennial with fuzzy silver stems and foliage. Flowers range from a deep but bright pink to white (the pink occurs most often). Does well in gravel or near stones. Needs drainage especially in winter. Full sun or some shade. Zone 6b *Carey*
- Lyc3150** *Lychnis coronaria* 'Angel Blush' CHAMPION, CATCHFLY Bien./Short-lived Per. Sun/PtShade. 2½ x 1½'. Summer.
- 0269 White with pink blush or all white blooms. This is a 1½-2'-foot tall biennial or short-lived perennial. Plants self-sow and come true from seed. This seed was collected from plants that were either typical 'Angel's Blush', white flowers with pink centers, or all white. Produces clumps of silver-gray, feltlike leaves. Germ: L, SS, SIS, NST. 30 d. Easy to start in pots as well. Plants self-sow with abandon, so cut back as flowers fade to reduce self-sowing. Also pull up older plants to make room for younger ones. Zone 7 *Ellis*
- Lyc3250** *Lychnis coronata* 'Orange Sherbet' Per. Sun/PtSun. 12-18 x 12-15". Late Spring-Midsummer. Zone 5a-9b.
- 0199 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. Zone 7 *Cresson*
- Lyc3300** *Lychnis flos-cuculi* RAGGED ROBIN, CUCKOO FLOWER Per. Sun/PtShade. 1-2 x 1-2'. Summer.
- 0522 Wide, star-shaped, rose pink flowers with deeply cut petals on a herbaceous perennial that blooms May-June. Wild flower garden plant. Source: Chiltern Seeds. Germ: BC, L. Zone 7a *Kushner*
- 3107 Cheerful, bright pink, carnation-like flowers. Zone 6b *Sirbaugh*
- Mag1050** *Magnolia asbet* ASHE MAGNOLIA Shrub/Tree. Sun/PtShade. 70 x 50'. Summer.
- 0045 White blooms. Dwarf form of *M. macrophylla*. A small tree to 15'. A perfect native magnolia for the small garden. Germ: NST; seed has been stored cold: Max germination time 1 year. Zone 6b/7a *Bartlett*

- Mag1400** *Magnolia grandiflora* 'Victoria' SOUTHERN MAGNOLIA Tree. Sun/PtSun. 30 x 25'. Spring. Zone 6a-9b.
0045 White flowers. A smaller, hardy cultivar of *M. grandiflora*. Long bloom period. Evergreen, but not bothered by heavy snow here. Germ: NST. Maximum germination time: 1 year. Zone 6b7a *Bartlett*
- Mag1670** *Magnolia macrophylla* subsp. *asbet* DWARF BIGLEAF MAGNOLIA Tree. 20'x20'. Full sun-part shade. Spring-Summer.
0951 White flowers. Bigleaf Magnolias - big, blue, tropical leaves and amazing blooms. Zone 6b *Tracey*
- Mag5050** *Magnolia virginiana* SWEETBAY MAGNOLIA, VIRGINIA MAGNOLIA Shrub/Tree. Sun/PtShade. 28 x 20'. Summer-Fall.
1607 White flowers. Germ: Refrigerate seed until ready to sow. Zone 7a *Jellinek*
- Mal0030** *Malope trifida* 'Vulcan' An. Sun. 24-36".
2429 Dark magenta-pink with lime green star in throat - flowers are edible. Zone 6 *Bricker*
- Man2100** *Manfreda virginica* AMERICAN AGAVE Per. Sun. 2 x 2-4'; to 6' in bloom. Summer. Zone 6-9.
9985 White, light green blooms. Unique, clove-scented flowers appear along a tall stalk. Foliage is evergreen. Native agave relative. Germ: CMS: 90 d; OW; BC; NST; 30 d. Zone 7a *Jenkins Arboretum*
- Man2500** *Manihot grabamii* GRAHAM'S MANIHOT Per. Sun.
3436 Survives winter with a heavy mulch and seeds around a bit. Grows 6-10' each year. Germ: Dieback shrub. Zone 7a *Silberstein*
- Mar1350** *Marsballia caespitosa* BARBARA'S BUTTONS Per. Sun/PtShade. 1-1½ x ½-1'. Spring. Zone 5-8.
0239 Bloom color- white with hint of pink. Shade and deer tolerant. Native plant with early summer bloom and low attractive foliage in growing season. Germ: NST. SR. Zone 7a *Doering*
- Mec0050** *Meconopsis cambrica* WELSH POPPY Per. PtShade. 1½ x 1'. Spring-Fall.
0199 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. Zone 7 *Cresson*
0797 Zone 6b *Robinson*
- Mel3050** *Melanthium virginicum* BUNCH FLOWER Per. Sun. 3 x 2'; to 5' in bloom. Summer.
2429 Zone 6 *Bricker*
- Met1010** *Metasequoia glyptostroboides* DAWN REDWOOD Tree. Sun. 70-100 x 25'.
1277 Deciduous, needled tree. Grows to 80'. Zone 6a *Haas*
- 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. Native. Zone 6b *Doblmaier*
- Mir1400** *Mirabilis jalapa* 'Limelight' FOUR O'CLOCK An./TenPer. Sun. 2'. Summer.
0239 Chartreuse foliage and hot pink flowers- fabulous. Germ: NST Zone 7a *Doering*
3666 Chartreuse leaves with hot pink flowers. What more can I say? Zone 5 *McGowan*
- Mir1450** *Mirabilis jalapa* 'Orange Crush' FOUR O'CLOCKS Annual. 2'x2'. Full sun. Summer
2515 Orange flowers all summer long. Germ: NST. Zone 6b *Doblmaier*
- 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. Zone 6a *Bittmann*
- Mon1000** *Monarda austroappalachia* BEE BALM Per. 2'. Full sun-partial shade. Summer. Zone 6-9.
3645 White flowers. Germ: L. W. Zone 7a *Roskopb*
- Mus0800** *Muscari armeniacum* 'Valerie Finnis' GRAPE HYACINTH Bulb. .5" x .5". Full Sun-Partial Shade. Mid-Spring. Zone 4-8.
0522 Pale lavender blue flowers. Stunning soft color in a Muscari. Mildly fragrant. Zone 7a *Kushner*

Musa - Nigella

- Mus0900** *Musa velutina* PINK VELVET BANANA TenPer. Sun/PtShade. 5-8'. Summer. Zone 8-11.
1999 Hailing from India, this hardy (when established in Zones 7b-10) banana produces abundant crops of velvety, pink-skinned fruit which peel themselves when ripe. Fun plant to add a tropical flair to the temperate garden. In colder regions it is wise to protect plants in winter with a leaf mulch around the stem. Does well in containers. Germ: Scfy, Soak: 1 d, BH. Abrade seeds with sandpaper, then soak overnight in warm water. Sow at high temperatures and humidity, expect germination in 14-25 d. Zone 8a *Norfolk Botanical staff*
- Myr1050** *Myrrhis odorata* SWEET CICELY Per. PtShade/Shade. 2-4' x 2-4'. Early Summer. Zone 5-9.
1277 Zone 6a *Haas*
- Nan0500** *Nandina domestica* HEAVENLY BAMBOO Shrub. Sun/PtShade. 3-8 x 2-4'. Summer. Zone 6-9.
0045 Yellow berries in autumn. Quite easy to grow. Hardy shrub to 3' with inconspicuous flowers and bright yellow berries in fall. Zone 6b7a *Bartlett*
- Nan1050** *Nandina domestica* var. *leucocarpa* Shrub. Sun. 6 x 5'. Summer.
0522 Lovely yellow-berried shrub. Nice companion in the autumn to corylopsis, stachyurus, and other woodland plants. Germinates easily. Zone 7a *Kushner*
- Nar3000** *Narcissus asturiensis* PYGMY DAFFODIL Bulb. Sun. 4". Yellow. Early spring.
0199 A miniature trumpet native to Spain and Portugal. Zone 7 *Cresson*
- Nic0200** *Nicandra physaloides* 'Splash of Cream' VARIEGATED SHOO FLY PLANT An. Sun. 39" x 12". Summer.
3436 Blue-purple blooms. Germ: BC, NST. Zone 7a *Silberstein*
- Nic0600** *Nicotiana langsdorffii* FLOWERING TOBACCO An. Sun. 2 x 3'. Summer.
0592 The soft lime green-flowering classic. July cutback helps mitigate over-extended bloom. My richly composted soil, laced with substrate friable clay, adds height to some things - Dahlia 'Bishop of Llandaff' 7-8' - so N. langsdorffii gets 3 feet high some places, 6 in others, always a vision of lime-green loveliness. Is the dastard tobacco budworm caterpillar put off by its profusion of discarded elf hats? It should self-sow in this garden. I sowed indoors in March for an earlier start. Like many tender subjects, it survived lower temperatures than microclimate can account for. Germ: NST. Zone 6 *Malocsay*
0797 Lime green/chartreuse flowers born in tall, graceful wands. Self-sows. Germ: BC; SIS. Zone 6b *Robinson*
- Nic0610** *Nicotiana langsdorffii* hybrid
3666 Pale chartreuse flowers much larger than the true *Nicotiana langsdorffii*. 3-4'. Germ: WMS Zone 5 *McGowan*
- Nic1110** *Nicotiana Nancy Ondra* 's 'Green Mix' An. Sun/PtShade. 4 x 1'. Summer-Fall.
1607 Green blooms. Great self sower. Attracts hummingbirds. From seed obtained from HPS Seed Exchange several years ago. Germ: BC; SIS, NST. Zone 7a *Jellinek*
- Nic1310** *Nicotiana species alba* FLOWERING TOBACCO An. Sun/PtShade.
0065 White flowers. Germ: Winter outside; BC; OW; NST. Zone 6b *Berger*
- Nic2750** *Nicotiana sylvestris* FLOWERING TOBACCO, GREAT WHITE TOBACCO An. Sun/PtShade. 12 x 18"; to 5' in bloom. Summer-Fall.
0043 White. Lovely fragrance in the evening. Seeds around politely. Zone 6 *Biderman/Barron*
0084 White flowers. 4-5' tall. Tall, half-hardy annual, attracts pollinators, poisonous for people. Germ: BC; SIS Zone 6b *Bowditch*
0200 Fragrant white blooms on 4-5' stalk. Reseeds. Germ: SIS. Zone 6 *Creveling*
9991 Easily grown annual achieving 4ft+ in height with bursts of tubular white flowers. Fragrant and a hit with the hawk moths. Germ: NST. SS. L. *Barnes Foundation*
- Nig1050** *Nigella damascena* LOVE-IN-A-MIST An. Sun. 8-12 x 8-12"; 12-18" in bloom. Summer.
0592 Blue or (less often) white blooms. Classic self-sower (won't transplant). I wouldn't be without. Germ: SIS. Rtp. Zone 6 *Malocsay*
2497 Blue flowers surrounded by ferny foliage. Both flowers and tan inflated seed heads work well in arrangements. Reseeds. Best direct sown. Zone 7b *Mackey*

- Nig1100** *Nigella damascena* 'Albion Black Pod' LOVE IN A MIST Annual. Full Sun. 1'-2' tall. Summer.
3666 White flowers. Seed pods turn dark maroon. Self sows but not weedy. Germ: SIS Zone 5 McGowan
- Nys0300** *Nyssa sylvatica* BLACK GUM TREE, TUPELO Tree. Sun/PtShade. 70 x 30'.
0627 Brilliant scarlet autumn foliage. A lovely native tree. Zone 6b McShane
- Oen2650** *Oenothera stricta* EVENING PRIMROSE Per./Bien. Sun. 3 x 1'. Summer.
0199 Lemon yellow flowers flushed with pink. Biennial forming narrow leaved rosettes, then lax sprawling branched stems 2-3' long. 4" soft yellow blooms, evening to following morning for 3 months. Spent flowers become peachy red enhancing the effect. At dusk you can actually watch the flowers open! Zone 7 Cresson
- Oen2670** *Oenothera stricta* 'Sulphurea' EVENING PRIMROSE Per. Sun/PtSun. 3'. Summer. Zone 5-9.
0199 Soft yellow flowers flushed with pink. Biennial forming narrow leaved rosettes, then lax sprawling branched stems 2-3' long. 4" soft yellow blooms, evening to following morning for 3 months. Spent flowers become peachy red enhancing the effect. At dusk you can actually watch the flowers open! Zone 7 Cresson
- Oph1050** *Opbiopogon plantscapus* 'Nigrescens' BLACK MONDO GRASS Per. Sun/PtShade. 6 x 15". Summer.
1277 Zone 6a Haas
- Opu0500** *Opuntia cespitosa* EASTERN PRICKLY PEAR Evergreen/Semi-evergreen per. Full sun. 2-8' tall. Late Spring/Early Summer
Zone 4-10.
3645 Yellow with orange-centered flowers. 1-2' tall. Germ: Scfy; SS. Zone 7a Roskoph
- Orb1050** *Orbexilum pedunculatum* var. *psoralitoides* 'Nash' SAMPSON'S SNAKEROOT Per. Sun/Pt. Sun. 18". Late Spring.
Zone 6-9.
0032 Terminal spikes of tiny lavender flowers. Little known Baptista relative. Zone 7b Plant Delights
- Ori1700** *Oregano vulgare* Per. Sun. Thrives in sandy soil. Mauve flowers. Attracts butterflies and bees.
1585 Zone 5b Scofield
- Orl1000** *Orlaya grandiflora* WHITE LACEFLOWER, MINOAN LACE An.
0592 White blooms. Basal rosette nicely fine, flowers shed less than Queen Anne's Lace in bouquets. A second sowing adds fall freshness. Deer do like it. Does transplant young. Germ: NST, SIS. Zone 6 Malocsay
1918 White flowers. 2-3' tall hardy annuals with lacy white flowers. Does best sown in fall or early Spring for May-June flowering. Germ: SIS. Zone 6b Carey
2429 White blooms. Germ: NST. Zone 6 Bricker
2621 Elegant pure white umbels on 18-24" stems. Lovely early summer filler from Crete. Rich, well-drained soil. Germ: NST, SIS Zone 6 Nachlas
9968 White umbels with large white exterior flowers. Annual. Blooms in summer and self-sows moderately. Suitable as a cut flower Germ: Direct seed encouraged. If transplanting, chill seed for 1-2 weeks. Seeds should germinate rapidly. If germination does not occur after 3-4 weeks, and additional 1-2 week cooling period is recommended. Zone 7a Roper/Chanticleer
- Orn0200** *Ornithogalum candicans* SUMMER HYACINTH Per bulb. Sun. 2-4 x 2-3'. Late Summer. Zone 6-10.
1017 White flowers late summer. Much hardier than some sources say. Wonderful tropical appearance, flowering in July.
Zone 5b Whitesell
- Orn1030** *Ornithogalum pyramidale* STARS OF HUNGARY Bulb. Sun. 18"; to 2-3' in bloom. Summer.
0199 White flowers with green stripes. Not weedy, but proving a good grower with tall, many flowered spikes in mid-late June. Zone 7 Cresson
- Oxy0200** *Oxypetalum caeruleum*
0199 Light Turquoise blue flowers. This South American native has a habit similar to and is related to our own Butterfly Weed. The grey green fuzzy foliage is the perfect foil for these remarkable blue flowers, produced all summer. Milkweed seed pods follow. Sun and good drainage will assure success. Zone 7 Cresson
- Pac3000** *Packera aurea* SENECEO, GOLDEN GROUNDSEL, RAGWORT Per. Sun/PtShade. ½-2½ x ½-1½'. Spring. Zone 3-8.
0590 Dark green somewhat shiny foliage. Attractive spring flowers. Zone 7a Mahony

Paeonia - Papaver

- Pae0550** *Paeonia caucasica* CAUCASUS PEONY Per. 2'.
1224 Single pink flower. Zone 5 *Lockbart*
- Pae1550** *Paeonia japonica* Per. Sun/PtShade/Shade. 18". Spring.
0965 White flowers. Lovely, single white peony with yellow and red center for part to full shade. Goes dormant early but has showy seed pods before retiring. Zone 7a *Umpbrey*
- Pae3600** *Paeonia obovata* Per. Sun/PtShade. 2-3 x 2-3'. Late Spring. Zone 5-8.
0200 Pink, single flowers. Gorgeous seedpods, can be slow to germinate. Germ: CMS. Zone 6 *Creveling*
3176 Woodland peony. Spectacular fruits follow the single pink flowers. Germ: WMS followed by CMS. May take two cycles. Zone 7a *Maber*
- Pae4980** *Paeonia species* Per. Sun. 2-3 x 2; to 3' in bloom. Spring-Summer.
1020 Zone 7 *Wiedorn*
- Pae4990** *Paeonia suffruticosa* TREE PEONY Shrub. Sun/PtShade. 4-5 x 4-5'. Late Spring.
0110 Deep pink flowers. 3-5' tall. Probably a cultivar called 'Kao'. Zone 6b *Brown*
- Pae6500** *Paeonia tenuifolia* FERN LEAF PEONY
1224 Single red flower. Zone 5 *Lockbart*
- Pap0350** *Papaver atlanticum* MOROCCAN POPPY Per. Sun. 8-12 x 12"; to 2' in bloom. Summer. Zone 5-7.
0592 Light orange blooms. Nice persistent rosette. Keeps blooming in spurts. Germ: SIS. Self-sows freely, despite competition. Zone 6 *Malocsay*
2621 Papery orange with attractive fuzzy leaves. Tap rooted so difficult to transplant, best direct sow. Tolerates low fertility, heat, and drought. Germ: NST. Best sown direct in early spring. Zone 6 *Nachlas*
- Pap0480** *Papaver dubium* LONG-HEADED POPPY Annual. Full Sun. 18" tall. Summer.
9968 Orange-red flowers. Annual, sun, well drained soil. H 18" T, Summer. flowers 2" across, finely cut green foliage, self sows regularly. Germ: SIS. Zone 7a *Roper/Chanticleer*
- Pap1055** *Papaver orientale* 'Beauty of Livermere' ORIENTAL POPPY Per. Sun. 2-3'. Red. June-July. Zone 3-7.
3132 Zone 7a *Axel*
- Pap2250** *Papaver rhoeas* CORN POPPY, FLANDERS POPPY An. Sun. 2-3 x 1'. Summer.
0084 Red, pink, or white flowers. Blooms well until hot weather discourages flowering. Dislikes summer heat. Colorful annual poppy. Annual, reseeds with red offspring but not excessively. Germ: SIS; Self-sows Zone 6b *Bowditch*
- Pap2320** *Papaver rhoeas* (red, burgundy) CORN POPPY, FLANDERS POPPY An. Sun. 12-18 x 12-15". Summer.
0592 This year, dunno why, its widespread volunteers broke the gene bank. Most did stick to scarlet and carmine, but variations popped up here and there, resembling named cultivars like 'Cedric Morris' and 'Danebrog' fringed and plain. Even some white. All mobbed by pollinators. Another loveliness of poppies - bees awash in colorful anthers just at dawn. Makes it hard to weed out worked-out stands. The P. rhoeas sequence continues spring into summer, occasionally later. Germ: SIS. Self-sowing annual, happy anywhere. Zone 6 *Malocsay*
- Pap2350** *Papaver rupifragum* SPANISH POPPY Per. Sun. 3 x 8"; to 18" in bloom. Summer.
9968 Orange flowers. Papery orange flowers on wirey stems to 18-24" with gray-green foliage. Blooms spring through summer. Full sun, well-drained soil. Will self-sow. Germ: W, BC, SS, SIS. Surface sow seed and cover with fine grit to seeds depth. Zone 7a *Roper/Chanticleer*
- Pap3250** *Papaver somniferum* (coral, double) CARNATION POPPY An. Sun. 4 x 1'. Summer.
0318 Deep-coral, double flowers. Germ: L; SS; SIS; Rtp. Zone 6b *Garnett*
- Pap3350** *Papaver somniferum* 'Drama Queen' OPIUM POPPY An. Sun. 2-3 x 1'. Summer.
3132 Zone 7a *Axel*
- Pap3450** *Papaver somniferum* 'Lauren's Grape' CARNATION POPPY, OPIUM POPPY An. Sun. 2-4 x 1'. Summer.
0065 Grape-purple flowers. Germ: Scatter seeds in late winter. Zone 6b *Berger*
0084 Grape-purple flowers. Attractive glaucous foliage sets off purple flowers. Annual that reseeds. Germ: SIS. Sow outdoors spring or fall. Zone 6b *Bowditch*

- 0318 Grape-purple flowers. Single. Germ: SS; SIS. Zone 6b *Garnett*
 3132 Zone 7a *Axel*
 3666 Rich purple. 2-3'. Germ: SIS Zone 5 *McGowan*
- Pap3550** *Papaver somniferum* (mixed colors) BREADSEED, OPIUM, CARNATION POPPY An. Sun. 2-4 x 1'. Summer.
 0043 Pink and purple mix, double and single. Seeds around. We collect some seeds and throw them out after the last snow
 Zone 6 *Biderman/Barron*
 0239 Mixed, mostly pink blooms. Sow in the snow with *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? Zone 7a *Doering*
- Pap3650** *Papaver somniferum* (pink, double) OPIUM POPPY An. Sun. 4 x 1'. Summer.
 0592 Fully double pink blooms. Striking. Germ: SIS. Rtp. SIS ASAP for bloom in June, self-sowing thereafter. Zone 6 *Malocsay*
- Par1850** *Parsenecto delphiniifolius* 'Sanshoku' Per. Shade/PtShade. 2'-4'. August. Zone 4-9.
 2137 White blooms. This variegated Japanese selection used to be in the genus *Cacalia* and has been recently placed in *Parasenecio* by the botanical powers that be. Broad foliage irregularly and finely streaked and spattered in cream like a monochromatic misting by Jackson Pollock on a green canvas. This will get to up to 30" with upright stems clad in this conversational foliage. Shade. Germ: W, SS, 90 d. Zone 6b *Boylan*
- Par1960** *x Pardancanda norrisii* 'Wine and Yellow Roses' CANDY LILY Per. Sun/PtSun. 3'. Summer. Zone 5-9.
 0032 Zone 7b *Plant Delights*
- Par2010** *Pardanthopsis dichotoma* VESPER IRIS Per. Sun. 3-4 x 1½-2'. Summer-Early Fall.
 0032 Collected on: 8/14/18. Zone 7b *Plant Delights*
- Par4010** *Parthenium integrifolium* WILD QUININE Per. Sun/PtShade. 2-4 x 1-2'. Summer-Fall. Zone 4-8.
 2429 Zone 6 *Bricker*
- Pas1050** *Passiflora incarnata* MAYPOPS, HARDY PASSIONFLOWER Per.Vine. Sun/PtSun. 6-8' x 3-6'. Summer. Zone 5-9.
 0199 Purple-blue flowers. Native herbaceous vine with a very tropical appeal. Blooms July-September. Edible fruit in fall, tasty citrus-flavored juice. Zone 7 *Cresson*
 3645 Purple blooms. Fast-growing, native, perennial vine with beautifully intricate, tropical-looking flowers. Produces an edible fruit. Zone 7a *Roskoph*
- Pas1170** *Passiflora lutea* YELLOW PASSIONFLOWER, PASSIONFLOWER Vine. 4-15' long. Full sun to partial shade. Late Spring-Summer. Zone 5-10.
 0045 Small, yellow passionflowers all summer. A rampant, herbaceous climber. Great for covering stones, fences or anything you want covered. The only herbaceous passiflora. It dies to the ground after first frost. Native to PA. Germ: NST. Zone 6b7a *Bartlett*
- Pat1500** *Patrinia monandra* Per. Full sun-partial sun. 4'. Summer. Zone 6.
 2429 Zone 6 *Bricker*
- Pat2050** *Patrinia scabiosifolia* GOLDEN LACE Per. PtShade/Shade. 3-6 x 1½-2'; from 3-5' in bloom. Summer. Zone 5-8.
 0951 Yellow flowers. Always an asset for late summer-fall garden. Zone 6b *Tracey*
- Pat2100** *Patrinia villosa* Per. PtShade. 15 x 12". Summer.
 0951 White flowers. Umbels of white flower are very attractive to pollinators. Showy seed heads tinged with pink. Zone 6b *Tracey*
- Pav2000** *Pavonia brasiliensis* BRAZILIAN ROCK ROSE Per. Sun/PtSun. 2-3' x 2-3'. Summer. Zone 7a-10b.
 0032 Zone 7b *Plant Delights*
- Pav2800** *Pavonia lasiopetala* TEXAS SWAMP MALLOW TenPer. Sun/PtShade. 2 x 2'. Summer.
 0032 Pink flowers. Zone 7b *Plant Delights*
- Paw1000** *Paulownia elongata* EMPRESS TREE Tree. 30'. pale blue with purple veins.
 1715 Zone 8b *Rosenblum*

Pedimelum - Persea

- Ped1000** *Pedimelum canescens* EASTERN PRAIRIE-TURNIP, BUCKROOT Per. Sun/PtSun. 2-3' x 2-3'. Zone 6a-9b.
0032 Zone 7b *Plant Delights*
- Pen3000** *Penstemon digitalis* FOXGLOVE, BEARD TONGUE Per. Sun/PtShade. 4 x 1½'. Summer.
9985 White blooms. Germ: OW; L, SS; NST; 30 d. Zone 7a *Jenkins Arboretum*
- Pen4550** *Penstemon hirsutus* var. *pygmaeus* DWARF BEARD TONGUE, DWARF PENSTEMON Per. Sun/PtShade. 3-4 x 12".
Summer.
0269 This compact native penstemon bears clusters of white flowers blushed with pale purple-pink in late spring. The flowers attract pollinators and hummingbirds. Plants are about 6 inches tall and spread to 9 or 10 inches. Full to part sun and well-drained, somewhat poor soil. Germ: Press seeds onto the soil surface and OW or CMS for several months before germinating at room temperature. Be patient seedlings may be slow to emerge. Zone 7 *Ellis*
- Pen4590** *Penstemon 'Kissin' Kuzins'* BEARDTONGUE Per. Sun. 28" Zone 6a to 8b, at least.
0032 Natural hybrid of *P. cobaea* and *P. triflorus*. Clusters of 28" tall flowering stalks in early May (NC) from a winter basal rosette. Each of the stalks is adorned with tightly clasping, glossy green leaves and out-facing flowers that range from mauvy lavender to cerise pink. Good drainage and plenty of sun is the key to success with these and, in fact, most penstemons. Zone 7b *Plant Delights*
- Pen4800** *Penstemon murrayanus* SCARLET BEARDTONGUE Per. Sun. 8 x 12"; to 3' in bloom. Zone 5-9.
1244 4-5' x 2' Native to south central US. Only red-flowered Penstemon not from western US or Mexico. Blue-green perfoliate leaves set off orange-red flowers. July blooms attract hummingbirds. Well-drained soil. Germ: CMS Zone 4b *Mitchell*
- Pen5300** *Penstemon smallii* SMALL'S BEARDTONGUE Per. Sun/PtShade. 1-2'. Spring-Summer. Zone 6-8.
2429 Zone 6 *Bricker*
3561 Purple flowers over jagged edged purple-tinted foliage. An easy to sprout and easy to grow Penstemon. Germ: CMS 60d. Zone 6b *Gorman*
- Pen9000** *Pentapetes phoenicea* COPPER CUPS An. Sun. 5 x 3'. Summer.
9975 Scarlet Orange flowers. Linear deep green, heavily-lobed leaves branching off a central strong stem featuring attractive, orange-red, mallow-like small flowers. Germ: Scfy. BH. Sow seeds indoors 6-8 weeks before last frost date at 75° F. Soak seeds in hot water for 12-24 hours. Zone 7a *Bartram's Garden*
9991 Unusual annual with small mallow-like blossoms. Distinctive, olive green foliage with serrated edges. Grows 3 feet or more. Germ: Sow seeds indoors 6-8 weeks before the last frost date at 75° F. Scarify and soak seeds in hot water for 12-24 hours before sowing to improve germination. *Barnes Foundation*
- Per0200** *Perilla frutescens* 'Crispa' An. Sun/PtShade. 1½-2 x 1'. Summer.
2621 Rich metallic purple and dark green leaves. Great 2½ x 3' spot of color. Used in Asian cooking. Germ: W, NST. Zone 6 *Nachlas*
- Per1500** *Persea borbonia* REDBAY, SWEET BAY, SILK BAY, RED BAY PERSEA, LAUREL TREE Shrub/Tree. PtShade. 36-72'. May-June.
3436 Inconspicuous blooms. Native from lower Delmarva to the Gulf coast. Fast-growing broadleaved evergreen for sun or light shade and moist to occasionally flooded. Avocado genus. Leaves are bayleaf-scented and taste. No damage at zero. Wind resistant, but can break in heavy snow/ice. Germ: CMS: 30 d, BH, 40 d. May not need cold stratification. Zone 7a *Silberstein*
- Per1700** *Persea liebmanni* MEXICAN REDBAY Tree. Sun. 15-25'. Spring. Zone 7-8.
1999 Inconspicuous chartreuse flowers followed by blue fruit in autumn. Small evergreen tree native to Mexico. Zone 8a *Norfolk Botanical staff*
- Per2000** *Persea podadentia* MEXICAN REDBAY, AMOLILLO, CHIHUANA CARA Shrub/Tree. 25'.
3436 Inconspicuous blooms. Similar to *Persea palustris*, except no bay leaf scent. Native to Mexico. 7a at least. Germ: CMS, BH, 40 d. May not need cold stratification. Zone 7a *Silberstein*

- Per3250** *Persicaria virginiana* 'Painter's Palette' JUMPSEED Per. Sun. 2-3' x 2-4'. Late Summer-Fall.
3436 Red-pink blooms. Heavily variegated leaves and thin spikes of flowers in late summer. Thrives in moist shade. Germ: SIS, 30 d. Seeds around. Zone 7a *Silberstein*
- Pet2200** *Petunia exserta* Per. Sun/PtSun. 2 x 2'. Summer. Zone 9b-11.
0592 Per. Sun/PtSun. 2X2'. Annual in Pittsburgh. Red blooms. Pleasing mixer--not the tightly floriferous petunia of the hybridists. I sow pots in March to set out in mid-May. Red flowers eagerly shopped by nectar-seekers seem not to interest the nocturnal tobacco budworm caterpillar that does me out of hybrid petunias. Also nice, how cutting back prompts new growth and bloom. Germ: NST. Zone 6 *Malocsay*
- Peu1400** *Peucedanum verticillare* HOG'S FENNEL, MILK PARSLEY Per. Sun/PtSun. 6-10 x 2-3'. Summer.
0032 Greenish white and yellow flowers on glaucous, purple stems, to 70-80". Zone 7b *Plant Delights*
1224 6-8'. Wild collected Monemvasia Greece. Zone 5 *Lockhart*
- Pha0200** *Phacelia bipinnatifida* FERNLEAF PHACELIA Bien. PtShade/Shade.
3176 Purple blooms. Spring blooming biennial native to Southeastern U.S. Will self-seed in shade or part shade. Makes a stunning display in the woodlands at Mt. Cuba Center. Germ: NST. Zone 7a *Maber*
- Pha0300** *Phalocallis coelestis* GOBLET FLOWER Bulb. 3'-4'. Full sun. Summer. Zone 7b-10.
3645 Sky-blue flowers. Germ: W; NST. Zone 7a *Roskoph*
- Phl0050** *Phlomis cashmeriana* KASHMIR SAGE Per. Sun. 2-3 x 2'. Mid-summer.
0199 Lilac-pink flowers. Felted flower spikes above large hairy grey-green spade-shaped foliage. Hardy, drought tolerant and prefers good drainage and air circulation. Zone 7 *Cresson*
- Phl0065** *Phlomis fruticosa* JERUSALEM SAGE Shrub. Sun. 2-4' x 3-5'. Summer. Zone 8-10.
2621 Yellow blooms early summer. Gray, felted, heart-shaped leaves. Prefers rich sandy, dry to medium moisture. Rhizomatous. Germ: CMS 14d cold then warm. Light. Can take weeks. Zone 6 *Nachlas*
- Phl0200** *Phlomis tuberosa* JERUSALEM SAGE Per. Sun/PtSun. 2-4' x 1.5-2'. Summer. Zone 6-9.
0199 Purplish pink flowers. Summer bloom on tall spikes to 6' above large basal leaves. Drought tolerant. Zone 7 *Cresson*
- Phy0800** *Physostegia virginiana* OBEDIENT PLANT Per. Sun/PtShade. 3 x 2+'. Late Summer-Fall. Zone 3-9.
3397 Pinky-purple flower color. Spreads steadily by rhizomes. Will stand sturdily most of the season but benefits from staking early on so it won't flop at the end when the flowers bloom. Can tolerate wet feet. Germ: CMS 60 days. Zone 6b *Egbertson*
- Phy1250** *Phytolacca americana* POKEWEED Per. Sun/PtSun. 4-10'. Summer to Fall. Zone 4-8.
3397 Tropical looking native perennial. Medium water. Dark purple berries are important food source for cardinals, mockingbirds and mourning doves. All parts of mature plant are poisonous to humans. Germ: SIS. Zone 6b *Egbertson*
- Phy1300** *Phytolacca americana* 'Silberstein' VARIEGATED POKEWEED Per. Sun/PtShade. 3-4'. Late Spring-Midsummer.
3436 Small pink/white flowers and purple berries. Scatter seed outdoors on mineral soil in fall to germinate in spring. Deer resistant. Germ: CMS, R, OW, SS, SIS, RTp, 21 d. Zone 7a *Silberstein*
- Pic0200** *Picea abies* NORWAY SPRUCE Tree. Sun. 40-60 x 25-30'. Zone 2-7.
1277 Large evergreen tree good for windbreaks. Does not do well in drought conditions. Germ: NST. Zone 6a *Haas*
- Pic0250** *Picea abies* 'Acrocona' Tree. 20'.
0002 Dark green needles. Produces showy immature red cones at the branch ends in spring. Cones mature to tan by summer. Zone 6b *Arader*
- Pic0260** *Picea abies* 'Gold Drift' NORWAY DWARF WEeping SPRUCE Evergreen. Full Sun. 6' tall. Zone 3-9.
0002 Dwarf Conifer with gold foliage. Weeping habit. Zone 6b *Arader*
- Pic0290** *Picea abies* 'Pendula Major' NORWAY SPRUCE Evergreen. Full Sun. 8-12' tall. Zone 3-9.
0002 Large, pyramidal tree. Arching branches. Zone 6b *Arader*
- Pic0300** *Picea abies* 'Remontii' REMONT NORWAY SPRUCE Evergreen. Full Sun/Part Shade. 8-10' tall
0002 Broad base of tree. Yellowish-green needles. Dwarf selection of Norway Spruce. Zone 6b *Arader*

Picea - Potentilla

- Pic0320** *Picea alcoquitana* 'Howell's Tigertail' ALCOCK'S SPRUCE Evergreen. Full sun. 4-6'. Zone 3-7.
0002 Bicolor needles are green on top and bluish underneath. Cones emerge reddish-purple. Zone 6b *Arader*
- Pic0400** *Picea koraiensis* 'Oculus Dracontis' KOREAN PINE Evergreen. Full Sun/Part Shade. 15' tall. Zone 5-9.
0002 Dragon's Eye Pine which refers to the variegation of the needles. Long, curved needles. Will brighten up a darker area.
Zone 6b *Arader*
- Pic0500** *Picea orientalis* 'Gracilis' ORIENTAL PINE Evergreen. Full sun/Part shade. 6-10' tall. Zone 4a-8b.
0002 Also known as 'Gracilis Nana'. Glossy, green needles. Deer resistant. Zone 6b *Arader*
- Pin8100** *Pinus bungeana* LACEBARK PINE Tree. Sun/PtShade. 30-50 x 20'.
0002 Slow growing tree with good form for landscapes. Can be multistemmed. Grown especially for its handsome exfoliating bark, which has patches of gray-green, warm cream, and pale yellow. Zone 6b *Arader*
- Pin8200** *Pinus densiflora* 'Burke's Red Variegated' BURKE RED VARIEGATED JAPANESE RED PINE Evergreen. Full Sun. to 20' tall. Zone 4-8.
0002 A "Dragon's Eye" type of pine. Yellow and green bands decorate the needles. The color looks yellower in the Summer. Irregular shape. Zone 6b *Arader*
- Pin9470** *Pinus parviflora* 'Bergman' JAPANESE WHITE PINE Evergreen. Full Sun. 1-3' tall. Zone 4-7.
0002 Twisted bluish-green needles. Can get up to 4' wide. Male pollen cones are reddish in Spring. Zone 6b *Arader*
- Pin9500** *Pinus parviflora* 'Gimborn's Ideal' JAPANESE WHITE PINE Evergreen. Full Sun. 20' tall. Zone 5-9.
0002 Needles have a bluish-green tint with a slight twist at the tips. Zone 6b *Arader*
- Pla2000** *Platycodon grandiflorus* BALLOON FLOWER Per. Sun/PtShade. 2-3' x 1-1.5'. Summer. Zone 3-8.
0318 Blue flowers. Zone 6b *Garnett*
2504 Broken colors form. Flowers form 1-inch-diameter balloons before opening into stars. These seed are from flowers with irregular blue and white streaks, speckles, splashes. Forms taproot. Germ: NST, sow in situ if desired. *Mills, M*
- Pla2110** *Platycodon grandiflorus* 'Albus' WHITE BALLOON FLOWER Per. Sun/PtShade. 2 x 1'. Summer.
0239 White flowers. Lovely addition to perennial garden. Flower shape gives unusual texture to garden. Germ: SR. L. W.
Zone 7a *Doering*
- Pol0250** *Polanisia dodecandra* DWARF CLEOME An. Sun. 2 x 1½'. Summer-Fall.
0797 White flowers. Germ: BC; SIS. Zone 6b *Robinson*
- Pol1150** *Polemonium caeruleum* JACOB'S LADDER Per. Sun/PtShade. 3 x 1'. Late Spring-Summer.
3666 Blue. 3'. Germ: CMS/WMS Zone 5 *McGowan*
- Pol2010** *Pollia japonica* Per. PtShade/Shade. 2 x 1'; from 3-4' in bloom. Summer.
3436 White flowers. Germ: BC; SR; Little blue berries. rhizomatous, spreads, but controllable. Zone 7a *Silberstein*
- Pol3000** *Polygonatum hybrid* SOLOMON'S SEAL Per. PtShade/Shade. Spring/Summer.
2802 White, bell-shaped flowers. Zone 7a *Schenck*
- Pol3320** *Polygonatum odoratum* 'Spiral Staircase' SPIRAL STAIRCASE SOLOMON'S SEAL Per. Part Sun to Shade. 2' tall. Spring. Zone 4a-9b.
2802 White, bell-shaped flowers in Spring. Leaves larger than the species, with the stems slightly "twisted". Zone 7a *Schenck*
- Pol3900** *Polygonella polygama* OCTOBER FLOWER Per. Sun. 24". Zone 7b to 9b.
0032 A southern, native perennial. The 2' tall, upright, thin, woody stems are clothed with needle-thin foliage. In Fall it explodes into a stunning cluster of tiny white flowers. In addition to being attractive to humans, it's also fabulous for native bee populations. Sandy soils, or those which have been amended with small gravel will give the best results. Zone 7b
Plant Delights
- Pot1230** *Potentilla lineata* LINED CINQUEFOIL Per. Sun/PtSun. 30". Yellow. May-June. Zone 5.
2429 Zone 6 *Bricker*

- Pot2010** *Potentilla rupestris* CINQUEFOIL Per. Sun. 15 x 15". Spring.
0199 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. Zone 7 *Cresson*
- Pot2450** *Potentilla thurberi* CINQUEFOIL Per. Sun/PtShade. 1½ x 1'. Spring/Summer.
0199 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. Zone 7 *Cresson*
- Pri2150** *Primula japonica* (mixed colors) JAPANESE PRIMROSE Per. PtShade. 3 x 6; from 1½-2' in bloom. Spring-Summer.
1224 Zone 5 *Lockhart*
- Pri2270** *Primula japonica* (peppermint striped) JAPANESE PRIMROSE Per. Sun/PtShade. 2 x 1'. Spring.
0199 This is the easiest candelabra primrose species to grow in the mid-Atlantic. Pink and white peppermint striped flowers, blooming the whole month of May. Came from Dick Lighty's garden & I've never seen it or reference to it elsewhere. Unique and very special! Zone 7 *Cresson*
- Pul1040** *Pulsatilla vulgaris* PASQUE FLOWER Per. Sun. 6 x 12". Spring.
3666 Purple. 12" x 12". Good in very dry soil. Germ: CMS Zone 5 *McGowan*
- Pun1000** *Punica granatum* 'Hardy Russian' POMEGRANATE Shrub. Sun. 6-15'. Late Summer.
0199 Orange blooms. Yes, it is true, a winter hardy pomegranate that will bear edible, tasty fruit in the Delaware Valley that ripens October-November. The bright orange flowers in early to late summer and yellow fall color might be enough for some. One of several hardier forms from the region of southern Russia. Zone 7 *Cresson*
- Pyc1070** *Pycnanthemum pilosum* HAIRY MOUNTAIN MINT, AMERICAN MOUNTAIN MINT Per. Full sun-part shade. 1'-3' tall.
White flowers July to September. Zone 4-8.
3561 Flower color white. My most popular plant with solitary bees & wasps, cut some halfway back for extended bloom & delicious tea. Germ: W; SS; Maximum germination time 14 days: NST. Zone 6b *Gorman*
- Que2400** *Quercus rubrum* RED OAK Tree. Sun. 50-75' Zone 4-8.
1277 Germ: Put in plastic bag filled with moistened peat until spring. Protect acorns from squirrels and other critters. Zone 6a *Haas*
- Que4000** *Quercus velutina* BLACK OAK Tree. Sun. 50-60' Zone 3-9.
1277 Zone 6a *Haas*
- Rat3000** *Ratibida columnifera* MEXICAN HAT, LONG-HEADED CONEFLOWER Per. Sun. 1-3' x 1-1.5'. Summer. Zone 4-9.
0592 Single petal flounce of marigold red. I've lost 'Red Dwarf' so have to push this one over sideways. Poor ground may abridge it usefully. Picks well. Seed collected in Larimer County, CO. Germ: NST. Zone 6 *Malocsay*
2504 Yellow form- pure yellow flowers. 3' tall. Germ: Sow in situ. *Mills, M*
- Reh1000** *Rebmannia angulata* CHINESE FOXGLOVE Annual. Full sun to Partial shade. 2'-5' tall. Summer.
1715 Flared deep cerise tube & darker veins with throat yellow. Zone 8b *Rosenblum*
- Res1500** *Reseda luteola* Bien. Sun/PtSun. 2-5 x 1'. Late Spring-Summer.
0118 Yellow blooms. Long, meandering, slender spikes of small, yellowish flowers top narrow, lance-shaped leaves. Annual/biennial to 5'. Sun. Germ: W, SS. Zone 5a *Stonecrop Gardens*
- Rha0500** *Rhapidophyllum bystrix* NEEDLE PALM, BLUE PALMETTO Palm. Sun/PtShade. 5 x 5'. Summer.
0199 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. Zone 7 *Cresson*
- Rho1950** *Rhododendron decorum* GREAT WHITE RHODODENDRON Shrub. Sun/Pt.Sun. 4-15'. White, Pale Pink. Mid to Late Spring. Zone 7-9.
2504 Large fragrant white flowers on Asian-origin, big-leaf rhododendron. To 6 feet in 10 years. Open-pollinated in a rhododendron garden – lovely hybrids possible. Germ: In winter, sow tiny seed indoors in humid arrangement. Prick out seedlings when ½ to 1 inch and pot; place in shaded, protected outdoor setting. Cold frame for first winter. 7 years till blooming. *Mills, M*

Rhododendron - Rudbeckia

- Rho3250** *Rhododendron micranthum* Shrub. PtSun/Shade. White. May-June. Zone 6-7.
1170 Zone 7 Henry Foundation
- Rho3500** *Rhododendron prunifolium* PLUMLEAF AZALEA Shrub. PtShade. 8-12'. Summer. Zone 5-8.
2504 Native American deciduous azalea, July-August, deep orange flowers. To 6 feet in 15 years. Germ: In winter, sow tiny seed indoors in humid arrangement. Prick out seedlings when ½ to 1 inch and pot; place in shaded, protected outdoor setting. Cold frame for first winter. 7 years till blooming. Mills, M
- Rho6000** *Rhododendron vernicosum* Shrub. PtSun. 4-6'. Pink. May. Zone 5-9.
2504 Beautiful peach-blend flowers on Asian-origin, big-leaf rhododendron. To 6 feet in 12 years. Open-pollinated in a rhododendron garden – lovely hybrids possible. Germ: In winter, sow tiny seed indoors in humid arrangement. Pick out seedlings when ½ to 1 inch and pot; place in shaded, protected outdoor setting. Cold frame for first winter. 7 years till blooming. Mills, M
- 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. Zone 6b Doblmaier
- Ric1230** *Ricinus communis* 'Carmencita Red' CASTOR BEAN TenPer. Sun. 6-9'. Summer.
0965 Salmon-red flowers. Burgundy-tinged foliage on tall (6'-9') plants. Loves summer heat. Magnificent! Germ: BH. Zone 7a Umphrey
2515 Red flowers. All parts of this plant are poisonous. Leaves are large and maroon colored. I use this Castor Bean as the taller plants in my containers. Germ: BH. Start seeds late January through late February for sturdier plants in May. Zone 6b Doblmaier
- Ric1500** *Ricinus communis* 'New Zealand Purple' PURPLE CASTOR BEAN Shrub. Sun. 6-10'. Late Summer/Early Fall. Zone 8a-11.
2515 Red blooms. Have propagated the seed of this plant for a long time. Love this plant for a taller accent in containers. All parts of the plant are poisonous. Germ: BH. Start plants by the end of February to have sturdier plants in May. Zone 6b Doblmaier
- Roh1050** *Robdea japonica* NIPPON LILY, SACRED LILY Per. PtShade/Shade. 12-18". Spring. Zone 6-10.
3001 Slow-growing Asian broadleaf shade perennial to about 14". Forms clumps over time. PS/S. FS will scorch leaves. Attractive red berries in the fall. Deer resistant. Germ: NST Zone 7 Gregg
- Ros3250** *Rosa* 'Geranium' (moyesii hybrid) Woody. Sun. 12 x 10'. Summer.
0199 Red flowers. Highly valued for large, bottle-shaped, waxy, red hips in fall. Masses of single red flowers early June. Large fountain-shaped shrub. Grow with a native clematis for summer. Zone 7 Cresson
- Ros3500** *Rosa glauca* PLUM-LEAF ROSE Shrub. Sun. 6 x 5'. Spring- Early Summer. Zone 2-8.
0199 Pink. In May-June, the clusters of pink flowers among the glaucous plum colored foliage couldn't be more beautiful. From late summer through fall, it is festooned with bright red cherry-like hips. This is an easy-care disease resistant rose from Europe that always attracts attention! Zone 7 Cresson
- Ros4850** *Rosa palustris* SWAMP ROSE Shrub. FS. 3-6' x 3-6'. Summer. Zone 4-9.
3397 2' x 3' native rose. Spreads readily by suckers. Blooms early June. Pink single petals with yellow stamens, orange rose hips. Germ: Scfy. Cycle CMS 60 days, 80 deg F 60 days, CMS 60 days. Zone 6b Egbertson
- Rud1400** *Rudbeckia fulgida* BLACK-EYED SUSAN Per. Sun. 24-36" x 24-30". Summer-Fall. Zone 3-9.
3397 Nativar from Charles Cresson auction plant. Blooms July-Sept in full sun. Germ: CMS for 60 days. Zone 6b Egbertson
- Rud1850** *Rudbeckia fulgida* var. *sullivantii* 'Goldsturm' Per. Sun. 12 x 12"; to 2' in bloom. Summer-Fall. Zone 3-9.
2621 Deep yellow daisies with dark brown center cone. Long blooming. Prolific self seeder. Rhizomatous. Tolerates dry soil when established, Attracts birds. Deer resistant. Germ: NST Zone 6 Nachlas
- Rud3850** *Rudbeckia lactiniata* 'Herbstsonne' CONEFLOWER Per. Sun/PtShade. 6 x 2-3'. Summer.
2504 Golden-yellow flowers in summer on stems to 7 feet. (Name means "autumn sun," but it blooms in summer.) Germ: NST, sow in situ if desired. Mills, M

- Rud4900** *Rudbeckia subtomentosa* SWEET CONEFLOWER Per. Sun. 4'. Late Summer/Early Fall.
9985 Yellow and brown blooms. Larger blooms than *R. triloba* and the deer leave it alone. Large clumps of basal leaves make a presence even after the blooms are finished in the fall. Can tip in late spring to keep shorter. Germ: CMS: 30 d. I winter sow mine, good germination. Zone 7a *Jenkins Arboretum*
- Rud4930** *Rudbeckia subtomentosa* 'Henry Eilers' SWEET CONEFLOWER, SWEET BLACK-EYED SUSAN Per. Sun/PtShade. 3-5 x 1-2'. Summer-Fall.
1017 Pale yellow. The variety has curled quill-like petals, paler yellow flowers than the species. Zone 5b *Whitesell*
- Rud5100** *Rudbeckia triloba* BLACK-EYED SUSAN, BROWN-EYED SUSAN Bien./Per. Sun/PtShade. 5 x 3'. Summer-Fall.
1020 Yellow with black centers. Blooms mid-August to frost. Self-sows. Zone 7 *Wiedorn*
1277 Gold flowers with black centers. Many small flowers in late summer. Self-sows a little here. Germ: NST. Zone 6a *Haas*
- Rue1040** *Ruellia humilis* WILD PETUNIA Per. Sun/PtShade. 1 x 1'. Summer.
1277 Blue-violet flowers. Perennial. Mine only got to 1'. Nice plant. Zone 6a *Haas*
- Rue2000** *Ruellia* 'Black Beauty' Per. Sun/PtSun Zone 7a - 8b at least.
0032 10" tall x 18" wide clump of dark black thumb-shaped leaves. Starting for us in mid-June and continuing through August, the clumps are topped with 2" mauvy lavender flowers Zone 7b *Plant Delights*
- Rum0040** *Rumex sanguineus* BLOODY DOCK Per. Sun. 15-18 x 15-18". Zone 5-8.
3107 Nondescript flowers. The red-veined foliage is the main reason to grow. Germ: BC. Time: 9-10 days. Zone 6b *Sirbaugh*
- Rut1010** *Ruta graveolens* COMMON RUE Per. Sun. 2 x 2'. Summer.
1017 Yellow flowers mid-summer. Zone 4-10. The sap produces a skin rash, especially when exposed to sunlight. The foliage is attractive to Black Swallowtail caterpillars. Plants benefit from a drastic pruning in early spring. Zone 5b *Whitesell*
- Sab0550** *Sabal minor Sabal minor Louisiana form* LOUISIANA PALMETTO Shrub. Sun/PtShade. 6-12'. Spring/Summer.
Zone 7a (protected)-11.
3436 White-inconspicuous blooms. Grow in container for a few yr. Slow-growing; about 4 leaves per yr. Easily damaged by wet snow or ice and will freeze to the ground in the open in 7a. About 5 yr from seed to flowering. More vigorous than *S. minor*. Hardy to 7a if grown on warm side of building. Freezes back below zero and can windburn, but regrows from base. Don't let container freeze or dry out. Germ: Soak: 1 d, BH, 90 d. Easier to transplant than *S. minor*. Shrubby fan palm. Zone 7a *Silberstein*
- Sab0580** *Sabal minor* 'McCurtain' DWARF PALMETTO, BLUESTEM PALMETTO, BLUE PALM Palm. Sun/PtShade. 4-6 x 4-6'.
Spring-Summer. Zone 6-7.
0199 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. Zone 7 *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.
3436 White-inconspicuous blooms. Grow in container for a few yr. Slow-growing; about 3 leaves per yr. A bit more wind-resistant than East coast *S. minor*. Six or seven yr from seed to flowering. Hardy to 6b if grown on warm side of building. Freezes back below zero and can windburn, but regrows from base. Don't let container freeze or dry out. Germ: Soak: 1 d, BH, 90 d. Second hardiest member of the palm family. Shrubby fan palm; no trunk. Zone 7a *Silberstein*
- Sal0400** *Salvia argentea* SILVER SAGE Bien. Sun/PtShade. 10 x 30"; to 3' in bloom. Spring.
0199 White flowers. You will grow this for the spectacular rosettes of large wooly grey leaves. But in the 2nd year, the tall, branched inflorescence bears small tubular white flowers all summer. Grow it in a well-drained site where the foliage dries quickly. Zone 7 *Cresson*
- Sal0600** *Salvia azurea* BLUE SAGE, PRAIRIE SAGE Per. Sun. 3 x 2'. Summer.
2515 Lovely light blue *Salvia*. Drought tolerant. Will need staking. Native to central US. A real bee magnet. Germ: NST. Zone 6b *Doblmaier*

Salvia - Sarcococca

- Sal1100** *Salvia coccinea* 'Brenthurst' An. Sun. 20-30 x 12". Summer-Fall.
0522 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. Zone 7a *Kushner*
0592 Bloom: pink and white combo. Generous self-sowing annual. Keeps it up till frost, even without deadheading. I grow no other *S. coccinea* so it stays true. Germ: NST Zone 6 *Malocsay*
- Sal1250** *Salvia coccinea* 'Lady in Red' SALVIA An. Sun/PtSun. 3-4 x 2'. Summer-Fall.
0200 Red blooms all summer. Hummingbirds love it. Germ: NST. Zone 6 *Creveling*
1277 Red flowers. Airier than *S. splendens*. Germ: NST, W. Zone 6a *Haas*
- Sal1380** *Salvia darcyi* 'Pscarl' VERMILLION BLUFFS MEXICAN SAGE Per. Sun/PtSun. 36-40" x 20-30". Fall. Zone 5b-10.
1244 Sticky, fragrant, pale green foliage. Red flowers attract hummingbirds from August until frost. Blooms first year from seed. Dies back in winter. Not hardy in zone 4. Well-drained soil, full sun. Germ: NST Zone 4b *Mitchell*
- Sal2350** *Salvia guaranitica* ANISE-SCENTED SAGE An./TenPer. Sun/PtShade. 5 x 2'. Summer-Fall.
0318 Deep, strong, true blue flowers. Zone 6b *Garnett*
0522 Brilliant, true-blue flowers. Blooms for months. Zone 7a *Kushner*
- Sal3100** *Salvia lyrata* LYRE LEAF SAGE
2497 Light lavender blooms. A wonderful plant native to the Eastern U.S. Lyre leaf sage spreads vigorously, but this is great for difficult locations like dry shady woodland areas. It is easy to weed out if it grows more than you want. The rosettes are evergreen and create a great groundcover for erosion control. Terrific on the bottom of my shady rain garden. Germ: BC, NST. Zone 7b *Mackey*
- Sal3370** *Salvia nutans* NODDING SAGE Per. Sun/PtSun. 48". Early Summer Zone 6-8.
0032 Pendant clusters of purple flower. Tolerant of heat and humidity. Zone 7b *Plant Delights*
1715 1' foliage flower stalk to 3' bright Prussian blue flowers. Zone 8b *Rosenblum*
- Sal4050** *Salvia penstemonoides* GIANT RED TEXAS SAGE Per. Sun/PtShade. 3-5' x 12". Summer-Fall. Zone 6a-9b.
1244 Magenta flowers on 3ft stalks mid to late summer. Hardy for me in zone 4 only when planted in a south facing foundation bed. Zone 4b *Mitchell*
- Sal4930** *Salvia splendens* 'Vista Lavender' (tm) An. Sun/PtSun. 1' tall. Summer.
0084 Lavender blooms, subtle color. Bloomed non-stop despite poor conditions. Germ: NST Zone 6b *Bowditch*
- Sal5150** *Salvia tilifolia* An. Sun. 36-48 x 24-36". Late Summer-Early Fall.
2515 Purplish blue blooms. Lovely salvia that blooms all summer long with deadheading. I've tried this plant in containers and in garden beds and it does much better in the ground. The original seed was from the 2013-14 HPS Seed Exchange. Will reseed. Germ: W, NST. Zone 6b *Doblmaier*
- Sal5300** *Salvia uliginosa* BOG SAGE An./TenPer. Sun. 4-6 x 3'. Late Summer-Fall. Zone 6a-10b.
0522 Sky blue blooms. Vigorous perennial. Blooms mid-summer to autumn. Full sun to part shade. Average to moist soil
Zone 7a *Kushner*
- San0100** *Sanguisorba armena* Per. Sun/PtShade. 3-4'. Late Spring/Early Summer.
0199 White blooms. Large glaucous 3' foliage resembles *Melianthus major*. Nodding, white, bottle-brush flower spikes in early summer. Probably best with part sun and moist soil. Turkish native. Zone 7 *Cresson*
- San1200** *Sanguisorba officinalis* GREAT BURNET Per. Sun. 2½ x 2-3'. Late Spring-Early Summer. Zone 4-8.
0590 Deep red, bottlebrush or catkin-like blooms. 3-4 x 2-2½'. Zone 7a *Mahony*
- San1850** *Sanguisorba tenuifolia* 'Purpurea' Per. Sun/PtShade. 4-6 x 1½'. Fall.
0199 Small, deep maroon bottlebrushes atop tall branched stems are a great companion to late perennials. Zone 7 *Cresson*
- Sap1000** *Saponaria officinalis* SOAPWORT, BOUNCING BET
1585 White flowers, tinged with pink. Open flower heads on angled 18" stalks. Intensely fragrant at night. Leaves produce a gentle lather (useful near an outdoor faucet). Germ: NST. Zone 5b *Scofield*
- Sar0500** *Sarcococca confusa* SWEETBOX Shrub. 3-5 x 3-5'. Winter.
0522 Ivory White. Sweetly scented, winter flowering evergreen shrub. 3-5' X 3-5'. Germ: C; 1-4wk. Zone 7a *Kushner*

- Sar0800** *Sarcococca hookertiana* var. *digyna* 'Purple Stem' PURPLE STEM SWEET BOX Shrub. PtSun/Shade. 18". Zone 6-8.
2621 Creamy white. Fragrant, late winter flowers. Zone 6 *Nachlas*
- Sar1450** *Sarracenia flava* YELLOW PITCHER PLANT Per. Sun. 1½-3'.
0032 Zone 7b *Plant Delights*
- Sar1470** *Sarracenia leucophylla* CRIMSON PITCHERPLANT, PURPLE TRUMPET-LEAF, WHITE PITCHER PLANT Per. Sun. 1½-3 x 1½-3'. Spring/Late Summer.
0032 Zone 7b *Plant Delights*
- Sar2010** *Saruma henryi* UPRIGHT WILD GINGER Per. PtShade/Shade. 12-18 x 15-18". May-June. Zone 4-8.
0199 Yellow flowers. Charming shade plant with heart-shaped leaves. Flowers at least 2 months in spring, or longer in cool weather. Sows itself into interesting places without becoming weedy. Zone 7 *Cresson*
- Sau1050** *Sauromatum venosum* VODOO LILY Per/Bulb. PtShade. 2-2.5' x 2-3'. Spring/Summer. Zone 6-10.
3321 Spathe is burgundy with gold flecks and spadix is black. Great tropical looking plant 3' tall with huge hand shaped leaf on a black spotted stem, starts out late in Spring with huge tongue-like spathe which emits the smell of horse manure for 1 day, but leaves lasts until frost. Germ: Soak 1 day. Have accidentally germinated seeds by leaving pots with seeds mixed in compost of other plants outside or in cold frames during winter. Zone 6 *Perron*
- Sca1000** *Scabiosa atropurpurea* PINCUSHION FLOWER An.
0592 'Black Night'. Dark maroon blooms with pink anthers. Great bouquets, pincushion color contrast striking up close. Second sowing compensates for ranginess. Deer/woodchuck leave it alone. Germ: NST. Zone 6 *Malocsay*
- Sca1800** *Scabiosa ochroleuca* DAINTY SCABIOSA Per. Sun. 2½ x 2'. Summer-Fall.
2429 Zone 6 *Bricker*
- Sca2400** *Scadoxus* 'Konig Albert' ('King Albert') Bulb.
0199 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. Zone 7 *Cresson*
- Sci1010** *Scilla autumnalis* AUTUMN SCILLA Bulb. Sun/PtShade. 2" to 12" in bloom. Summer-Fall. Zone 5-9.
0118 Pink blooms. Hardy bulb to 8 . Autumn Squill. Europe. What a treat to have this pink squill blooming in September. Open racemes display the bractless flowers. Not fussy about soil. Adorable. Sun/partial shade. Germ: CMS: 50 d, C, BC, SIS. Zone 5a *Stonecrop Gardens*
3321 Pink-purple blooms. Great late season color. Zone 6 *Perron*
- Sci2010** *Scilla scilloides* (early form) CHINESE SCILLA Bulb. Sun/PtShade. 2'. Summer.
0199 Summer dormant until bloom in August. Very hardy. Best in at least part sun. May seed very freely. Zone 7 *Cresson*
- Sci2030** *Scilla scilloides* (short form) CHINESE SCILLA Bulb. Sun/PtShade. 8". Summer.
0199 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. Zone 7 *Cresson*
- Sci3000** *Scilla sibirica* SIBERIAN SQUILL Bulb. Sun/PtShade. ¼ -½ x ¼ -½'. Spring. Zone 2-8.
0043 Great Spring plant for naturalizing. Blue flowers are prolific and long lasting. Low ground cover that dies back in mid to late Spring. Germ: NST. SIS. Zone 6 *Biderman/Barron*
- Scu4010** *Scutellaria incana* DOWNY SKULLCAP Per. Sun/PtShade. 2-3 x 2'. Summer-Fall. Zone 5-8.
0199 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. Zone 7 *Cresson*
1017 Blue flowers in mid-summer when the borders are a bit quiet. Self-supporting, robust 24-30" perennial. Can seed around a bit, but always welcome. Zone 5b *Whitesell*
1636 Blue blooms. Zone 7 *Gauger*

Scutellaria - Silphium

- Scu6000** *Scutellaria suffruticosa* TEXAS SKULLCAP Per. 10 x 13". Spring. Zone 7.
0199 Reddish pink blooms. Despite the name, a Mexican native tolerant of heat and humidity. Spring bloom continues sporadically through summer on a compact plant 8" tall. Has created an attractive slowly spreading mass in my rock garden. Zone 7 *Cresson*
- Sen0800** *Senecio pulcher* TYERMAN'S GROUNDSEL Per. Sun/Part Shade. 18" tall. Summer.
3645 Fuschia-colored flowers. Germ: L; W. Zone 7a *Roskoph*
- Sen1750** *Senna didymobotrya* CANDLESTICK SENNA, POPCORN CASSIA TenPer. Shrub. Sun. 8 x 6'. Summer-Fall.
0200 The scent of the foliage when rubbed – often described as that of buttered popcorn. It is tropical: plant it among other annuals in the border, or as a specimen in a large container. Zone 6 *Creveling*
- Sen1800** *Senna hebecarpa* WILD SENNA Per. Sun/PtShade. 4-6 x 2½'. Summer. Zone 4-8.
0199 Yellow flowers. Branched heads of yellow pea-shaped flowers. Self-sows in my meadow. Tropical appearance. Native. Zone 7 *Cresson*
- Sen2010** *Senna marilandica* WILD SENNA Per. Sun/PtShade. 3-6' x 2-3'. Summer-Fall. Zone 4-9.
0797 Yellow flowers. Self-sows gently for me. May need CMS. Zone 6b *Robinson*
1277 Yellow flowers. Blooms spring to fall. Zone 6a *Haas*
1918 A shrubby herbaceous 3-6' perennial native to the East Coast and Midwest, it blooms in midsummer with yellow pea-like flowers. These are followed by seedpods which ripen to black and remain on the plant through winter. Zone 6b *Carey*
- Ses1220** *Sesbania grandiflora* Ornamental shrub or small tree. All parts edible. Red blooms.
1715 Zone 8b *Rosenblum*
- Ses1700** *Seseli ponticum* Per. Sun. 1-2' Summer
3666 Very small white flowers. 2'. Germ: WMS Zone 5 *McGowan*
- Set2000** *Setaria palmifolia* PALMGRASS, BROAD-LEAVED BRISTLEGRASS, HAILANS PITPIT Grass. Sun/PtShade. 3-6'. Summer.
3436 Greenish white blooms. Needs to be dug and brought indoors in fall. Seeds around. Germ: Thrives with heat and water. Zone 7a *Silberstein*
- Sil0050** *Silene armeria* SWEET WILLIAM CATCHFLY, NONE-SO-PRETTY Per. Sun/PtShade. 12-24" in bloom. Summer. Zone 5-8.
0797 Hot pink blooms. Germ: SIS; NST. Self-sows. Zone 6b *Robinson*
2621 Bright rose pink tiny (< 1/2") flowers cover the plant mid summer. Med moisture but tolerates dry soil. Bright spots of color that pop up from volunteers. Germ: Can start indoors in winter or SIS early spring. Zone 6 *Nachlas*
- Sil0100** *Silene atropurpurea* Bien. Sun/PtShade. 12 x 6". Early Summer-Fall. Zone 4.
0199 Reddish-purple. Wirey branched stems bear masses of small flowers. Small deep green rosettes with pointed leaves in 1st year. Well-drained soil. Drought tolerant. Southern Europe. Zone 7 *Cresson*
- Sil0550** *Silene dioica* RED CAMPION, COCK ROBIN Per. Sun/PtShade. 12-18 x 15-18". Spring-Fall. Zone 5-11.
1277 Deep rose-pink flowers. Adds color to the garden when not much else is blooming. Self-sows. One of my favorite plants. Germ: OW. Zone 6a *Haas*
- Sil1650** *Silene pendula* 'Sibella Carmine' Per. Sun/PtShade. 12-24"
0592 No Silene is perennial in my Pittsburgh garden though some volunteer, sequentially. This Fleurselect Gold Medalist is new to me, truly lovely, and mysterious how it thrives and endures so erratically. It transplanted well, sowed under lights in late March. Zone 6 *Malocsay*
- Sil1700** *Silene regia* ROYAL CATCHFLY Per. Sun/PtShade. 2½ x 1'. Summer.
1277 Red flowers. Grow on the dry side. Very similar to *Silene virginica*, Fire Pink. Zone 6a *Haas*
3645 Red flowers. Germ: CMS: 60 days. Zone 7a *Roskoph*
- Sil4200** *Silphium mobriti* SHAGGY ROSINWEED Perennial. Sun/Pt Sun. 2'-5' x 3'. Late Summer. Zone 5-9.
0199 Yellow flowers. The allure of this plant is the soft lemon-yellow flowers from mid-summer to October on branched stalks above large basal leaves. A respite from the many mustard yellow Autumn daisies. A southeastern US native. Zone 7 *Cresson*
0951 Soft yellow flowers. Long blooming native. Great seed heads. Zone 6b *Tracey*

- Sil4260** *Silphium perfoliatum* CUP PLANT Per. Sun/PtShade. 8 x 4'. Summer-Fall. Zone 3-9.
0951 Yellow composite flowers. Tall in rich soil. Great green seedpods are a bonus. Zone 6b Tracey
1277 Native meadow plant to 10' tall. Plant in wild garden as it spreads considerably, but it is enjoyable to watch the winged critters getting drinks from the "cups" formed in the stem petioles. Yellow daisy-like blooms in summer. Zone 6a Haas
- Sil4300** *Silphium simpsonii* SIMPSON ROSINWEED Per. Sun/PtSun. 4-5 x 3'. Yellow. Late Summer. Zone 6-9.
0199 A mid-size rosinweed with bright yellow daisy flowers. Tolerant of most soils. Should make a good garden perennial. Deer resistant. Southeastern US native. Zone 7 Cresson
- Sil4370** *Silphium terebinthinaceum* ROSIN WEED, PRAIRIE DOCK Per. Sun. 1-2'; from 6-8' in bloom.
0032 Zone 7b Plant Delights
- Sin1150** *Stnningia 'Arkansas Bells'* Per. Sun/PtSun. 3'. Pink. Summer Zone 7-10.
2412 Tubular pink flowers. Wonderful potted or in ground where hardy. Hummingbird favorite. Hardy in well-draining sites with thick winter mulch. Tubers overwinter easily. Germ: NST. L. Germination in 14-21d. Zone 7A Schiller
- Sma1000** *Smallanthus uvedalia* BEAR'S FOOT, HAIRY LEAFCUP Per. Sun/PtSun. 3-8'. Yellow. Summer Zone 6-9.
2412 Large unique leaves. Lovely native for average to moist woodland edges. Blooms are pollinator magnets from midsummer to frost. Germ: CMS 60d. Scfy. BC Zone 7A Schiller
- Sol0700** *Solanum lycopersicon 'Polish Linguisa'* An Sun 36"-40" x 24"-36"
0199 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. Zone 7 Cresson
- Sol1250** *Solanum quitoense* NARANJILLA, LULO, SPINY TOMATO TenPer. Sun. 6-8 x 4'. Summer-Fall. Zone 9b-11.
0269 White insignificant blooms. This is an 8' shrub from South America that is grown as a tender perennial. White flowers are followed by round green fruit that turn orange when mature. The common name means "little orange." (The fruit is crushed and mixed with sugar to make naranjilla juice in Ecuador.). For gardeners, the showy, 2'-long, 1½'-wide leaves make the plants handsome additions to sunny beds, borders, and large containers. The leaves are very spiny, and the spines are showy. Germination is similar to tomatoes, but plants take up to 12 mo to begin fruiting, so for fruiting plants, grow them in containers and overwinter in a greenhouse or indoors. Germ: BH, BC; Germination time is unknown, but start seedlings in mid winter: Plants are ready for transplanting in about 2-3 mo from sowing. Give plants full sun and rich, well-drained soil. Zone 7 Ellis
- Sol2010** *Solidago nemoralis* Per. Sun. 1-2'. Yellow. Fall. Zone 3-9.
3561 Dwarf, limestone-loving goldenrod that plays well with others. Collected growing wild in my backyard among big bluestem, Asclepias tuberosa, and Monarda fistulosa. Germ: CMS 60d. Zone 6b Gorman
- Sop1050** *Sophora davidii* Shrub. Sun/PtSun. 6-8'. Spring-Early Summer. Zone 6-9.
1277 Deciduous shrub to 8' with pinnate foliage. Bloom spring to early summer. Lt. blue terminal racemes. Zone 6a Haas
- Spi1250** *Spigelia marilandica* INDIAN PINK Per. Shade/PtShade. 1-2 x 1-2'. Spring-Summer. Zone 5-9.
0318 Part shade. Will bloom into fall if deadheaded. Native. Seeds in. Requires well drained, but moisture retaining soil. Amend soil with organic matter. Germ: CMS, 2-3 months Zone 6b Garnett
- Sta3200** *Stachys minima* DWARF BETONY Per. Sun/PtShade. 6-12 x 15-18". Spring-Summer.
0522 Rose purple blooms. Dark green leaves of a spreading groundcover. Full sun to part shade. Dwarf 4-8". Native to South Africa. Border of rock garden is best siting. Zone 7a Kushner
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. Zone 7a Jellinek
- Sta3300** *Stachys officinalis* BETONY Per. Sun/PtShade. 12-18 x 12-18"; to 2' in bloom. Summer.
1585 Mix of rose pink, deep purple, and mauve flowers. Blooms for several weeks in summer. Spires to 24" bloom over bright green rosettes. Zone 5b Scofield

Stachys - Symphyotrichum

- Sta3340** *Stachys officinalis* 'Hummelo' PURPLE BETONY Per. Sun/PtShade. 24-36 x 18-24". Summer. Zone 4-9.
0522 Rose-lavender blooms. Good perennial ground cover notable for its floral display in July-Sept. 1.5-2' X 1.5-2'. Full sun. Cutting back encourages reblooming. Zone 7a *Kushner*
- Sta7500** *Stanleya pinnata* PRINCE'S PLUME Per. Sun. 5-6'. Zone 4-8.
0032 Western US native. Zone 7b *Plant Delights*
- Sto2000** *Stokesia laevis* STOKES ASTER Per. Sun/PtShade. 1-2' x 1-1.5'. Summer. Zone 5-9.
0269 Zone 7 *Ellis*
3645 Bluish-purple flowers. 1' tall. Germ: W. Zone 7a *Roskoph*
- Sto2300** *Stokesia laevis* 'Klaus Jelitto' STOKES ASTER Per. Sun/PtShade. 6 x 8"; 18-20" in bloom. Summer.
0200 Lavender-blue flowers; to 18", likes dry soil. Wonderful filler plant in the perennial garden. Germ: W. Zone 6 *Creveling*
- Sty1050** *Stylophorum lastocarpum* CHINESE CELANDINE POPPY Per. Sun/PtShade/Shade. 12-18 x 12-16". Spring-Fall.
0199 Yellow flowers. This Chinese species is smaller and less aggressive than our native species. A basal rosette gives rise to stalks bearing yellow flowers in May, followed by elongated seed pods. Will self sow. A true rarity for the woodland garden. Zone 7 *Cresson*
- Sty5020** *Styrax japonicus* JAPANESE SNOWBELL Tree. Sun. 25 x 20'. Spring. Zone 5-9.
0522 White. Good specimen tree with fragrant, pendulous blossoms. Interesting structure. Germ: SR. Zone 7a *Kushner*
- Sty5130** *Styrax japonicus* 'Carillon' JAPANESE SNOWBELL Tree. Sun/PtShade. 8-12 x 12'. Summer.
3436 White, hanging bell-like flowers. Germ: CMS; Seed collected from weeping variety. At least some seedlings will exhibit weeping growth. Needs to be staked to desired height. Zone 7a *Silberstein*
- Sty5150** *Styrax japonicus* 'Emerald Pagoda' Tree. Sun/PtShade. 20-30 x 20-30'. Spring-Early Summer. Zone 5-9.
0522 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. Zone 7a *Kushner*
- Sty5240** *Styrax japonicus* 'Pink Chimes' Tree. Sun. 20'. Spring.
3436 Light-pink flowers. Germ: CMS; May or may not come true from seed. Zone 7a *Silberstein*
- Suc0500** *Succisa pratensis* DEVIL'S BIT SCABIOUS Per. Sun/PtShade. 2'. Late Summer/Fall. Zone 5-9.
9976 Lavender scabious flowers, similar to Knautia but more blue. Zone 6b *Wave Hill Gardeners*
- Sym0100** *Symphotrichum* 'Blutenregen' ASTER Per. Sun/PtShade. 18-30 x 24". October. Zone 4-8.
0199 Light blue blooms. Per. Sun/PtShade. 18-30 x 24". October. An explosion of small light blue flowers with pink centers in early fall. A hybrid by famed German horticulturist Karl Foerster involving *A. cordifolia*, *A. ericoides*, and *A. lateriflorum*. Zone 7 *Cresson*
- Sym0550** *Symphotrichum lateriflorum* Per. Sun/PtSun/PtShade. 2-4 x 4'. Fall.
2429 Zone 6 *Bricker*
- Sym0610** *Symphotrichum novae-angliae* NEW ENGLAND ASTER Per. Sun. 3 x 2'. Fall. Zone 4-8.
1918 Pink or purples flowers. This tall, perennial, native, fall-blooming aster is good for late season pollinators, cut flowers, and native plantings. Mixed colors. 6' or more unless Chelsea chopped. Germ: SIS. Zone 6b *Carey*
- Sym0620** *Symphotrichum novae-angliae* 'Alma Potschke' NEW ENGLAND ASTER Per. Sun. 3-4'. Fall.
0200 Pink flowers. 3-4' blooms Sept-Oct. Germ: NST Zone 6 *Creveling*
- Sym0645** *Symphotrichum novae-angliae* 'Marina Wolkonsky' NEW ENGLAND ASTER Per. Sun. 3-4'. Purple. Late summer-early fall.
2429 Zone 6 *Bricker*
- Sym0680** *Symphotrichum oblongifolium* 'Fanny' Per. Sun/PtShade. 3-6 x 3'; depends on fertility. Fall.
0199 Purple-blue flowers. Unbelievably hardy freeze-proof flowers and foliage. In full bloom with green foliage at Thanksgiving. Looks like New England aster. You won't believe it! Native. Zone 7 *Cresson*

- Sym0850** *Symphyotrichum sericeum* WESTERN SILVERY ASTER Perennial. Sun/Pt. Sun. 1-2' tall. Fall. Zone 4-8.
0199 Violet purple flowers. This perennial with silvery-grey foliage comes from central North America. Provide dryish well-drained soil and do not crowd with other plants. A new look in asters! Zone 7 *Cresson*
- Sym0900** *Symphyotrichum shortii* SHORT'S ASTER Per. Sun/PtShade. 2-4'. Midsummer-Fall. Zone 3-8.
2429 A woodland aster with bright purple flowers. Zone 6 *Bricker*
9985 Lavender blue blooms. Cheerful fall bloomer for part shade. Grows well even under trees at woodland edge. Deadhead if you don't want it to spread. Germ: CMS: 30 d, NST. I winter sow mine. Zone 7a *Jenkins Arboretum*
- Syn1250** *Syneilesis aconitifolia* SHREDDED UMBRELLA PLANT Per. PtShade/Shade. 1.5-3' x 1.5-2'. June-July. Zone 4-8.
2937 A nice clumping perennial for shade. The big attraction are the fuzzy, 'shredded' umbrellas of foliage which push up in the spring and then open up into 18" tall, rounded, divided leaflets. Does fine in dry shade. Zone 6a *Bittmann*
- Syn1500** *Syneilesis palmata* Per. PtShade/Shade. 15". Summer.
2137 White flowers. Emerges with silky green leaves that open like a miniature umbrella to 6" wide, each sitting atop a 15" tall stem. Slowly spreads by rhizomes. Germ: Cycle: Alternate cold and warm periods. Give sown seeds several weeks @ 68°F to imbibe water (perhaps even germinate!), then expose to fluctuating outdoor winter temperatures including freezing for 3 months. Gradually increase light and temperature in spring. Zone 6b *Boylan*
- Tag1000** *Tagetes 'Cinnabar'* MARIGOLD An. Sun. 3 x 2'. Summer.
3666 Maroon with gold reverse. 3'. Germ: WMS Zone 5 *McGowan*
- Tag1100** *Tagetes linnaeus 'Burning Embers'* MARIGOLD Annual. 2-3'x1.5'. Full sun. Summer-Fall.
1607 Mahogany-red, edged in gold. My plants grown from seed received in last year's seed exchange. Germ: NST. Zone 7a *Jellinek*
- Tal1150** *Talinum calycinum* FAMEFLOWER Per. Sun. 4 x 10-12". Summer-Fall.
0522 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°. Zone 7a *Kushner*
- Tal1260** *Talinum paniculatum 'Kingwood Gold'* GOLDEN JEWELS OF OPAR An. Sun. 8-10"; to 12" in bloom. Summer-Fall.
0522 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. Zone 7a *Kushner*
3436 Pink blooms with little reddish brown fruits. Annual that self sows. Germ: W, SS, NST. Zone 7a *Silberstein*
- Tal1400** *Talinum spinescens* SPINY FAMEFLOWER
0522 Per. Sun. Low-growing succulent. Pink flowers early summer. Good trough plant. Drought tolerant. Occurs naturally in dry rocky places. Zone 7a *Kushner*
- Tax1250** *Taxodium distichum* BALD CYPRESS Tree. Sun. 50-70 x 20-30'.
1277 Deciduous conifer to 120'; sun; tolerates swampy ground. Mature dry cones should be broken apart. Separation of cone fragments from seed is difficult and both are often sown. Germ: CMS 90 d. Five minute ethyl alcohol soak prior to CMS. Zone 6a *Haas*
- Tep1000** *Tepbroxia virginiana* GOAT'S RUE Per. Sun. 1-2'. Summer. Zone 3-9.
0032 Prairie Moon form. Zone 7b *Plant Delights*
- Tha1500** *Thalictrum aquilegifolium* MEADOW RUE Per. PtShade. 3 x 1½'. Late Spring/Early Summer.
1277 Yellow-striped bloom with white stamens. Zone 6a *Haas*
- Tha1510** *Thalictrum aquilegifolium 'Album'* MEADOW RUE Per. White flowers. Full sun to partial shade. 2'-3' tall x 2' wide. Zone 5-8.
1017 White flowers. Early, profuse-blooming Meadow Rue. Zone 5b *Whitesell*
- Tha1700** *Thalictrum dasycarpum* MEADOW RUE Per. Sun/PtShade. 3-5' x 3-4'. Early Summer. Zone 4-7.
2429 White flowers. A tall native, blooming in early summer. Purple stems support a cloud of bloom. Germ: CMS: 60 d, C, BC. Zone 6 *Bricker*
- Tha2550** *Thalictrum lucidum* Per. Sun/PtShade. 3½ x 1½'; to 7' in bloom. Summer.
1277 Pale yellow flowers, elegant foliage. Tall (to 6'). Zone 6a *Haas*

Thalictrum - Tricyrtis

- Tha3450** *Thalictrum polygamum* MEADOW RUE Per. Sun/PtShade/Shade. 5-6 x 2'. Summer.
0199 White flowers. Our native meadow rue ideal for naturalizing in a moist meadow. Will also take the dry woodland garden. Zone 7 *Cresson*
- Tha3470** *Thalictrum pubescens* KING OF THE MEADOW Per. Shade/PtShade. 3-7 x 2-3'.
1017 Creamy white flowers. Tall sturdy perennial tolerating partial shade. Very elegant plant. Indispensable. Native. Great foliage and flower. Zone 5b *Whitesell*
- Tha3650** *Thalictrum rochebruneanum* LAVENDER MIST, MEADOW RUE Per. Sun/PtShade. 1-2 x 2'; from 3-7' in bloom. Summer. Zone 4-7.
0199 Rich mauve-pink blooms. Airy masses of small flowers on 6+' stems above columbine-like foliage in midsummer. Zone 7 *Cresson*
1277 Lavender flowers. Tall, airy, and delicate looking see-through plant with pretty, blue-green foliage. Zone 6a *Haas*
2497 Light lavender blooms with soft yellow centers. A tall, beautiful, airy perennial with interesting flowers. Zone 7b *Mackey*
- The2050** *Thermopsis villosa* SOUTHERN LUPINE, CAROLINA LUPINE Per. Sun/PtShade. 4-7 x 2-4'. Late Spring-Summer.
0592 Per. Sun/PtSun 2X2'. Soft yellow blooms. First perennial to bloom after Hellebores. Plain green foliage suggests species. Has never self-sown or spread. It went dormant the first 2 summers but now holds it own unobtrusively. Zone 6 *Malocsay*
0627 Cool, pale-yellow, sweetpea-like flowers. Pea-like foliage is attractive. Distinctive back-of-the-border plant. Usually doesn't need staking. It grows for me in a garden that has become quite shady. It still blooms, usually at about 5.5 feet! Germ: NST. Zone 6b *McShane*
1636 Yellow blooms. Zone 7 *Gauger*
9975 Clump-forming prairie perennial with spikes of buttery yellow pea-like flowers in late spring. Trifoliolate leaves each comprising three oval leaflets with hairy lower surfaces. Difficult to transplant once established due to long taproots. Germ: Best to sow outdoors ¼" deep in the fall (needs a period of cold in order to germinate the following spring). If sowing in spring, wrap seeds in a damp paper towel and refrigerate for 7-10 days, and plant after danger of first frost has passed. 7-10 days germination time. Zone 7a *Bartram's Garden*
- Tit0050** *Titbontia rotundifolia* MEXICAN SUNFLOWER An. Sun. 4-6 x 1'. Summer-Fall.
0592 Not a good mixer, true, but such a rich summer/fall resource for all nectarists, not just Monarchs. Hummingbirds may be looking for small life protein too, but sparrows and goldfinches who rifle seed heads not yet ripe. Voles make direct sowing impossible now so I start trios in large pots up out of reach. 12-18" planted in early July size up quickly and need support. First to bloom in full sun was 7X4'. Another in richer soil in morning shade - 10X6'. They pick well but need conditioning; necks easily broken make giving difficult. Germ: SIS, NST. Zone 6 *Malocsay*
0797 Bright orange flowers. A very tall, showy annual. Zone 6b *Robinson*
- Tra4000** *Trachycarpus fortunei* CHINESE WINDMILL PALM Per./Tree. Sun/PtShade/Shade. 20+ x 12'. Summer.
3436 White flowers. Hardy to 5 degrees. Easy as a juvenile, well-mulched for winter. Fully hardy in zone 8A. Older trunked plants need heavy protection most winters. Water and fertilize when young. Sun/PS. Epsom salts are beneficial. Germ: W; Max. germination time: 30-60 days; NST. Zone 7a *Silberstein*
- Tri0800** *Trichostema dichotomum* FORKED BLUECURLS An. Sun. 1-3'.
3561 Reseeding annual with small but intricate blue flowers atop fragrant foliage. Height dependent on soil water/nutrients. Ex Sullivan Co., TN. Zone 6b *Gorman*
- Tri1300** *Tricyrtis dilatata* TOAD LILY Per. PtShade. 3 x 2'. Summer-Fall.
0199 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. Zone 7 *Cresson*
- Tri2000** *Tricyrtis formosana* 'Sinonome' TOAD LILY Per. PtShade/Shade. 40". Fall.
0318 Flowers white with maroon spots. Branched, arched stems. October blooms that are more at terminals and more spreading, upright than *T. hirta*. Zone 6b *Garnett*

- Tri3000** *Tricyrtis birta* TOAD LILY Per. PtShade/Shade. 1½ x 1½'. Fall. Zone 4-8.
 0239 White flowers with red-purple spots along arching stems. Zone 7a *Doering*
 1277 White with purple-spotted flowers. Perennial. Shade. Late blooming, 2'. Zone 6a *Haas*
- Tri3100** *Tricyrtis birta* 'Miyazaki' TOAD LILY Per. PtShade/Shade. 4 x 2'. Late Summer-Fall.
 0318 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 6 mo to reach transplanting size. Zone 6b *Garnett*
 0590 White blooms with burgundy spotting. Great foliage texture. Zone 7a *Mabony*
- Tri3200** *Tricyrtis birta* 'White Towers' TOAD LILY Per. 24-30". Late Summer.
 1277 White flowers. Perennial. Late-blooming shade plant, 2'. Zone 6a *Haas*
- Tri4010** *Tricyrtis macropoda* TOAD LILY Per. PtShade/Shade. 3 x 3'. Summer-Fall.
 0199 White flowers with reddish spots. Masses of flowers in Sept. Parent plant of wild origin in Hubei, China. Very easy and adaptable. Zone 7 *Cresson*
 0239 Basically white flowers with red-purple spots. Flowers upright at end of stems. Germ: NST; BC; W; 2-3 wk. Self-sows in my garden. Zone 7a *Doering*
- Tri6900** *Triplidium arundinaceum* CHINESE PLUMEGRASS Per. Sun/PtSun. 10-12'. Zone 6a - 10b.
 0032 Long, grey-green leaves with a white midrib. This giant clumper makes a spectacular sight at 10' tall x 10' wide. In early to mid-October, clumps are topped with narrow, purplish-pink, pampas-like plumes that extend another 2-3' above the foliage. Zone 7b *Plant Delights*
- Tri8010** *Triteleia laxa* 'Queen Fabiola' TRIPLET LILY, UTHURIELS'S SPEAR Per. Sun. 1-2½'. Spring.
 0522 Gentian blue. These bulbs grow best on a sunny, dry bank. Long-lasting funnel-shaped flowers. Leafless stems. Zone 7a *Kushner*
- Tro1380** *Trollius ircuticus* SIBERIAN GLOBEFLOWER Per. Sun/PtShade. 1-2 x 1'. Spring.
 0199 Orange flowers. For a wet to moist location and seems tolerant of standing water. Deep orange flowers in late spring, then dormant by late summer so be sure to mark location. A very rare species. Zone 7 *Cresson*
- Vac2000** *Vaccinium uliginosum* BOG BLUEBERRY Shrub. Sun/PtShade. 2" H. Doesn't need a bog but wants regular watering. White.
 1715 Zone 8b *Rosenblum*
- Ver3100** *Verbena bonariensis* PURPLE VERBENA, BRAZILIAN VERBENA TenPer. Sun/PtShade. 4 x ½'. Summer-Fall.
 0318 Zone 6b *Garnett*
 1918 Purple flowers. This short-lived, borderline hardy perennial is easy from seed. Loved by butterflies and sometimes hummingbirds. Rough stems so not bothered by deer. Germ: NST; SIS. Zone 6b *Carey*
- Ver3500** *Verbena stricta* Per. Sun. 3 x 2'. Summer-Fall.
 0951 Lavender/purple flowers. Loved this for the pollinator garden. Native to Midwest. Vertical spikes of many little flowers. Zone 6b *Tracey*
- Ver4010** *Verbesina alternifolia* WINGSTEM Per. Sun/PtShade. 4-8'x 2-6' . Late Summer-Fall. Zone 4-8.
 9975 Clusters of yellow aster-esque flowers bloom mid summer to fall providing high ecological value. Clump forming perennial that prefers full sun to part shade, medium to moist soil. Germ: 30 CMS Zone 7a *Bartram's Garden*
- Ver5650** *Vernonia gigantea* UPLAND IRONWEED Per. Sun. 3-5 x 2-4'; to 8' in bloom. Summer-Fall. Zone 6-8.
 0951 Purple flowers. Aug-Sept blooming, 6-7' tall. Zone 6b *Tracey*
- Ver6050** *Vernonia noveboracensis* IRONWEED Per. Sun/PtShade. 4-7 x 2-3'. Summer-Fall. Zone 5-8.
 9976 Native perennial which self sows. Great for pollinators. Larger in rich soils, but will tolerate lean ones as well. Zone 6b *Wave Hill Gardeners*
- Ver8500** *Veronicastrum virginicum* CULVER'S ROOT Per. Sun/PtShade. 6 x 1½'. Summer/Fall.
 1017 White flowers late summer. Zone 5b *Whitesell*

Viburnum - Zephyranthes

- Vib1650** *Viburnum dilatatum* 'Michael Dodge' LINDEN VIBURNUM Shrub. Sun/PtShade. 8-10 x 8-10'. Late Spring/Early Summer.
0522 Lovely linden viburnum clusters of showy golden yellow berries. Zone 7a *Kushner*
- Vib2460** *Viburnum nudum* 'Bulk' *Brandywine* POSSUMHAW VIBURNUM Shrub. Sun/PtShade. 5-12'. Spring. Zone 5-9.
1277 White blooms on 5' shrub. Zone 6a *Haas*
- Vib2555** *Viburnum rhytidophyllum* LEATHERLEAF VIBURNUM Evergreen Shrub. Full sun-part shade. 6'-10' tall, 6'-10' wide. White flowers in May-June. Zone 5-8.
3436 Sun or Shade. Broadleaf evergreen. Germ: CMS 60 days; W; Maximum germination time: 30-60 days. Zone 7a *Silberstein*
- Vio2950** *Viola odorata* 'Irish Elegance' SWEET VIOLET Per. PtShade. 4-6 x 12". Spring.
0199 Apricot blooms. I bought this lovely violet from a little now defunct mail-order nursery 30 years ago. Prized for its apricot/yellow flowers, it spreads by runners and seed, but not aggressively. Zone 7 *Cresson*
- Vit1700** *Vitex x 'Bailtexone' Flip Side* FLIP SIDE CHASTETREE Shrub. Full Sun. 6-8' tall. Summer. Zone 7-9.
2802 Fragrant, purple flowers attract pollinators. Grey-green leaves above and purple underneath. Zone 7a *Schenck*
- Vit1850** *Vitex negundo* var. *heterophylla* Shrub. Sun. 10 x 10'. Summer/Fall.
0592 Bloom quieter than V. Agnus-castus but the cut foliage and graceful stance, pruned for openness, have made it an agreeable small tree. Some secondary bloom without deadheading (out of reach anyway). Bees value it highly, bumble/carpenter especially. Zone 6 *Malocsay*
- Zea1200** *Zea mays* 'Glass Gem' GLASS GEM CORN An. Sun. Summer.
2937 Tall stalks produce medium-sized ears of multi-colored kernels. Easy to grow and a fun surprise when each ear is unhusked. Zone 6a *Bittmann*
- Zep0600** *Zephyranthes* 'Bali Beauty' RAIN LILY TenBulb. Sun. 6". Zone 7b-10b.
0522 Bi-color yellow/pink blooms. Lovely rain lily. Hybrid from Indonesia. Source: hybrid of Fadjar Marta, named and introduced in 2006 by Plant Delights. Germ: According to the Pacific Bulb Society water sowing of seeds. Place seed in plastic container filled with cool water, cover with punctured lid or plastic wrap. Once a radical appears, remove and plant in medium. Zone 7a *Kushner*
- Zep1200** *Zephyranthes citrina* RAIN LILY TenBulb. Sun/PtSun. 10" in bloom. Late Summer to Fall. Zone 7-10.
0199 Unlike most rain lilies, this species prefers to be continuously moist and bears bright yellow flowers. Perfect in a pot but may prove hardy. Native to the Yucatan Peninsula. Zone 7 *Cresson*
0522 Bright golden yellow rain lily. 6-12". Full sun. Late season bloomer. Good container plant. Germ: According to the Pacific Bulb Society water sowing of seeds. Place seed in plastic container filled with cool water, cover with punctured lid or plastic wrap. Once a radical appears, remove and plant in medium. Zone 7a *Kushner*
- Zep1400** *Zephyranthes* 'Dark Yellow' RAIN LILY TenBulb. Full sun to part shade. to 10". Summer Zone 7b-10b.
0522 Dark yellow flowers. A new floriferous dark yellow Zephyranthes from Eden Blooms. Darker than Z. citrina. A winner! Germ: According to the Pacific Bulb Society water sowing of seeds. Place seed in plastic container filled with cool water, cover with punctured lid or plastic wrap. Once a radical appears, remove and plant in medium. Zone 7a *Kushner*
- Zep2100** *Zepbryanthes drummondii* RAIN LILY TenBulb. Sun. 6 x 4"; to 10" in bloom. Summer.
0522 San Carlos form. Fragrant, large, pure white flowers. Early bloomer. Source: Yucca Do Nursery. I grow mine in containers. Germ: According to the Pacific Bulb Society water sowing of seeds. Place seed in plastic container filled with cool water, cover with punctured lid or plastic wrap. Once a radical appears, remove and plant in medium. Zone 7a *Kushner*
- Zep2200** *Zephyranthes* 'Eastern Pearl' EASTERN PEARL RAIN LILY TenBulb. Sun. 10". Summer. Zone 7b-11.
0522 Peachy-pink blooms on a lovely bulb bred by Fadjar Marta and introduced by Plant Delights Nursery. Notable for the yellow stripes down the center of each petal. Pot plant. Germ: According to the Pacific Bulb Society water sowing of seeds. Place seed in plastic container filled with cool water, cover with punctured lid or plastic wrap. Once a radical appears, remove and plant in medium. Zone 7a *Kushner*

- Zep2300** *Zephyranthes 'First Love'* RAIN LILY
0522 Small pink flowers. A good bloomer. Source: Eden Blooms. Germ: According to the Pacific Bulb Society water sowing of seeds. Place seed in plastic container filled with cool water, cover with punctured lid or plastic wrap. Once a radical appears, remove and plant in medium. Zone 7a *Kushner*
- Zep2580** *Zephyranthes 'Grandjax'* RAIN LILY TenBulb. 8". Full sun to partial shade. Summer. Zone 7b-10b.
0522 Creamy-pink flowers. A cross between Z. 'Ajax' and Z. grandiflora. Vigorous bloomer. Creamy pink flowers with white stars in the center. Germ: According to the Pacific Bulb Society water sowing of seeds. Place seed in plastic container filled with cool water, cover with punctured lid or plastic wrap. Once a radical appears, remove and plant in medium. Zone 7a *Kushner*
- Zep2600** *Zephyranthes grandiflora* RAIN LILY TenBulb. Sun. 6-12". Summer-Fall. Zone 8-11.
0522 Pink flowers. Most floriferous of the Zephyranthes species I grow. Fragrant. Source: Old House Gardens. Germ: According to the Pacific Bulb Society water sowing of seeds. Place seed in plastic container filled with cool water, cover with punctured lid or plastic wrap. Once a radical appears, remove and plant in medium. Zone 7a *Kushner*
- Zep2860** *Zephyranthes 'Kathryn'* RAIN LILY Bulb. 9". Full sun. Summer. Zone 7b-10b.
0522 Medium pink flowers. Heavily flowering rain lily. A cross between 'El Cielo' and 'Big Dude'. Source: Plant Delights Nursery. Germ: According to the Pacific Bulb Society water sowing of seeds. Place seed in plastic container filled with cool water, cover with punctured lid or plastic wrap. Once a radical appears, remove and plant in medium. Zone 7a *Kushner*
- Zep2900** *Zephyranthes La Bufa Rose Group 'Aperitif'* GIANT PRAIRIE RAIN LILY TenBulb. Sun/PtShade. 6-10 x 4-6". Summer-Fall. Zone 7-10.
0522 Pink and white blooms. Lovely Yucca Do rain lily. Germ: According to the Pacific Bulb Society water sowing of seeds. Place seed in plastic container filled with cool water, cover with punctured lid or plastic wrap. Once a radical appears, remove and plant in medium. Zone 7a *Kushner*
- Zep2970** *Zephyranthes La Bufa Rosa Group 'Lily Pies'* RAIN LILY TenBulb. Sun/PtShade. 8 x 12". Summer-Fall. Zone 7-9.
0522 Pink-tipped white flowers. Bred at Yucca Do Nursery. Small picotee rain lily with overlapping petals. Germ: According to the Pacific Bulb Society water sowing of seeds. Place seed in plastic container filled with cool water, cover with punctured lid or plastic wrap. Once a radical appears, remove and plant in medium. Zone 7a *Kushner*
- Zep3250** *Zephyranthes macrosiphon* RAIN LILY TenBulb. Sun/PtShade. 6 x 6"; from 7-12" in bloom. Summer.
0522 Deep pink blooms, similar to Zephyranthes grandiflora, but a bit smaller. Native to Mexico. 2-3", but 14" in flower. Source: HPS Germ: According to the Pacific Bulb Society water sowing of seeds. Place seed in plastic container filled with cool water, cover with punctured lid or plastic wrap. Once a radical appears, remove and plant in medium. Zone 7a *Kushner*
- Zep3500** *Zephyranthes morrisclintii Redneck Romance Strain* RAIN LILY TenBulb. Sun. 12". Spring.
0522 Light pink flowers. A Plant Delights introduction. A cross between Z. lindleyana and Z. drummondii. An early bloomer. Cup-shaped flowers. Good container plant. Germ: According to the Pacific Bulb Society water sowing of seeds. Place seed in plastic container filled with cool water, cover with punctured lid or plastic wrap. Once a radical appears, remove and plant in medium. Zone 7a *Kushner*
- Zep3700** *Zephyranthes 'Pacific Sunset'* RAIN LILY TenBulb. Sun/Pt. Shade. 8". Summer.
0522 Coral. A cross between Z. grandiflora and Z. citrina. Originally bred by Fadjar Marta. Source: Edens Blooms. Germ: According to the Pacific Bulb Society water sowing of seeds. Place seed in plastic container filled with cool water, cover with punctured lid or plastic wrap. Once a radical appears, remove and plant in medium. Zone 7a *Kushner*
- Zep3750** *Zephyranthes 'Pink Beauty'* RAIN LILY TenBulb. Sun/Pt.Shade. 8" Summer.
0522 Strong pink with white centers. New hybrid from India. Source: Edens Blooms. Germ: According to the Pacific Bulb Society water sowing of seeds. Place seed in plastic container filled with cool water, cover with punctured lid or plastic wrap. Once a radical appears, remove and plant in medium. Zone 7a *Kushner*
- Zep3900** *Zephyranthes prtmulina* RAIN LILY TenBulb. Sun/PtShade. 6-12 x 3-6". Late Spring-Early Summer. Zone 8a-11.
0522 Yellow blooms fading to pink/peach. Very pretty, large flowered rain lily, upward facing blooms. Source: Wild Ginger Farm. Germ: According to the Pacific Bulb Society water sowing of seeds. Place seed in plastic container filled with cool water, cover with punctured lid or plastic wrap. Once a radical appears, remove and plant in medium. Zone 7a *Kushner*

Zinnia - Zizia

- Zin1350** *Zinnia elegans* ZINNIA Annual. Full Sun. 1'-4' tall. Summer
3176 Mixed colored flowers. Easy to grow annual. Great for cutting. Attracts pollinators. Germ: SIS; Can be started indoors, 6-8 weeks before last frost date. Zone 7a *Maher*
- Zin1650** *Zinnia haageana* MEXICAN ZINNIA Annual. 3'x3'. Full sun to partial shade. Summer.
0592 A mix of colors, strong on yellows. Some red, some patterned. Small blooms on freely-branching plants have short stems - nosegay size. Does need support. Zone 6 *Malocsay*
- Zin2010** *Zinnia peruviana* An. Sun. 2 x 1'. Summer-Fall.
0592 The red flowers transition through shades hard to name till it ripens tan. Alone in a vase, in water kept clean, it did all that and made this humble species my favorite zinnia. The plant itself is leggy - needs support or easing over sideways to turn up nicely blooming without stint till frost. Like *Z. haageana*, it has self sown for two years now. Zone 6 *Malocsay*
2515 Flowers start red then transition to muted red tones until the ray and petals are tan. Flowers all summer. Does need staking or another plant to keep it upright. Great pollinator plant! Germ: NST. Zone 6b *Doblmaier*
- Ziz2150** *Zizia aurea* GOLDEN ALEXANDERS Per. Sun. 2-2½'. Spring-Early Summer. Zone 3-8.
3176 Attractive yellow umbels in spring. Woodland native. Has been long lived in dry shade in my garden without spreading. Germ: CMS 60d, OW. Zone 7a *Maher*

Synonyms

Reference list of retired plant name to current plant ID and name

<i>Alophia euryandra</i> Enn1000 <i>Ennealophus euryandrus</i>	<i>Cornus kousa</i> var. <i>angustata</i> Cor2700 <i>Cornus elliptica</i>
<i>Anomatheca laxa</i> Fre3000 <i>Freesia laxa</i>	<i>Cypella plumbea</i> Cyp1000 <i>Cypella coelestis</i>
<i>Aster divaricatus</i> Eur0100 <i>Eurybia divaricata</i>	<i>Cypsella drummondii</i> Alo1500 <i>Alophia drummondii</i>
<i>Aster lateriflorus</i> Sym0550 <i>Symphyotrichum lateriflorum</i>	<i>Disporum flavens</i> Dis6650 <i>Disporum uniflorum</i>
<i>Aster linariifolius</i> Ion1000 <i>Ionactis linariifolius</i>	<i>Dolichos lablab</i> Lab1050 <i>Lablab purpureus</i>
<i>Aster novae-angliae</i> Sym0610 <i>Symphyotrichum novae-angliae</i>	<i>Emilia javanica</i> Emi2000 <i>Emilia coccinea</i>
<i>Aster novae-angliae</i> 'Alma Potschke' Sym0620 <i>Symphyotrichum novae-angliae</i> 'Alma Potschke'	<i>Engelmannia pinnatifida</i> Eng0500 <i>Engelmannia peristenia</i>
<i>Aster oblongifolius</i> 'Fanny' Sym0680 <i>Symphyotrichum oblongifolium</i> 'Fanny'	<i>Eupatorium coelestinum</i> Con0700 <i>Conoclinium coelestinum</i>
<i>Aster sericeus</i> Sym0850 <i>Symphyotrichum sericeum</i>	<i>Eupatorium purpureum</i> Eut0550 <i>Eutrochium purpureum</i>
<i>Aster shortii</i> Sym0900 <i>Symphyotrichum shortii</i>	<i>Eupatorium rugosum</i> Age0700 <i>Ageratina altissima</i>
<i>Belamcanda chinensis</i> Iri1055 <i>Iris domestica</i> 'Gone with the Wind'	<i>Eustylis purpurea</i> Alo1500 <i>Alophia drummondii</i>
<i>Belamcanda chinensis</i> 'Hello Yellow' Iri1060 <i>Iris domestica</i> 'Hello Yellow'	<i>Herbertia drummondii</i> Alo1500 <i>Alophia drummondii</i>
<i>Brodiaea laxa</i> Tri8010 <i>Triteleia laxa</i> 'Queen Fabiola'	<i>Hibiscus palustris</i> Hib2000 <i>Hibiscus moscheutos</i>
<i>Campanula glauca</i> Pla2000 <i>Platycodon grandiflorus</i>	<i>Iris dichotoma</i> Par2010 <i>Pardanthopsis dichotoma</i>
<i>Cassia fasciculata</i> Cha0640 <i>Chamaecrista fasciculata</i>	<i>Lycopersicon esculentum</i> 'Polish Linguisa' Sol0700 <i>Solanum lycopersicon</i> 'Polish Linguisa'
<i>Cassia marilandica</i> Sen2010 <i>Senna marilandica</i>	<i>Mina lobata</i> Ipo2350 <i>Ipomoea lobata</i>
<i>Cimicifuga racemosa</i> Act0900 <i>Actaea racemosa</i>	<i>Panicum palmifolium</i> Set2000 <i>Setaria palmifolia</i>
<i>Cimicifuga simplex</i> (<i>Atropurpurea</i> Group) 'Brunette' Act3100 <i>Actaea simplex</i> <i>Atropurpurea</i> Group 'Brunette'	<i>Persea littoralis</i> Per1500 <i>Persea borbonia</i>
<i>Consolida ambigua</i> Con1100 <i>Consolida ajacis</i> (blue)	<i>Persea podadenia</i> Per1700 <i>Persea liebmannii</i>
<i>Consolida ambigua</i> Con1050 <i>Consolida ajacis</i>	<i>Phlomis tuberosa</i> Phl0200 <i>Phlomis tuberosa</i>
<i>Cornus angustata</i> Cor2700 <i>Cornus elliptica</i>	<i>Polygonum virginiana</i> 'Painter's Palette' Per3250 <i>Persicaria virginiana</i> 'Painter's Palette'

Poncirus trifoliata 'Flying Dragon'
Cit1150 *Citrus trifoliata* 'Flying Dragon'

Prospero autumnale
Sci1010 *Scilla autumnalis*

Psoralea psoralioides 'Nash'
Orb1050 *Orbexilum pedunculatum* var. *psoralioides* 'Nash'

Rosa moyesii 'Geranium'
Ros3250 *Rosa* 'Geranium' (*moyesii* hybrid)

Scabiosa succisa
Suc0500 *Succisa pratensis*

Sedum spectabile
Hyl2900 *Hylotelephium spectabile*

Senecio aureus
Pac3000 *Packera aurea*

Silene flos-cuculi
Lyc3300 *Lychnis flos-cuculi*

Spilanthus oleracea
Acm0050 *Acmella oleracea*

Tamala borbonia
Per1500 *Persea borbonia*

Tamala littoralis
Per1500 *Persea borbonia*

Thermopsis caroliniana
The2050 *Thermopsis villosa*

Tigridia purpurea
Alo1500 *Alophia drummondii*

Tweedia caerulea
Oxy0200 *Oxypetalum caeruleum*

Zephyranthes 'Labuffarosea'
Zep2900 *Zephyranthes* La Bufa Rose Group 'Aperitif'

HPS/MAG Seed Exchange Order Form 2023–2024

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.

Payment required is \$25.00 if posted online or mailed. **The postmarked deadline is January 20 and the online seed catalog closes on January 24.** Orders from outside of the U.S. will have to pay for shipping, in addition to the \$25.00, and have a phytosanitary certificate.

Submit your order as early as possible to enhance the likelihood of receiving all your first choices. Orders posted or postmarked after the deadline(s) will not be filled and the check will be returned.

Dual members of a single household may each place

Name _____
Street Address _____
City, State, Zip _____
Email _____

an order; each order requires the \$25.00 regular fee and only one is entitled to the donor/volunteer bonus, if applicable.

Each member may order 25 packets of seed, limited to one packet of any particular seed/donor combination. Only one seed packet of a genus-species combination is allowed. 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.

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 complete your order today.

ONLINE hardyplantseedshop.org

BY MAIL Mary Ann Thomas
8600 Elliston Drive
Wyndmoor, PA 19038
ma.weeder@gmail.com
215-233-3071

Please submit your order online at hardyplantseedshop.org. If you prefer, you can still fill in this form manually and mail it with your payment. All checks should be made payable to HPS/MAG, and sent to Mary Ann Thomas, 8600 Elliston Drive, Wyndmoor, PA, 19038.

FIRST CHOICES LIST: Identify in alphanumeric order. <i>Please print neatly!</i>				DONOR/VOLUNTEER BONUS SEEDS: Continue listing in alphanumeric order only if you are a donor or volunteer.			
	PLANT CODE	BOTANICAL NAME	DONOR CODE		PLANT CODE	BOTANICAL NAME	DONOR CODE
	Xxx0000	Genus and specific epithet 'Cultivar if available'	0000	26			
1				27			
2				28			
3				29			
4				30			
5				31			
6				32			
7				33			
8				34			
9				35			
10				ALTERNATE CHOICES LIST: Identify in order of preference.			
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			

Susan Doblmaier
225 Drake Lane
North Wales, PA 19454

FIRST CLASS



MID-ATLANTIC GROUP
2023-2024 Seed Exchange Catalog

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