



MID-ATLANTIC GROUP

2021–2022 Seed Exchange Catalog

The 28th annual edition of the Seed Exchange Catalog includes 923 seed donations contributed by 56 gardeners, from beginners to professionals. Approximately 79 new plants were donated for the first time. As you can see, this seed program includes new plants not previously offered as well as old favorites. We 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
Carole Maher..... Retired Seed Exchange Chair, Donation Receiver, Proofreader
Sandy Vernick..... Retired Seed Exchange Chair
Lynn Cherry..... Data Entry, Proofreader
Mary Ann Thomas... Nomenclature, Code Master, Order Tallier, Proofreader

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. If a donor reported their zone, you will find it in parenthesis. 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.
2515 Pale yellow bloom, with a maroon eye. Nice looking plant with yellow flowers. Really beautiful this year in late August through September. Interesting seed heads and leaves on this easy to grow annual. Germ: NST. Zone 6 *Doblmaier*
- 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'. *Kusbner*
- Aci1100** *Acts autumnalis* AUTUMN SNOWFLAKE Bulb. Sun/PtShade. 4-6" x 6-8". Zone 5a-7b.
0032 *Plant Delights*
- Acm0050** *Acmella oleracea* EYEBALL PLANT, TOOTHACHE PLANT, PARA CRESS TenPer. Sun/PtShade. 12-18 x 12-15". Summer-Fall. Zone 9b-11.
0043 Red centered yellow ball. Fun plant that will seed around. Chewing on the leaves will make your mouth numb! Germ: SIS Zone 6 *Biderman/Barron*
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*
2927 Gold with red center. Best viewed up close in pots. Germ: NST. SS. L. 65-70F. *DiCaprio*
- Act0800** *Actaea cordifolia* KEARNEY'S BUGBANE Per. PtShade/Shade. 4-5' x 2-3'. Summer. Zone 4a-9b.
0032 *Plant Delights*
- Act0860** *Actaea japonica* JAPANESE BUGBANE Per. PtShade/Shade. 1-3 x 1-2'. Summer/Fall. Zone 4-8.
0926 White flowers. Japanese version of our Bugbane with a shorter, denser clump of leaves and a shorter flower stem. Mid to late summer blooming. Smells better than our native! *Streeter*
- Act0869** *Actaea japonica* 'Silver Blush' SILVER BLUSH JAPANESE COHOSH Per. Sun/PtSun. 30". Summer. Zone 5a-8a.
0032 White blooms. Germ: OW, BC, NST. *Plant Delights*
- Act0880** *Actaea pachypoda* DOLL'S EYES Per. PtShade. 2½ x 2½-3½' in bloom. Spring.
2429 White flowers. Germ: CMS. May take two yr to germinate. Zone 6 *Bricker*
- Act0900** *Actaea racemosa* BLACK COHOSH, BUGBANE, FAIRY CANDLE, BLACK SNAKEROOT Per. PtShade. 7 x 2'. Summer.
0926 White flowers borne in wands in July above handsome foliage. Germ: Cycle: WMS 3mo, CMS 3mo. *Streeter*
- 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*
- Act2000** *Actaea simplex Atropurpurea Group* BUGBANE Per. PtShade. 4 x 4'; from 6-7' in bloom. Fall.
1277 White flowers. Fragrant blooms in fall. Foliage not black, only dark green. Best put seeds in pot and overwinter, maybe even two years. Zone 6a *Haas*
- Act3100** *Actaea simplex Atropurpurea Group* 'Brunette' BUGBANE Per. PtShade. 4 x 2'. Fall.
0797 White flowers. *Robinson*
- Ade0200** *Adenophora confusa* COMMON LADY BELLS Per. Sun/PtShade. 2½ x 2'. Summer.
1585 Blue-violet flowers. Blooms from midsummer into September. Will grow in almost any soil. Germ: NST; SIS. *Scofield*
- Adi6000** *Adina rubella* GLOSSY ADINA Shrub. PtShade. 5-6 x 5-6'. Summer.
2137 White blooms. Similar to our native buttonbush, but has shinier and small dark green leaves and smaller flowers. Can grow in better soils and even dry soils. Zone 6b *Boylan*
- Adl0050** *Adlumia fungosa* CLIMBING FUMITORY, CLIMBING BLEEDING HEART Bien. PtShade. 6-8'. Summer-Fall. Zone 4a-8b.
0199 Pale pink blooms. Native biennial for semishade. A ferny rosette in the first yr produces climbing stems in the second yr which scramble up to 12', flowering most of the summer with numerous small bleeding heart-like flowers. Self-sows enough to persist without being a pest. Zone 7 *Cresson*

Aesculus - Alcea

1537 Allegheny-vine is a climbing biennial vine that can reach nearly ten feet in height. It has ferny leaves and pink flowers. In the wild it is found in rocky forests and cliff bases, but I grow it in shaded woodland in my garden. Germ: Sow seeds in compost covering fine grit (I use fine chick grit) or compost to their own depth. No pre-treatment required. Germination takes 2-3 months, or longer. I sowed in pots overwintered outdoors. Zone 7a *Happel*

- Aes0060** *Aesculus glabra* OHIO BUCKEYE Tree. Sun/PtShade. 20-40 x 20-40'. Spring.
1228 *Labash*
- Aes0300** *Aesculus parviflora* BOTTLEBRUSH BUCKEYE Shrub. Sun/PtShade. 10 x 15'. Summer.
1277 White flowers. Large spreading shrub to 10'. Zone 6a *Haas*
- Aet1900** *Aethionema saxatile* BURN'T 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
- Aga1500** *Agapanthus 'Navy Blue'* NAVY BLUE LILY-OF-THE-NILE Per. 32". Full sun-partial shade. Summer. Zone 6a-10b.
0199 Dark blue flowers. This has proven hardy in field perennial trials in Michigan. July-August bloom with an intense color.
Zone 7 *Cresson*
- Aga2000** *Agastache 'Astello Indigo'* Per. Sun. 2'. Zone 6-9.
1277 Blue-purple blooms. Root beer scent, Very attractive to bees and butterflies. Zone 6a *Haas*
- Aga2600** *Agastache foeniculum* ANISE HYSSOP Per. Sun/PtSun. 3-5' x 1-2'. Summer. Zone 4-8.
1228 Blue flower. Uses: medicinal, culinary, edible flower. Bees love it. Germ: Needs warm soil. *Labash*
3178 Purple flowers. Seeds around. Deer resistant. Germ: CMS 30 days; SS; R; OW. *Standen*
- Aga2650** *Agastache foeniculum 'Golden Jubilee'* ANISE HYSSOP Per. Sun. 3-5 x 1-2'. Summer-Fall.
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 7 *Creveling*
1228 Whitish, yellow flower. Uses: medicinal, culinary. Bees love it. Germ: Needs warm soil. *Labash*
- Aga2830** *Agastache nepetoides* YELLOW GIANT HYSSOP Per. Sun/PtShade. 4-6 x 1-3'. Late Summer. Zone 2-8.
1224 Greenish-yellow flowers. Germ: NST. Zone 5 *Lockhart*
- Aga5130** *Agave bracteosa* CANDELABRUM AGAVE, SQUID AGAVE, CENTURY PLANT Per. Sun/PtShade. 12-18 x 15-18". Zone 8-10.
0032 HBG 14833-4 Germ: BC, SS, NST. *Plant Delights*
- Aga5450** *Agave x loferox 'Stairway to Heaven'* HARDY HYBRID CENTURY PLANT Per. Sun. 3 x 4-5'. Zone 7-10.
0032 Parentage: *Agave lophantha* x (*Agave x pseudoferox* 'Logan Cahoun') Germ: BC, SS, NST. *Plant Delights*
- Aga5540** *Agave ovatifolia* WHALE'S TONGUE AGAVE Per. Sun. 3-4' x 6'. Zone 7-11.
0032 *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*
- Agr2000** *Agrimonia gryposepala* TALL HAIRY AGRIMONY Per. PtSun. 3-5 x 1-2'. Summer. Zone 4-9.
0239 Great yellow color accent for woodland. Yellow flowers are "fireworks"-like! Germ: BH; BC; NST; 2 wk. May reseed a little in garden. Zone 6 *Doering*
3651 Slender, semi-procumbent racemes of small, yellow flowers extending above chartreuse, pinnately-compound foliage with coarsely toothed margins. Mesic conditions. N. America. Germ: BC. W. NST. Zone 6b *Gannon*
- Alc0050** *Alcea rosea* (all colors) HOLLYHOCK Bien./Per. Sun. 2 x 2'; from 6-8' in bloom. Summer.
0200 Lavender, pink, and white, blooms in singles and doubles to 6-8'. Germ: NST. Zone 7 *Creveling*
0797 Rose-colored flowers. *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 6 *Doblmaier*

- Alc1950** *Alcea rosea* (two tone pink) HOLLYHOCK Annual. 5-8' tall and 1-2' wide. FS. Zone 3-9.
0200 Two-tone pink flowers. Zone 7 *Creveling*
- All0900** *Allium altaicum* 'Bone Head' BONE HEAD ALTAI ONION Per. Sun. 18". Zone 5b-8b.
0032 *Plant Delights*
- 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 Per. Sun/PtShade. 6-10 x 6"; from 1-1½' in bloom. Summer.
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. *Scofield*
- All4500** *Allium christophii* STAR OF PERSIA PerBulb. Sun. 1 x 1'; to 18" in bloom. Summer.
2621 Huge 10" purple onion. Germ: CMS 30 days, then 60F with light. Zone 6 *Nachlas*
- All6750** *Allium schoenoprasum* CHIVES Per. Sun. 12-18 x 18". Summer.
1585 Lilac to mauve blooms. 12"-20" depending on soil and weather. Great pollinator plant. Blossoms and leaves are delicious in salads. Germ: NST; SIS. *Scofield*
- 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 6 *Doering*
1020 White flowers. Late bloomer with pleasing seed heads. Culinary and ornamental. Germ: NST; SIS. Zone 7 *Wiedorn*
- All8400** *Allium victorialis* ALPINE LEEK Bulb. PtShade. 6 x 12"; to 12" in bloom. Spring.
0199 Greenish white flowers. Wide leaves make this onion especially interesting. European native. Summer dormant. Zone 7 *Cresson*
- Als0500** *Alstroemeria psittacina* PERUVIAN LILY Per. Sun/PtShade. 3 x 1½'. Summer-Fall.
0592 Muted red/green combination. Quiet beauty for close-up appreciation in place or picked. Hardy for me in Pittsburgh well mulched, out of wind's way. Survives root competition from tree-size pussy willow. Seeds far-fling by exploding pods. Bagging is awkward so I watch for withered pod stalks and confine to a can covered with screen wire. Seeds hitting metal can be heard in the next room. Germ: NST Zone 6 *Malocsay*
- Aly1200** *Alyssoides utriculata* BLADDERPOD Per. Sun. 18-24". Late Spring/Early Summer.
2515 Yellow flowers on drought-tolerant, spring-blooming perennial. Interesting seedpods. Germ: W, NST. Zone 6 *Doblmaier*
- Aly1400** *Alyssum montanum* 'Tekara' CREEPING BASKET OF GOLD Per. Full sun. 6"-12". April. Zone 4-9.
0199 Yellow flowers. Spreading perennial with grey foliage and bright yellow flowers in April, Rock garden with good drainage is ideal. 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. *Robinson*
- Ama1500** *Amaranthus* 'Hopi Red Dye' An. Sun. 3-4 x 2'. Summer-Fall.
2937 Red blooms. Zone 6a *Bittmann*
- Ama3050** *x Amarygia* PerBulb. Sun. Zone 8b-10b.
0032 *Plant Delights*

Amaryllis - Anthriscus

- Ama3100** *Amaryllis belladonna* BELLADONNA LILY, NAKED LADY Bulb. Sun. 24-36 x 9-12". Late Summer/Early Fall. Zone 7 (mulched), 8-11.
0199 Pink, August-September bloom. Similar to lycoris, but much finer. Needs sun in sheltered location and summer dryness, such as under the eaves of a house. Zone 7 *Cresson*
- 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 7 *Creveling*
- Amo3250** *Amorpha canescens* LEADPLANT Shrub. Sun, 2-3' x 2-2.5'. Summer-Fall. Zone 2-9.
0032 *Plant Delights*
- 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*
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. Germ: CMS; OW. Zone 6 *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. Germ: CMS; OW. Zone 6 *Doblmaier*
- Ams2050** *Amsonia tabernaemontana* BLUE STAR Sun/PtShade. 2 x 1½'. Spring/Summer.
1228 Steel blue flowers. Cut flowers. Bees love it. Germ: Moisten seed and soil for 4 weeks. *Labash*
2515 Blue flowers. Very similar to *A. hubrichtii*, but the leaves are wider. Great fall color. Blooms in May. Native. Germ: CMS; OW. Zone 6 *Doblmaier*
3107 Blue flowers. Slow to germinate. Germ: Scfy. Time: 4-6 weeks. Zone 6b *Sirbaugh*
- Anc1350** *Anemone x hybrida* 'September Charm' Per. Sun/PtShade. 2-4 x 2-3'. Late Summer/Fall. Zone 4-8.
1939 Flowers that are shades of pink. Sun and part shade. Summer to September. Germ: CMS; BH 21-28 days. Sow seeds indoors in early Spring. Zone 6b *Urffer*
- Anc6500** *Anemone virginiana* Per. Sun/PtShade. 2 x 1'; to 30" in bloom. Late Spring. Zone 2-8.
3321 White and green blooms. Spreads well in good conditions. Germ: CMS: 60 d, R, SS. 60 d. Zone 6 *Perron*
- Ang1050** *Angelica gigas* KOREAN ANGELICA Bien./Per. PtShade/Shade. 4-6' x 2-3'. Summer. Zone 5-9.
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 Maroon flowers. Useful biennial for garden drama and pollinators. *Tracey*
- Ang1900** *Angelica japonica* Per. Sun/PtSun. 18" up to 5' in bloom. Summer. Zone 7a-9b.
0032 *Plant Delights*
- Ang3049** *Angelica sylvestris* 'Vicar's Mead' PURPLE HOLY GHOST Bien. PtShade. 6'. Late Summer/Early Fall. Zone 4-8.
1017 Deep purple flower. A wonderful, tall (6') monocarpic plant. A plant that looks you in the eye. A sturdy star in the late summer border. Zone 5b *Whitesell*
- Ant0050** *Anthemits 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*
- Ant3050** *Anthriscus sylvestris* 'Ravenswing' BLACK COW PARSLEY Bien. Sun. 2½ x 2'. Spring-Summer.
0627 The dark metallic looking, lacy foliage is lovely; the pale flowers are a bonus. Will self-seed but is not a thug. *McShane*

- 0951 White flowers. Biennial. Where happy it self sows - where it's not?? *Tracey*
- Api1000** *Aptos americana* GROUNDNUT, POTATO BEAN PerVine. Sun/PtShade.10'. Summer. Zone 3-7.
0269 Maroon and cream blooms. A nitrogen-fixing legume, this vigorous native vine can cover nearby shrubs. Plants prefer rich, moist soil and are best used in natural areas where it can spread at will (it typically is found on the banks of creeks and rivers). It could also be trained up a sturdy trellis or allowed to climb over very vigorous shrubs. The ½" flowers are pea-shaped and are borne in clusters that resemble 2-3" long wisteria blossoms. The tubers are edible. Germ: Scfy, Soak: 1 d, Rtp. Sow seeds in individual pots, and pinch seedlings to prevent them from entwining. Zone 7 *Ellis*
- Aqu1150** *Aquilegia atrata* COLUMBINE Per. Sun/PtShade. 3 x 1'. Spring.
3666 Black/Violet. 2' x 2'. 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.
0199 Red/orange and yellow flowers. Zone 7 *Cresson*
2497 Red and yellow bell-like flowers. A light airy plant that flowers well in shady woodland settings. Attracts hummingbirds. East coast native. Zone 7b *Mackey*
- 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*
- Aqu4000** *Aquilegia species (individual colors)* COLUMBINE Per. Sun/PtShade. 2 x 1'. Spring.
0318 Blue and white flowers to 2' tall. Will self-sow. *Garnett*
1277 Blue blooms Zone 6a *Haas*
- 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. *Kushner*
0592 Bloom: Long established happenstance mix, short and tall, favoring blues (some with white) & occasional pink or white. Here when I came in 2013, steady ever since. Now that sawfly is a major problem, nice to have volunteers for plenty of pushback. Germ: NST Zone 6 *Malocsay*
- 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*
- Aqu5905** *Aquilegia vulgaris* (double, pink) COLUMBINE Per. Sun/PtShade. 15 x 18"; to 30" in bloom. Spring.
0522 Shell pink flowers. Bell-shaped pink flowers with a white edge. 18-24" x 18". *Kushner*
- Aqu5929** *Aquilegia vulgaris* (pink) COLUMBINE Per. Sun/PtShade. 12 x 12"; to 2' 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. *Kushner*
- Aqu5940** *Aquilegia vulgaris* var. *stellata* 'Black Barlow' COLUMBINE Per. Sun/PtShade. 15 x 12; to 30" in bloom. Late Spring-Early Summer.
0043 Dark purple/black with some white. Beautiful smallish double flowers that last for a while. We have a small stand of them. Quite nice! Germ: OW, NST Zone 6 *Biderman/Barron*
0627 *McShane*
- Aqu5970** *Aquilegia vulgaris* Winky Series 'Winky Purple-White' COLUMBINE Per. 1.5-2' x 1-1.5'. Full sun-part shade. Spring. Zone 3-8.
0522 Purple and white flowers. Lovely purple petals with white centers. Faces upward. Probably the Winky series. *Kushner*
- Ara2070** *Aralia californica* ELK CLOVER, CALIFORNIA SPIKENARD Per. Sun/PtShade. 3-4'. Late Spring-Early Summer. Zone 3a-8b.
0032 White compound racemes of umbels from plants hardy in Chris Chapin's garden in NY, to 8' in shady moist areas. Clumping, not running. Germ: OW, SS, NST. *Plant Delights*

Aralia - Aruncus

- Ara2095** *Aralia cordata* 'Sun King' JAPANESE SPIKENARD Per. PtShade. 3-6' x3-6'. Zone 4-8.
0951 White flowers. Easy from seed, but don't disturb seedlings until they have size. *Tracey*
3397 Bright chartreuse leaves, tolerates dry shade, can self sow, birds like berries. Germ: SS. W. Zone 6b *Egbertson*
- 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 *Plant Delights*
- Ari0500** *Arisaema consanguineum* COBRA LILY Per. PtShade. 2-3' x 1'. Spring Zone 5-9.
1607 Green to purple-brown striped flowers. Germ: W. Zone 7a *Jellinek*
3321 Flowers are green and purple stripes with purple blush. Germ: 7 day soak in warm water. BC. Maximum germination time 30-90 days. W. SR. Zone 6 *Perron*
- Ari0520** *Arisaema consanguineum* 'Silver Center' Per. PtSun/PtShade.
0199 Spectacular leaves composed of 12 narrow leaflets, each with a prominent silver streak down the middle. Zone 7 *Cresson*
- Ari0600** *Arisaema dracontium* GREEN DRAGON, AMERICAN WAKE-ROBIN, DEVIL'S PULPIT Per. Pt/Full Shade. 1-3' x 1-1½'.
Spring. Zone 4-9.
9985 7-15 leaflets, otherwise similar to Jack in the Pulpit. Additionally, fruiting structure is more colorful and longer lasting. Visitors frequently ask about this plant. Germ: CMS, 90 d. Keep moist and refrigerated till sowing. Zone 7a *Jenkins Arboretum*
- Ari2500** *Arisaema heterophyllum* COBRA LILY Per. PtShade. 2-3½ x 1'. Spring. Zone 5-9.
0199 One of the easiest species to grow. Leaves divided into more than a dozen narrow segments. Typical jack-in-the-pulpit flower. Red fruit along with yellow fall foliage. Zone 7 *Cresson*
1607 Green-purple flowers. Horseshoe-shaped leaf. Germ: W; Refrigerate seed until sowing. Zone 7a *Jellinek*
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*
- Ari3050** *Arisaema ringens* Per. PtShade/Shade. 2 x 4'.
0199 A remarkable Japanese cobra-lily with closed hooded flowers, in early spring. Zone 7 *Cresson*
- Ari7250** *Aristolochia fimbriata* WHITE-VEINED DUTCHMAN'S PIPE TenPer. Vine. Sun/PtShade. 2' in a pot, 6' in ground.
Summer. Zone 7-10.
0592 Tiny fringed pipes yield intricate baskets of seed. White-veined leaves have an interesting odor. Tuber makes for quick response to cutback. Easily managed small vine. Germ: Quick and easy from seed. Self sows in Pittsburgh. Zone 6 *Malocsay*
- Aro1300** *Aronia x prunifolia* RED CHOKEBERRY Shrub. Sun/PtShade. 10 x 8'. Spring.
0045 White flowers. Attraction is red-wine colored fruit. Seedlings should be easy to move. Fast growing. Fruiting well for years. Germ: NST. Zone 6b7a *Bartlett*
- Art2500** *Artemisia annua* SWEET ANNIE An. 4-6 x 3'.
0496 3-5ft foliage annual. Deer repellent, scented plant which like Perilla makes a nice border around your fenced veg garden where deer are tempted to browse anything poking through. Useful as a fresh or dried olive green ferny filler in arrangements, especially with fall colors. Germ: Self sows readily so plant where you don't mind it reappearing. *Kirkby*
1228 *Labash*
- 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 6 *Doering*
0318 *Garnett*
- Aru3500** *Aruncus dioicus* GOAT'S BEARD Per. Sun/PtShade. 3½-4'. Summer. Zone 4-8.
0239 Zone 6 *Doering*

- Asa0450** *Asarina procumbens* CREEPING SNAPDRAGON Per. Sun/PtShade. 2 x 24". Summer.
0084 Soft yellow flowers. Trailing vine can spread but is easy to keep in bounds. Germ: BC. Zone 6b *Bowditch*
- Asc0100** *Asclepias curassavica* BLOODFLOWER, BLOODY MILKWEED TenPer. Sun. 3-4 x 1-1½'. Summer-Fall.
0043 Red/Yellow flowers. Great monarch attractor/food. Can be cut back for rebloom after the caterpillars feed. Zone 6
Biderman/Barron
- Asc0150** *Asclepias curassavica* 'Silky Gold' BLOODFLOWER, BLOODY MILKWEED TenPer. Sun. 4 x 1'. Summer-Fall. Zone 8-11.
2621 Germ: CMS. Soak seeds in hot water for 24 hours. Surface sow. Zone 6 *Nachlas*
- Asc2500** *Asclepias incarnata* SWAMP MILKWEED Per. Sun. 4 x 2'. Summer.
0590 White flowers. Zone 7a *Mabony*
- Asc3700** *Asclepias syriaca* COMMON MILKWEED Per. 2-4'.
1228 Pinkish-mauve flowers. Uses: Garment trade and medicinal. Butterflies and other wildlife like it. Germ: CMS: 3-6 weeks. *Labash*
- Asc4010** *Asclepias tuberosa* MILKWEED, BUTTERFLY WEED Per. Sun. 2-3 x 1-2'. Summer-Fall.
3176 Stunning orange flowers, native, drought tolerant. Host for monarch caterpillars. Cut back for rebloom. Germ: CMS, SIS, Rtp. Zone 7a *Maber*
3666 Dark orange flowers. Dark stems. Germ: CMS. Zone 5 *McGowan*
- Asi1050** *Asimina triloba* PAWPAW TREE Shrub/Tree. Sun/PtShade. 20 x 20'. Spring.
0045 Odd purple flowers in early Spring. The Paw Paw is a northern colonist of 2 tropical families. It can form a thicket or be kept to one truck by removal of suckers. A native. Tasty fruit. Germ: CMS: 60 d. SIS. Give each seed some space. Zone 6b7a *Bartlett*
0496 Small tree 20ftx20ft, sun/part shade, insignificant maroon flowers in spring. Native fruit tree with tropical-like (mango shaped) fruit, borne in clusters taste and texture similar to banana custard. Mixed seed collected from 7 named varieties. Must have 2 genetically different trees for successful fruiting. Germ: Refer to University of Kentucky website for complete germination/cultural information along with many pages of recipes. Cold stratify 100-120 days by planting in a 10" deep pot suitable for tap rooted seedlings and OW outdoors. Or direct sow where you envision your pawpaw patch. Not easily transplanted. Tap rooted. *Kirkby*
0926 *Streeter*
2429 Maroon flowers. Small, native tree with edible fruit, tropical foliage. Germ: CMS: 90 d. Long taproot. Seedlings emerge mid- to late summer. Zone 6 *Bricker*
- 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. *Plant Delights*
- Asp5000** *Asphodelus aestivus* ASPHODEL Per. Sun. 4-6' x 1-2' Zone 7b-11.
0032 *Plant Delights*
- Ast5000** *Aster tataricus* TATARIAN ASTER Per. Sun. To 6' or more in bloom. Fall. Zone 4-8.
1228 Lavender flowers with yellow eye. Uses: Medicinal and cut flower. Bees and Butterflies like it. Germ: Warm soil - do not let dry out. *Labash*
- Ast5600** *Astilbe biternata* FALSE GOAT'S BEARD Per. PtShade/Shade. 2 x 2'; to 3' in bloom.
2137 Creamy, white blooms. Native Astilbe 3-6' tall. Coarse foliage. Good shade background plant. Germ: W; SS; Germ: max 90 d. NST. Zone 6b *Boylan*
- 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. *Garnett*
- Ast8200** *Astrantia major* GREAT MASTERWORT Per. Pt.Sun. 1.5-2 x 1-1.5'. May to July. Zone 4-7.
3666 Red/ rose Germ: CMS. Zone 5 *McGowan*
- Ast8300** *Astrantia major* 'Alba' Per. Sun/PtShade. 2'. Zone 4-9.
3666 White flowers. Germ: CMS. Zone 5 *McGowan*

Athyrium - Begonia

- Ath1000** *Athyrium nipponicum* var. *pictum* JAPANESE PAINTED FERN Fern. PtShade/Shade. 12-18 x 15-18'. Zone 4-9.
1277 Zone 6a Haas
- Aur1450** *Aurinia saxatilis* BASKET-OF-GOLD Per. Sun. 0.5-1' x 1-1.5'. April to May. Zone 4-7.
1918 Yellow flowers. Low-growing, rock-garden plant that blooms in April. Yellow, honey-scented, small clusters of flowers above grey-green leaves. Needs good drainage. May self sow. Grows in my gravel garden with no additional water. Germ: NST. SIS. Carey
- Bap0050** *Baptisia alba* WHITE FALSE INDIGO Per. Sun. 3-4 x 2-3'. April to May. Zone 5-8.
2515 White flowers that have a purple tinge since it is near a purple-flowered Baptisia. Smaller than the newer Baptisia australis cultivars. Loves dry conditions. Germ: Slow to grow from seed. Zone 6 Doblmaier
- 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
- Bap0800** *Baptisia arachnifera* COBWEBBY WILD INDIGO, HAIRY RATTLEWEED Per. Sun/PtShade. 12-15 x 24-30". Summer.
Zone 6-10.
0032 Rare and endangered. *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 7 Creveling
1020 Blue flowers with interesting seedpods. Long-lived plant. Resents transplanting. Germ: NST. Zone 7 Wiedorn
3132 Blue flowers. Germ: Scfy. BH. 1/4" deep. Sow late Fall or Spring. Zone 7a Axel
9985 These seeds were collected off a plant located near a white form of Baptisia. Some genetic variability is possible. Germ: CMS 10 d. Scfy; OW; BC; NST; 30 d. Zone 7a Jenkins Arboretum
- Bap1400** *Baptisia bracteata* CREAM WILD INDIGO, CREAM FALSE INDIGO, LONG-BRACT WILD INDIGO Per. 2-2.5' x 2-2.5'. Full Sun to part shade. Late Spring. Zone 3-9.
3666 Pale Yellow flowers. Germ: Scarify seed and soak for 30 minutes. Zone 5 McGowan
- Bap2250** *Baptisia* 'Lemon Meringue' FALSE INDIGO Per. Sun/PtShade. 3' x 3'. April to May. Zone 4-8.
3397 Nice vase-like shape, not as dense as 'American Goldfinch' so less prone to flop. Yellow bloom with blue stems, black seed pods. Germ: Scfy. CMS 10 days. Zone 6b Egbertson
- Bap2300** *Baptisia nuttalliana* NUTTALL'S WILD INDIGO Per. Sun/Pt.Sun. May. Zone 5-9.
3666 Pale yellow. 18" x 18". Germ: Scarify seed and soak for 30 minutes. Zone 5 McGowan
- Bap2430** *Baptisia* species Per. Sun/PtShade.
0590 Medium light blue flowers. Named cultivar but name has been lost. Zone 7a Mabony
- Beg0200** *Begonia boliviensis* TenPer. Sun/PtSun. 12-16" x 12-16". Summer-Fall. Zone 9a-11.
1277 Grow outside in summer and use as houseplant in winter. Likes good drainage. Cascading habit. Orange flowers.
Zone 6a Haas
- Beg1050** *Begonia grandis* subsp. *evanstana* 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 6 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. *Garnett*
0522 Pink flowers on shade-loving perennial. Blooms July-October. 18-24" tall. Good companion to hostas and ferns. *Kushner*
1020 Soft pink flowers sited in partial shade. Late summer to early fall blooming. Shade loving begonia that spreads around. Germ: BC; W; NST; SIS. Zone 7 Wiedorn

- 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. *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.
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*
3666 Orange flowers. Offering small bulbils. Germ: Sow in early Spring. Cover lightly. Overwinter dry. Zone 5 *McGowan*
- 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. *Plant Delights*
- Bes0050** *Bessera elegans* CORAL DROPS TenBulb. Sun. 18"-24". Summer. Zone 8-11.
0199 Red flowers. Clusters of pendant scarlet red flowers atop wirey stems in late summer. Skinny leaves. This summer-growing Mexican native is heat tolerant and a joy in bloom. Overwinter the pot dry indoors and forget about it until warm weather in spring! Zone 7 *Cresson*
- Ble2500** *Bletilla striata* HARDY ORCHID Per. PtShade. 8-12". Spring. Zone 5-9.
0199 Pinkish-purple blooms. The easiest garden orchid and the easiest orchid from seed. I find it drought tolerant even with morning sun. Germ: W, L. Sow seed on chopped sphagnum, sterilized in boiling water. Set pot in saucer of water. Zone 7 *Cresson*
- Boe0100** *Boehmeria platanifolia* SYCAMORE LEAVED FALSE NETTLE Per. Sun/PtShade. 5'. Zone 5-9.
2137 White flowers. *Boehmeria platanifolia* makes a 5' tall x 4' wide texturally enchanting clump of upright stems, clothed with fascinatingly bold, deeply-incised green leaves, each attached to the stem by a bright red petiole. The top of the stems are adorned in late summer with floral stalks that look like limp pipe cleaners.. Germ: BC: Barely cover seed. Maximum germination time (in days): 3 months. W: Room temperature, 65-70F. NST: No special treatment. Zone 6b *Boylan*
- 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 6 *Doering*
- Bra0900** *Brassica juncea* 'Red Giant' RED GIANT MUSTARD GREENS Bien. Sun/Pt.Shade. 12-16 x 12-16" Cool season. Zone 2-11.
0043 Great for garden color. Add leaves to salad or cook for a great spicy cabbage green taste. Will seed around if you let it. Germ: NST, SIS Zone 6 *Biderman/Barron*
- Bro1050** *Browallia americana* JAMAICAN FORGET-ME-NOT, BUSH VIOLET An. Sun/PtShade. 2 x 2'. Late Summer-Fall.
0239 Blue flowers. Lovely color. A weaver type of annual for garden. Germ: NST; W; SIS. Zone 6 *Doering*
0797 Blue flowers. Germ: NST; BC; W. *Robinson*
0951 Blue. Favorite filler annual for sun or part shade. *Tracey*
1277 Sky blue flowers. Wonderful filler plant. Blooms until frost. Self-seeds. Zone 6a *Haas*
- Bup1400** *Bupleurum rotundifolium* THROW-WAX An. Sun. 2 x 1'. Summer.
1918 Chartreuse flowers. Hardy annual that flowers in early summer with chartreuse flowers surrounded by bracts. Makes a good cut flower. Sow in autumn or spring. Germ: NST. SIS. *Carey*
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*

Cacalia - Camellia

- Cac0035** *Cacalia hastata tanakae* Per. PtShade. 6'. Late Summer/Fall.
2137 White blooms. Strong, erect stems reach 4-6' tall in bloom. Small, soft white, bottlebrush flowers bloom mid-season. Gorgeous variegated foliage! Germ: W, BC, NST. Zone 6b *Boylan*
- 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*
- Cal0070** *Calamintba nepeta* subsp. *nepeta* Per. Sun. 1-1.5' x 1-2'. Summer. Zone 5-7.
3651 Bushy yet compact, clad in small, ovate, greyish-green leaves. Long-blooming, lilac to white, axillary spikes of minute bilabiate flowers. Can spread, modestly, by seed and rhizomes. A quintessential pollinator plant. Reasonably drought-tolerant. Europe. Germ: BC, W, NST. Zone 6b *Gannon*
- Cal1800** *Calliandra emarginata* POWDER PUFF BUSH TenShrub. Sun/PtShade. 4-5 x 3'. Spring-Summer-Fall-Winter repeat bloomer. Zone 10a-11.
0199 Red flowers. Tropical shrub with mimosa-like flowers. Blooms all year. Great for house or patio. Performs outdoors all summer and indoors all winter. Hummingbirds love it. Zone 7 *Cresson*
- Cal2200** *CalliCARPA americana* MEXICAN BEAUTYBERRY Shrub. Sun/PtShade. 6 x 5'. Spring-Summer.
0269 White flowers. A native shrub ranging from 3-6' tall and wide. Hardy to Zone 6. Insignificant flowers are followed by dense clusters of magenta-purple berrylike drupes. Full sun to part shade. Prefers rich, moist soil. Plants flower and fruit on new wood and can be pruned in winter or cut to the ground. Fruit attracts birds and other wildlife. Germ: BC, OW, NST. Zone 7 *Ellis*
1181 Low maintenance deciduous shrub. Attracts birds. 3'-6' tall and wide. Full sun to light shade. Showy purple fruit, most abundant in full sun. Germ: NST. *Cyphers*
- 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*
- Cal2980** *Callirhoe bushii* BUSH'S POPPY MALLOW Per. Sun. 12-18 x 24-36". Spring. Zone 4-8.
0032 Source: Prairie Moon Nursery *Plant Delights*
- Cal4200** *Calycanthus chinensis* CHINESE SWEETSHRUB Shrub. Sun/PtShade. 5-10' x 5-10'. Late spring, early summer. Zone 6-8.
0032 *Plant Delights*
- Cam0050** *Camassia cusickii* CAMASS LILY Bulb. Sun/PtShade. 2½'. Spring.
0199 Light blue flowers in May. Beautiful grayish-green foliage. Native to the west. Interplant with daffodils. Evenly moist soil, tolerates very wet clay, but grows anywhere soil is moist until June. Zone 7 *Cresson*
- 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*
- Cam0335** *Camellia japonica* (from Korea) Shrub. PtShade. 15 x 10'. Spring.
0199 Deep red, single flowers with yellow stamens. Spring blooming but often opens some flowers in November. Parent plants grown from seed collected wild on Sochong Island off the north coast of Korea, coldest habitat of the species. The hardiest *C. japonica*, at least a half zone hardier (probably zone 6a, at least). After 40 years, these are becoming small trees here. Zone 7 *Cresson*

- Cam0345** *Camellia japonica* 'Korean Fire' Tree. PtSun. 10-15' x 5-8'. Spring. Zone 6-9.
3176 Red flowers. Attractive slow growing evergreen shrub never damaged by cold. Starts blooming in February.
Germ: Seeds were stored moist in the refrigerator. Zone 7a *Maber*
- Cam0347** *Camellia japonica* 'Kuro Delight' Shrub. PtShade. 8 x 6'. Spring.
0199 Camellia breeder, Dr. Ackerman considered this cultivar to be among the very hardiest. It is also distinctive for its smaller size and narrow leaves. Deep red single flowers. Seedlings will vary. Zone 7 *Cresson*
- Cam0348** *Camellia japonica* 'Red Aurora' Shrub. PtShade. 8-10 x 10'. Spring.
0199 Semi-double clear red flowers in mid-spring. Seedlings will vary. Zone 7 *Cresson*
- Cam0350** *Camellia oleifera* TEA-OIL CAMELLIA Shrub. Sun/PtShade. 15+ x 15+' . Fall.
0199-A White flowers. The hardiest camellia with unrivalled cinnamon-colored bark on older specimens. Profuse white flowers in succession from mid-October to mid-December. Germ: D; R; C; W. Sow immediately. Germination rate will depend on temperature. Zone 7 *Cresson*
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*
- Cam0400** *Camellia oleifera* hybrid (light pink, dark eye) TEA-OIL CAMELLIA Shrub. PtShade. 12 x 8'. Fall.
0199 Parent plant with flat, single, light pink blooms with a darker eye. Light pink flowers stand out against dark foliage. Tall upright habit. Mid-October through November. Very hardy. Seedlings will vary. Zone 7 *Cresson*
- Cam0460** *Camellia oleifera* hybrid (single pink) TEA-OIL CAMELLIA
0199 Single pink flowers from early-mid October into December. A very floriferous plant. Seedlings will vary. Germ: NST. Zone 7 *Cresson*
- Cam0730** *Camellia sasanqua* SASANQUA CAMELLIA Tree. 6-14' tall and 5-7' wide. FS-PS. Zone 7-9.
3436 White or light pink flowers in Fall. Broadleaved evergreen. From hardier hybrids. Germ: CMS 30 days. Zone 7a *Silberstein*
- Cam0800** *Camellia sinensis* TEA PLANT Shrub. PtShade. 5 x 5'. Fall.
0199 White flowers with prominent yellow stamens. You can make real tea from the young shoots, but most people will just enjoy the scented white flowers of this small rounded shrub Sept-Nov. In fact, the origin of this plant was a tea experiment station in northern Japan. Germ: Seed has been refrigerated in moist peat. Sow immediately upon receipt. Should germinate soon in a warm location. Zone 7 *Cresson*
- Cam0900** *Camellia sinensis* var. *sinensis* 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*
- Cam1000** *Camellia* 'Survivor' FALL-BLOOMING CAMELLIA Shrub. 8 x 5'. Fall.
0199 White flowers with faint tint of pink on edges. One of the hardiest of fall blooming *C. oleifera* hybrids with compact midsize habit. Seedlings will vary. Zone 7 *Cresson*
- Cam1450** *Campanula alliaritifolia* IVORY BELLS BELLFLOWER Per. 18"-2'x 18". Summer. Full sun to partial shade. Zone 4.
0084 White flowers. Midsummer blooms. Graham Stuart Thomas said "a picture of poise and beauty." Germ: SS. Zone 6b *Bowditch*
- Cam1500** *Campanula americana* TALL BELLFLOWER Bien. 1-3 x 1'; from 3-5' in bloom. Summer.
9985 Lavender blue blooms. Self-sowing native biennial that provides color from June to August. Flowers are produced in succession higher up on each spike. Natural habitat is open woodlands. Attracts Bees and Butterflies. Not deer resistant. Germ: CMS: 30 d. NST. Zone 7a *Jenkins Arboretum*
- Cam3331** *Camellia japonica* 'Berenice Boddy' JAPANESE CAMELLIA Shrub. PtSun. 8-10 x 10'. Spring. Zone 7-9.
0199 Pink blooms. Shrub. PtSun/PtShade. 8-10 x 10'. Spring. 'Berenice Boddy' is one of the hardiest classic cultivars and one of the most used in breeding for hardiness. It is also long blooming, often as early as February into April, so these seedlings have excellent potential. Single, clear pink. Zone 7 *Cresson*
- 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. *Robinson*

Campylotropis - Capsicum

- 1585** Blue flowers. Upright plant. Blooms for several weeks starting in midsummer. *Scofield*
- Can7010** *Campylotropis macrocarpa* Shrub. Sun/PtShade. 4 x 3'. Summer.
0045 Soft blue/pink flowers in Sept-Oct on a 5 x 4' shrub. I've grown it in shade for the past 30 years. Not well known. Not difficult. Seems very hardy. Germ: L, NST. Germination time: a couple of months. 60 d. Zone 6b7a *Bartlett*
0592 Light purple blooms in 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. *Bartram's Garden*
- Can6200** *Canna warscewiczii* TenPer. Sun.
1277 Robust species canna. Attractive to hummers. Red/orange flowers. Zone 6a *Haas*
- Cap1000** *Capsicum annuum*, *Aleppo* ALEPPO PEPPER, TURKISH PEPPER An./TenPer. Sun. 24-48 x 24". Summer-Fall. Zone 9-11.
0043 White flowers not significant. Saved seed from plant. Used the pepper to dry and grind for "gourmet" pepper of exceptional flavor. 10,000 SHU Zone 6 *Biderman/Barron*
- Cap1120** *Capsicum annuum* 'Black Pearl' ORNAMENTAL PEPPER An. Sun. 12-20 x 12-18". Summer-Fall.
0269 A tender perennial grown as an annual for its nearly black leaves and bright red, round fruit. Great in containers. 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*
- Cap1300** *Capsicum annuum* 'Calico' ORNAMENTAL PEPPER An. Sun. 12-18 x 12-16".
0269 Tender perennial grown as an annual and ranging from 18-24" tall. Handsome foliage splashed with purple and white. Dark cone-shaped peppers mature to red. Handsome in containers. 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*
2517 Grown for foliage and fruit. Creamy white leaf variegation with purple tinges. Small black fruit on purple stems matures to red. Annual. Germ: NST. Zone 7 *Weaver*
- 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*
- Cap1700** *Capsicum annuum* 'Masquerade' ORNAMENTAL PEPPER An. Sun. 10-12". Summer/Fall.
2517 Tender annual with light green foliage and 2-2½" x 1/2" hot, tapering fruit changing from green to purple to red. 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*
3397 Dark black foliage with fruit that turns from purple to red. Germ: NST. W. Zone 6b *Egbertson*
- Cap2100** *Capsicum annuum* 'Purple Flash' ORNAMENTAL PEPPER An./TenPer. 18-24 x 18". Summer-Fall.
2515 Light purple blooms. This ornamental pepper has purple and white-splashed leaves. Peppers are edible and hot. Peppers turn from green to purple to red. Germ: Start 6-8 wk before transplanting, just like any other edible pepper. Zone 6 *Doblmaier*
- Cap2150** *Capsicum annuum* 'Red Missile' ORNAMENTAL PEPPER An. Full Sun-Partial Shade. 8-10" tall. Summer.
2517 White flowers. Light green foliage with upright red fruit shaped like missiles. Fruit is hot and turns downward when ripening. Germ: NST. Zone 7 *Weaver*

- Cap2250** *Capsicum annuum* 'Sedona Sun' ORNAMENTAL PEPPER An. Sun. 9-12 x 14-16". Summer-Fall.
2515 White flowers. Small peppers that are hot and change colors when mature to yellows and oranges. Germ: Start seed about 10 weeks before hardening off. Zone 6 *Doblmaier*
- Cap2800** *Capsicum annuum* var. *glabriusculum* TEXAS BIRD PEPPER
2515 White flowers. Ornamental hot pepper plant with tiny orange peppers in the autumn. Germ: BH, BC. Start seed about 10 weeks before hardening off. Zone 6 *Doblmaier*
- Cap3500** *Capsicum baccatum* 'Bishop's Crown' BISHOP'S CROWN PEPPER, CHRISTMAS BELL PEPPER An./TenPer. Sun. 48x 24". Summer-Fall
0043 Hysterical shaped pepper. Prolific. From Judi Mould at Devereux. Spicy and Hot! 5,000-30,000 SHU. Germ: NST Zone 6 *Biderman/Barron*
- Cap4000** *Capsicum chinense* 'Fatalli' HOT PEPPER TenPer. Sun. 18-24". Summer
3001 A medium hot to hot Habanero type, producing bright yellow, wrinkled, tear drop shaped fruit. Has the most flavor and aroma (of citrus) of the Habaneros. Can be halved, seeded, and frozen. Use judiciously. A third to a half of a pepper adds flavor to soups and stews without being too hot to taste the food. Germ: BH, Start early--needs 110-120 d to maturity. Zone 7 *Gregg*
- Car0120** *Cardiocrinum cordatum* Bulb. PtShade. 3-4'. Late Summer.
1017 Attractive foliage emerges early. Lily beetles like it. 3-4' bloom stalk with large fragrant flower spikes. Has survived in my garden 4 years so apparently more perennial than other species. Zone 5b *Whitesell*
- 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. *Bartram's Garden*
- Car2020** *Carex cherokeensis* CHEROKEE SEDGE Per. FS/PS. 0.5-1' x 0.5-1'. Zone 6-9.
9968 The 12-18" tall sedge will grow in medium to wet soils in full sun to part shade. Slow-spreading clumps of fine foliage offer flowers, if insignificant, in spring. Germ: Surface sow seed into 38 cell trays and cover with 1/16-1/8" grit. Stratify at 35 degrees F for a minimum of 30 days. Bring stratified seed into 70 F greenhouse and germination should occur within 10-14 days. Zone 7a *Roper*
- 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*
- Car2500** *Carex muskingumensis* PALM SEDGE Sedge/Grass. Sun/PtShade. 2½ x 1½'. Summer.
2429 Germ: NST Zone 6 *Bricker*
- Car2650** *Carex scaposa* CHINESE PINK FAIRY SEDGE Per. PtShade. 12 x 12". Summer/Fall.
0199 A truly "flowering" sedge. Plumes of pink flowers stand above clumps of wide green leaves in midsummer and again in September. Even attracts honey bees. Woodland with moderately moist soil. From China and northern Vietnam. Zone 7 *Cresson*
- Car3500** *Caryopteris divaricata* BLUE MIST SHRUB Per. Sun/PtShade. 3-6 x 5'. Fall.
1224 Blue flowers. Germ: W; BC. Zone 5 *Lockhart*
- 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*
- Cel0100** *Celastrus scandens* AMERICAN BITTERSWEET PerVine. Sun. 15-20 x 3-6'. Spring. Zone 3-8.
3561 Twining vine for a large pergola, scarlet fruit fall-winter. Far less vigorous than Oriental bittersweet, with larger fruit. Germ: CMS: 90-140 days. *Gorman*

Centaurea - Chelone

- Cen2150** *Centaurea macrocephala* GIANT KNAPWEED Per. Sun. 4-5 x 3'. Summer.
1918 Yellow flowers. This perennial basket flower has fluffy, yellow blooms on upright stems in June. I grow this in my gravel garden with no additional watering. Needs sun and good drainage. Germ: NST. SIS. *Carey*
- Cen5700** *Centratherum punctatum* BRAZILIAN BACHELOR'S BUTTON, BRAZILIAN 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 7 *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 6 *Doering*
1277 White blooms on shrub. Loves sunny wet areas but takes some shade. Germ: CMS: 90 d. Zone 6a *Haas*
9985 White flowers. Germ: W, NST. Zone 7a *Jenkins Arboretum*
- Cep1250** *Cephalaria gigantea* GIANT YELLOW SCABIOSA Per. Sun/PtShade. 3 x 3'; to 7' in bloom. Summer.
3666 Pale yellow flowers. Germ: CMS. Zone 5 *McGowan*
- Cer1300** *Ceratotheca triloba* SOUTH AFRICAN FOXGLOVE An. Sun. 4-6 x 2½'. Summer-Fall.
0496 Annual, sun, 4-6ft. Summer/fall blooming, white. For the "foxglove look" when the *Digitalis* season is over. *Kirkby*
0592 Pink trumpets, handsome foliage, very quick to bloom from seed. Zone 6 *Malocsay*
- Cer1310** *Ceratotheca triloba* 'Alba' AFRICAN FOXGLOVE, SOUTH AFRICAN FOXGLOVE An. Sun. 15-18". Summer.
2515 Beautiful white flowers that resemble foxglove flowers. Even though I have saved the seeds of the white-flowered *Ceratotheca*, sometimes they revert back to the purple-flowered form. Germ: BH; NST. Zone 6 *Doblmaier*
- Cer2050** *Cercis canadensis* EASTERN REDBUD, JUDAS TREE Tree. Sun/PtShade. 30 x 30'. Spring. Zone 4-8.
1228 Magenta-pink flowers. Uses: Medicinal and edible flower. Bees and Butterflies like it. Understory tree. Germ: Scfy; WMS. *Labash*
1277 Pink-lavender flowers. Germ: 24 hr soak. CMS 3 mo. Zone 6a *Haas*
1607 Bright pink flowers. Germ: CMS 60 days; Scfy; W; Refrigerate seed packet until sowing. Zone 7a *Jellinek*
1939 Magenta flowers. Blooms before its heart-shaped leaves open. 35'. Germ: CMS 3 months, then WMS; BH; or NST, SIS; SR. Zone 6b *Urffer*
3540 Pink blooms. Germ: CMS: 60 d, Scfy, SR. Zone 7 *Rifici*
- Ces2000** *Cestrum species* ORANGE PEEL CESTRUM
0045 Pale yellow flowers compliments the green foliage. A tender plant here. This, from an earlier HPS Seed Ex., is very pleasant on the patio. Easy to grow. Plant in a 12" or larger pot and bring in in winter. Germ: NST. Zone 6b7a *Bartlett*
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*
- Cha0640** *Chamaecrista fasciculata* PARTRIDGE PEA An. Sun. 1-3 x 1-3'. Summer
3540 Zone 7 *Rifici*
- Cha1050** *Chasmanthum latifolium* NORTHERN SEA OATS PerGrass. Sun/PtShade. 3 x 2'. Summer/Fall.
0496 Native perennial, grass, sun/part shade. 3ft x 2 ft. Summer, fall. Flower arrangers delight in these dangly earring additions which lend delicate movement to bouquets and arrangements. Although some say it is too aggressive in their garden, take advantage of it as a cut both for fresh and for drying in the green and golden tawny stages and there will be fewer volunteers. Shady edge of woods plantings provide seed for wild turkeys. Easy for beginning gardeners. I would prefer to see this native instead of Stilt Grass in areas unmowed. *Kirkby*
1181 2-3' tall, 1-2' wide. Ornamental grass. Terminal clusters of drooping seed heads. Excellent texture and contrast in native border. Germ: NST. *Cyphers*
- Che2000** *Chelone glabra* TURTLEHEAD Per. PtShade. 2-3 x 2'. Summer-Fall.
0318 Pink flowers. Likes moisture. Will self-sow if happy. *Garnett*

- Che2300** *Chelone lyonii* 'Hot Lips' TURTLEHEAD Per. Sun/PtShade. 3-4 x 2'. Late Summer-Fall.
1181 Rose pink flowers. 2-4' tall and 1-2' wide. Prefers moist soil. Allow to naturalize or plant in a rain garden. Tolerates deer and wet soil. Germ: NST. *Cyphers*
- Chi0750** *Chimonanthus praecox* WINTERSWEET, JAPANESE ALL-SPICE Shrub. Sun/PtShade. 10-15 x 8-12'. Winter.
0199 Pale yellow flowers. Very fragrant pale-yellow flowers with red highlights during winter's warm spells. Flowers are remarkably frost tolerant. Tough and drought tolerant. From the Morris Arboretum's wild collection in Shaanxi Province, China in 1995. Indispensable in the winter garden! Zone 7 *Cresson*
0522 Germ: SR. *Kushner*
- Chi1220** *Chionanthus virginicus* FRINGE TREE, OLD MAN'S BEARD Tree. Sun/PtShade. 10 x 10'. Spring.
0045 White blooms on a southeast PA native. One of our best native flowering trees. Difficult to sprout, easy to grow. Germ: Cycle; OW; 2 yr. Seed is hard coated, probably needs time to grow. Sow with plenty of grit. Zone 6b7a *Bartlett*
- Chl0050** *Chloris cucullata* HOODED WINDMILL GRASS Per. Sun/PtSun. 1-2'. Southern U.S. native.
0032 *Plant Delights*
- Chl0500** *Chlorophytum boukeri* AFRICAN SNAKE LILY Per. PtShade/Shade.
0032 *Plant Delights*
- Chr0800** *Chrysanthemum indicum* Per. Sun. 2'. Summer-Fall. Zone 5-9.
2937-A Mixed blooms. Will hopefully include a mix of colors and petal shapes, all on shorter to medium height plants. Zone 6a *Bittmann*
- 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*
- Cle0850** *Clematis campaniflora* Vine. Sun. 6-20'. Summer.
0199 White flowers, tinted pale lilac. Masses of small viticella-like flowers in June and July. Zone 7 *Cresson*
- Cle2200** *Clematis crispa* MARSH CLEMATIS, BLUE JASMINE Vine. Sun/PtShade. 6-8+ x 3'. Summer.
2137 Flowers are blue-purple with white interior. Native Clematis from the Eastern US. Compact plant blooms throughout the summer with bell shaped flowers. Germ: Cycle: Alternate cold and warm periods for 90 days. May need to repeat cycles - germination may be prolonged. Zone 6b *Boylan*
- Cle3620** *Clematis hericifolia* 'China Purple' BUSH CLEMATIS Per. 3'-4'x2'-3'. Full sun-partial shade. Summer. Zone 3-9.
3001 Purple flowers. More attractive than the species. New growth can have purple stems and petioles, blossoms an attractive medium purple. To 3x4'. Germ: CMS: 2-3 months. Zone 7 *Gregg*
- Cle3830** *Clematis hexapetala* 'Mongolian Snowflakes' MONGOLIAN SNOWFLAKES SIX-PETALED BUSH CLEMATIS Per. Sun.
18". Zone 4a-7b.
0032 *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*
- Cle4450** *Clematis* 'Lemon Beauty' Vine. Sun/PtShade. Spring.
0199 Yellow blooms. Hybrid related to ~*C. alpina*~ with large early light lemon yellow flowers in April/May. Zone 7 *Cresson*
- 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*
- Cle5350** *Clematis pitcheri* LEATHERFLOWER, BLUEBELL Vine. PtShade. 10'. Summer.
0269 Purple flowers. A native, 10' tall vine that climbs by twining leaf stalks. Nodding, urn-shaped 1" flowers with recurved tips appear in summer. Fairly drought tolerant. Dies to the ground in winter. Can climb over shrubs. Germ: CMS 60-90 days or OW. Be patient - wait for germination. Zone 7 *Ellis*
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*

Clematis - Codonopsis

- 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. *Kushner*
1277 Zone 6a *Haas*
- Cle6100** *Clematis terniflora* SWEET AUTUMN CLEMATIS Vine. Sun. 12-15'. Fall.
1228 White flowers. Cut flower. Pruning group 1. Germ: WMS. *Labash*
- Cle6150** *Clematis texensis* SCARLET CLEMATIS, TEXAS CLEMATIS Vine. Sun/PtShade. Summer-Fall. 15 x 1½'. Summer.
0269 Red blooms with creamy yellow inside. A showy summer-blooming species, ~*C. texensis*~ dies to the ground in winter, but has been reliably perennial in Zone 7. I grew my plants from HPS/MAG Seed Exchange seed from Charles Cresson's garden. The flowers are jug-shaped with four petal-like sepals and about 1" long. Leaves are pinnate with oval leaflets. Vines climb to about 9' and cling by twining leafstalks. Germ: OW, SIS. 365 d. Patience is required for germination. Sow seed in pots and mulch with fine gravel. Then leave the pots in a protected spot outdoors. Water as necessary, and be prepared to wait 1-2 yr for germination. This plant is worth the wait! Zone 7 *Ellis*
1607 Rosy red, bell-shaped flowers of thick substance on a 6-10' vine. Blooms June-September. My plant from the 2003-04 Seed Exchange. One of my favorites. Zone 7a *Jellinek*
- Cle6480** *Clematis versicolor* PALE LEATHERFLOWER CLEMATIS Per. 6'-16'. Full sun-partial shade. Late Spring. Zone 5-9.
2137 Pale lavender flowers. Glauous 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 vinacea* 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*
- Cle6500** *Clematis vitoria* VASEVINE PerVine. Shade/PtShade. 6-12'. Summer. Zone 4-8.
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*
- Cle7300** *Cleome bassleriana* 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 6 *Doering*
1020 Pink flowers. Zone 7 *Wiedorn*
- Cle8500** *Clerodendron trichotomum* HARLEQUIN GLORY BOWER Shrub. Sun/PtShade. 10 x 10'. Summer. Zone 7-10.
0118 Cymes of fragrant white flowers with prominent stamens in late summer, followed by magenta seedpods opening to expose metallic blue berries. Germ: CMS, 4wk; BC; C, 3mo. Zone 5a *Stonecrop Gardens*
- Cle9250** *Clethra alnifolia* 'Ruby Spice' SUMMERSWEET, SWEET PEPPERBUSH Shrub. PtShade. 4-6' x 3-5'. Summer-Fall. Zone 4-8.
1277 Pink flowers. Zone 6a *Haas*
- Cli3650** *Clitoria ternatea* 'Flore Plena' BUTTERFLY PEA Annual Vine. Full Sun. Summer. 10'-15' long.
0965 Brilliant deep blue flowers. From HPS Seed Exchange 2020-21. Germ: BH. Zone 7a *Umpbrey*
- Cod2010** *Codonopsis lanceolata* POOR MAN'S GINSENG, BONNET BELLFLOWER PerVine. Sun/PtShade. 3-8'. Late Summer-Fall.
0199 Green, spotted with maroon inside. Twining vine that thrives in our hot summers; perennial that dies to ground in winter. Resembles the cup and saucer vine, but hardy. Korean form. My plant from wild collection on Ullung Island, Korea. Zone 7 *Cresson*
0592 May be seen as subtle to a fault but I give it room to please the nectarists. The various bees value it highly. Hummingbirds contest it fiercely. Zone 6 *Malocsay*

- 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 6 *Doering*
- Col1200** *Colchicum spectosum* NAKED LADIES Bulb. Sun/PtShade. 6-12 x 18"; 3-6" in bloom. Fall. Zone 5-11.
0199 Large satiny pink crocus-like flowers with pointed petals and a white central zone in mid to late September. Zone 7 *Cresson*
- Col1400** *Collinsonia canadensis* HORSEBALM Per. PtShade. 2-4 x 1-3'. Late Summer. Zone 4-8.
0032 Germ: CMS, Cycle. BC, NST. *Plant Delights*
2515 Light yellow flowers. Bloomed the first year from seed. Likes a moist, shadier site. Germ: NST. Zone 6 *Doblmaier*
- Col1570** *Collinsonia punctata* BLUE RIDGE HORSEBALM Per. PtShade/Shade.
0032 Source: Doug Walker. Washington Co, GA *Plant Delights*
- Col1580** *Collinsonia verticillata* WHORLED HORSEBALM Per. PtShade. Southeastern U.S. native.
0032 *Plant Delights*
- Con0700** *Conoclinium coelestinum* BLUE MISTFLOWER Per. Sun/PtShade. 24-36 x 6". Midsummer-Fall. Zone 5-8.
1580 Violet blue flowers. Sun to part shade. Grows to 3' tall. Seeds around. Germ: SS; SIS. Zone 6-7 *Romenesko*
1918 Blue-periwinkle flowers. This native resembles an *Ageratum*. It is perennial and will spread by seed and rhizomes - sometimes aggressively. Perfect for a wild area where it attracts butterflies and bees and birds. Germ: NST. SIS. *Carey*
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*
- 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 6 *Doering*
0522-A Mixed Colors *Kushner*
- Con1100** *Consolida ajacis* (blue) LARKSPUR An. Sun. 4 x 1'. Late Spring-Summer.
0043 Dark blue flower. Annual that will seed around. Great summer color. Germ: OW, RTp-but can done early. Zone 6 *Biderman/Barron*
1607 Blue flowers on 4' plants in early summer. Sow in situ late winter. Germ: SIS. Zone 7a *Jellinek*
2621 Clear blue flowers. Dislike the heat. Nice companion to ~*Ammi majus*~. Germ: CMS 30 d, C, NST. Can scatter direct 2 wk before last frost. Zone 6 *Nachlas*
- Con1120** *Consolida ajacis* (lavender blooms) GIANT LARKSPUR Annual. Full sun. 2-4' tall. Summer.
0522 Lavender flowers. *Kushner*
- Con1180** *Consolida ajacis* (purple blooms) GIANT LARKSPUR Annual. Full Sun. 2-4' tall. Summer.
0522 Purple blooms. *Kushner*
- Con1200** *Consolida ajacis* (white) LARKSPUR An. Sun. 4 x 1'. Late Spring-Summer.
0043 White flowers with blue edges. Sweet color when grown in s stand. Will seed around Germ: OW, NST, RTp(unless done when plants are small. Zone 6 *Biderman/Barron*
- Cor1200** *Coreopsis gladiata* COASTAL PLAIN TICKSEED Per. Sun. 1-2'. Fall. Coastal plain native from NC to TX. Zone 7b-10b.
0032 *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. *Kushner*

Cornus - Cynoglossum

- Cor2750** *Cornus florida* FLOWERING DOGWOOD Tree/Shrub. Sun/PtShade. Spring.
1277 White flowers. Germ: CMS 3mo. Pot up seeds and OW. Zone 6a Haas
- Cor2780** *Cornus florida* 'Cherokee Chief' FLOWERING DOGWOOD Tree/Shrub. Sun/PtShade. Spring.
1277 Reddish pink flowers. Germ: CMS 3mo. Pot up seeds and OW. Zone 6a Haas
- Cor2850** *Cornus kousa* CHINESE DOGWOOD, KOUSA DOGWOOD Tree. Sun. 20-30 x 20'. Spring.
1277 White flowers. Germ: CMS 3 mo. Zone 6a Haas
- Cos1400** *Cosmos bipinnatus* COSMOS An. Sun. 3-4'. Summer.
1537 Early Sensation Single Mix- pink, white and red flowers. Grows 12-24" tall. Germ: Plant seeds outdoors after last frost. Cover seeds ¼ inch, don't need light to germinate. Germination ranges from 3 days to 2 weeks, with no pre-treatment required. Best to sow in situ. Zone 7a Happel
- Cos2500** *Cosmos sulphureus* YELLOW COSMOS An. Sun. 4 x 1½'. Summer-Fall.
0475 Clear, glowing orange flowers. 2-6' tall. She lights up my garden and my life! Easy. Germ: NST. SIS. Zone 5 Kaplan
0496 Annual, sun 4-5ft x 2 1/2ft. Cheerful sunny flowers, these bright golden yellow blooms are absolutely buzzing with bees. The kid in me still loves how the ripe seed opens wide into a starry cluster that just begs to be collected and shared. Kirkby
0797 Orange flowers. Very free flowering. More delicate than the usual white and pink ~C. bipinnatus~. Germ: NST; L; W. Robinson
0965 Yellow flowers. A clear golden-yellow form of the species. 3-4' tall. Germ: NST. Zone 7a Umphrey
- Cos2600** *Cosmos sulphureus* 'Cosmic Orange' An. Sun. 2-3 x 2-3'. Summer-Fall.
0627 Bright yellow-orange flowers. Self-sows. McShane
- Cos2830** *Cosmos sulphureus* 'Mona's Orange' An. Sun. Summer-Fall.
0965 Orange flowers. A particularly tall form, growing strongly to 6'. Reseeding annual. Germ: NST. Zone 7a Umphrey
- Cot0500** *Cotinus coggygria* 'Velvet Cloak' PURPLE SMOKETREE Shrub. Sun. 10-15 x 10-15'. Summer.
1277 Smokey pink flowers. Seedlings usually have purplish foliage, and fall foliage is gorgeous. Zone 6a Haas
- 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
- Cur1000** *Cucurbita maxima* 'North Georgia Candy Roaster' WINTER SQUASH AnVine. Sun/PtSun. 15' long. Summer.
0199 Yellow flowers. This winter squash bears large fat crescent shaped fruit 18" in length. A long-keeping squash with sweet flesh that's great for baking, roasting and soups. The prolific vine is a far-reaching Rambler well worth the space. An old variety originating with the Cherokee Tribe. Zone 7 Cresson
- Cyc0700** *Cyclamen coum* (mixed forms)
0045 Pink to white blooms. A wonderful plant for late winter, flowering February-April. Plant where you can see them. They may naturalize. Super foliage. Probably at least 5A hardy. Does not like wet feet. Germ: Wash seed, soak overnight. Give complete darkness at 59-60 degrees for 28 days. Then uncover. Transplant at one year. Zone 6b7a Bartlett
- Cyc1700** *Cyclamen bederifolium* 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
- Cyc2250** *Cyclamen mtrabile* HARDY CYCLAMEN Per. PtShade. 3". Fall. Zone 6a-8b.
0965 Pale pink blooms. Needs more sun and drier conditions than most hardy cyclamen. I have mine growing in the cracks between pavers around a pool. Blooms like crazy in late summer into the fall. No supplemental water is required in most seasons. Germ: Soak. C, D. 180 d. Zone 7a Umphrey
- Cyn0215** *Cynoglossum amabile* 'Mystery Rose' CHINESE FORGET-ME-NOT An. Sun/PtShade. 9-12". Spring-Summer.
0797 Pink, rose blooms. Robinson

- Cyn0250** *Cynara cardunculus* CARDOON, ARTICHOKE THISTLE Per. Sun. 5 x 4'. Summer/Fall. Zone 7b+.
0965 Purple-lavender flowers. Striking foliage plant with jagged grey leaves remaining effective thru mild winters. Artichoke-like flowers are big and fun, but nothing as grand as the leaves. Germ: Soak seeds until swollen; BH. Zone 7a *Umpbrey*
- Cyn0300** *Cynara cardunculus* f. *scolymus* 'Tavor' TAVOR GLOBE ARTICHOKE An/Bien. Sun. 3-4' x 3'.
0032 *Plant Delights*
- Cyp1900** *Cyperus involucratus* 'Baby Tut' UMBRELLA PLANT, UMBRELLA PAPYRUS, UMBRELLA PALM TenPer. Sun/PtShade. 18-24".
0065 Not hardy, but occasionally lives over. Germ: W; NST. *Berger*
2515 Wonderful Cyperus for added interest in a container. Smaller than other Cyperus. Germ: NST. Zone 6 *Doblmaier*
- Dal1070** *Dalea purpurea* PURPLE PRAIRIE CLOVER Per. Sun. 1-3' x x 1-1.5'. Summer. Zone 3-8.
0032 *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. *Kushner*
- Dap2400** *Daphne mezereum* f. *alba* FEBRUARY DAPHNE Shrub. Sun/PtShade. 4 x 3'. Winter-Spring.
1277 Zone 6a *Haas*
- Dat3150** *Datura metel* 'Black Currant Swirl' DEVIL'S TRUMPET TenPer. Sun/PtSun. 4-6' x 2-3'. Summer to fall. Zone 9a-11.
1277 Fragrant, trumpet-shaped, purple-swirled white blooms. Zone 6a *Haas*
2515 Very dramatic purple and white flowers. Zone 6 *Doblmaier*
- Dia0400** *Dianthus barbatus* SWEET WILLIAM Bien. Sun. 1-2 x 2'. Late Spring-Summer.
1277 Mixed colors. Biennial, 12". Zone 6a *Haas*
1537 Double Imperial Mixed Colors- pink, red, and white flowers all possible in this mix, 12-18 in. (30-45 cm). Germ: Direct sow outdoors in fall or spring after last frost, or indoors to transplant. Easy in situ. Zone 7a *Happel*
- Dia4650** *Dianthus japonicus* Bien. Sun. 8-10". Spring-Summer.
0592 Does well in Pittsburgh in lean dry shade of Buddleia. Zone 6 *Malocsay*
- Dia4690** *Dianthus knappii* WILD PINK, YELLOW CARNATION Per. Sun/PtShade. 12-18". Midsummer/Early Fall. Zone 3-9.
0592 Sporadic small single blooms, quietly pretty, with minute detail best seen picked. As with many non-mat dianthus, its laggard fragility is provoking. I scatter seed in support of perennial uncertainty. Zone 6 *Malocsay*
- Dia5350** *Dianthus plumarius* 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*
- Dia5900** *Dianthus* 'Rainbow Loveliness' Per. Sun. 2 x 2'. Summer.
0592 1' bloomstalks above 4-6" foliage. From HPS some years back, said to be a favorite of Christopher Lloyd. Mine prefers pink/purple flowers, not much white. Greatly improved by dead-heading, which prompts new bloom at times till season's end. Spring's full flush looks good from a distance; later best close-up, picked. Zone 6 *Malocsay*
- Dia6700** *Dianthus superbus* var. *longicalycinus* SUPERB PINK Per. Sun/PtShade. 6-12 x 9-12". Summer. Zone 3-9.
1607 Purplish pink blooms. Drought tolerant 18" plants have flowers with fringed petals. Blooms August to frost. My plants were grown from seed I received in the 2012-13 HPS Seed Exchange. Zone 7a *Jellinek*
- 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. *Robinson*
- Dic5020** *Dictamnus albus* var. *purpureus* GASPLANT Per. Sun/PtShade. 2-3 x 2½'. Late Spring-Summer.
1228 *Labash*
- Dig1090** *Digitalis ferruginea* 'Gelber Herold' COPPER FOXGLOVE, RUSTY FOXGLOVE Bien./Per. Sun/PtShade. 1 x 1½'; to 2' in bloom. Summer.
1224 Rusty yellow flowers. Germ: NST. Zone 5 *Lockhart*

Digitalis - Echeandia

- 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*
0590 Pale yellow blooms. Zone 7a *Mabony*
0797 Germ: BC; SIS. *Robinson*
1277 Pale yellow flowers. Nice foliage. A good plant and a reliable perennial. Zone 6a *Haas*
- Dig3020** *Digitalis lamarkckii* Per. PtShade. 3'.
0592 No shy foxglove this--the full candelabra, sideshoot-willing too. Some wild bee is nuts for it. Bloom akin to ~D. lanata~ but showier. Self-sowing welcome since it is most often biennial. Germ: NST. Zone 6 *Malocsay*
- Dig3500** *Digitalis lutea* STRAW FOXGLOVE Per. PtShade. 6-12" x 12"; from 1-2' in bloom. Late Spring-Summer. Zone 3-9.
0043 Creamy white small bells. Just one of the most polite, dainty digitalis in our garden. A nice break from color chaos. Seeds around. We move plants to where we want them in the spring. Germ: NST Zone 6 *Biderman/Barron*
0118 Creamy Yellow blooms. Perennial to 2½'. This native plant of southern Europe and North Africa readily makes itself at home in a garden. In early summer, the small, creamy yellow flowers crowd one side of their tall, slender stalks. A good, long-bloomer with glossy, dark green foliage. Readily self-sows. Sun/partial shade. Germ: CMS: 50 d, W, SS, SIS. Zone 5a *Stonecrop Gardens*
0797 Yellow flowers. Germ: BC; SIS. *Robinson*
3666 Yellow flowers. Germ: CMS. Zone 5 *McGowan*
- Dig3750** *Digitalis x mertonensis* STRAWBERRY FOXGLOVE PtShade. 8 x 12-18"; from 1-3' in bloom. Spring-Summer.
2937 This foxglove has been a reliable perennial for me in a relatively dry and mostly sunny location. Nice flower spikes, kind of an apricot-purplish color. Zone 6a *Bittmann*
- Dig4050** *Digitalis purpurea* FOXGLOVE Bien./Per. PtShade. 2 x 2'; from 4-6' in bloom. Early Summer.
1607 Rosy purple flowers. Zone 7a *Jellinek*
- Dig4150** *Digitalis purpurea* 'Alba' WHITE FOXGLOVE Bien./Per. Sun/PtShade. 2 x 2'; from 3-6' in bloom. Summer.
0797 Germ: BC; SIS. *Robinson*
- Dig6050** *Digitalis thapsi* SPANISH FOXGLOVE Per. Sun/PtShade. 8-12 x 8-12; to 30" in bloom. Spring.
0199 Pink flowers. A smaller, bushier, more perennial version of the common foxglove. Zone 7 *Cresson*
- Dio3500** *Diospyros virginiana* AMERICAN PERSIMMON Tree. Sun/PtShade. 60 x 25'. Spring.
1228 Uses: Culinary and cut flower. Great plant for wildlife. Germ: CMS: 3 months, then WMS. *Labash*
2429 Zone 6 *Bricker*
- Dip1050** *Dipsacus fullonum* TEASEL Bien. Sun/PtShade. 4-6' x 1-2'. Summer-Fall. Zone 3-8.
0797 Buff-colored flowers. *Robinson*
3321 Green blooms with lilac bands. Zone 6 *Perron*
- Dis6550** *Disporum longistylum* 'Green Giant' GREEN GIANT FAIRY BELLS Per. PtShade/Shade. 4-6' x 3-4'. Zone 7a-9b.
0032 *Plant Delights*
- Dis6650** *Disporum uniflorum* FAIRY BELLS Per. PtShade. 18 x 12". Spring. Zone 4-9.
0199 Chinese/Korean woodlander bearing yellow bells in May. 2' stems stand all summer, ending in yellow fall color. Self sterile so grow several seedlings together to get blue fruit. These were hand-pollinated between 2 clones. Zone 7 *Cresson*
0951 Yellow flowers. Tough, long-lived, early blooming perennial. *Tracey*
- Dod1110** *Dodecatheon meadia* SHOOTING STAR Per. Sun/PtShade. 6 x 10"; from 16-24" in bloom. Spring.
0045 Native Primula, not the easiest to germinate, but tough and long living in the garden. Pink on white strongly reflexed flowers grow 12-20" tall. Very hardy. Sow and grow as a Primula. Easy once established. Zone 6b7a *Bartlett*
- 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. *Plant Delights*

- Ech0250** *Echinacea purpurea* PURPLE CONEFLOWER Per. Sun. 4 x 1'. Summer-Fall.
1020 Mauve-pink flowers. Zone 7 *Wiedorn*
1181 Purple flowers. 3-4' tall and 2' wide. Low maintenance perennial that attracts butterflies and the birds enjoy the seed heads. Germ: NST. *Cyphers*
1277 Mauve pink. Attracts droves of butterflies. Zone 6a *Haas*
- Ech3250** *Echinops ritro* GLOBE THISTLE Per. Sun. 2-4 x 1-3'. Summer, reblooms. Zone 3-9.
0926 Steel blue flowers. Taller 3-4'. Good back-of-the-border plant. Not as ferocious as most thistles. Flowers dry well. Self-sows. Germ: NST. *Streeter*
- Ele0750** *Elephantopus species* ELEPHANT'S FOOT TenPer.
9985 Zone 7a *Jenkins Arboretum*
- Els1050** *Elsboltzia 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 6 *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.
0590 Red flowers. From HPS 2020-21 Seed Exchange. Zone 7a *Mahony*
0592 Red. Easy. Early transplants can self-sow later flush of bloom. Charms me into serious lapse of tidytude; but can be cut back to favor fresh new growth, less rowdiness. Picks well. Germ: NST Zone 6 *Malocsay*
- Eng0500** *Engelmannia peristenia* ENGLEMAN'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*
- Eng1000** *Engelmannia peristenia* 'Bergheim' ENGLEMAN'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. *Plant Delights*
- Enk1100** *Enkianthus campanulatus* REDVEIN ENKIANTHUS, FURIN-TSUTSUJI Shrub. Sun/PtShade. 6-10 x 4-6'. Late Spring. Zone 4-7.
1939 Blooms bell-shaped cream with a red vein, red wine-colored seed covers in the fall. An ericaceous shrub. Nice red fall color. Wyman says "A good acid loving plant, not used enough in gardens." Germ: BH; R; Soak; CMS. Zone 6b *Urffer*
- Enn1000** *Ennealophus euryandrus* ARGENTINE BLUE EURYANDRUS IRIS TenBulb. PtShade. 12 x 15". Spring-Summer.
0522 Blue flowers. No words can fully describe this charming iris that blooms for months in the rock garden. See Plant Delights' catalog for more details. *Kushner*
- Ere3750** *Eremurus species* Per. Sun. 15 x 15"; to 7' in bloom. Summer.
1939 Lemon yellow flowers. Germ: NST; SIS. Zone 6b *Urffer*
- Ero1000** *Erodium species* HERON'S BILL, FILAREE An. Sun.
0592 Chance nursery find I'm treating as a tender pot plant. Low-spreading, hairy foliage nice after spring bloom. Self-sows freely. I pot one in fall since it's not hardy here. Germ: NST. Zone 6 *Malocsay*
- Eru0100** *Eruca vesicaria* subsp. *sativa* ARUGULA, ROCKET, ROQUETTE An. Sun. 3'; Spring.
2621 'Ice-Bred'. Turns purple when it freezes. Young leaves best for eating. Covered with beautiful antique cream-colored blooms in spring. Germ: Direct seed spring to fall. Zone 6 *Nachlas*
- Ery0050** *Eryngium agavifolium* SEA HOLLY Per. Sun. 1 x 1-2; to 5' in bloom. Summer.
0199 Greenish white blooms. Dramatic perennial for its basal spiny-edged sword-shaped leaves and 3-5' flower spikes. Zone 7 *Cresson*
- Ery0370** *Eryngium aquaticum* var. *ravelellii* Per. Sun/Pt.Sun. 30". Late summer. Zone 4-8.
0032 Branched antennae-like clusters of blue fuzzy ball flower heads. *Plant Delights*
- 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*

Eryngium - Eutrochium

- 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. *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. *Robinson*
- Ery5250** *Eryngium yuccifolium* RATTLESNAKE MASTER Per. Sun. 4 x 2'. Summer/Fall.
1918 North American native that flowers in summer. Spherical flowers are held on upright stems above gray-green leaves. Attracts native bees. Good in arrangements. No irrigation needed. Germ: NST. SIS. *Carey*
2515 White blooms. Architectural plant for the wetter areas of the garden. Zone 6 *Doblmaier*
- 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. *Plant Delights*
- Euo1050** *Euonymus americanus* HEARTS A BUSTIN', AMERICAN STRAWBERRY BUSH Shrub. PtShade. 4-6' x 4-5'. Spring. Zone 6-9.
0045 Pink flowers. Grown for decorative seed heads in autumn. Zone 6b7a *Bartlett*
0199 Small, inconspicuous, greenish yellow flowers followed by strawberry-like fruit that splits open to show 4 or 5 red-orange seeds framed by the scarlet husk. Native understory plant. Zone 7 *Cresson*
9985 Fall seed pods are most decorative. Flowers are insignificant. Native. Germ: Clean carefully as berry has chemical inhibitor. Soak and rinse for several days and rub clean. 2 year cycle or WCW (90 days each). These seeds have been warm stratified and are ready for cold cycle. Zone 7a *Jenkins Arboretum*
- Euo1280** *Euonymus atropurpureus* WAHOO, BURNING BUSH Shrub. Sun/PtShade. 4-6'. Summer.
9985 Zone 7a *Jenkins Arboretum*
- 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*
- Eup6900** *Euphorbia marginata* SNOW-ON-THE-MOUNTAIN An. Sun/PtShade. 3'. Summer-Fall.
0592 White flowers with foliage edged white. Adds later summer freshness, good background. Self-sows in Pittsburgh. Transplants readily. Germ: NST. Zone 6 *Malocsay*
2621 White flowers. Bright white margins. Medium soil. Deer resistant. Sap may irritate. Germ: W. NST. Germination erratic. Prolific self seeder. Zone 6 *Nachlas*
- 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. *Kushner*
- Eus1100** *Eustoma exaltatum ssp. russellianum* TEXAS BLUEBELLS Per. Sun/PtSun. 1-3'.
0032 *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 7 *Creveling*
1181 Pink flowers. 5-7' tall and 2-4' wide. Low maintenance, herbaceous perennial that attracts butterflies. Germ: NST. *Cyphers*
- Eut0555** *Eutrochium purpureum* 'Bartered Bride' JOY-PYE WEED Per. 6'-10'. Full sun-partial shade. Summer. Zone 3-9.
0200 White flowers. Zone 7 *Creveling*

- Exb1000 *Exbucklandia longipetala* 'Kunming Champion' Tree.
0032 *Plant Delights*
- Exo2200 *Exochorda giraldii* var. *wilsonii* WILSON'S PEARLBUSH, REDBUD PEARLBUSH Shrub. 8-10' x 8-10'. Full sun to part shade. Spring. Zone 6-9b.
3666 White flowers. Germ: CMS. Zone 5 *McGowan*
- Exo2260 *Exochorda x macrantha* 'The Bride' PEARLBUSH Shrub. Sun/PtShade. 6 x 10'. Late Spring-Early Summer.
0627 *McShane*
- Fag1000 *Fagus grandifolia* AMERICAN BEECH Tree. Sun. 50-70 x 50-70'. Spring.
0522 Native to the eastern US. *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. *McShane*
- Fat1050 *Fatsia japonica* Shrub. Sun/PtShade. 12 x 12'. Fall.
0199 Creamy white flowers in large, ivylike inflorescence in early-mid November. Large, dark evergreen leaves. Black fruit after a mild winter. Tolerates dry shade, prefers protection. Rated hardy in Zone 7b, but often bloomed in protected corner against house over 20 yrs. Zone 7 *Cresson*
- Fat1070 *Fatsia japonica* 'Moseri' MOSER'S JAPANESE ARALIA Shrub. Shade/PtShade. 5-12' x 5-12'. Zone 8-10.
0032 *Plant Delights*
- Fat1100 *Fatsia japonica* 'Spider's Web' JAPANESE ARALIA Shrub. PtSun/Shade. 4-5' x 3-4'. Zone 7b-10b.
0032 Germ: OW, W, BC, SS, NST. *Plant Delights*
- Fer2150 *Ferula communis* ssp. *glauca* GIANT FENNEL Bien. Sun. 6' x 3-4'. Zone 7-9.
0032 *Plant Delights*
- Fic1000 *Ficus gasparriniana* var. *laceratifolia*
3436 Part sun, Hardy in 7-B. Have not tried this outdoors. Germ: NST. Zone 7a *Silberstein*
- Fil0590 *Filipendula camtschatica* 'Summer Snow' SUMMER SNOW KAMTSCHATKA MEADOWSWEET Per. Sun/PtSun. 6-10' x 6-10'. Zone 3a-8a.
0032 *Plant Delights*
- Foe1250 *Foeniculum vulgare* FENNEL Per. Sun. 5-6½'. Summer-Fall.
1228 Yellow flowers. Uses: Culinary, medicinal, and cut flower. Great for butterflies. Germ: WMS. *Labash*
- Fra1000 *Frangula caroliniana* CAROLINA BUCKTHORN Shrub. Sun/PtShade. 10-15 x 10-15'. Spring. Zone 5-9.
3561 Underappreciated understory tree with smooth gray bark, glossy leaves with bold veins, and red berries ripening to black. Germ: CMS; 112 days. BH: 56 days. D. *Gorman*
- Fri2120 *Fritillaria messanensis* ssp. *gracilis* SLENDER-LEAF BALKAN FRITILLARY Per. Sun/PtSun. 16". Zone 7a-9b.
0032 Source: NARGS *Plant Delights*
- Gal1000 *Galanthus elwesii* var. *monostictus* SNOWDROP PerBulb. DecShade. 8 x 8". Fall. Zone 3-8.
0199 White flowers. Snowdrop flowering Nov-Dec. Zone 7 *Cresson*
- Gel1000 *Gelasine coerulea* PerBulb. Sun. 12"
0032 Source: Plant World Seeds *Plant Delights*
- Gen0500 *Gentiana andrewsii* BOTTLE GENTIAN, CLOSED GENTIAN Per. PtShade. 1-2' x 1-1.5'. Summer-Fall. Zone 3-8.
3107 Blue flowers. Germ: CMS 60 days. SS. Time: 42-70 days. Zone 6b *Sirbaugh*
3178 Purple flowers. Germ: CMS 60 days; L; R; OW. *Standen*
- Gla0500 *Gladiolus communis* ssp. *byzantinus* Ten Bulb. Full Sun/Pt Shade. 1'-2'. Late Spring. Zone 7.
0199 Pink flowers. Unlike the better-known African gladiolus, this hardy southern European native is late spring blooming and summer dormant! Flowers are intense pink. Has been hardy here with a mulch. Zone 7 *Cresson*
- Gom1050 *Gomphrena haageana* 'Strawberry Fields' An. Sun. 24 x 12". Summer.
2515 Red "flower" bracts. The bracts bloom all summer. Germ: NST. Zone 6 *Doblmaier*

Gomphrena - Helleborus

- Gom1080** *Gomphrena* species GLOBE AMARANTH
0590 Purple flowers. Up to 18-24" tall in flower. Zone 7a *Mabony*
- Gos0050** *Gossypium herbaceum* LEVANT COTTON An./TenPer. Sun. 2-2½ x 1½'. Summer-Fall.
2515 Light-pink flowers. Friends and family love to see the cotton emerge after flowering. Zone 6 *Doblmaier*
- Gos0055** *Gossypium herbarium* 'Albe Red Variegated' COTTON Annual. 2-3'. Full sun. Summer. Zone 10.
0522 Pink blooms. I have grown red-foliated cotton for some years, but this plant makes me swoon. Leaves are brushed with a mix of burgundy, pink, green and cream. Good pink flowers are followed by bolls of cotton. Source: Putnam Hill Nursery. *Kushner*
0965 Pink flowers. Leaves are mottled with pin, red, and cream on 3' plants. Pretty amazing. Germ: BH. Zone 7a *Umpbrey*
- Gos0150** *Gossypium hirsutum* 'Red Foliated' RED-FOLIATED COTTON An. Sun. 3-5'. Summer.
0965 Pink-tinged, butter yellow flowers. From HPS Seed Exchange 2020-21. Germ: BH. Zone 7a *Umpbrey*
2515 Pink flowers. Leaves, flower buds and stems are reddish-tinged. Interesting accent plant, especially after flowering when the cotton emerges. Zone 6 *Doblmaier*
- 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. *Kushner*
- Hab2500** *Habranthus robustus* PINK RAIN LILY TenBulb. Sun/PtShade. 1'. Summer. Zone 8a-10b.
1277 Tender bulbs are moist-packed for sowing in pots upon receipt. I bring inside in pots over winter. Barely moisten to prevent rot. Worth saving. Zone 6a *Haas*
- Hel0150** *Helentium autumnale* SNEEZEWEED Per. Sun/PtShade. 3-5 x 1½'. Fall.
0032 2' tall. *Plant Delights*
0200 Yellow/orange flowers. Nice late bloomer. Zone 7 *Creveling*
- Hel1200** *Helianthus* 'Carine' SUNFLOWER 3-4' tall by 2-3' wide. Per. FS-PS. Zone 4-8.
0065 *Berger*
- 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*
- Hel1700** *Helianthus* 'Lemon Queen' Per. Sun. 8-10 x 8-10'. Summer-Fall.
1224 Yellow flowers. Germ: NST. Zone 5 *Lockhart*
- Hel4000** *Heliopsis helianthoides* OX EYE Per. Sun. 3-6 x 2-3'. Midsummer-Fall.
0269 Orange-yellow blooms with darker centers in summer. A 3-6' native aster-family plant for average to dry soil in full sun. Attract butterflies and is suitable for meadow plantings. Germ: CMS 30 days or OW; Maximum germination time 10-20 days. Zone 7 *Ellis*
- Hel5350** *Helleborus foetidus* Per. Sun/PtShade. 2½ x 1½'. Winter-Spring.
2515 Whitish-green flowers in winter. The leaves are the most attractive of this Hellebore. Finely cut leaves. Zone 6 *Doblmaier*
- 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*
- Hel6020** *Helleborus x hybridus* (Ashwood Garden Hybrids- dark yellow) Per. Shade/Pt.Shade. 1½ x 1½'. Winter-Spring Zone 4-9.
3001 Moist packed seeds. Germ: CMS 1-2 months. Zone 7 *Gregg*
- Hel6040** *Helleborus x hybridus* (Ashwood Gardens Hybrids- neon) Per. Shade/Pt.Shade. 1½ x 1½'. Winter-Spring Zone 4-9.
3001 Moist packed seed. Second generation from Ashwood Nursery UK. Germ: CMS 1-2 months Zone 7 *Gregg*
- Hel6050** *Helleborus hybridus* (Ashwood Garden Hybrids - veined picotee) Per. Shade/Pt.Shade. 1½ x 1½'. Winter-Spring Zone 4-9.
3001 Moist packed seeds. Germ: CMS 1-2 months. Zone 7 *Gregg*

- Hel6450** *Helleborus x hybridus* (mixed doubles) LENTEN ROSE Per. 1'-2'. Shade. Spring.
3001 Mixed flower colors. Seed is moist packed. Germ: CMS: 1-2 months. Zone 7 *Gregg*
- Hel7350** *Helleborus x hybridus* (yellow) Per. PtShade. 1½ x 1½'. Winter-Spring.
3001 Yellow flowers. Germ: 1-2 Months Cold cycle. Zone 7 *Gregg*
- Hel7550** *Helleborus x hybridus* 'Sea Green' LENTEN ROSE Per. PtSun/PtShade. 12 x 18". Early Spring. Zone 4-9.
0199 Green blooms. Per. PtSun/PtShade. 12 x 18". Early Spring. I will only say that this plant is a seedling in my garden, noteworthy for the intriguing sea-green color of the flowers and how they combine with the foliage, in a way I can't explain. Subtle and enchanting, drawing my eyes each year. Who knows what you will get? Zone 7 *Cresson*
- Hel7650** *Helleborus lividus* MAJORCAN HELLEBORE TenPer. PtShade. 8-12 x 24". Winter-Spring. Zone 7b-9.
0199 Green flowers with pink overtones. Leaves are marbled with silvery veins and pink overtones. A very attractive species which is the source of marbled foliage in the hybrids. Makes a beautiful potted plant. Grow cold, but without frost, with good drainage and avoid excessive summer moisture. 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*
- Hem2850** *Hemerocallis middendorffii* DAYLILY Per. Sun. 15 x 18; to 30" in bloom. Summer.
1939 Yellow flowers. Can tolerate partial shade. Germ: SR; NST; SIS. Zone 6b *Urffer*
- Hem3650** *Hemerocallis* 'September Sun' DAYLILY Per.
0200 Yellow daylily flowers. Parent is a 6', very late-blooming daylily (August-October). Germ: D; SR. Zone 7 *Creveling*
- 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*
- Hep0100** *Hepatica acutiloba* SHARPED-LEAVED HEPATICA, LIVERWORT Per. 1'x1'. Partial Shade. Spring. Zone 4-8.
2515 Pinkish-white, 6 sepal, star-like flowers. Might need to be on your knees to see this plant. Flowers rise above foliage. Zone 6 *Doblmaier*
- 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. *Kushner*
- Heu1050** *Heuchera americana* 'Dale's Strain' Per. PtShade. 10 x 12"; to 1½' in bloom. Early Summer. Zone 4-9.
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. 1½ x 1'; to 2½' 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. *Garnett*
- Hib0350** *Hibiscus cocctneus* 'Albus' WHITE TEXAS STAR HIBISCUS Per. Sun/PtShade. 4-10 x 3-4'. Summer-Fall. Zone 6-9.
2515 Lovely, white-flowered form of the straight species. Germ: NST. Zone 6 *Doblmaier*
- Hib0800** *Hibiscus grandiflorus* SWAMP ROSE-MALLOW Per. Sun. 6-8'x 4-6'. Summer-Fall. Zone 8-11.
9975 Large, showy light pink blooms adorn this herbaceous, shrub-like, perennial. Lovely silver blue foliage. Prefers moist soil though ours has done just fine in an inconsistently moist area. Expect blooms late August – October. Germ: NST *Bartram's Garden*
- Hib1500** *Hibiscus laevis* HALBERD-LEAF ROSE MALLOW 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. *Bartram's Garden*

Hibiscus - Hydrangea

- Hib1850** *Hibiscus militaris* ROSE MALLOWS Per. Sun/PtShade. 5-6'. Summer.
0045 A native, pink, two-tone, late summer-blooming hibiscus, to 4' at most. Two-tone pretty. Easy native perennial. Will tolerate wet soil. Germ: Soak: 24 hr, NST. Zone 6b7a *Bartlett*
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*
2515 The tall pink flowers remain upright through the summer and early fall. Germ: NST. Zone 6 *Doblmaier*
- Hib2000** *Hibiscus moscheutos* PINK ROSE-MALLOWS Per. Sun. 3-7' x 2-4'. Late Summer. Zone 5-9.
0269 My plants have white flowers - 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*
- Hib2080** *Hibiscus moscheutos* 'Mars Madness' ROSE MALLOWS, HARDY HIBISCUS Per. Sun. 4-5'. Summer to fall. Zone 5-9.
3397 Nativar with bright red-pink blooms, and dark green leaves. Germ: CMS 60 days. Zone 6b *Egbertson*
- Hib2150** *Hibiscus moscheutos* subsp. *palustris* MARSH MALLOWS Per. 5 x 5'. Summer.
0199 Pink flowers. Plant in your garden or naturalize in wet areas. Minimally damaged by caterpillars compared to many other species and hybrids. Zone 7 *Cresson*
0522 Pink flowers on 4-6' lovely large pink hibiscus. Does best in sun and damp soil. Source: Woodlanders. *Kushner*
2515 Pink flowers that provide a backdrop to my garden. Germ: NST. Zone 6 *Doblmaier*
- Hib2750** *Hibiscus* species
3107 Flowers are white with a burgundy throat. Seeds are from Hibiscus started from Seed Starting workshop at Jenkins in 2019. Germ: Soak up to 8 hours. Plant 1/4" deep. Time: 14-21 days. Zone 6b *Sirbaugh*
- Hib2800** *Hibiscus trionum* FLOWER-OF-AN-HOUR, VENICE MALLOWS 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*
- Hip0100** *x Hippeastrelia* 'Mystique'
0032 *Plant Delights*
- Hos1300** *Hosta kikutii* var. *yakushtimensis* 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*
- 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*
- 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*
- Hyd1850** *Hydrangea aspera* Villosa Group Shrub. PtSun/PtShade. 8 x 8'. July. Zone 7a-9b.
0199 Lavender. Roughly fuzzy dark-green leaves and flat lavender lacecap flower heads in July. Attractive winter silhouette with exfoliating bark. Plant with rhododendrons and azaleas for contrast and extended bloom. Zone 7 *Cresson*
- Hyd4300** *Hydrangea serrata* (Korean form) Shrub. PtShade/Shade. 3 x 4'. Summer.
0199 Blue sterile flowers age purplish rose. Blooms June-July. Evenly moist soil. Hardier collection from Korea by Dick Lighty in the 1960s. Fred McGourty reported this hardy in Zone 4, NW CT, possibly the hardiest blue hydrangea. Widens by rhizomes. Zone 7 *Cresson*

- Hyo0100** *Hyoscyamus niger* BLACK HENBANE Bien. Sun. Up to 6'. Zone 4-8.
0032 *Plant Delights*
- 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 latifolium* 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*
- Ile0450** *Ilex decidua* 'Warren's Red' WARREN'S RED POSSUMHAW HOLLY Shrub. Sun/PtShade. 4-12'. Spring. Zone 5-9.
0522 Scarlet/red berries on an upright, deciduous holly. Source: Woodlanders Nursery. *Kusbner*
- 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.
0199 Red blooms. Good substitute for rhododendrons. Heavy flowering in May, continuing intermittently into fall. Zone 7 *Cresson*
- Ill1700** *Illicium henryi* CHINESE ANISE TREE Shrub. 6'-8'. Partial sun-partial shade. Spring. Zone 7-9.
0199 Tangerine-orange flowers. This deer resistant evergreen shrub is a good substitute for rhododendrons, or where you need screen. Zone 7 *Cresson*
- 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*
- Imp1050** *Impatiens balfourii* An. PtShade. 3 x 2'. Summer-Fall. Zone 9-11.
1580 Pink and white flowers. Self seeds once established forming lovely sweeps that weave through the garden. Loved by hummingbirds and other pollinators. Germ: NST; SIS; SS. Zone 6-7 *Romenesko*
- 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 namchabarwenensis* BLUE DIAMOND IMPATIENS, SAPPHIRE JEWELWEED TenPer. 18 x 18". Fall.
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*
- Inc1600** *Incarvillea arguta* HIMALAYAN GLOXINIA TenSubshrub. PtSun. 3 x 3'. Summer. Zone 8a-10b.
0199 Pink. Ferny foliage and light pink trumpet flowers mid-summer to fall. Can be grown as annual or overwintered in frost-free place. Zone 7 *Cresson*
- Ind1400** *Indigofera amblyantha* Shrub. Sun/PtSun. 4-6 x 6-8'. Spring-Summer-Fall.
0239 Good, delicate pink flowers for most of summer and into fall. Graceful unusual shrub. Germ: Soak 1 d; W; BC; 21 d. 190° F water produced best results. SIS. Zone 6 *Doering*

Indigofera - Iris

- 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 belentium* ELECAMPANE Per. Sun. 3-6' x 2-3'. Summer. Zone 3-7.
2517 Yellow 2" flowers with many rays. European daisy with large, green basal leaves. Perennial herb blooming Spring-Summer. Germ: NST; SS. Zone 7 *Weaver*
3321 Yellow flowers. A sun lover. Germ: W, SS, NST, 90 d. Zone 6 *Perron*
- 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. *Kushner*
- Ipo2350** *Ipomoea lobata* SPANISH FLAG An. Vine. Sun. 15-20'. Summer/Fall.
0200 red-orange-yellow-white slender tubular flowers Zone 7 *Creveling*
0592 Peculiar tubular blooms, not trumpets. Red shading through orange to yellow--on show day and night. Designed for moths, though hymenoptera do their best. Hummingbirds fiercely possessive. Supplemental water makes for huge coverage needing steady support. Ratty by September, even as bloomshow makes it impossible to take down. Seems to tolerate light frost. Picks very well. Zone 6 *Malocsay*
2621 Climbing vine. Sunset color tube flowers attract moths and hummers. Germ: Soak seeds for 24 hours, nick, germinate warm. Zone 6 *Nachlas*
- 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*
- Ipo3100** *Ipomoea quamoclit* (white form) CYPRESS VINE, STAR GLORY An. Vine. Sun. 6-20'. Summer.
0475 White flowers. Related to Morning Glory with ferny foliage and star shaped flowers. Germ: NST. Zone 5 *Kaplan*
- 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.
0199 Scarlet-salmon flowers. Tall spike with feathery foliage. After mild winter, fall germinating seed blooms in spring. More often, spring germination blooms late summer. Allow to self-sow. Zone 7 *Cresson*
- Iri1050** *Iris domestica* BLACKBERRY LILY LEOPARD LILY Per. Sun/PtShade. 1½-3 x 1-4'; from 2-4' in bloom. Summer. Zone 4-10.
0522 *Kushner*
1181 Spotted orange flowers. 2-3' tall and 1-2' wide. Low maintenance, drought tolerant herbaceous perennial. Sword shaped leaves. Late summer seed pods. *Cyphers*
1228 Spotted orange flowers. Uses: Medicinal and cut flower. Germ: WMS. *Labash*
2621 Rhizomatous. Full sun, wet but well-drained. Yellow orange with red spots. Zone 6 *Nachlas*
- Iri1060** *Iris domestica* 'Hello Yellow' YELLOW BLACKBERRY LILY Per. Sun/PtShade. 1 x 1'. Summer.
0522 Lovely, clear yellow flowers. *Kushner*
- Iri1450** *Iris ensata* (purple) Per. Sun. 3½ x 3½'. Summer.
0199 Single blue-purple flowers. Much admired flowers with falls veined in purple. Moist soil. Zone 7 *Cresson*
- Iri1750** *Iris ensata* (white, single) Per. Sun. 3'. Summer.
0199 Pure white, single, flat flowers. Prefers moist soil. Zone 7 *Cresson*
- 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. Evergreen foliage. Likes dry shade! Zone 7 *Cresson*

- Iri2200** *Iris foetidissima* var. *clitina* 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*
- Iri3300** *Iris pseudacorus* YELLOW FLAG IRIS Per. Sun. 2 x 2'; to 3' in bloom. Spring.
1020 Yellow flowers. Good native for damp areas. Very vigorous. Germ: NST. Zone 7 *Wiedorn*
- Iri6300** *Iris tectorum* JAPANESE ROOF IRIS Per. Sun/PtShade. 12 x 36"; to 18" in bloom. Spring.
0199 Purple flowers. Drought tolerant and good for foliage and flowers. Zone 7 *Cresson*
0522 Purple blooms in spring. Even when not in bloom, a worthy plant. Strong foliar presence. *Kushner*
0590 Lavender and white blooms. Bloomed 2nd year from seed. Great foliage texture and somewhat weeping habit. Zone 7a *Mabony*
2429 Mixed seed from both purple and white-flowered forms. Zone 6 *Bricker*
- Iri6400** *Iris tectorum* 'Alba' JAPANESE ROOF IRIS Per. Sun/PtShade. 12 x 12". Spring.
0522 White flowers. A sturdy crested Iris with wide white flowers and a yellow crest. 15" tall. If well sited, can spread happily. Grown on thatched roofs in Japan and China. *Kushner*
- Iri6500** *Iris tridentata* Per. Sun/PtShade. 15". Summer.
0199 Lavender flowers. July blooming. Thrives in wet soil or shallow water. Native species and one of latest to bloom. Rhizomatous. Young foliage purple in spring is much admired. Zone 7 *Cresson*
- Iri6600** *Iris versicolor* BLUE FLAG Per. Sun/PtShade. 3 x 1½'. Summer.
2429 Blue/purple flowers. Germ: CMS: 90 d; BC. Zone 6 *Bricker*
2515 Blue flowers. Have it in a wet area in full sun. Zone 6 *Doblmaier*
- Jun1000** *Juncus effusus* f. *spiralis* SPIRAL SOFT RUSH Per. Sun. 12-18 x 12-18" Moist to wet soil. Zone 4-9.
0592 Foliage interest. Pot in my small pond sows around nearby, in tight spots where it toughs it out small. Sows mostly twisty. Pot in pond spays out 2 feet high. I remove stray reversions to straight leaf. Germ: NST. Zone 6 *Malocsay*
- 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 6 *Doering*
2621 From HPS seed catalog 2010 (unknown donor): What a champ this plant is, but it is so hard to capture its charm in a photo! A few years ago we saw Kalimeris 'Blue Star' at Blithewold in Bristol RI, and had to ask ourselves why we weren't growing this plant. Tolerant of heat and humidity, this long blooming Japanese Aster begins adding soft blue color in July and carries on into September. Grows 15-18" tall and 18" wide. Butterfly attracting, deer resistant, cold hardy, easy care. Germ: NST Zone 6 *Nachlas*
- 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*
- Kos1250** *Kosteletzkya virginica* VIRGINIA MALLOW, SEASHORE MALLOW Per. Sun. 4-5' x 3'. Late Summer-Fall. Zone 6-9.
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*
9968 The hairy, short-lived perennial grows to 3.5' tall and reaches 4' in width. The hibiscus-like flowers are soft pink with a central column of yellow stamens. Flowers in late summer and fall. Germ: Soak seeds the night before planting and sow into soils at 70F. Maintain moderate but consistent humidity. Zone 7a *Roper*
9985 Native. Germ: Soak in warm water 2 days then sow. Zone 7a *Jenkins Arboretum*
- Kos2000** *Kosteletzkya virginica* 'Immaculate' VIRGINIA MALLOW, SEASHORE MALLOW Per. SunPtSun. 4-5' x 3'. Late Summer-Fall. Zone 5a-10b.
0032 Garden Location: Musa 'Panay Island' *Plant Delights*
- Lab1050** *Lablab purpureus* HYACINTH BEAN An. Vine. Sun. 9' +. Summer-Fall.
1181 Rose-purple, pink and white flowers. 10-20' tall ornamental vine. Blooms summer to frost. Germ: NST. *Cyphers*

Lablab - Ligularia

- 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 7 *Creveling*
- Lan1100** *Lantana horrida* TEXAS LANTANA TenPer. Sun. 12 x 12'. Summer. Zone 8a-11.
3561 Synonym for *L. urticifolia*. Hardiness untested in z6b. *Gorman*
- Lan1150** *Lantana camara* 'Miss Huff' LANTANA Per. Sun. 3'. Summer. Zone 7-11.
3436 Orange 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. 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. *Kushner*
0590 Zone 7a *Mabony*
- 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*
- 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. *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. *Kushner*
- Leu4010** *Leucosceptum stellipilum* Per. PtShade. 1½ x 1½'. Fall.
0199 Spikes of lavender flowers in October. Bushy Chinese woodlander. Tolerates dry shade. Zone 7 *Cresson*
- Lev1050** *Levisticum officinale* LOVAGE Per. Sun/PtSun. 3 x 2'; to 6' in bloom. Summer. Zone 4-8.
0199 Greenish white. Best described as a perennial celery with a strong flavor. Great to have in the garden as a celery substitute for soups and stews. Zone 7 *Cresson*
- Ley2000** *Leycesteria formosa* Golden Lanterns® HIMALAYAN HONEYSUCKLE, PHEASANT BERRY Per. Sun/PtShade. 4-6'. Summer.
0522 Eye-catching, yellow-green foliage on this shrub cultivated in England. Dark burgundy bracts and berries. Amber-tinted new growth. Sources: Digging Dog Nursery *Kushner*
- Lia0500** *Liatris aspera* ROUGH GAY FEATHER Per. Sun. 2-6 x 1½'. Summer-Fall.
2429 Zone 6 *Bricker*
- Lia1050** *Liatris ligulistylis* MEADOW BLAZING STAR, SHOWY GAY FEATHER Per. Sun. 1½'; from 5-6' in bloom. Summer-Fall.
0475 Magenta flowers. This *Liatris* is a preferred nectar source. She is a native prairie plant standing 3-5' tall. Unlike many other prairie plants, this *Liatris* is not overwhelmingly invasive. I have seen it move around a bit, but never too much. Germ: NST. Zone 5 *Kaplan*
2429 Zone 6 *Bricker*
- Lia2500** *Liatris spicata* BLAZING STAR, GAYFEATHER Per. Sun/PtSun. 2-5 x 1½'. Summer-Fall.
1017 Lavender purple flowers. Wonderful vertical presence, midsummer bloom. Very upright growth. Zone 5b *Whitesell*
- Lig0010** *Ligularia* 'Britt Marie Crawford' Per. Sun/PtShade. 3¼'. Midsummer-Early Fall. Zone 4-8.
1277 Gold blooms. Must be grown in moist conditions; can take shade. Zone 6a *Haas*
- Lig0030** *Ligularia dentata* GOLDEN GROUNDSEL Per. Sun. 3-5 x 3'. Summer.
0239 Yellow-orange flowers. Flowers are not as important as the foliage texture. Prefers moist soil. Germ: W, NST Zone 6 *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*
- Lig1300** *Ligularia japonica* Per. PtShade. 4 x 1; from 5-6' in bloom. Summer.
1580 Golden yellow daisy-like blooms. Grown for its large, deeply serrated leaves, plant is 4 x 4', leaves up to 10 x 10", part shade, moist soil preferred. Germ: C; SS; NST, SIS; 42 d. Zone 6-7 *Romenesko*
2137 Yellow flowers. Large, bold, glossy green, deeply divided leaves. Good for back of shady border. Needs moisture. Germ: W; Max. germination time: 3 months. Zone 6b *Boylan*
- 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. *Kusbner*
- 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*
- Lil1570** *Lilium concolor* GOLDEN CONCOLOR LILY Per. Sun. 1.5-2' Zone 3a-8b.
0032 Source: Shikoku Gardens. Yellow Flower. *Plant Delights*
- Lil1700** *Lilium formosanum* FORMOSA LILY, TAIWAN LILY PerBulb. Sun/PtShade. 6-8 x 1½'. Late Summer-Fall. Zone 6+.
9968 Division IX species lily native to Taiwan growing 4-7" tall with 8-12" long flowers. Plants may flower first year from seed and produce 6-30 flowers at maturity. Germ: Sow seeds indoors, lightly covering seeds and pushing smaller seeds into substrate. 8-12 weeks before last frost date. Grow on at 68 degrees F and transplant to 3" pots once they have several true leaves, then harden off and transplant outdoors after last frost/ Zone 7a *Roper*
- Lil1950** *Lilium henryi* HENRY'S LILY PerBulb. Sun/PtShade. 2-10' x 8". Summer-Fall.
0592 Orange flowers with spots, petals reflexed. I support by tying discreetly to trellis so it mingles with Clematis 'Rooguchi' and Codonopsis lanceolata. Zone 6 *Malocsay*
- Lil3370** *Lilium sargentiae* SARGENT'S LILY PerBulb. Sun. 2-6 x 3-5'. Summer. Zone 5-8.
0045 Trumpet lily with white/yellow interior, dark falls. Can clump nicely. Germ: BC; NST; Max. germination time: 6 months; If possible, leave seedlings in pot until autumn of first year, then repot as dormant bulbs. Plant out in 2nd year. Zone 6b7a *Bartlett*
- Lin3100** *Lindera angustifolia* var. *glauca* ASIAN SPICE BUSH Shrub. PtShade. 6-8 x 6-8'. Spring. Zone 6.
0199 Yellow. Mainly grown for fall foliage of yellow-orange-red that fades to beige and remains attached through the winter. Small yellow flowers in spring. This is the rare glabrous Korean variety. Truly a 12-month shrub! Zone 7 *Cresson*
- Lir0500** *Litrope vernalis* 'Lavender Springs' Per. PtSun. 10-12" x 15-20". Spring. Zone 7a-9b.
0032 *Plant Delights*
- Lob1250** *Lobelia cardinalis* CARDINAL FLOWER Per. Sun/PtShade. 1-3 x 1+'. Summer-Fall.
0239 Red flower spike. Plant does best in moist sunny areas. Germ: BH; BC; NST. Do not allow germinating seed to dry out. Open pollinated. Zone 6 *Doering*
0318 Red flowers. Germ: SIS. *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*
3436 Red blooms. Germ: SS, SR. Zone 7a *Silberstein*
- Lob1330** *Lobelia cardinalis* 'Cabernet' CARDINAL FLOWER Per. 2-4' tall and 1-2' wide. FS-PS. Zone 4-9.
3107 Red flowers. Germ: CMS 60 days. SS. Time: 20 days. Zone 6b *Sirbaugh*
- Lob1600** *Lobelia inflata* INDIAN TOBACCO An. Full/PtSun. 1-2' x 1'
2497 Tiny pale blue flowers on racemes. Native to eastern U.S. Deer resistant. Germ: CMS 60 days. L. Zone 7b *Mackey*

Lobelia- Lycoris

- 3397 Inconspicuous native annual. Host to Least Kipper butterfly, wasps, and flies. Readily reseeds. Blue bloom. Germ: SS. CMS 60 days. Zone 6b *Egbertson*
- Lob1750** *Lobelia siphilitica* GREAT BLUE LOBELIA Per. Sun/PtShade. 2-4 x 1'. Late Summer-Fall.
0797 Adds welcome blue flowers late in season. Self-sows. *Robinson*
1918 Blue-flowered native plant that thrives in medium to moist soils in part-shade. Attracts bees and hummingbirds. May be an aggressive self-sower in wet/ideal conditions. Germ: NST. SIS. *Carey*
3436 Blue, occasionally white blooms. Germ: SS, SR. Zone 7a *Silberstein*
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*
- Lud1500** *Ludwigia maritima* Per. Sun/PtSun. 3'. Summer. Zone 7b-10b.
0032 *Ludwigia maritima* and/or *alternifolia* (NC Coastal Ecotype) Source: Ernst Conservation Seeds *Plant Delights*
- Luf1000** *Luffa aegyptiaca* LUFFA GOURD An. Vine.
0965 Yellow blooms. Besides the Zinnias and Marigolds, this vine provided happy color from July to frost at my community garden. 3" flowers stand on 6" pedicels above the handsome foliage. Needs substantial support to hold immature luffa fruit. Germ: BH. Zone 7a *Umpfbrey*
- Lun0050** *Lunaria annua* MONEY PLANT, HONESTY Bien. Sun/PtShade. 3 x 1'. Spring.
0522 Purple flowers. 3' x 1'. Blooms in Spring. *Kushner*
1277 Purple flowers. Could have some variegated foliage mixed in. Zone 6a *Haas*
- Lun0070** *Lunaria annua* 'Corfu Blue' HONESTY, MONEY PLANT Bien. Full Sun-Partial Shade. 3' tall. Spring-Summer.
0951 Violet-blue flowers. Biennial. Showy violet-blue flowers in the second year, followed by silver dollar seedpods. *Tracey*
- Lun1000** *Lunaria annua* var. *albiflora* MONEY PLANT, HONESTY Bien. Sun/PtShade. 3 x 1'. Spring.
0522 White flowers. 3'x1' tall. Blooms in Spring. *Kushner*
- Lun2050** *Lunaria annua* var. *albiflora* 'Alba Variegata' VARIEGATED MONEY PLANT, HONESTY Bien. Sun/PtShade. 3 x 1'. Spring.
0951 White flowers. Variegated foliage develops the 2nd year. *Tracey*
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*
- 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. *Kushner*
- 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. *Kushner*
- Lyc5000** *Lycopersicon esculentum* '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*
- Lyc9000** *Lycoris chinensis* YELLOW SPIDER LILY Per. Sun. Summer. Zone 5-9.
0199 Golden yellow flowers on naked stems in August. Fully hardy, unlike the *L. aurea* commonly sold in catalogues. If you like yellow, this is for you. Zone 7 *Cresson*

- Lyc9760** *Lycoris sprengeri*
0199 Pink/blue blooms. The most striking and unique thing about this species is the prominent blue petal ends. Unique and exciting! Spring foliage, summer dormant. Zone 7 *Cresson*
- Lys1750** *Lysimachia minoricensis* Bien. Sun. 1 x 3; to 12-15" in bloom. Summer.
0199 White flowers. This endemic of the South island of Menorca is now extinct in the wild but has shown remarkable adaptability to gardens. A biennial forming rosettes of attractive white veined leaves, then a single stem with small white flowers. Persists by self-sowing, especially among rocks. Easy and nice, always attracting attention. Help save this rare species. Zone 7 *Cresson*
- Mag1610** *Magnolia kobus* var. *borealis* Tree. Sun. 15-24'. Early Spring.
0045 White flowers in spring. Large tree magnolia from East Asia. More vigorous tree than ~*Magnolia kobus*~, with more and larger flowers even at a young age, and big bullate leaves. Germ: BC. I cover with grower grit for stability. 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. *Tracey*
- Mag1750** *Magnolia sieboldii* Shrub. Sun/PtShade. 25 x 40'. Spring-Summer.
0045 White blooms with pink centers. Vigorous, shrubby, Asian magnolia species. Very hardy. Long flowering period. Small enough for any garden. Fast growing. Germ: NST. 90 d. Zone 6b7a *Bartlett*
- 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*
- Mag5500** *Magnolia yunnanensis* Tree. Sun/PtShade. 6-15' x 3-8'. Spring. Zone 7b-10b.
0032 *Plant Delights*
- Man2020** *Manfreda undulata* 'Cherry Chocolate Chip' Per. Sun. 12". Mid-summer. Zone 7b-9b.
0032 Yellow flower spikes. Dusty green, ruffled, rubbery leaves are spotted with purple and edged with a narrow white border. *Plant Delights*
- Man2100** *Manfreda virginica* AMERICAN AGAVE Per. Sun. 2 x 2-4'; to 6' in bloom. Summer. Zone 6-9.
0269 Yellow-green blooms, in summer. Rhizomatous native forming rosettes of fleshy leaves spotted with maroon topped by 4-5' stalks of flowers in summer. Tolerates dry conditions and rocky soil. Germ: W; L; SS; Maximum germination time: 30-90 days and erratic. Zone 7 *Ellis*
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** *Manibot 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*
- Mec0050** *Meconopsis cambrica* WELSH POPPY Per. PtShade. 1½ x 1'. Spring-Fall.
0797 *Robinson*
- Mel3050** *Melanthium virginicum* BUNCH FLOWER Per. Sun. 3 x 2'; to 5' in bloom. Summer.
2429 Zone 6 *Bricker*
- Mel6000** *Melothria scabra* MEXICAN SOUR GHERKIN, MEXICAN MINATURE WATERMELON AnVine. Sun.
0269 Yellow flowers on a vine grown for its edible fruit. Fruit are about the size of grapes and taste like cucumbers with a tinge of sourness. Harvest when small for best taste. Eat fresh or try pickling. Germ: Sow indoors 4-6 wk before the last frost date and transplant after danger of frost. Or, direct sow in the garden after the frost date. Zone 7 *Ellis*
- 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 6 *Doblmaier*

Mirabilis - Nigella

- Mir1010** *Mirabilis jalapa* FOUR O'CLOCK An./TenPer. Sun. 3-5 x 2-4'. Summer-Fall.
0269 White blooms. Seed is collected from a plant that bears fragrant white flowers on 4' tall plants. Germ: NST. Produces a tuber that can be dug in fall and overwintered. My plant is hardy in Zone 7 in a site right next to the east-facing side of the house. Sow seeds indoors 4-6 wks before the last frost and keep warm, or direct sow after frost. Zone 7 *Ellis*
- Mir1400** *Mirabilis jalapa* 'Limelight' FOUR O'CLOCK An./TenPer. Sun. 2'. Summer.
0200 Hot pink flowers, blooms all summer. Chartreuse foliage. Zone 7 *Creveling*
- Mir1450** *Mirabilis jalapa* 'Orange Crush' FOUR O'CLOCKS Annual. 2'x2'. Full sun. Summer
3666 Orange flowers. Germ: Sow in Spring. Zone 5 *McGowan*
- Mol0500** *Molintia 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*
- Mon1650** *Monarda* 'Jacob Cline' SCARLET BEEBALM
1228 Hot red flowers. Uses: Medicinal, culinary, edible flowers, cut flowers, and dried flowers. Great plant for pollinators. Germ: WMS. *Labash*
- Mus0500** *Muscari arvense* GRAPE HYACINTH Bulb. 1'x.5'. Full sun. Spring.
0522 Mixed colours of the flowers. *Kushner*
- Mus0800** *Muscari arvense* '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. *Kushner*
- Myo2000** *Myosotis sylvatica* FORGET-ME-NOT Bien. Sun/Pt.Shade. 8 x 8". Spring. Zone 3-8.
0043 Medium blue flowers in spring. Standard plant, but when grown in a large area it's a stunning statement. Self-sowing. I move plants around when they stray too far. Germ: NST,SIS. Zone 6 *Biderman/Barron*
3176 Bright blue flowers in spring on low-growing biennials. Germ: SIS, NST. Possibly start indoors for same season bloom. Self sows once established. Zone 7a *Maber*
- Myr1050** *Myrrhis odorata* SWEET CICELY Per. PtShade/Shade. 2-4' x 2-4'. Early Summer. Zone 5-9.
1277 Zone 6a *Haas*
- Nic0050** *Nicandra physaloides* SHOO FLY PLANT, APPLE OF PERU An. Sun. 3 x 1'. Summer-Fall.
3132 Blue flowers. Germ: BC in Spring. SIS. Zone 7a *Axel*
- 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*
- Nic0400** *Nicotiana glauca* TREE TOBACCO TenShrub. Sun/PtShade. 6-10'. Summer-Early Fall.
0199 Yellow flowers. Useful for glaucous grey-green foliage on tall stems and small yellow flowers in late summer when grown as an annual. Will survive light frost. Has become an invasive small tree in mild climates such as California. Zone 7 *Cresson*
- Nic0600** *Nicotiana langsdorffii* FLOWERING TOBACCO An. Sun. 2 x 3'. Summer.
0797 Lime green/chartreuse flowers born in tall, graceful wands. Self-sows. Germ: BC; SIS. *Robinson*
2497 Lime green, drooping, bell-shaped flowers with blue anthers. Flowers mix well with other colors. Germ: Surface sow. NST Zone 7b *Mackey*
2621 Dainty 2"-long lime bells. Germ: L, SS. Reseeds. Zone 6 *Nachlas*
- Nic1270** *Nicotiana x sanderae* 'Perfume Deep Purple' TenPer. Sun/PtShade. 9-12". Summer. Zone 3-9.
0522 Deep purple flowers. A fragrant 20" tall Nicotiana with upward facing, deep purples flowers. A winner. Source: Select Seeds. *Kushner*
- Nic2750** *Nicotiana sylvestris* FLOWERING TOBACCO, GREAT WHITE TOBACCO An. Sun/PtShade. 12 x 18"; to 5' in bloom. Summer-Fall.
0084 White flowers. 4-5' tall. Can self sow. Fragrant flowers. Pollinator plant. Zone 6b *Bowditch*
0200 Fragrant white blooms on 4-5' stalk. Reseeds. Germ: SIS. Zone 7 *Creveling*
- Nig1050** *Nigella damascena* LOVE-IN-A-MIST An. Sun. 8-12 x 8-12"; 12-18" in bloom. Summer.
1277 Blue and white flowers. Self-sows nicely. Zone 6a *Haas*

- Nig1290** *Nigella damascena* 'Cramers' Plum' LOVE-IN-A-MIST An. Sun. 8-12 x 8-12". Summer.
0269 White flowers. Annual with lacy leaves and white flowers followed by reddish-purple seed pods. Plants are 12-18" tall. Germ: NST; SIS; RTp. Will self sow. Zone 7 *Ellis*
2621 White flowers plum-purple pods. Self sows. Germ: NST. Direct sow early spring. Zone 6 *Nachlas*
- Oen1400** *Oenothera biennis* EVENING PRIMROSE, FOUR O'CLOCK, GERMAN RAMPION Bien. Sun. 5'. Late Spring.
1918 Yellow flowers. Tall, native with fragrant (evening), 4-petalled flowers. Seed is a bird food source. Flowers are visited by moths. Plant is medicinal. Germ: NST. SIS. *Carey*
- Oen1600** *Oenothera glazioviana* EVENING PRIMROSE Bien. Sun. 1-2'; from 4-5' in bloom. Summer-Fall.
0199 Light yellow flowers. Lovely in evening, early morning, and moonlight! Flowers about 4" wide on many branched stem. Flowers over long season. Plant near patio! Easy and hardy, fertile soil, good drainage. Fascinating to watch flowers open at dusk! Zone 7 *Cresson*
0475 Pale yellow flowers. Years ago Nancy McDonald submitted this to the HPS exchange. Ever since this exquisite doll has been blowing minds as she unfolds her sweet yellow petals over and over again as we watch at dusk and the icing on the cake are the night pollinators that follow. Germ: NST. Zone 5 *Kaplan*
- Oen2260** *Oenothera macrocarpa* OZARK SUNDROPS Per. Sun. 1 x 1'. Summer. Zone 3-7.
1537 18-24" (45-60 cm). Bright yellow cup-shaped flowers, open at twilight or on overcast days. Germ: Start seeds indoors 6-8 weeks before transplanting, or direct sow after last frost. Plant ½" (13mm) deep. 9-12 days to germination. Best to grow in full sun, with well drained soils. Zone 7a *Happel*
- Oen2650** *Oenothera stricta* EVENING PRIMROSE Per./Bien. Sun. 3 x 1'. Summer.
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. This is a Zone 7 *Cresson*
- Oph1050** *Opbiopogon plantiscapus* 'Nigrescens' BLACK MONDO GRASS Per. Sun/PtShade. 6 x 15". Summer.
1277 Zone 6a *Haas*
- Oph1200** *Opbiopogon umbraticola* MONDO GRASS Per. PtSun/Shade. 10". Summer. Zone 5-8.
0199 White blooms. New miniature Chinese species with tufts of very narrow foliage. Stalks of white flowers in June are followed by round cobalt blue fruit in autumn. Has been making the rounds under the erroneous name *O. chingii*. Zone 7 *Cresson*
- Orb1050** *Orbexilum pedunculatum* var. *psoralioides* '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. *Plant Delights*
- 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*
2429 White blooms. Germ: NST. Zone 6 *Bricker*
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 addition 1-2 week cooling period is recommended. Zone 7a *Roper*
- Orn0200** *Ornithogalum candicans* SUMMER HYACINTH Per bulb. Sun. 2-4 x 2-3'. Late Summer. Zone 6-10.
0045 White flowers. A hardy, South African plant for a sunny border. Basically a hyacinth. Remarkably easy. Germ: Transplant bulb seedling when they become dormant at the end of 1st years growth; NST. Zone 6b7a *Bartlett*
- Orn0500** *Ornithogalum longibracteatum* FALSE SEA ONION TenBulb. Sun. 2-3'. Summer.
0926 Bulbils. Racemes of green and white flowers from bowiea-like bulb with floppy foliage. Small bulblets pop out of the sides of the bulb. Weird, but fascinating. Not hardy. *Streeter*

Oxypetalum - Papaver

- 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.
3397 Zone 3-8, 6" x 6" Native groundcover, blooms well in shady moist areas and self seeds to make nice clumps, may be evergreen in mild spot. Germ: CMS 60 days. Zone 6b *Egbertson*
- 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*
3666 White flowers. Germ: WMS, then CMS, then WMS again. Zone 5 *McGowan*
- 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 7 *Creveling*
3321 White blooms. Great woodland peony. Germ: Cycle: 70° for 3 mo, 40° for 3 mo followed by another 3 mo of 70°, SR. Keep in baggie until root radicle develops, then plant in pot. Zone 6 *Perron*
- Pae4500** *Paeonia ostii* TREE PEONY Per. Sun/PtShade. 5 x 10'. Spring. Zone 4-8.
3001 White flowers. A woody paeonia, once listed as a cultivar of ~P. suffruticosa. ~ To 3-5 x 3-5'. Germ: Soak: 24 hr; Cycle: Start warm for root development, then cold for leaf, or start outdoors. May require treatment for double dormancy. Zone 7 *Gregg*
- Pae4980** *Paeonia species* Per. Sun. 2-3 x 2; to 3' in bloom. Spring-Summer.
1020 Zone 7 *Wiedorn*
- Pan0200** *Panicum miliaceum* An. Late Summer.
0592 Dry arrangement interest. Wild birds ignore it, chickens surely wouldn't. Grown by a neighbor not given to plant identities. My source is RHS Common Names index. It has a sorghum look...? Germ: NST. Zone 6 *Malocsay*
- Pap0350** *Papaver atlanticum* MOROCCAN POPPY Per. Sun. 8-12 x 12"; to 2' in bloom. Summer. Zone 5-7.
0627 Germ: NST. *McShane*
2621 Papery orange with attractive fuzzy leaves. Tap root so hard to transplant, best direct. Tolerates low fertility. Zone 6 *Nachlas*
- Pap0480** *Papaver dubium* LONG-HEADED POPPY Annual. Full Sun. 18" tall. Summer.
0199 Salmon-orange flowers. Similar to P. rhoeas but with smaller flower. Allow some seeds to fall since plants are short-lived. Zone 7 *Cresson*
- 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. Germ: SIS. Sow outdoors fall or early spring. Self-sows. Zone 6b *Bowditch*
- Pap2320** *Papaver rhoeas* (red, burgundy) CORN POPPY, FLANDERS POPPY An. Sun. 12-18 x 12-15". Summer.
0592 Very rich red, scarlet blooms. Germ: SIS. Self-sowing annual, happy anywhere. Zone 6 *Malocsay*
- Pap3250** *Papaver somniferum* (coral, double) CARNATION POPPY An. Sun. 4 x 1'. Summer.
0318 Deep-coral, double flowers. Germ: L; SS; SIS; Rtp. *Garnett*
- Pap3270** *Papaver somniferum* (coral, single) OPIUM POPPY An. Sun. 4 x 1'. Summer.
0318 Germ: SS; SIS. *Garnett*
- Pap3450** *Papaver somniferum* 'Lauren's Grape' CARNATION POPPY, OPIUM POPPY An. Sun. 2-4 x 1'. Summer.
0084 Grape-purple flowers. Attractive glaucous foliage sets off purple flowers. Comes true from seed. Germ: SIS. Sow outdoors spring or fall. Zone 6b *Bowditch*
0797 Various, pale purple flowers. Germ: BC; SIS early spring. *Robinson*

1537 Purple-violet poppy, 2-3' tall by 10" wide. Germ: Surface sow, requires light to germinate; germinates in 5 days to 3 weeks; sow indoors at 50-60 degrees F, or sow in situ 4 weeks before last frost. Grow in full sun and moist, well drained soil. Zone 7a *Happel*

- Pap3550** *Papaver somniferum* (mixed colors) BREADSEED, OPIUM, CARNATION POPPY An. Sun. 2-4 x 1'. Summer. 0239 Mixed, mostly pink blooms. Sow in the snow with the ~*Consolida ambigua*~ for a wonderful color combination of filler plants. Germ: SIS. In winter, sow seeds where colorful display is wanted. What could be easier or more rewarding? Zone 6 *Doering*
- Par1900** *x Pardancanda norristi* CANDY LILY Per. Sun. 1½ x 1'. Summer. Zone 5a-9b. 0032 *Plant Delights* 0045 Various colors. An easy perennial Iris hybrid. To 2' tall, clump forming. Very hardy. Sometimes self sows. I have nary seen a poor colored plant. Germ: NST; BC. Zone 6b7a *Bartlett*
- Par4010** *Paribentum integrifolium* WILD QUININE Per. Sun/PtShade. 2-4 x 1-2'. Summer-Fall. Zone 4-8. 3178 White flowers. Germ: CMS 60 days; R; OW. *Standen*
- Pas0500** *Passiflora caerulea* BLUE PASSIONFLOWER Vine. 10'-25'. Full sun-partial shade. Summer. Zone 7-9 (with protection to zone 6). 1939 White flowers. Vine grows 20-35' long. Sun or light shade. Moist, rich soil. Germ: BH: 8 weeks. Germination 30-45 days. OR sow seeds outdoors after all frost. Zone 6b *Urffer*
- 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* 3561 Native passionfruit with large, showy, intricate purple and white flowers and delicious fruit. Unsure of the provenance of these as I've been sowing a mix of local and commercial seed for years with no success, only to find a mature patch mere steps from my front door. I've seen these fizzle out in part shade and thrive on north-facing walls, but usually see them near waterways and in roadside ditches. Fruit is ripe when wrinkly and fragrant. Host plant for Gulf Fritillary butterfly. Germ: Scfy. Soak 24-72 hours. CMS 60 days. BH (95°F), 30 days. D. *Gorman*
- 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*
- 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. *Tracey*
- Pav2000** *Pavonia brasiliensis* BRAZILIAN ROCK ROSE Per. Sun/PtSun. 2-3' x 2-3'. Summer. Zone 7a-10b. 0032 *Plant Delights*
- Ped1000** *Pedtomelum canescens* EASTERN PRAIRIE-TURNIP, BUCKROOT Per. Sun/PtSun. 2-3' x 2-3'. Zone 6a-9b. 0032 *Plant Delights*
- Pel2050** *Peltoboykintia watanabei* Per. PtShade/Shade. 18 x 18". Late Spring. 0239 Yellow blooms. Great plant for the woodland. Large green leaves enliven the woodland. The bloom appears in late spring and is a pale yellow, bell-shaped flower. Unusual and interesting perennial for light shade/shade. Germ: W, NST. Zone 6 *Doering*
- Pen1600** *Penstemon albidus* WHITE PENSTEMON, WHITE BEARDTONGUE Perennial, 8-12", Late Spring, Full Sun 0239 White flowers in early summer. Foliage is a low green rosette all summer. Germ: CMS; 40 days germination time; BC; W; NST. Zone 6 *Doering*
- Pen2500** *Penstemon 'Dark Towers'* BEARD TONGUE Per. Sun. 1½ -3 x 1-2'. Summer. Zone 3-8. 1277 Zone 6a *Haas*

Penstemon - Persicaria

- Pen3000** *Penstemon digitalis* FOXGLOVE, BEARD TONGUE Per. Sun/PtShade. 4 x 1½'. Summer.
1939 White "long corolla tubes", with lavender-tinged. Needs good drainage. Germ: WMS; BH; L. OR NST and SIS. Zone 6b
Urffer
2497 White tubular flowers on strong tall stems flower early summer. Native to east coast. Dark green rosettes overwinter.
Zone 7b *Mackey*
- Pen3100** *Penstemon digitalis* 'Pocahontas' BEARD TONGUE Per. Sun. 3-4 x 2-3'. Spring. Zone 3-8.
2515 Burgundy-red stems with dark burgundy leaves and the flowers are lavender-pink. Keeps its leaf color all season. Zone 6
Doblmaier
- Pen3750** *Penstemon grandiflorus* LARGE BEARD TONGUE Per. Sun. 3½' x 10". Summer.
0475 Soft pinky lavender flowers. This exquisite prairie plant is endangered in Illinois. With her grey-blue foliage and voluptuous blossoms, she is the quintessential hardy plant. Germ: NST. I start all of my native seeds in 4" pots, covered with turkey grit and placed outside where they get whatever the weather brings. Zone 5 *Kaplan*
- Pen4500** *Penstemon hirsutus* HAIRY BEARD TONGUE Per. Sun/PtShade. 8-12 x 8-12". Summer.
2497 Stalks of pale lavender trumpets flower a couple of weeks earlier than *P. digitalis*. Native to eastern U.S. Moist to dry.
Zone 7b *Mackey*
- Pen4550** *Penstemon hirsutus* var. *pygmaeus* DWARF BEARD TONGUE, DWARF PENSTEMON Per. Sun/PtShade. 3-4 x 12".
Summer.
1607 Lavender/pink flowers. Germ: SS; W. Zone 7a *Jellinek*
- Pen5190** *Penstemon Red Rocks*™ RED ROCKS HYBRID BEARDTONGUE Per. Sun. 18 x 15". Summer.
2515 Bright pink flowers. Wonderful addition to the perennial border. Since it is a hybrid, it may not come true from seed.
Zone 6 *Doblmaier*
- Pen5300** *Penstemon smallii* SMALL'S BEARDTONGUE Per. Sun/PtShade. 6 x 6"; to 1' in bloom. Spring-Summer. Zone 6-8.
1277 White blooms with pink overtones. A very nice dependable penstemon for our area, though not very flashy. Germ: CMS 90 d. Zone 6a *Haas*
9985 Dark pink blooms. Blooms up to 4 wk in spring. Native to Southeastern US. Germ: CMS: 30 d, BC, SR. Can winter sow.
Zone 7a *Jenkins Arboretum*
- Pen5500** *Penstemon strictus* (mix) Per. Sun. 6 x 24"; from 18-24" in bloom. Spring-Summer.
2515 Purple blue flowers. Small stature plant, but the flowers are eye-catching. Germ: CMS; OW. Zone 6 *Doblmaier*
- 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. *Bartram's Garden*
- Per1500** *Persea borbontia* 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
- Per2000** *Persea podadenia* 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*
- Per2650** *Persicaria orientalis* 'Shiro-gane Nishiki' PRINCE'S FEATHER An. Sun. 6-7 x 2-3'. Summer-Fall.
0199 Pink flowers. Large, heart-shaped leaves splashed with cream. Pink tassel flowers last months. Lushest growth in rich soil with plenty of water. Self-sows year to year. Zone 7 *Cresson*
3436 Pink blooms. Scatter seed outdoors on mineral soil in fall to germinate in spring. Deer resistant. 7-8'. Showy variegated leaves and hanging clusters of flowers late summer-frost. Germ: R, OW, SS, SIS. 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*
- Pet2250** *Petunia integrifolia* An. Sun. 1 x 2-3'. Summer-Fall.
0592 Rambling interweaver. Doesn't self-sow for me. Purple/magenta flowers have silken sheen nice to catch sight of, even straggling at season's end. Responds to judicious trimming. Picks well. Zone 6 *Malocsay*
- Pha0200** *Phacelia bipinnatifida* FERNLEAF PHACELIA Bien. PtShade/Shade.
2497 Purple flowers early spring through early summer. Native to eastern U.S. Self sows. Nice woodland groundcover. Zone 7b *Mackey*
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*
- 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*
1277 Lilac blue flowers. Adds structure to the garden; fuzzy flowers in tiers. Germ: CMS 90 d. Zone 6a *Haas*
- Phl0065** *Phlomis fruticosa* JERUSALEM SAGE Shrub. 2'-4'x3'-5'. Full sun. Summer. Zone 8-10.
0199 Yellow flowers. Tender Mediterranean shrub with fuzzy grey leaves that hold up well in our summer climate. Short spikes of bright yellow flowers in early summer. Can be grown as a non-blooming perennial in colder climates or grow in a pot to take in. I have had success in a protected site, covered with a Styrofoam box. I'm rather partial to this plant! Zone 7 *Cresson*
- 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*
0269 Lavender-pink flowers that are small, and borne in tiered clusters. A 2-4' native of Southern Europe and Asia. This plant bears a rosette of large leaves topped by tiers of small, tubular flowers. Blooms are attractive to butterflies. Plants need full sun and tolerate dry soil. Germ: C; BC; Maximum germination time: irregular, anywhere from 14-40+ days. Keep moist and be patient. Zone 7 *Ellis*
3561 Striking whorls of purplish-pink flowers in May above large wrinkly green foliage. Surprisingly vigorous here considering it's summer-dormant and the leaves are cut back by freezes in the winter, giving it only two narrow windows to photosynthesize in. Germ: Germ: L, SS: 14 days. *Gorman*
- Phl0800** *Phlomis lanata* SMALL JERUSALEM SAGE Shrub. 1-2 x 2'. Sun. Summer. Zone 8-10.
0199 Yellow Flowers. This is a miniature version of *P. fruticosa*, with 1" wooly leaves. Makes an interesting container plant with spring-early summer flowers. Endemic to Crete. Prefers Mediterranean conditions with good drainage. 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*
- 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*
- Pie0100** *Pieris japonica* LILY-OF-THE-VALLEY BUSH Shrub. Sun/PtShade. 9-12' x 6-8'. Spring. Zone 5-8.
1277 Zone 6a *Haas*
- Pla2000** *Platycodon grandiflorus* BALLOON FLOWER Per. Sun/PtShade. 2-3' x 1-1.5'. Summer. Zone 3-8.
0318 Blue flowers. *Garnett*
1277 Blue flowers, 2'. Zone 6a *Haas*
1607 Purple-blue flowers. Zone 7a *Jellinek*

Polanisia - Ricinus

- Pol0250** *Polanisia dodecandra* DWARF CLEOME An. Sun. 2 x 1½'. Summer-Fall.
0592 White flowers with orange anthers overcame my dislike of the sticky, skunky downside of Cleome hassleriana. Long-lasting in bouquets-not for nosing. Zone 6 *Malocsay*
0797 White flowers. Germ: BC; SIS. *Robinson*
- 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*
- Pol2730** *Polygonatum biflorum* var. *commutatum* GIANT SOLOMON'S SEAL Per. PtShade/Shade. 4-6 x 2'. Spring/Summer.
0199 White flowers. Whatever the correct name, this is the huge tetraploid form, taller with more flowers. Tall arching habit. Tolerant of dry shade but likes rich soil. Zone 7 *Cresson*
- Pon0000** *Poncirus trifoliata*
0045 White flowers in Spring can be dramatic. Small, odd scented oranges in autumn. Spines on stem to stop anything charging. Germ: BC; Sow immediately. Zone 6b7a *Bartlett*
- 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*
0592 Quiet but people notice its bits of rich red. Doesn't self-sow for me. Germ: NST Zone 6 *Malocsay*
- 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*
- Pyc1050** *Pycnanthemum muticum* MOUNTAIN MINT Per. Sun. 2½ x 1½'. Summer-Fall.
1228 Pale pinkish green flowers. Uses: Culinary, dried flower, and cut flower. Bees love it. Germ: WMS. *Labash*
- Que4000** *Quercus velutina* BLACK OAK Tree. Sun. 50-60' Zone 3-9.
1277 Zone 6a *Haas*
- Rab1000** *Rabdosia longituba* Per. Sun/PtSun. 5 x 2'; to 6' in bloom. Fall.
0199 Blue flowers. Japanese native with tubular blue flowers in branched clusters at the nodes all along the stem in late September to October. White seedlings occur. Lovely supported by adjacent shrubs. Height 4-5'. Zone 7 *Cresson*
- Rat3000** *Ratibida columnifera* MEXICAN HAT Per. Sun. 1-3' x 1-1.5'. Summer. Zone 4-9.
2621 May-Aug, Drought tolerant, attractive, easy care. Zone 6 *Nachlas*
- Ric1160** *Ricinus communis* 'Carmencita' CASTOR BEAN An. Sun. 5-6+ x 5'. Summer.
0200 Maroon and white blooms, bold bronzy leaves on tropical, poisonous plant. Will self-sow. Germ: SIS. Zone 7 *Creveling*
- 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 *Umpbrey*
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 6 *Doblmaier*
- Ric1300** *Ricinus communis* 'Impala' CASTOR BEAN An. Sun. 5 x 3'. Summer.
2515 Red-purple palmate leaves on plant that grows to 4'. All parts of the plant are poisonous. Zone 6 *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 6 *Doblmaier*

- 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*
1224 Pink flowers. Germ: WMS 15 weeks, then CMS for 10 weeks; OW. Zone 5 *Lockhart*
- 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*
- Ros5100** *Rosa primula* INCENSE ROSE Shrub. Sun/PtSun. 6 x 6'. Mid-spring. Zone 4-8.
0199 Soft yellow. Fountain-shaped shrub covered with primrose yellow flowers in mid spring, followed by small black hips in summer. Foliage has a pleasant spicy scent. Disease resistant and easy to grow. Introduced in 1890 from Samarkand, along the old Silk Road. Zone 7 *Cresson*
- Ros5300** *Rosa roxburghii* CHESTNUT ROSE Shrub, 6-8 x 6-8'. Zone 6-9.
0926 Pink double flowers becoming very ornamental, bright yellow, prickly hips. Germ: CMS: 3-5 mo. Do not let seed dry out. *Streeter*
- 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*
- Rud1560** *Rudbeckia fulgida* var. *deamii* BLACK-EYED SUSAN Per. Sun/PtShade. 3 x 2'. Summer.
0199 Yellow flowers with black centers. Very heat and drought tolerant. Flowers July through September, later than 'Goldsturm' on longer flower stems, so it's better for cutting. And, this is resistant to the bacterial disease devastating 'Goldsturm'. Zone 7 *Cresson*
- Rud1850** *Rudbeckia fulgida* var. *sullivantii* 'Goldsturm' Per. Sun. 12 x 12"; to 2' in bloom. Summer-Fall.
1181 Yellow flowers. 2-3' tall and 1-2' wide. Low maintenance, herbaceous perennial. Upright, rhizomatous, clump forming perennial. Germ: NST. *Cyphers*
1277 A workhorse of a plant. Blooms almost all summer and into fall. Zone 6a *Haas*
- Rud3500** *Rudbeckia lactiniata* CONEFLOWER Per. Sun. 2 x 2'; from 4-6' in bloom. Summer-Fall.
3178 Yellow flowers. Spreads somewhat aggressively. Germ: CMS 60 days; R; OW. *Standen*
- Rud4050** *Rudbeckia maxtma* GIANT CONEFLOWER Per. Sun/PtShade. 6-7' x 2'. Summer. Zone 4-9.
2515 Yellow blooms. Tall coneflower with glaucous blue leaves. Tolerates a wide range of soils--have it in a dry location and a very moist location. Loves full sun. Zone 6 *Doblmaier*
3651 Glauous, paddle-shaped leaves adorn towering flower stalks that bear composite blooms with a contrast of dark protruding disks and bright yellow rays. Central & southern U.S. Germ: SS. W. NST. Zone 6b *Gannon*
9985 Yellow and brown blooms. Large glaucous basal leaves, tall sturdy stems, and extra long conical brown disks in the center of yellow petals. No need to stake or cut back in early summer to avoid flopping plants. Germ: W. NST. We winter sow this species and it does well. Zone 7a *Jenkins Arboretum*
- Rud4800** *Rudbeckia* species An./Bien. Sun/PtShade. 2 x 1-2'. Summer/Fall.
1939 Red and yellow flowers. Maybe a hybrid. Blooms in mid-summer. 2' tall. Germ: NST; SIS. Zone 6b *Urffer*
- Rud5100** *Rudbeckia triloba* BLACK-EYED SUSAN, BROWN-EYED SUSAN Bien./Per. Sun/PtShade. 5 x 3'. Summer-Fall.
0496 Native biennial/perennial, sun/shade 5ft x 3ft summer. Self seeds readily and blooms in 2nd year. Not as deer and ground hog tolerant for me as I would like so blooms are always welcome where they show up. *Kirkby*
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*
1585 Flowers orange with brown centers. Clouds of small orange daisies cover branches in late summer, attracting both bees and butterflies. Germ: NST. Self-sows. *Scofield*

Rumex - Salvia

- 1918 Yellow flowers. Long-blooming, summer-flowering, easy care perennial. Short-lived, but probably will self-sow. North American native. Seed heads for birds. Will grow in part shade. Germ: NST. SIS. *Carey*
9985 Zone 7a *Jenkins Arboretum*
- Rum0010** *Rumex acetosa* SORREL Per. 1.5-2' x 1.5-2'. Full sun. Summer. Zone 3-7.
1228 *Labash*
- Rum0040** *Rumex sanguineus* BLOODY DOCK Per. Sun. 15-18 x 15-18". Zone 5-8.
1918 Insignificant flowers. Easy to grow for its decorative red-veined leaves that can be harvested and eaten when young - in small quantities. Germ: NST. SIS. *Carey*
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.
1228 Yellow flowers. Cut flower. Butterflies love it. Popular with potters for the leaf. Germ: WMS. *Labash*
1585 Greenish-yellow flowers. Attractive leaves are many-lobed and dusky blue-green. Plant looks good all season. Seems to prefer lean, sandy soil. Germ: NST; SIS. *Scofield*
- 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*
- Sab1100** *Sabatia kennedyana* PLYMOUTH ROSE GENTIAN Per. Sun/PtSun. 1-2'. Native to northeastern U.S. Zone 6-9.
1277 Bright pink blooms for bog garden or moist soil. Zone 6a *Haas*
- 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. Native to central US. A real bee magnet. Zone 6 *Doblmaier*
- Sal0650** *Salvia azurea 'Nekan'* BLUE SAGE Per. Sun. 2-4 x 2-3'. Summer-Fall.
1580 Light blue blooms. Grows to 5' if unpruned. Full sun and drought tolerant. US Native. Germ: SIS. Zone 6-7 *Romenesko*
- Sal1100** *Salvia coccinea 'Brenthurst'* An. Sun. 20-30 x 12". Summer-Fall.
0318 Pink. An. Sun. 20-30 x 12". Summer-Fall. *Garnett*
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. *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 7 *Creveling*
1277 Red flowers. Airier than ~S. splendens~. Germ: NST, W. Zone 6a *Haas*
- Sal1750** *Salvia forskaoblei* Per. Sun/PtShade. 1½ x 1½'. Summer.
1607 Blue-violet flowers. Germ: L. W. Zone 7a *Jellinek*
- Sal1760** *Salvia glabrescens* Per. PtShade. 2 x 3'. Fall. Zone 5a-7b.
0199 Pink/purple blooms. Per. PtShade. 2 x 3'. Fall. Pink or purple flowers bicolored with white. Seed from Ed Bowens hybrids between the species and var. robustum combining compact habit with larger flowers. An improvement over older cultivars. Zone 7 *Cresson*
- Sal2350** *Salvia guaranitica* ANISE-SCENTED SAGE An./TenPer. Sun/PtShade. 5 x 2'. Summer-Fall.
0318 Deep, strong, true blue flowers. *Garnett*
0522 Brilliant, true-blue flowers. Blooms for months. *Kushner*
0590 Blue flowers. Collected from some cobalt blue and medium blue specimens. Zone 7a *Mabony*
- Sal3370** *Salvia nutans* NODDING SAGE Per. Sun/PtSun. 48". Early Summer Zone 6-8.
0032 Pendent clusters of purple flower. Tolerant of heat and humidity. *Plant Delights*
- Sal3860** *Salvia patens* 'Oxford Blue' GENTIAN SAGE Annual. 2-2.5'x1-1.5'. Summer. Full sun to partial shade. Zone 8.
0084 Gentian blue flowers. Good pollinator plant. Has tuberous roots and can be dug in fall to overwinter like Dahlia. Zone 6b *Bowditch*
- Sal4050** *Salvia penstemonoides* GIANT RED TEXAS SAGE Per. Sun/PtShade. 3-5' x 12". Summer-Fall. Zone 6a-9b.
2515 Fuchsia-colored blooms. Native wildflower. Germ: NST. Zone 6 *Doblmaier*
- Sal4250** *Salvia reptans* West Texas form COBALT SAGE Perennial. Full sun to Partial shade. 3' tall. Summer.
2515 Blue flowers (need I say any more??) on slightly arching stems of this Salvia. Planted this with the annual Abielmoschus manihot and it was stunning in late Summer/early Fall. Zone 6 *Doblmaier*
- Sal4500** *Salvia sclaria* var. *turkestanica* CLARY SAGE Bien. Sun. 30 x 18"; to 36" in bloom. Spring-Summer.
0199 White/pink flowers. Striking tall spikes of white flowers with pink tinged bracts. Large basal leaves. Should self-sow. Zone 7 *Cresson*
- Sal4910** *Salvia splendens* 'Peach' An. PtShade. 3-4 x 3'. Summer-Fall.
0522 A tall coral peach salvia. Mine grew to 5' and started blooming in June-October. *Kushner*
0965 Peach form. Late bloomer in luscious shade of soft shrimp pink. Not your typical red salvia. Three foot plants bloom in fall with loose spires of peach flowers. Shade. Gorgeous. Wouldn't be without it. Zone 7a *Umpbrey*
- Sal5300** *Salvia uliginosa* BOG SAGE An./TenPer. Sun. 4-6 x 3'. Late Summer-Fall. Zone 6a-10b.
2515 Blue flowers. Can tolerate a wet site. Flowers later in the summer. Zone 6 *Doblmaier*
- 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*
- San0600** *Sanguisorba canadensis* CANADIAN BURNET Per. Sun/PtShade. 6 x 3'. Summer-Fall.
0199 Useful for late bloom, sort of like late cimicifugas. Prefers moist soil. 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 *Mabony*
- 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*
- San2530** *Sansevieria cylindrica* AFRICAN SPEAR PLANT TenPer. PtSun/PtShade. 3'. Winter. Zone 10-11.
0199 White blooms. After 40 yr from a cutting, this houseplant finally bloomed and produced a few seeds. Leaves tall and cylindrical or round in x-section. Flowers very fragrant. Zone 7 *Cresson*

Sapindus - Sedum

- Sap0100** *Sapindus drummondii* WESTERN SOAPBERRY Tree. Sun/PtSun. 20-50'. Zone 6-9.
3561 Fine-textured tree with Southwest flair. Up to 10" panicles of white flowers in late spring followed by amber fruit and yellow fall foliage. Germ: Scfy. CMS: 60 days. *Gorman*
- 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. *Scofield*
- Sar0800** *Sarcococca hookeriana* var. *digyna* 'Purple Stem'
0199 Creamy white flowers. This striking 2-3' tall form is rarely seen in this country. Less hardy than *S. hookeriana* var. *humilis* but has done well in a protected location in recent years and is a great addition to the winter garden. Late winter bloom. Black fruit in Autumn. Zone 7 *Cresson*
- Sar1050** *Sarcococca hookeriana* var. *humilis* HIMALAYAN SWEET BOX Shrub. PtShade/Shade. 1½ x 3'. Late Winter.
0522 White flowers. Evergreen shrub/groundcover that thrives in deep shade. Fragrant flowers in the winter. Black fruits appear in the autumn. Germ: W; BC. *Kushner*
- Sar1400** *Sarcococca orientalis* WINTER BOX Shrub. 4'. Zone 6-9.
0199 White flowers. December bloom! Relatively new species from China. Surprisingly hardy. Rounded evergreen shrub with fragrant white flowers from pinkish buds. Takes heavy shade. Black fruits ripen the following autumn. Zone 7 *Cresson*
- 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*
0522 Yellow flowers. Related to *Asarum*, and *Saruma* is a play on that name. Splendid addition to the shade garden edge. Felty leaves. When well sited will bloom off and on for months. *Kushner*
- Sau1050** *Sauromatum venosum* VOODOO 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*
- Sci1010** *Scilla autumnalis* AUTUMN SCILLA Bulb. Sun/PtShade. 2" to 12" in bloom. Summer-Fall. Zone 5-9.
0045 Purple blooms in fall. A pleasant novelty for the late summer. A delicate, hardy squill to 1'. Grow in the front of your garden for late season interest. Germ: NST. 90 d. Do not overwater seed. Zone 6b7a *Bartlett*
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*
- Scu4010** *Scutellaria incana* DOWNY SKULLCAP Per. Sun/PtShade. 2-3 x 2'. Summer-Fall.
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*
2515 Blue flowers and gray foliage is attractive together. Reseeded slightly for the first time this year. Easy to remove "extras". Germ: NST. Zone 6 *Doblmaier*
- Scu4400** *Scutellaria ovata* HEART-LEAF SKULLCAP Per. 12 -28". Late Spring-Early Summer.
0199 Blue-purple blooms. A pretty plant with blue-green leaves, spreading by rhizomes. Tolerates poor dry soils. Southeastern US. Zone 7 *Cresson*
- Sed1600** *Sedum spectabile* Per. Sun/PtSun. 1 x 1'. Fall. Zone 4-9.
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*
- Sed1900** *Sedum ternatum* THREE-LEAVED STONECROP Per. .5'x.75'. Full sun to partial shade. Spring. Zone 4-8.
1939 White flowers. Germ: Germination takes 15-30 days; BH; L. Zone 6b *Urffer*

- 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 7 *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*
3540 Zone 7 *Rifici*
- 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. *Robinson*
1017 3-4' bushy, yellow pea flowers in late summer Zone 5b *Whitesell*
3651 Upright growth supports matte green, locust-like compound foliage and clusters of yellow blooms with brown anthers. Pendent legumes subsequently form, which darken and persist on plants into winter. Mesic conditions; E. North America. Germ: Scfy. BC. BH. Zone 6b *Gannon*
- Ses1000** *Sesame indicum* SESAME Annual. 3'. Full sun-partial shade. Summer.
2515 Interesting annual that produces edible sesame seeds. White flowers all summer. Remove the seed heads in August or when they open or look ripe and place in a paper bag upside down. Drought tolerant. Germ: NST. Zone 6 *Doblmaier*
- Ses1650** *Seseli gummiferum* MOON CARROT Bien./Per. Sun. 15 x 12". Summer.
3132 White flowers. Germ: SIS from Fall to early Spring. Zone 7a *Axel*
- 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 An./Bien. Sun/PtShade. 12-24" in bloom. Summer.
0797 Hot pink blooms. Germ: SIS; NST. Self-sows. *Robinson*
- Sil0250** *Silene coelt-rosa* 'Blue Angel' ROSE OF HEAVEN, BLUE GERMAN CATCHFLY Per. Sun. 12-18". Late Spring-Early Fall. Zone 3-5.
9968 Showy, blue-blossomed annual. Grows 6-18" and flowers in summer. Suitable as a cut flower and tolerant of poor soils. Germ: Direct sow seeds 1/4" deep into prepared and pre-watered soil. Seedlings should appear in 2-3 weeks. Think to 6" apart. Zone 7a *Roper*
- Sil1700** *Silene regia* ROYAL CATCHFLY Per. Sun/PtShade. 2½ x 1'. Summer.
0199 Reddish orange blooms. Tall 4' spikes July-August resemble cardinal flower, but thrives on dryish clay in sun to part shade. Easy mid-Western and Southern native in prairies and open woods. Zone 7 *Cresson*
1277 Red flowers. Grow on the dry side. Very similar to ~*Silene virginica*~, Fire Pink. Zone 6a *Haas*
- Sil2010** *Silene species* CAMPION, CATCHFLY Per. Sun. 8-15 x 12"; to 24" in bloom. Late Spring-Summer.
0592 Vivid pink flowers. Dainty self-sower, no great shakes, just nice to have around. When it tires, I weed it out; volunteers are apt to appear any time. Somewhat winter hardy. Picks well. Germ: SIS, NST. Pleasant self sower. Zone 6 *Malocsay*
- Sil2500** *Silene subciliata* Per. Sun/PtSun. 2 x 1½'. Fall.
2515 Red flowers in August and September. Took 2 years to bloom from seed. Germ: CMS; OW. Zone 6 *Doblmaier*
- Sil4200** *Silphium mobritii* SHAGGY ROSINWEED Perennial. Sun/Pt Sun. 2'-5' x 3'. Late Summer. Zone 5-9.
0065 *Berger*
0199 Yellow flowers. The allure of this plant is the soft lemon-yellow flowers in late summer on branched stalks above large basal leaves. A respite from the many mustard yellow Autumn daisies. A southeastern US native. Zone 7 *Cresson*
3651 Broadly lanceolate, bright green leaves are largest at base and decrease in size as they ascend sturdy stalks that branch at their ends, yielding pale yellow blooms that emerge from attractive whorls of involucre bracts. Entire plant is conspicuously covered with short, bristly hairs. Prefers sun, average moisture, and infertile soils; S.E. U.S. Germ: BC. W. NST. Zone 6b *Gannon*
- Sil4260** *Silphium perfoliatum* CUP PLANT Per. Sun/PtShade. 8 x 4'. Summer-Fall.
0951 Yellow composite flowers. Tall in rich soil. Great green seedpods are a bonus. *Tracey*

Sisyrinchium - Stachys

9985 Zone 7a *Jenkins Arboretum*

- Sis0870 *Sisyrinchium angustifolium* 'Lucerne' BLUE-EYED GRASS Per. Sun/PtShade. 6-12" x 6-12". May to June. Zone 4-8. 3397 Nativar self seeds. Volunteers can be easily transplanted to make a nice clump. Blue flower with yellow eye. Germ: CMS 60 days. Zone 6b *Egbertson*
- Sol0200 *Solanum atropurpureum* CRUELLA DE VIL, PURPLE DEVIL TenPer. Sun. 3-6 x 3-4'. Summer. Zone 10a-11. 3561 Dramatic tomato relative covered in blackish-purple spines and thorns. Also known as Malevolence, with good reason. Germ: BH: 16 days. *Gorman*
- Sol0750 *Solanum lycopersicon* 'Hagan's Little Yellow' HAGAN'S LITTLE YELLOW CHERRY TOMATO Ann. 5'x2'-3'. Full sun. Summer. 0199 Yellow blooms. A good tasting yellow cherry tomato that is truly crack resistant, even after a rain! Prolific all summer. An heirloom, originally from Seed Savers where you can get the full story. Indeterminate. Zone 7 *Cresson*
- Sol0990 *Solanum "mysterium"* 0475 From the one and only brilliant garden artist: Simple. Smaller than a marble, and sweeter than a dog's face, these tiny gems are most appreciated bursting in late summer salads and perfect for foraging. Zone 5 *Kaplan*
- Sol1450 *Solidago bicolor* SILVERROD Per. Sun/PtShade. 1-3'. Summer-Fall. 0199 White flowers. The only white-flowered goldenrod species. White flowers born in terminal spikes. Easy native. Originally from Eastern Shore of Maryland in dry shade, clay soil on a wood's edge. Zone 7 *Cresson*
- Sol1500 *Solidago caesia* WREATH GOLDENROD Per. PtShade/Shade. 2'. Fall. 0199 Yellow flowers. Tolerant of dry shade. A good nonspreading goldenrod for dry shade that looks great in fall with woodland asters Zone 7 *Cresson* 1607 Yellow flowers. Can take shade, flowers in loose clusters in leaf axils. Germ: CMS: 90 - 140 days, then shift to 70F for germination. Zone 7a *Jellinek* 2497 Yellow flowers late summer to fall. Native to eastern U.S. Deer resistant. Germ: CMS Zone 7b *Mackey*
- Sol2500 *Solidago ptarmacoides* UPLAND WHITE ASTER Per. Sun/PtShade. 12 x 12". Summer. 0951 White blooms. Great drought tolerant, mid summer native. *Tracey*
- Sol2800 *Solidago rigida* STIFF GOLDENROD Per. Sun/PtShade. 1-5'. Late Summer-Fall. 0522 Bright yellow blooms. Not an elegant perennial, but fits well into a wilder garden setting. Blooms August-September in full sun. *Kushner*
- Sop2200 *Sophora secundiflora* TEXAS MOUNTAIN LAUREL Shrub. 10'-20'. Full sun to partial shade. Spring. 0045 Blue-indigo pea flowers in Spring. A loose, thorny shrub. Dark green pinnate foliage. Long living. Germ: Soak overnight; NST; Give seedlings a season before transplanting. Zone 6b7a *Bartlett*
- 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 *Garnett* 1277 Zone 6a *Haas*
- Spi7000 *Spiranthes cernua* COMMON LADIES' TRESSES Per. PtShade. 9-24" x 9-12". Fall. Zone 5-9. 1277 White flowers on a perennial bog plant. Very late blooming. Heavenly fragrance. Needs acid, low-nutrient, moist conditions. I sprinkled seeds in my container bog garden and have about a hundred of them growing. Zone 6a *Haas*
- Spo1050 *Sporobolus heterolepis* 'Rhoda' Per.Grass 0032 *Plant Delights*
- Spo1250 *Sporobolus wrightii* GIANT SACATON PerGrass. Sun. 4-6' x 3-5'. Zone 5-9. 0032 *Plant Delights*
- 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. *Scofield*

- Sta3340** *Stachys officinalis* 'Hummelo' PURPLE BETONY Per. Sun/PtShade. 24-36 x 18-24". Summer. Zone 4-9.
2515 Pink to rose flowers. Deer do not eat it in my garden- they nibble on most other plants nearby. Can tolerate many different conditions since this plant is thriving in a shadier area that has moister soil. Zone 6 *Doblmaier*
- Sta5100** *Stachyurus praecox* DJH432 (Heronswood) Shrub/Tree. PtShade. 15-18'. Winter.
0522 Yellow flowers. A stunning Stachyurus purchased from Heronswood in 1998. Notable for its 5" racemes loaded with flowers and large seed capsules. On steroids? One of the many treasures from the wonderful Heronswood Nursery. *Kushner*
- Ste1050** *Stewartia pseudocamellia* JAPANESE STEWARTIA Tree. Sun. 20-40+ x 20'. Summer.
0239 White flowers. Germ: OW; seed can take several years to germinate; Rtp. Zone 6 *Doering*
- Ste1400** *Stewartia rostrata* Shrub. Sun/PtShade. 15-25'. Spring. Zone 6-7.
3666 White with pink blush. 20' to 30'. Fast growing and flowering, good fall color. Germ: WMS, then CMS, then WMS again. Zone 5 *McGowan*
- Sti2550** *Stipa tenuissima* Per/Grass. Sun. 2 x 2'. Summer. Zone 7-10.
0065 *Berger*
- Sto2000** *Stokesia laevis* STOKES ASTER Per. Sun/PtShade. 1-2' x 1-1.5'. Summer. Zone 5-9.
3321 Some blue, some yellow blooms. Late summer bloomer, easy to raise from seed. Germ: W, SR. Zone 6 *Perron*
- 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 7 *Creveling*
- Str0500** *Strophostyles umbellata* PINK FUZZY BEAN Per. Vine. Zone 6-9.
2497 Herbaceous vine, trails or twines weakly. Pink flowers on and off through summer. Native to eastern U.S. Zone 7b *Mackey*
- Sty0500** *Stylophorum diphyllum* CELANDINE POPPY Per. PtShade/Shade. 1-1½ x ½-1'. Spring.
1228 Yellow flowers. Beautiful planted under trees. Germ: Stratification then WMS. *Labash*
- 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. *Kushner*
- 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~. *Kushner*
- Sty5300** *Styrax japonicas* var. *fargesii* STYRAX JAPONICUS Tree. Sun. 25 x 20'. Spring. Zone 5-9.
2137 Germ: Cycle: Use repeated cycles of 68°F, then 40°F for 3 mo each. Germination is very prolonged. Zone 6b *Boylan*
- Sty5550** *Styrax obassia* FRAGRANT SNOWBALL Tree. Sun/PtShade. 20-30 x 15-25'. Spring. Zone 5-8.
0522 White flowers. More robust than ~S. japonicus, ~ leaves larger. Same bell-shaped, fragrant flowers. Germ: WMS, 90 d, CMS, 90 d, Cycle warm then cold; C. *Kushner*
- Sym0050** *Symphoricarpos orbiculatus* CORALBERRY Shrub. 2'-5' x 4'-8'. Full Sun-Partial Shade. Summer Zone 2-7.
1228 Pinkish-white flowers. Wildlife plant. *Labash*
- Sym0100** *Symphyotrichum* '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. lateriflorus. Zone 7 *Cresson*
- Sym0200** *Symphyotrichum drummondii* Per. Sun/PtShade. 5'. Fall.
0199 Pale lavender flowers. Branched, dense racemes of numerous, small pale lavender to near white daisies in October. Quite showy and rare. Native. Zone 7 *Cresson*
- Sym0450** *Symphyotrichum laevis* SMOOTH ASTER Per. Sun. 2.5-3' x 2-2.5'. Fall. Zone 4-8.
3540 Light blue blooms. Germ: SR. Zone 7 *Rifici*

Symphotrichum - Tanacetum

- Sym0550** *Symphotrichum lateriflorum* Per. Sun/PtSun/PtShade. 2-4 x 4'. Fall.
0199 White. A blizzard of tiny white daisies in October. Local native for dry shade, but will grow anywhere. A clumper. Can be cut back in midsummer to make plants shorter. Self-sows freely. Zone 7 *Cresson*
- Sym0610** *Symphotrichum novae-angliae* NEW ENGLAND ASTER Per. Sun. 3 x 2'. Fall. Zone 4-8.
3540 Germ: CMS: 90 d Zone 7 *Rifici*
- Sym0630** *Symphotrichum novae-angliae* 'Harrington Pink' NEW ENGLAND ASTER Per. Sun. Fall.
2515 Bright pink flowers. Spreads slowly, but will fill a space eventually. Zone 6 *Doblmaier*
- 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** *Symphotrichum sericeum* WESTERN SILVERY ASTER Perennial. Sun/Pt. Sun. 1'-2' tall. Fall.
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. Zone 7 *Cresson*
- Sym0900** *Symphotrichum sbortii* SHORT'S ASTER Per. Sun/PtShade. 2-4'. Midsummer-Fall. Zone 3-8.
2429 A woodland aster with bright purple flowers. Zone 6 *Bricker*
3178 Purple flowers. Larger bloom than *S. cordifolium*. Germ: CMS 30 days; R; OW. *Standen*
- Sym1250** *Syneilesis aconitifolia* SHREDDED UMBRELLA PLANT Per. PtShade/Shade. 1.5-3' x 1.5-2'. June-July. Zone 4-8.
1607 Pink/white insignificant flowers. Great dissected foliage. Shade tolerant. Germ: CMS 30 days; BH; BC. Zone 7a *Jellinek*
2137 Grown for its foliage more than the white flowers. Umbrellas of finely dissected leaves that are covered with a silvery fuzz as they emerge in spring. Will form nice clumps over time. Germ: W. 90 d. Sets very little viable seed. (Good seed is fat and substantial and does not yield to pressure.) Zone 6b *Boylan*
2621 Shredded umbrella plant, is an herbaceous perennial of the aster family that is native to hillside forest margins. Unique attractive foliage. Drought tolerant. Zone 6 *Nachlas*
3651 Striking peltate leaves each to 10" across are palmately dissected into 7-9 lobes with ragged margins. Tubular, pale mauve bracts part to reveal small and somewhat demure, yet botanically intriguing, starry white flowers with darker mauve stamens that are distinct from those typical of the Compositae. Spreads gradually along rhizomes. Consistent moisture. E. Asia. Germ: BC. W. NST. Sow fresh- short/low viability. Zone 6b *Gannon*
- Sym1550** *Syneilesis palmata* 'Kikko' KIKKO SHREDDED UMBRELLA PLANT Per. PtSun/PtShade. 12-18". Zone 4-8.
1580 White, insignificant flowers. Grown for its lacy foliage with distinct yellow veins evident from spring to mid summer. Seedlings come true with yellow veins. Germ: BC. SIS. Zone 6-7 *Romenesko*
- Tag1100** *Tagetes linnaeus* 'Burning Embers' MARIGOLD Annual. 2-3'x1.5'. Full sun. Summer-Fall.
0522 Red flowers etched in gold. An heirloom Marigold of considerable size. A lovely filler plant. Grow mine with *Salvia splendens* 'Peach' and 'Torch' *Tithonias*. Always looks fresh. Source: Select Seeds. *Kushner*
- Tal1150** *Talium calyctum* 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°. *Kushner*
- Tal1260** *Talium 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. *Kushner*
3436 Pink blooms with little reddish brown fruits. Annual that self sows. Germ: W, SS, NST. Zone 7a *Silberstein*
- Tan2010** *Tanacetum parthenium* FEVERFEW Per. Sun. 8-10"; to 2' in bloom. Summer.
1228 White flower with yellow center. Uses: Cut flower and medicinal. Germ: MWS. *Labash*
1918 Yellow and white blooms. Easy to grow herb with flowers that start in the end of May and taper off during the summer. Herbivore and pest resistant due to fragrant foliage. Germ: NST. SIS. *Carey*
- Tan3100** *Tanacetum vulgare* TANSY Per. Sun/PtSun. 1-3 x 1-2'. Summer. Zone 3-8.
1228 Yellow flowers. Culinary uses. Is on some states invasive plant lists. Germ: WMS. *Labash*

- 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*
- Teu1600** *Teucrium hircanicum* GERMANDER Per. Sun/PtShade. 1-2' x 1½'. Summer/Fall. Zone 6-9.
1277 Purple flowers. I love this plant! It blooms and blooms. Even after the flower petals fall, the seed heads maintain a purplish color. Zone 6a *Haas*
- Tha1250** *Thalictrum actaeifolium* MEADOW RUE Per. Sun/PtShade. 2 x 2'. Early Summer. Zone 5-8.
1537 Light purple flowers, sun or part shade, summer flowering, 80 cm tall and 65 cm wide. Germ: My experience is to winter sow, and either plant out in summer if seedlings are large enough, or pot up and grow in light shade until the following spring. If germination doesn't happen after a month, expose the seeds to cool, around 40 F, for a month. Zone 7a *Happel*
- Tha1600** *Thalictrum chelidontii* Per. PtShade. 1-2 x 2'; from 3-7' in bloom. Summer. Zone 5-9.
0592 Lavender blooms. Lovely. I do support in bloom which, like ~T. rochebrunianum~, keeps coming to summer's end. Needs support. Zone 6 *Malocsay*
- 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.
0592 Lilac flowers. Towering yet dainty in foliage and flower. Give shade in really hot places. Self-sows where happy. Germ: NST. Zone 6 *Malocsay*
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*
- Tha3800** *Thalictrum rochebrunianum* var. *grandisepalum* GIANT MEADOW-RUE Per. PtSun. 6-7' x 4-6'. Late summer. Zone 4a-7b.
0032 PDN#01A-C. Garden Location: ~Xylosoma japonicum~ Seed Source for Plant: GBG131 Seed Collected: 9/11/17; 10/24/17 *Plant Delights*
- Tha4250** *Thalictrum uchiyamae* MEADOW RUE Per. Sun/PtShade. Summer.
0199 Greenish white flowers. Very rare Korean species. Successfully weaves up through shrubs. A texture plant. Zone 7 *Cresson*
- The2050** *Thermopsis villosa* SOUTHERN LUPINE, CAROLINA LUPINE Per. Sun/PtShade. 4-7 x 2-4'. Late Spring-Summer.
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. *McShane*
1017 Yellow pea flowers in late May. Nice foliage. Plants are tall and statuesque, strongly vertical and self-supporting. Relatively drought tolerant. Zone 5b *Whitesell*
1277 Yellow flowers. Does not tend to flop. Zone 6a *Haas*
2621 Yellow flowers. Nice spring-time 'bush'. 3 x 4', full sun, dry to medium soil. Tap rooted. Germ: C, NST. Zone 6 *Nachlas*
- Tia2500** *Tiarella uberryi* FOAMFLOWER Per. PtShade. 8 x 15"; to 12" in bloom. Spring. Zone 5-7.
1277 Zone 6a *Haas*
1607 White, tinged with pink blooms. Zone 7a *Jellinek*
- Tit0050** *Tithonia rotundifolia* MEXICAN SUNFLOWER An. Sun. 4-6 x 1'. Summer-Fall.
0951 Orange flowers. Big, fast-growing annual. Great for pollinators! *Tracey*
- Tit2260** *Tithonia rotundifolia* 'Torch' MEXICAN SUNFLOWER An. Sun. 4-6 x 1'. Summer-Fall.
0065 Red flowers. *Berger*

Tricyrtis - Vernonia

- 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*~. *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 6 *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. *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*
- Tri3950** *Tricyrtis latifolia* TOAD LILY Per. PtShade. 3 x 1'. Early Summer.
0318 Green-yellow flowers with brown spots. More upright than arching. Blooms in July. Self-sows. Germ: SS. *Garnett*
- 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 6 *Doering*
- Tro8500** *Tropaeolum majus* 'Moonlight' NASTURTIUM An. Sun.
0084 Pale yellow flowers. Trailing vine. Attracts pollinators. Germ: Soak seed for 12 hours, then sow. Zone 6b *Bowditch*
- Vel4250** *Veltheimia bracteata* TenBulb. Sun. 1½'. Spring.
0084 Pink flowers. Zone 6b *Bowditch*
- Ver3100** *Verbena bonariensis* PURPLE VERBENA, BRAZILIAN VERBENA TenPer. Sun/PtShade. 4 x ½'. Summer-Fall.
0318 *Garnett*
0590 Purple-magenta flowers. Easy, floriferous. Seeds a bit but wouldn't be without it. Germ: NST. Zone 7a *Mabony*
1228 Purple flowers. Cut flower. Butterflies like it. Considered invasive in Deep South. Germ: WMS. *Labash*
2937 Zone 6a *Bittmann*
- Ver3400** *Verbena hastata* 'Pink' Per. Sun. 3 x 2'; to 4' in bloom. Summer.
1224 Pink flowers. Germ: CMS: 14-21 days cold then 70 degrees. BC. Max. Germ. Time: 3-5 days. Zone 5 *Lockhart*
- Ver3430** *Verbena officinalis* var. *grandiflora* 'Bampton' COMMON VERVAIN Per. Sun/PtSun. 3'. Summer/Fall.
1224 Violet-pink flowers. Germ: L; SS; NST; SIS. Zone 5 *Lockhart*
- 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 *Bartram's Garden*
- Ver5480** *Vernonia fasciculata* IRONWEED Per. Sun/PtShade. 3-6 x 2-3'. Mid-Summer.
0199 Reddish purple flowers. Shorter, more compact, and earlier blooming (July) than other ironweeds. Zone 7 *Cresson*
- Ver5850** *Vernonia glauca* UPLAND NEW YORK IRONWEED Per. 5 x 3'. Fall.
0199 Purple flowers. At 4-5' this is more garden sized and also blooms a little earlier, in late summer, than many other species. Zone 7 *Cresson*
- Ver6050** *Vernonia noveboracensis* IRONWEED Per. Sun/PtShade. 4-7 x 2-3'. Summer-Fall. Zone 5-8.
1181 Purple flowers. 4' tall and 3' wide. Low maintenance herbaceous perennial. Tolerates deer and a wide soil range, but prefers moist, rich soils. Germ: NST. *Cyphers*
1224 Purple flowers. Germ: OW. Zone 5 *Lockhart*
3540 Germ: CMS: 90 d Zone 7 *Rifici*

9985 Zone 7a *Jenkins Arboretum*

- Ver8500** *Veronicastrum virginicum* CULVER'S ROOT Per. Sun/PtShade. 6 x 1½'. Summer/Fall.
1277 Bluish white flowers. Nice tall meadow plant. Native. Germ: CMD 3 mo. Zone 6a *Haas*
- Ver8560** *Veronicastrum virginicum* 'Album' CULVER'S ROOT Per. Sun/PtSun. 4-7 x 2-4'. Summer. Zone 3-8.
1181 White flowers. 4-6' tall and 2-3' wide. Native, herbaceous perennial. Attracts butterflies and tolerates wet soil.
Deadheading will extend bloom period. Germ: NST. *Cyphers*
- 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. *Kushner*
- Vib2560** *Viburnum x rhytidophyoides* HYBRID LEATHERLEAF VIBURNUM Shrub. Sun/PtSun. 6 x 6'.
3436 Broadleaved evergreen, deer resistant, shade and drought tolerant. Germ: CMS; BC. Zone 7a *Silberstein*
- Vib2650** *Viburnum sargentii* 'Onondaga' SARGENT VIBURNUM Shrub. 15+'.
0522 White and maroon flowers. An upright Viburnum with lovely maroon leaf color in the Spring. Flowers are like pinwheels in white and maroon opening in May. Introduced at the US National Arboretum by Dr. Donald Egolf in 1966.
Germ: CMS 90 d. Volunteers have grown from dropped seed. *Kushner*
- Vio0500** *Viola corsica* Sun/PtShade. ½ x 1'. Spring-Fall.
0199 Purple-blue blooms. Per. Sun/PtShade. 6 x 12". Spring/summer. This scarce little native of Corsica and Sardinia is surprisingly tough and long blooming. Give it space to reseed and this short-lived perennial will become a permanent resident and rarely be out of bloom. A natural for rock gardens and among low perennials and bulbs. Zone 7 *Cresson*
- Vit1640** *Vitex agnus-castus* CHASTE TREE Shrub. Sun/PtSun. 12 x 12'. Summer.
0045 Purple blooms in midsummer on a large shrub. More common in South. Pointed heads of flowers in July-August. Full sun. To 12' tall. Dieback in colder areas, fully hardy here in PA for 35 years. Germ: BC, NST. Do not overwater seedlings.
Seeds and seedlings prefer a bit dry. Zone 6b7a *Bartlett*
1228 Blue flowers. Uses: Medicinal and cut flower. Bees and butterflies love it. Germ: WMS. *Labash*
- Vit1850** *Vitex negundo* var. *heterophylla* Shrub. Sun. 10 x 10'. Summer/Fall.
0045 Purple-blue blooms most of summer. Smaller, hardier, easier to use, and more delicate than ~*V. agnus-castus*~, so better in a small, full sun garden. Interesting leaves. Takes heat and drought well. Not used enough. Germ: NST. Do not overwater seedlings, they like to be a bit on the dry side. Zone 6b7a *Bartlett*
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*
1228 Pale steel-grey flowers. Uses: Medicinal and cut flower. Bees and butterflies like it. Germ: WMS. *Labash*
- Yuc1050** *Yucca filamentosa* ADAM'S NEEDLE Per. Sun. 3-6' in bloom. Summer.
0592 Dwarf form. Came to me unlabeled. 12-18" to 3' in bloom - soft pink and very long lasting. Doted on by hummingbirds and pollinators. Overwinters in Pittsburgh. Zone 6 *Malocsay*
- Zan2000** *Zantedeschia albomaculata* SPOTTED CALLA LILY Bulb. Sun/Ptshade. 2 x 2'. Summer. Zone 6-10.
0199 White flowers. White spotted arrowhead foliage. The hardiest species, happy with moist average soil in part shade and a winter mulch. Zone 7 *Cresson*
- Zan2100** *Zantedeschia* 'Mango' CALLA LILY PerBulb. Sun/PtSun. 12-18". Summer. Zone 8-10.
0199 Yellow/red blooms. PerBulb. Sun/PtSun. 4". Summer. A hybrid calla that has proven hardy here and blooms during summer with the colors of a ripe mango. In heavy clay soil that tends to stay moist. Zone 7 *Cresson*
- Zan3200** *Zanthoxylum simulans* FLATSPINE PRICKLY ASH Shrub/Tree. 10-20 x 8-10'. Summer. Zone 5-9.
0239 White, insignificant flowers. Blooms in July. Red panicles of seed capsules open to show black seeds. Seed originally from Brooklyn Botanic Gardens tree. Spiny bark is quite ornamental. Germ: Scfy, CMS 3 mo, W, BC. Zone 6 *Doering*

Zea - Zephyranthes

- 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*
- Zep0200** *Zephyranthes* 'Ajax' AJAX RAIN LILY PerBulb. Sun. 8". Summer. Zone 7b- 10b.
0522 Upfacing, straw-yellow/buttery yellow blooms turning cream. Lovely late bloomer. Cross between ~*Zephyranthes candida*~ and ~*Zephyranthes citrina*~ round leaves. 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. *Kushner*
- 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. *Kushner*
- Zep0750** *Zephyranthes candida* RAIN LILY TenBulb. Zone 7-10.
0522 Pure white with golden stamens. Floriferous if well sited. 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. *Kushner*
- Zep1200** *Zephyranthes citrina* RAIN LILY TenBulb. Sun. 3-4 x 8; to 6" in bloom. Spring through Fall.
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. *Kushner*
- Zep1500** *Zephyranthes* 'Crimson Sunset' RAIN LILY Bulb. 8" tall. Full sun. Summer Zone 7b-10b.
0522 Peachy-pink flowers. Large, deep, peachy-pink flowers with a yellow center and yellow veins. A Fadjar Marta-bred plant. A beauty. 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. *Kushner*
- Zep2100** *Zephyranthes 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. *Kushner*
- Zep2550** *Zephyranthes fostert* RAIN LILY TenBulb. Sun/PtShade. 6-12". Late Summer-Fall. Zone 7b-10b.
0522 Good pink bloomer. I grow in pots. Not hardy. Source: Woodlanders. 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. *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. *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. *Kushner*
- Zep2900** *Zephyranthes La Bufa Rose Group* 'Apertif' 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. *Kushner*

- Zep2930** *Zephyranthes La Bufa Rose Group 'Confection'* RAIN LILY Bulb. 8". Full sun. Summer Zone 7a-10b.
0522 White and pink flowers. Very large, white drooping petals with white tips. Source: Yucca Do 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. *Kushner*
- Zep2950** *Zephyranthes La Bufa Rose Group 'Heart Throb'* GIANT PRAIRIE RAIN LILY TenBulb. Sun/PtShade. 6-10 x 4-6". Summer-Fall. Zone 7-10.
0522 Deep pink blooms with white eye, fading a bit. A show stopper. 2" flowers on 6" stems. Pot plant. Source: 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. *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. *Kushner*
- Zep3250** *Zephyranthes macrostiphon* 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. *Kushner*
- Zep3900** *Zephyranthes primulina* 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. *Kushner*
- Zep4600** *Zephyranthes Sunset Strain* RAIN LILY TenBulb. 10". Summer-Fall. Repeat Bloomer.
0522 Prolific, pale apricot blooms. Blooms more often than other varieties. Source: Yucca Do. 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. *Kushner*
- Zin1350** *Zinnia elegans* ZINNIA Annual. Full Sun. 1'-4' tall. Summer
0590 From mix of Cut & Come Again and California Giant. Germ: NST. Zone 7a *Mabony*
- Zin1650** *Zinnia baageana* 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 Red flowers. Not a graceful plant (do support). Not an eye-catching plant, but its modesty and subtle red flowers have bouquet appeal. Interesting how aging in a vase with the water kept clean transitions through shades hard to name. Nice! Zone 6 *Malocsay*
- Ziz2040** *Zizia aptera* HEARTLEAF ALEXANDER Per. Sun/PtShade/Shade. Late Spring. Zone 3-8.
3666 Yellow flowers. Germ: CMS. Zone 5 *McGowan*
- Ziz2150** *Zizia aurea* GOLDEN ALEXANDERS Per. Sun. 2-2½'. Spring-Early Summer. Zone 3-8.
1918 Yellow flowers. Flowers in spring to early summer in bright to part shade. Umbelliferous flowers attract long-tongued insects. Native. Germ: NST. SIS. *Carey*
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 *Maber*

Synonyms

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

<i>Actaea alba</i> Act0880 <i>Actaea pachypoda</i>	<i>Cimicifuga ramosa</i> var. <i>atropurpurea</i> Act2000 <i>Actaea simplex Atropurpurea Group</i>
<i>Allium albopilosum</i> All4500 <i>Allium christophii</i>	<i>Cimicifuga rubifolia</i> Act0800 <i>Actaea cordifolia</i>
<i>Alophia euryandra</i> Enn1000 <i>Ennealophus euryandrus</i>	<i>Cimicifuga simplex</i> (<i>Atropurpurea Group</i>) 'Brunette' Act3100 <i>Actaea simplex Atropurpurea Group 'Brunette'</i>
<i>Aster drummondii</i> Sym0200 <i>Symphyotrichum drummondii</i>	<i>Collinsonia serotina</i> Col1570 <i>Collinsonia punctata</i>
<i>Aster laevis</i> Sym0450 <i>Symphyotrichum laevis</i>	<i>Consolida ambigua</i> Con1050 <i>Consolida ajacis</i>
<i>Aster lateriflorus</i> Sym0550 <i>Symphyotrichum lateriflorum</i>	<i>Consolida ambigua</i> Con1200 <i>Consolida ajacis (white)</i>
<i>Aster novae-angliae</i> Sym0610 <i>Symphyotrichum novae-angliae</i>	<i>Consolida ambigua</i> Con1100 <i>Consolida ajacis (blue)</i>
<i>Aster novae-angliae</i> 'Harrington's Pink' Sym0630 <i>Symphyotrichum novae-angliae 'Harrington Pink'</i>	<i>Cornus angustata</i> Cor2700 <i>Cornus elliptica</i>
<i>Aster oblongifolius</i> 'Fanny' Sym0680 <i>Symphyotrichum oblongifolium 'Fanny'</i>	<i>Cornus kousa</i> var. <i>angustata</i> Cor2700 <i>Cornus elliptica</i>
<i>Aster sericeus</i> Sym0850 <i>Symphyotrichum sericeum</i>	<i>Disporum flavens</i> Dis6650 <i>Disporum uniflorum</i>
<i>Aster shortii</i> Sym0900 <i>Symphyotrichum shortii</i>	<i>Dolichos lablab</i> Lab1050 <i>Lablab purpureus</i>
<i>Belamcanda chinensis</i> 'Hello Yellow' Iri1060 <i>Iris domestica 'Hello Yellow'</i>	<i>Emilia javanica</i> Emi2000 <i>Emilia coccinea</i>
<i>Calamint</i> Cal0070 <i>Calamintha nepeta</i> subsp. <i>nepeta</i>	<i>Engelmannia pinnatifida</i> Eng0500 <i>Engelmannia peristenia</i>
<i>Campanula glauca</i> Pla2000 <i>Platycodon grandiflorus</i>	<i>Eupatorium coelestinum</i> Con0700 <i>Conoclinium coelestinum</i>
<i>Cassia fasciculata</i> Cha0640 <i>Chamaecrista fasciculata</i>	<i>Eupatorium purpureum</i> Eut0550 <i>Eutrochium purpureum</i>
<i>Cassia marilandica</i> Sen2010 <i>Senna marilandica</i>	<i>Eupatorium rugosum</i> Age0700 <i>Ageratina altissima</i>
<i>Cephalaria tartarica</i> Cep1250 <i>Cephalaria gigantea</i>	<i>Gomphrena globosa</i> 'Strawberry Fields' Gom1050 <i>Gomphrena haageana 'Strawberry Fields'</i>
<i>Cimicifuga japonica</i> Act0860 <i>Actaea japonica</i>	<i>Herbertia euryandra</i> Enn1000 <i>Ennealophus euryandrus</i>
<i>Cimicifuga japonica</i> 'Silver Blush' Act0869 <i>Actaea japonica 'Silver Blush'</i>	<i>Hibiscus palustris</i> Hib2000 <i>Hibiscus moscheutos</i>
<i>Cimicifuga racemosa</i> Act0900 <i>Actaea racemosa</i>	<i>Hydrangea villosa</i> Hyd1850 <i>Hydrangea aspera Villosa Group</i>

Kosteletzkya pentacarpos
Kos1250 *Kosteletzkya virginica*

Leucojum autumnale
Aci1100 *Acis autumnalis*

Leucojum autumnale var. pulchellum
Aci1100 *Acis autumnalis*

Mina lobata
Ipo2350 *Ipomoea lobata*

Nasella tenuissima
Sti2550 *Stipa tenuissima*

Ornithogalum candatum
Orn0500 *Ornithogalum longibracteatum*

Panicum palmifolium
Set2000 *Setaria palmifolia*

Persea littoralis
Per1500 *Persea borbonia*

Phlomis tuberosa
Phl0200 *Phlomis tuberosa*

Polygonum virginiana 'Painter's Palette'
Per3250 *Persicaria virginiana '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'*

Rhamnus caroliniana
Fra1000 *Frangula caroliniana*

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

Rosa rubrifolia
Ros3500 *Rosa glauca*

Sapindus saponaria var. drummondii
Sap0100 *Sapindus drummondii*

Scabiosa gigantea
Cep1250 *Cephalaria gigantea*

Senecio aureus
Pac3000 *Packera aurea*

Silene flos-cuculi
Lyc3300 *Lychnis flos-cuculi*

Sinocalyanthus chinensis
Cal4200 *Calycanthus chinensis*

Spilanthes oleracea
Acm0050 *Acmella oleracea*

Tamala borbonia
Per1500 *Persea borbonia*

Tamala littoralis
Per1500 *Persea borbonia*

Thermopsis caroliniana
The2050 *Thermopsis villosa*

Tweedia caerulea
Oxy0200 *Oxypetalum caeruleum*

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

HPS/MAG Seed Exchange Order Form 2021–2022

PLACING YOUR SEED ORDER

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

Each member may order 25 packets of seed, limited to one packet of any particular seed/donor combination. 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.

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,

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

and sent to Mary Ann Thomas, 8600 Elliston Drive, Wyndmoor, PA, 19038. Payment required is \$25.00 if posted online or mailed. **The postmarked deadline is January 18 and the online seed catalog closes on January 21.**

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

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

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.

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 2021–2022 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.