The 23rd annual edition of the Seed Exchange Catalog includes 976 seed donations contributed by 57 gardeners, from beginners to professionals. Over 85 new plants were donated for the first time. As you can see, this seed program includes new plants not previously offered as well as old favorites. We’re sure you’ll enjoy perusing this year’s 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 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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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.

Sandy Vernick ............Seed Exchange Chair
Carole Maher ............Seed Exchange Vice Chair
Jim Bobb ...............Seed Catalog Editor, Data Entry, and Archive Master
Lynn Cherry ............Donation Receiver and Seed Coder
Mary Ann Thomas .....Nomenclature, Code Master, Order Taller, and Proofreader
How to Use this Catalog

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

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

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

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

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

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

Plant types abbreviations
An Annual
Bien Biennial
Per Perennial
TenBulb Tender Bulb
TenPer Tender Perennial
TenShrub Tender Shrub

Germination Codes, Methods

**Pretreatment**
CMS Cold moist stratify. Sow in pot and place outside in January or February, or stratify by placing in the refrigerator for the required time in a sealed plastic bag containing a seeded pot, a mix of seed and some sowing mix, or a layer of seed within damp paper towels. (Seal bag well, since ethylene gas from fruit can affect seed germination.)
Frz Freeze the seed for the period noted.
NST No special treatment.
Scf 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 Plant List (http://www.thelplantlist.org/) and Royal Horticultural Society Horticultural Database (http://apps.rhs.org.uk/horticulturaldatabase/).


**Germination**
DeBaggio; Growing Herbs from Seed, Cutting & Root. (2000)
Deno; Seed Germination Theory and Practice. (1993)
Park Seed Company; Success With Seed.
Phillips; Growing and Propagating Wild Flowers. (1985)
Powell; From Seed to Bloom. (1995)

**Illustrated Books**
We have been asked to recommend some books with good color photos. Many of the plants in this year’s Seed Exchange Catalog are illustrated in one or more of the following:
Ferguson; Right Plant, Right Place. (2005)
Hay and Synge; The Color Dictionary of Flowers and Plants. (1991)
Kohlein and Menzel; Color Encyclopedia of Garden Plants and Habitats. (1994)
Tenenbaum, ed.; Taylor’s Guides, a series of volumes, including Annuals, Perennials, Bulbs, Groundcovers, and Trees.
Abelmoschus manihot. ORNAMENTAL OKRA, SUNSET HIBISCUS. An. Sun. 6+ x 3'. Summer–Fall.
Cresson.
522-Yellow. A back-of-the-border plant. Pale lemony yellow flowers (like tissue paper) with red inside. Best photo and description found in Wayne Winterrowd’s  
Annuals for Connoisseurs. Germ: Soak, 1 hr in lukewarm water before sowing; BC; BH, 5–30 d; soaking is essential. 
Kushner.
817-Six-inch-wide sulfur yellow flowers most of the summer, especially if deadheaded. Has been overwintering at the JC Raulston Arboretum. Entirely worthy as an annual. 
Ruhren.
1865-Yellow flowers with dark red eye. Perennial in pot if kept above 32°F, self-sows, sun. Germ: NST. 
Bennett.

Acer griseum – Acer buergerianum. TRIDENT MAPLE, THREE- 
3001-Native to Eastern China, named for its wide, 
trilobed leaves. To 20–30’, with attractive red/orange 
has been moist packed warm, so will need 2 mo cold on 
receipt. 
Gregg.

Acer palmatum – Acer griseum. PAPERBARK MAPLE. Tree/ 
2294-Small tree. Seedlings sprout beneath mine. Germ: 
Sun to partial shade; prefers moist, well-drained soil but 
grows in a variety of soil types, not drought tolerant. 
Squitiere.

Acmella oleracea – Hyssopus officinalis. EYEBALL PLANT, TOOTHACHE 
2199-Seed is from a 20’ tree with purple foliage. 
Seedlings also show a range of purple foliage and should 
have a similar mature height. 
Bittmann.

Actaea japonica – Actea simplex. ‘Cheju Island Form’. JAPANESE 
BUGbane ‘CHEJU-DO’. Per. Shade. 24-36 x 24-36’. Late 
Spring–Summer. Zone 4a–8b.
5024-White blooms. A compact form of the species, with 
foliage to 16’ and flowers 3–4’ high. Germ: Cycle: WMS 
2 wk, CMS 4 wk, WMS again. 
Iroki Garden.

Actaea pachypoda – Actaea rubifolia. Dysenteritis. Per. 
PTSHADE. 2½ x 2½–3¼’ in bloom. Spring.
2429-White flowers. Germ: CMS. May take 2 yr to 
germinate. 
Bricker.

Actaea racemosa (syn. Cimicifuga racemosa). BLACK 
COHOSH, BUGbane, FAIRY CANDLE, BLACK 
SNAKEROOT. Per. PtShade. 7 x 2’. Summer.
926-White flowers born in wands in July above handsome 
foliage. Germ: Cycle: WMS 3 mo, CMS 3 mo. 
Streeter.

Actaea simplex (Continued)

Actaea racemosa (Continued)

Actaea rubifolia. APPALACHIAN BUGbane. Per. 
2429-A late summer, white-blooming bugbane with bold 
foliage. Flower stalks are held stiffly upright. Germ: 
Cycle. 
Bricker.

Actaea simplex Atropurpurea Group (syn. 
Cimicifuga ramosa var. atropurpurea). BUGbane. Per. 
PtShade. 4 x 4’; from 6–7’ in bloom. Fall.
318-Fragrant white flowers in September. Foliage dark 
purple. Turns dark green in fall. From plant acquired as ‘Hillside Black Beauty’. 
Garnett.

Actaea simplex ‘Prichard’s Giant’. BUGbane ‘PRICHARD’S GIANT’. Per. Shade. 4–7’. Late Summer. Zone 
4a–8b.
5024-White blooms. Capable of reaching more than 7’ 
high, strongly fragrant. Germ: Cycle: WMS 15 d, CMS 
30 d, return to WMS. 
Iroki Garden.

Adlumia fungosa. CLIMBING FUMITORY, CLIMBING BLEEDING HEART. Bien. PtShade. 6–8’. Summer– 
Fall.
199-Pale pink blooms. Native biennial for semishade. A 
ferry 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. 
Cresson.

Aesculus parviflora. BOTTLEBRUSH BUCKEYE. Shrub. Sun/PtShade. 10 x 15’. Summer.
2294-White, midsummer blooms. Bought from a native 
plant nursery, lost the tag. Shorter variety, maturing to 
5–6’, flowering most of the summer, especially if deadheaded. 
Flower stalks are held stiffly upright. Germ: Cycle. 
Bricker.

Aesculus pavia. RED BUCKEYE. Shrub/Tree. Sun/ 
PtShade. 10 x 15’. Early Summer.
1277-Red flowers. Small tree. 
Haas.

Agapanthus – Agapanthus species/cultivar. TenPer. Sun. 1½ x 1½”; to 
3’ in bloom. Summer. 
926-Blue flowers. 
Streeter.

2294-Pictures touted online had a blossom of deep blue. 
Mine were more light blue 
Squitiere.

Agastache foeniculum ‘Golden Jubilee’. ANISE 
HYSSOP. Per. Sun. 3–5 x 1–2’. Summer–Fall.
2294-Purple flowers. Chartreuse, fragrant foliage. 
Looks good with blue neighbor. Scatter seeds. 
Squitiere.
Agastache foeniculum – Alyssoides utriculata

Aga2650 **Agastache foeniculum** ‘Golden Jubilee’. (Continued)  

Aga3700 **Agastache rupestris**. SUNSET HYSSOP, LICORICE MINT. Per./Subshrub. Sun. 3 x 3’. Summer–Fall.  
199-Salmony pink blooms. Wispy, handy, well-behaved perennial with gray-green foliage that likes to seed into sunny, dry, well-drained cracks and crevices, as well as open garden. Deliciously fruity foliage scent. Cresson.

2937-Peach/rose, long-blooming flowers. Hard to describe color on plants which love full sun and laugh at drought. Nicely scented foliage and popular with hummingbirds, butterflies, and bees. Bittmann.

Ag1000 **Aglaonema** ‘Silver Queen’. TenPer.  
208-Insignificant cream flowers on house plant that tolerates low light. Dark green leaves with silver markings. 18 x 36”. Dahlke.

Agr2000 **Agrimonia gryposepala**. Per. Sun/PtShade. 5 x 1’. Summer.  
2515-Yellow flower. This perennial has bloomed about 2 mo in my garden in a dry location. Germ: W, NST. Doblimaier.

Alc0050 **Alcea rosea** (all colors). HOLLYHOCK. Bien./Per.  
Sun. 2 x 2’; from 6–8’ in bloom. Summer.  
200-Rose, pink, white blooms in singles and doubles to 6–8’. Germ: NST. Creveling.

797-Rose-colored flowers. Robinson.

Alc0100 **Alcea rosea** (yellow/cream). HOLLYHOCK. Bien.  
Sun. 2 x 2’; to 6 or 8’ in bloom. Summer.  
239-A wonderful soft yellow, single flower for the summer garden. Germ: W, NST. Doblimaier.

Alc1450 **Alcea rosea** ‘Halo Purple’. HALO PURPLE HOLLYHOCK. Bien/Per. Sun. 6–8 x 2–3’. Summer. Zone 3a–9b.  

Alc1600 **Alcea rosea** ‘Nigra’. BLACK HOLLYHOCK. Bien.  
Sun. 1½ x 1½’; from 6–7’ in bloom. Summer.  

Alc4800 **Alchemilla glaucescens**. LADY’S MANTLE. Per.  
PtShade/Shade. 8 x 8”. Spring.  
208-Yellow. Leaves, 3½”, have a bluish tint and a fine edging of white. Germ: W, NST. Doblimaier.

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

All0060 **Allium aflatunense** ‘Purple Sensation’. PERSIAN ONION. Bulb. Sun. 1 x 1’; from 2–3’ in bloom. Spring.  
200-Creveling.

All4500 **Allium christophii**. STAR OF PERSIA. PerBulb. Sun. 1 x 1’; to 18” in bloom. Summer.  
926-Pinkish purple, large heads of star-shaped flowers. Flower heads dry well. Streeter.

All4900 **Allium fistulosum** (Nebuka, Japanese Bunching Onion). PerBulb. Sun/PtShade. 24 x 18”; to 12” in bloom. Early Summer.  

All5300 **Allium flavum**. YELLOW ONION, ORNAMENTAL ONION. PerBulb. Sun/PtShade. 4–6 x 8”; to 8” in bloom. Spring–Summer.  
2193-Yellow flowers. This is my favorite allium. It looks like a yellow sparkler. Germ: NST. Ulmann.

All5400 **Allium flavum** subsp. tauricum. YELLOW GARLIC.  
Per. Sun. 6–12 x 12”. Summer. Zone 4a–8b.  
2937-Unlike the straight-yellow-flowering species, this seed is from a range of pastel shades in lemon yellow, rusty cinnamon, and dusky pinks. Not the showiest flower, but it’s one you’ll want to kneel down and admire regardless. Some plants may have a dusty ‘bloom’ of powder on the foliage and flowers which of course makes them even more interesting. Doblimaier.

Al1610 **Allium** ‘Millennium’. ORNAMENTAL ONION.  
Bulb. Sun/PtShade. 1½ x 1½’. Summer.  

2294-Lavender flowers, hardy bulb. Squitiere.

All7510 **Allium serecens** subsp. montanum var. glaucum.  
PerBulb. Sun. 4 x 8”. Summer.  
199-Pink flowers. August bloom above gray-green glaucous foliage. An easy rock garden plant and strong enough for other uses among low-growing plants. Creveling.

All8100 **Allium thunbergii**. ORNAMENTAL ONION. Bulb.  
Sun/PtShade. 6–12 x 6–9”. Fall. Zone 4–9.  
199-Deep pink flowers. A clumping onion with bunches of narrow leaves all season, topped with 12” stems with deep pink flowers in Autumn. Cresson.

All8300 **Allium tuberosum**. GARLIC CHIVES, CHINESE CHIVES. Per. Sun. 10–20 x 6”; to 2’ in bloom. Summer–Fall.  
1020-White flowers. Late bloomer with pleasing seed heads. Culinary and ornamental. Germ: NST; SIS. Wiedorn.

2294-White blooms. Deadhead to help control reseeding. Squitiere.

2429-Bricker.

All8450 **Allium** ‘Globemaster’. FLOWERING ONION.  

Alo0500 **Aloe branddraaiensis**. ALOE. TenPer. Sun.  
4–6 x 12–18”. Midwinter. Zone 9b–11.  

Aly1200 **Alyssoides utriculata**. BLADDERPOD. Per. Sun.  
18–24”. Late Spring/Early Summer.  


2294-Burgundy tassel and foliage on a fast-growing annual. Germ: SIS. Squitiere.


2937-Cinnamon orange blooms. Long blooming. The warm buff orange seed heads look good in the autumn garden. Bittmann.

Ama1500 *Amaranthus ‘Hopj Red Dye’*. An. Sun. 3–4 x 2'. Summer–Fall.


Ama2500 *Amaranthus tricolor* (syn. *A. gangeticus*). LOVE-LIES-BLEEDING, ELEPHANT HEAD AMARANTH. An. Sun/ PtShade. 3–4 x 2'. Summer–Fall.


199-Pink, bloom. Similar to lycoris, but much finer. Needs sun in sheltered location and summer dryness, such as under the eaves of a house. Creveling.

Amm0500 *Ammi majus*. BULLWORT, COMMON BISHOP’S WEED. An. Sun/PtShade. 4'. Late Spring–Early Summer.


Amm1050 *Ammi visnaga*. An. Sun. 3–4 x 2'. Summer.


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. Haas.


3006-Native perennial, 3 x 2'. Lovely spring through early winter. Pale blue flowers. Several years to reach its full potential. Mayer.

Ams2050 *Amsonia tabernaemontana*. BLUE STAR. Sun/ PtShade. 2 x 1½'. Spring/Summer.


Ane10150 *Anacyclus depressus* ‘Silberkissen’. MOUNTATLAS DAISY. Per. Sun. 4 x 12". Late Spring/Early Summer.


Ane13150 *Anemone × hybrida* ‘September Charm’. Per. Sun/ PtShade. 2–4 x 2–3'. Late Summer/Fall. Zone 4–8.

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

Ane5500 *Anemone sylvestris*. SNOWDROP ANEMONE, WOOD ANEMONE. Per. PtShade. 6 x 12"; to 18" in bloom. Spring.


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

2429-Bricker.

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

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

Ane9800 *Anethum graveolens*. DILL.

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

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


797-Purple flowers. Robinson.

2429-Bricker.

Ang3010 *Angelica polymorpha*. Per. Sun/PtShade. 3–4 x 1–3'. Summer. Zone 5.


Ane1050 *Anemone × hybrida* ‘September Charm’. Per. Sun/ PtShade. 2–4 x 2–3'. Late Summer/Fall. Zone 4–8.

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

Ane5500 *Anemone sylvestris*. SNOWDROP ANEMONE, WOOD ANEMONE. Per. PtShade. 6 x 12"; to 18" in bloom. Spring.


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

2429-Bricker.

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

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

Ane9800 *Anethum graveolens*. DILL.

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797-Purple flowers. Robinson.

2429-Bricker.

Ang3010 *Angelica polymorpha*. Per. Sun/PtShade. 3–4 x 1–3'. Summer. Zone 5.

Anthrciscus sylvestris – Arisaema consanguineum

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

**Ari0420 Antirrhinum hispanicum.** Per. Sun. 1 x 1–2'. Spring and Fall. Zone 5a–8b.

**Ari1000 Apios americana.** GROUNDNUT, POTATO BEAN. PerVine. Sun/PtShade.10'. Summer. Zone 3–7.

**Aqua0050 Aquilegia alpina.** ALPINE COLUMBINE. Per. Sun. 1–1½ x 1'; to 2½'. Late Spring–Summer.

**Aqu5000 Aquilegia vulgaris.** (Continued.)


1320-Solow.


3176-Tall, double flowers of mixed colors—blue, pink, white, and purple. Mahler.

**Aqua5300 Aquilegia vulgaris ‘Hedleigh Bicolor’.** COLUMBINE. Bien. PtShade. 25 x 12'. Spring.

199-Blue flowers with white center on a self-supporting plant. Shorter than the species. A selection of Charles Cresson that breeds true. Cresson.

**Aqua5600 Aquilegia vulgaris ‘Miss M. I. Huish’.** COLUMBINE. Per. Sun/PtShade. 18 x 18'. Spring. Zone 3–8.


**Aqua5750 Aquilegia vulgaris ‘Ruby Port’.** COLUMBINE. Per. Sun/PtShade. 2–3 x 1–1½'. Spring. Zone 3–8.

2294-Short-lived perennial with double burgundy flowers. Seeds around. Squitiere.

**Aqua5929 Aquilegia vulgaris (pink).** COLUMBINE. Per. Sun/ PtShade. 12 x 12''; to 2' in bloom. Late Spring–Early Summer.

522-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.

**Ara2600 Aralia spinosa.** DEVIL’S WALKING STICK, HERCULES’ CLUB. Shrub. Sun/PtShade. 10–20 x 10–20'. Summer–Early Fall.

269-White blooms. This native species is a large, rhizomatous or suckering shrub with spiny stems that reaches 20' and can spread as far. Plants bear huge, tropical-looking, bi- or tripinnate leaves that range from 3–6' long. Oval, 2–4" leaflets are dark green above, whitish beneath, and turn burgundy in fall. Plants bear 2' umbels of small, white flowers in late summer that are followed by black berries. The berries are popular with birds. WARNING: Once established, it is very difficult to remove or contain the thorny thicket that is formed. Germ: OW. 365 d. Sow immediately and overwinter the pots outdoors or CMS: 3–5 mo then WMS: 1–4 mo. Because of the very spiny stems and rhizomatous nature of this plant, use it in wilder areas where it will have space to spread out. Plants tolerate a range of soils, but prefer deep loam. Evenly moist, well-drained soil is best, but established plants tolerate drought. They do not tolerate standing water. A site in partial shade is best, but they will tolerate full sun. **Ellis.**

**Ari0500 Arisaema consanguineum.** COBRA LILY. Per. PtShade. 6 x 2'.

Arisaema consanguineum variegated  

Arisaema consanguineum variegated. JACK IN THE PULPIT. Bulb. Sun/PtShade. 2–3 x 1–2'. Late Spring/Early Summer. Zone 5b–9b.

3001-Silver-variegated form of consanguineum. Attractive structure. Can be invasive if seed is allowed to spread. Germ: CMS: 30 d, then cool to germinate irregularly. Gregg.

Ari2500 Arisaema heterophyllum. COBRA LILY. Per. PtShade. 2–3½ x 1'. Spring.

1999-Norfolk Botanical.

3321-Green/pale yellow blooms. Grows to 3' tall with large horseshoe leaf and spadix with 1' long tongue. Germ: Soak: 7 d; W. Perron.

Ari4020 Arisaema taiwanense. COBRA LILY. Bulb. PtShade. 3 x 2'; bloom is 1½' tall. Spring.


592-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. Malocscay.

Art2650 Artemisia lactiflora. WHITE MUGWORT. Per. Sun. 4–5'. Late Summer/Early Fall. Zone 3–8.

199-In August, the white, plummy flowers are most welcome. Finely cut foliage is green. Cresson.


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 fall to spring, dormant in summer, and stalk of red berries. Cresson.

Art3010 Aruncus aethusifolius. DWARF GOAT'S BEARD, KOREAN GOAT'S BEARD. Per. Sun/PtShade. 6 x 10". Summer.

318-Garnett.


2294-White blooms. 6' native perennial, shady moist location. Squitiere.

******Asarina erubescens. See: Lophospermum erubescens.

Asc2000 Asclepias curassavica. BLOODFLOWER, BLOODY MILKWEED. TenPer. Sun. 3–4 x 1–1½'. Summer–Fall.

543-Orange flowers throughout the summer on a 3'-tall tender perennial. Germ: BC, W, NST. Leasure.

1607-Yellow blooms. This milkweed attracts monarchs (both for the nectar and as a host plant) and other butterflies, hummingbirds, and many kinds of pollinators. Germ: W. Sow indoors about 2 mo before last frost and transplant out after frost. Jellinek.


Asc2750 Asclepias incarnata ‘Ice Ballet’. SWAMP MILKWEED. Per. Sun. 4 x 4'. Summer–Fall.


2515-White flowers. Great native perennial milkweed that loves wet sites. Food source for the larval stage of Monarch butterflies. Dobinaier.

Asc3050 Asclepias purpurascens. PURPLE MILKWEED. Per. Sun. 2–4 x 1–3'. Late Summer–Early Summer.

965-Large, strikingly vivid rose flowers in early summer. Slow to establish, but worth the wait. Umphyre.

Asc3700 Asclepias syriaca. COMMON MILKWEED. Per. 2–4'.


Asc4010 Asclepias tuberosa. MILKWEED, BUTTERFLY WEED. Per. Sun. 2–3 x 1–2'. Summer–Fall.


2294-Orange flowers. Helps feed the monarch caterpillars. Squitiere.

Asi1050 Asimina triloba. PAWPAW TREE. Shrub/Tree. Sun/PtShade. 20 x 20'. Spring.


Ast0300 Aster ageratoides. JAPANESE ASTER. Per. Sun/PtShade. 18 x 24'. Fall.

199-White blooms. This Japanese aster has been going around American nurseries under wrong name of Gymnaster savatieri (an early summer bloomer) for some years and I've just discovered its true ID! Masses of moderate size white daisies Sept–Nov over clean, disease-free, dark green foliage. Long-lasting cut flower. Spreading by rhizomes, so you could have lots to cut. Cresson.


Ast1200 Aster cordifolius. BLUE WOOD ASTER. Per. PtShade. Late Summer–Fall.

2294-Blue flowers. Perennial 3' high in bloom (October), tolerates extreme dryness. Great for informal/wilder areas of the garden. Squitiere.

******Aster divaricatus. See: Eurybia divaricata.

Ast1450 Aster drummondii. Per. Sun/PtShade. 5'. Fall.

199-Pale lavender flowers. Branched, dense racemes of numerous, small pale lavender to near white daisies in October. Quite showy and rare. Native. Cresson.

Ast2650 Aster lateriflorus (syn. A. vimineus). Per. Sun/PtShade. 2–4 x 4'. Fall.

2429-Bricker.

Ast3550 Aster macophyllus. Per.

**Aster novae-angliae – Bapteloua curtipendula**

**Ast4100** *Aster novae-angliae*. NEW ENGLAND ASTER. Per. Sun. 3 x 2'. Fall.


**Ast4470** *Aster oblongifolius* ‘Fanny’. Per. Sun/PtShade. 3–6 x 3'; depends on fertility. Fall.


**Ast5600** *Astillbe biernata*. FALSE GOAT’S BEARD. Per. PtShade/Shade. 2 x 2'; to 3' in bloom.

9985-White blooms. Large herbaceous understory plant with plumes of white flowers in spring. Germ: OW; SS; NST; 30 d. *Jenkins Arboretum*.

**Ast5700** *Astillbe chinensis* var. *pumila*. CHINESE ASTILBE. Per. PtShade/Shade. 9–12 x 9–12'. Summer.


**Ast5830** *Astillbe* ‘Fanal’. Per. 18 x 12'. Summer.


**Ast6100** *Astillbe thunbergii* var. *okuyamae* (syn. *Astillbe okuyamae*). Per. PtShade/Shade. 12–18 x 18; to 2' in bloom. Summer.

199-White flowers. Rare Japanese native with unique light green, quilted foliage on darker petioles. Unique and a personal favorite! Virtually nonexistent in western gardens. My source imported it in the 1980s but lost it years ago. *Cresson*.

**Auc0500** *Aucuba japonica* ‘Emily Rose’. SPOTTED LAUREL. Shrub. Shade/PtShade. 4–5 x 4–5'. Zone 6–10.

522-Red-purple blooms, scarlet fruit. Leaves all green, large, and broadly toothed. *Kushe*.


1277-Blue flowers. *Haas*.

1585-Early summer, bright blue blooms, like blue sweet peas, are followed by light green, 1½" seedpods. Germ: C. Germinates easily, but first winter is difficult. *Scofield*.


199-Blue flowers. Similar the species but small growing with larger flowers. *Cresson*.

**Bap2480** *Baptisia sphaerocarpa* ‘Screaming Yellow’. YELLOW WILD INDIGO, YELLOW FALSE INDIGO. Per. Sun/PtShade. 3'. Spring.

2193-Yellow flowers. Germ: SR. *Ullman*.

**Bas1500** *Basella rubra*. MALABAR SPINACH, RED VINE SPINACH. An./TenPer. PtShade. 10'.


**Beg1050** *Begonia grandis* subsp. *evansianna*. HARDY BEGONIA. Per. PtShade/Shade. 2 x 1½'. Late Summer–Fall.


318-Pink flowers in September with interesting hanging, winged seed capsule. Wonderful filler which seeds around prolifically, but provides color in early fall when most everything else is fading. Deer do like it. *Garnett*.

2294-Pink flowers. Great shade perennial ground cover, blooms mid-late summer. *Squiere*.

**Beg1060** *Begonia grandis* subsp. *evansianna* var. *alba*. HARDY BEGONIA. Per. PtShade/Shade. 2 x 1½'. Late Summer–Fall. Zone 6–9.

199-White blooms. *Cresson*.

2294-Drooping clusters of white flowers. Easy to grow, will naturalize, black walnut tolerant, good deciduous ground cover. *Squiere*.

**Beg1100** *Begonia grandis* subsp. *evansianna* ‘Heron’s Pirouette’. HERON’S PIROUETTE HARDY BEGONIA. Per. PtShade/Shade. 15'. Late Summer–Fall. Zone 5–9.

1607-Pink flowers. Masses of deep pink, nearly 12" long flower clusters, followed by warm pink seed heads. Prefers well-drained soil and bright shade. *Jellinek*.

****** Belamcanda chinensis. See: *Iris domestica*.


3001-Asian herbaceous perennial, relative to our stinging nettle, though this one doesn’t sting. To 5–6'. Nice texture in the shade garden. Can take sun. Part shade to shade gives dark green leaves. Hardier than the zone 7 usually given to it. Will self-seed, but not aggressively so. Germ: NST. *Gregg*.

**Bol1500** *Boltonia asteroides* ‘Snowbank’. Per. Sun. 3–4 x 3'. Summer–Fall.

239-White flowers. Cultivar probably doesn’t come true from seed, but seedlings may be nice anyway. A wonderful addition to the garden for late flowers. Easy to grow. Germ: Soak 1 d, W; BC; NST; 10 d. *Doering*.

**Bou4000** *Bouteloua curtipendula*. SIDE-OATS GRAMMA GRASS. Per. Sun. 8 x 12'; to 30" in bloom. Summer–Fall.

2429-Bricker.
**Browallia americana** – Camellia sinensis

*Brodiaea laxa.* See: *Triteleia laxa.*

**Bro1050** *Browallia americana.* JAMAICAN FORGET-ME-NOT, BUSH VIOLET. An. Sun/PtShade. 2 x 2'. Late Summer–Fall.


**Camellia japonica**

797-Blue flowers. Germ: NST; BC; W. Robinson.


**Bup1100** *Bupleurum griffithii.* THROUGHWAX. An. Sun./PtShade. 30 x 12". Summer.

2621-Neat structure when young, then it weaves. Nice in fresh and dry arrangements. Full sun, moderate moisture. Germ: C; NST. *Nachlas.*

**Bup1400** *Bupleurum rotundifolium.* THROW-WAX. An. Sun. 2 x 1'. Summer.


**Cal2200** *Callicarpa americana.* MEXICAN BEAUTYBERRY. Shrub. Sun/PtShade. 6 x 5'. Spring–Summer.

1865-Lavender blooms. Purple fruits in fall, more fruits if grown in sun. Germ: W; NST. *Bennett.*

**Cal2400** *Callicarpa bodinieri* ‘Profusion’. BEAUTYBERRY. Shrub. 6–10'. Summer–Fall.

522-Violet fruits. The abundant, clustered fruits make this a superior beautyberry. Germ: L; W, 7–10 d. *Kushner.*

**Cal2450** *Callicarpa dichotoma.* BEAUTYBERRY. Shrub. Sun/PtShade. 4–5 x 4–5'. Summer.

45-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. Germ: BC, NST. Easy. Don’t water seedlings. 60 d. *Bartlett.*

**Cal2500** *Callicarpa dichotoma f. albifructa.* WHITE BEAUTYBERRY. Shrub. Sun/PtShade. 5 x 5'. Summer.

45-White blooms. Attraction is crop of white berries, down to the ground, in August–October. Fast growing. Germ: NST. Easy to germinate and grow. Comes true from seed for me. Don’t overwater seedlings. *Bartlett.*

**Cal2800** *Callicarpa kwangtungensis.* CHINA BEAUTYBERRY. Shrub. Sun/PtShade. 3–4'. Midsummer.

208-White bloom and white-berried callicarpa sold at 2007 Scott plant sale. *Dahlke.*

**Cal4100** *Caltha palustris.* YELLOW MARSH MARIGOLD, KINGCUP. Per. PtSun/PtShade.10–12 x 12–18". Early Spring. Zone 3–7.

2294-Yellow blooms. Early spring perennial for wet area, native. Don’t worry; this is NOT *Ranunculus ficaria!* From 2010–11 HPS Seed Exchange. *Squitiere.*

**Cam0050** *Camassia cusickii.* CAMASS LILY. Bulb. Sun/PtShade. 2/3'. Spring.

199-Light blue flowers in May. Beautiful foliage. Native to the west. Interplant with daffodils. Evenly moist soil, tolerates very wet clay, but grows anywhere soil is moist until June. *Cresson.*

**Cam0330** *Camellia japonica.* Shrub. PtShade. 8–10 x 10'. Spring.

208-Intense red double blooms on 8' shrub in mid-April. Seed from Lewes, DE. Germ: NST. Seeds have been refrigerated in moist soil for 4 mo. *Dahlke.*

**Cam0335** *Camellia japonica* (from Korea). Shrub. PtShade. 15 x 10'. Spring.

199B-Red flowers. Seed from superior, named clones selected from the hardy Korean japonicas. Deep red, single flowers with yellow stamens. Spring blooming but often open some flowers in November. Generally larger flowers and more compact habits. Probably zone 6a, at least. *Cresson.*

**Cam0350** *Camellia oleifera.* TEA-OIL CAMELLIA. Shrub. Sun/PtShade. 15+ x 15+. Fall.

199A-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. *Cresson.*

**Cam0400** *Camellia oleifera* hybrid (light pink, dark eye). TEA-OIL CAMELLIA. Shrub. PtShade. 12 x 8'. Fall.


**Cam0600** *Camellia oleifera* hybrid (single pink, rusty bark). TEA-OIL CAMELLIA. Shrub. PtShade. 12 x 10'. Fall.


**Cam0800** *Camellia sinensis.* TEA PLANT. Shrub. PtShade. 5 x 5'. Fall.

199-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. *Cresson.*

**Cam0850** *Camellia sinensis* ‘Rosea’. TEA PLANT. Shrub. PtShade. 5 x 5'. Fall.

199-Striking pink flowers with prominent red stamens Sept–Nov. Spring shoots are beet red, fading to dark green for summer. Germ: Seed has been refrigerated in moist peat. Sow immediately upon receipt. Should germinate soon in a warm location. *Cresson.*
Camellia – Centranthus ruber

Cam4100 Camellia ‘Survivor’. FALL-BLOOMING CAMEL-LIA. Shrub. 8 x 5’. Fall.

199-White flowers with faint tint of pink on edges. One of the hardiest of fall blooming C. oleifera hybrids with compact midsize habit. Seedlings will vary. Cresson.

Cam3000 Campground chenille. BATS-IN-THE-BELFRY, THROATWORT. Per. Sun/PtShade. 3 x 1’. Summer.


Cam7000 Campylotropis macrocarpa. Shrub. Sun/PtShade. 4 x 3’. Summer.


1277-Purple flowers. Plant is worth growing for late summer–fall color. Delicate spring lespedeza-like leaves. New leaves have coppery color. Haas.


2937-Rose blooms. Seed is from ‘Cannanova Rose’ and should be a similar color and around 4–5’ tall. Rhizome. Germ: Scfy. Bittmann.

Can3000 Canna hybrid. CANNA LILY. TenPer. Sun/PtSun. 4 x 2’. Summer–Fall.


2515-One of the hottest peppers in the world. Attractive plant, but be warned the peppers are lethal. Doblmaier.


269-An annual grown for its nearly black leaves and bright red, round fruit. 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. Ellis.

2517-Grown for foliage and fruit/smaller pepper not flowers particularly. Black leaves with small, round, hot, black fruit maturing to red. Annual. Germ: NST. Weaver.

Cap2100 Capsicum annuum ‘Calico’. ORNAMENTAL PEP- PER. An. Sun. 12–18 x 12–16”.

269-Tender perennial ranging from 18–24” tall. Handsome foliage splashed with purple and white. Dark cone-shaped peppers mature to red. 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. Ellis.


Cap2250 Capsicum annuum ‘Sedona Sun’. ORNAMENTAL PEPPER. An. Sun. 9–12 x 14–16”. Summer–Fall.

2517-Masses of distinctive lemon yellow and carrot orange fruit put on a brilliant, multicolor display. 12” annual. Germ: NST. Weaver.

Cap2800 Capsicum annuum var. glabriusculum. TEXAS BIRD PEPPER.


Car0100 Cardiovascular cathayanum.

5024-About 5’ tall for us, with reddish-brown and green markings in the throat of the downturn flower. Germ: BC, Cycle: Sow at 70° F for 30 d, move to 40° for 30 d, return to 70°. Repeat the cold cycle if no germination in 30 d. Iroki Garden.

Car3500 Caryopteris divaricata. BLUE MIST SHRUB. Per. Sun/PtShade. 3–6 x 5’. Fall.


1277-Haas.

**** Cassia marilandica. See: Sena marilandica.


269-Yellowish white bloom. A woody vine, this native bears showy clusters of fruit that are orange on the outside and open to red berries. Plants are less rampant than nonnative, weedy Chinese bittersweet (C. orbiculatus). Germ: W. CMS 60–180 d, then soak seed in warm water for 24 hr before sowing. Ellis.


239-Deep red blooms. 2”-tall lovely container plant or color accent in a flower garden. Germ: NST. Doering.


965-Blooms in shades of orange, coral, and pink. This 3–4’ form is grown primarily as a cut flower. Performs exceedingly well in the heat of summer, with large crested-top blossoms with plume-type blooms on side shoots. Donated by Half Acre Flower Farm from plants grown from Gloeckner’s seed. Umphrey.


Cen1600 Centaurea cyanus ‘Blue Diadem’. BACHELOR’S BUTTONS. An. Sun/PtShade. 2–3 x 1’. Spring–Summer.


Cen2200 Centaurea montana. MOUNTAIN BLUET, PERENNIAL CORNFLOWER. Per. Sun/PtShade. 1½ x 2’. Summer.

199-Blue flowers. Cresson.

Cen5000 Centranthus ruber. RED VALERIAN. Per. Sun/ PtShade. 3’. Summer–Fall.

269-Pinkish red blooms. This is a woody-based late spring- to summer-blooming perennial. Plants bear rounded clusters of small pinkish red flowers and range from 1–3’ tall and wide. Plants self sow, and seedlings especially like to germinate in gravel driveways and (Continued.)
Cen5000  

Centranthus ruber. (Continued.)


Cen5700  

Centratherum punctatum, BRAZILIAN BACHELOR'S BUTTON, BRAZILIAN BUTTON FLOWER, LARK-DAISY. TenPer. Sun. 3 x 3'. Summer–Frost. Zone 9–11.


Cep0550  

Cephalanthus occidentalis. BUTTONBUSH. Shrub. Sun/Pt. Shade. 8'. Summer.

239-White blooms. Native plant with interesting flowers, seed head, and bark. Prefers moist areas, but is happy with average water and soil. Flowers are an excellent source of nectar for butterflies in the summer. Germ: W, NST, SR, 14 d. Doering.


Cep0700  

Cephalanthus occidentalis ‘Sputnik’. BUTTONBUSH. Shrub. Sun. 6–10 x 6–10'.

2294-White blooms. Native for wet areas. Squitierie.

Cep2200  


Cer1300  

Ceratotheca triloba. SOUTH AFRICAN FOX-GLOVE. An. Sun. 4–6 x 2½’. Summer–Fall.


2515-Dobhmaiwer.

Cer2300  

Cercis chinensis, CHINESE REDBUD. Shrub. Sun/PtShade. 12–15 x 6–8’. Spring.

3001-Pink/purple blooms. Chinese variety of redbud, can be grown as either a multi-stemmed shrub or single trunk small tree. Bloom time March/April. To 10–15’ in zones 6–9. Very pretty and very low maintenance, once established. Germ: CMS 60 d, Soak 24 hr. Gregg.

Cer2350  


208-Germ: CMS. Dahlke.

Cer3030  

Cerinthe major. HONEYBELLS. An. Sun. 2 x 2'. Spring.


Cha0300  

Chaenomeles speciosa ‘Contorta’. CONTORTED FLOWERING QUINCE. Shrub. Sun/PtShade. 3–4 x 3–4'. Spring.


Cha0550  


Cha0630  

Chamaecyparis thyoides ‘Top Point’. DWARF ATLANTIC WHITE CEDAR. Tree. Sun/PtShade. 4–5’ x 18–24”. Zone 4–9.

3001-Seed is from ‘Top Point’, a dwarf Atlantic white cedar. Slow growing, eventually to 6'. Ideal for small spaces. New foliage is blue, mature foliage plum to bronze in winter. Best in full sun. Germ: CMS 90 d. Gregg.

Cha1050  

Chasmanthium latifolium. NORTHERN SEA OATS. PerGrass. Sun/PtShade. 3 x 2’. Summer/Fall.

543-Nice tall grass that tolerates shade. Forms dense stands. Takes at least 1 yr to become established. Germ: NST; BC; W; 1 mo. Leasure.

2294-Green to tan blooms. Native ornamental grass, showy seed heads, probably best in a wild area due to possible aggressive self-sowing. Squitierie.

Che1200  

Chelidonium majus. GREATER CELANDINE. Per. Shade/PtShade. 12–24”. Late Spring–Summer. Zone 4–8.

3001-Native to Europe and Western Asia, prefers moist soil. Yellow flowers May to August, adding color to the woodland garden. Considered invasive in some parts of the country. Germ: NST. Gregg.

Che1250  


Che2000  

Chelone glabra. TURTLEHEAD. Per. PtShade. 2–3 x 2'. Summer–Fall.

2515-Nice white flowers for moister conditions. This turtlehead blooms a bit earlier than C. lyonii. Germ: NST. Dobhmaiwer.

Che2600  

Chelonopsis yagiharana. Per. Sun/PtShade. 12 x 18". Summer–Fall.


Cheiranthus allionii. See: Erysimum allionii.

Chei800  


Chr0800  


2937A-Mixed blooms. Will hopefully include a mix of colors and petal shapes, all on shorter to medium height plants. Bittmann.

2937B-These should produce wide, bushy plants without pinching, and colors should range from yellow to orange, pinks, and reds. The seeds were collected from ‘Mammoth’ strain mums which were originally bred in Minnesota for cold hardiness. Bittmann.

Chrysops falcata. See: Pityopsis falcata.

Cimicifuga species. See: Actaea.
**Clematis addisonii – Clematis stans**

**Cle0120 Clematis addisonii.** ADDISON’S LEATHERFLOWER. Per. Vine. Sun/PtShade. 3 x 3’. Summer.

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

**Cle0250 Clematis ‘Alaina’.** CLEMATIS. Per/Vine. Sun/PtShade. 4–5’. Summer. Zone 4–11.

- **2137-Pink blooms with a yellow center. This clematis blooms all season long. Perfect for pots. Hybrid grown with many clematis, so who knows what you’ll get? *Boylan.***

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

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

**Cle0850 Clematis campaniflora.** Vine. Sun. 6–20’. Summer.

- **199-White flowers, tinted pale lilac. Masses of small viticella-like flowers in June and July. *Cresson.***

**Cle2200 Clematis crispa.** MARSH CLEMATIS, BLUE JASMINE. Vine. Sun/PtShade. 6–8’ x 3’. Summer.


**Cle2450 Clematis ‘Evipo032’ Galore.** Vine. Sun/PtShade. 10–12 x 2–3’. Summer–Fall. Zone 4–9.

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

**Cle3300 Clematis ‘Gravetye Beauty’.** Vine. Sun. Summer.

- **2137-Red blooms. Each miniature tulip-like flower is borne on a long stem and consists of 4–6 rich deep red tepals opening to a striking star shape. Best grown through ground covers, vertically in shrubs, or on a tuteur. Spectacular classic variety. Germ: Cycle: Sow @ 68°F for 6 wk, then @ 40°F for 6 wk, then slowly raise temperature to 50°F for 6 wk. If there is no germination, repeat the cycle. This mimics fall sowing outdoors for spring germination. Remove tails as they inhibit germination. *Boylan.***

**Cle3450 Clematis ‘Helios’ (syn. Clematis Aztek).** Vine. Sun/PtShade. 6’. Summer.

- **199-Climbing vine with golden yellow nodding flowers beginning early summer and repeating later. Fluffy seed heads. A good form of *C. tangutica.* Sun. *Cresson.***

**Cle3800 Clematis hexapetala.** Vine. Sun. 25 x 3–4’. Summer.

- **118-White flowers. Beautiful, dainty but profusely flowering clematis that blooms in August. Germ: CMS; BC; W, 6 mo; SR. *Stonecrop Gardens.***

**Cle4100 Clematis × jouiniiana ‘Praecox’.** Per. Vine. Sun/PtShade. 10–13’. Summer/Fall.


**Cle4450 Clematis ‘Lemon Beauty’.** Vine. Sun/PtShade. Spring.

- **199-Yellow blooms. Related to *C. alpina* with large early light yellow lemon flowers in April/May. *Cresson.***

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

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

**Cle4500 Clematis ladakhiana.** (Continued.)

- **2193-Yellow-brown flowers. Tiny yellow bells. Germ: NST. *Ulmann.***

**Cle5000 Clematis ‘Minuet’.** Vine. Sun/PtShade. 12 x 5’. Summer.

- **1277-Base flower color white, veined pale purplish-red on edges. Grew from Charles Cresson’s seed some years ago. 2½” blms.; to 10’; Grow into small trees. *Haas.***


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

**Cle5350 Clematis pitcheri.** LEATHERFLOWER, BLUEBELL. Vine. PtShade. 10’. Summer.

- **2137-Purple blooms. A little known but fabulous native vine, ranging from Iowa south to Texas. The scrambling 6’ tall vine, with opposite trifoliate leaves, mingles unobtrusively through shrubs or small trellises. The dainty, pendant, purple bell-shaped flowers with recurved tips adorn the vine from mid-May through September. Also a good hummingbird haven. Germ: Cycle: Sow @ 68°F for 3 mo, then place @ 20°F for 3 mo. Remove tails as they inhibit germination. *Boylan.***

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

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

**Cle5700 Clematis serratifolia.** Per/Vine. Sun/PtShade. 8–15 x 2–4’. Summer–Fall. Zone 5–8.

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

**Cle5750 Clematis ‘Souvenir du Capitaine Thullieux’.** Vine. PtShade. 8’.

- **2137-Rich pink centers fade to gray with contrasting dark stamens on this compact plant. Works beautifully in partial shade and/or in a large container. *Boylan.***

**Cle5800 Clematis species.** Vine. Sun/PtShade. 10’. Spring.

- **208-Single white, flat, 4” upright flower with overlapping sepals (round with pointed tips and ¼” hairlike projections) on an unnamed clematis from a plant exchange. Long blooming—June through September. Cut back in spring. *Dahlke.***

**Cle5900 Clematis stans.** Per. Sun/PtShade. 2 x 3’. Summer–Fall. Zone 5–10.

- **592-Light blue blooms. Bushing or sub-shrub type. First year seemed nondescript, second made it a keeper—gracefully lax, possibly more “visual” as seed heads develop. Bees love it. Foliage and seed heads are good bouquet structure. Germ: CMS: 30 d. *Malocsay.***
Clematis stans – Cornus florida

Cle5900  Clematis stans.  (Continued.)

Cle6150  Clematis texensis.  SCARLET CLEMATIS, TEXAS CLEMATIS. Vine. Sun/PtShade. Summer–Fall. 15 x 1½'. Summer.
199-Spherical carmine-red, lantern-shaped flowers from early summer through September, look like strawberries. Can be allowed to sprawl over shrubs, roses, or on a fence, where it is perhaps the most admired plant in the garden. It likes hot, sunny, dry conditions. Difficult species to obtain. Cresson.

269-Red blooms with creamy yellow inside. A showy summer-blooming species, it dies to the ground in winter, but has been reliably perennial in Zone 7. I grew my plants from HPS Seed Exchange seed from Charles Cresson’s garden. The flowers are jug-shaped with four petal-like sepals 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! Ellis.


Cle6350  Clematis tibetana. Vine. Sun. 20 x 6'. Summer.
507-Yellow-green flowers. This is a more vigorous cultivar than the one I used to have and seems to have more C. orientalis in it perhaps. The flowers more yellow, the vine very vigorous in yr two for me, a huge bounty of beautiful seed heads. I fear it will outgrow its allotted space next year. Kolo.

Cle6500  Clematis viorna.  VASEVINE. Vine. Sun/PtShade. Summer. 13’.
2294-Purplish pink bells, but variable species in flower shape and color. A native southern U.S. climber. Squitiere.

2294-White, late summer bloom, native, can grow to 20’. Vigorous, can be cut back in spring. I’m using as a ground cover over a new empty area. Shade tolerant. This is NOT Clematis ternifolia. Squitiere.

Cle7300  Cleome hassleriana.  SPIDER FLOWER. An. Sun. 5–6 x 3’. Summer–Fall.
1020-Pink flowers. Wiedorn.

Cle7350  Cleome hassleriana (mixed colors).  SPIDER FLOWER. An. Sun. 24 x 40’’. Summer.

Cle9000  Clethra acuminata.  CINNAMON CLETHRA. Shrub/ Tree. PtShade. 12 x 12’. Summer.
2294-White blooms on a small, native tree. Squitiere.

Cle9200  Clethra alnifolia.  SUMMERSWEET, SWEET PEPPERBUSH. Shrub. PtShade. 8 x 8’. Summer–Fall. Zone 3–9.
2294-Shrub, early white summer bloom, every bug in your yard will come to it. Fragrant. Unknown cultivar. Squitiere.

Cli4000  Clivia miniata.  NATAL LILY. TenPer. PtShade. 30 x 30”. Spring–Summer.

Coi2010  Coix lacryma-jobi.  JOB’S TEARS. TenPer. Grass. Sun/PtShade. 5’. Summer–Fall.
9976-Robust, upright, 3’ tall annual grass bearing seeds that can be used medicinally, culinarily, or as jewelry. Wave Hill Gardeners.

Con1050  Consolida ajacis (syn. C. ambigua).  LARKSPUR. An. Sun. 4 x 1’. Late Spring–Summer.
1277-A mix of white, pink, and mostly purple flowers. Haas.

Con1100  Consolida ajacis (blue) (syn. C. ambigua).  LARKSPUR. An. Sun. 4 x 1’. Late Spring–Summer.
199-Blue blooms. This classic annual self-sows and blooms in June on tall 5–6’ plants. I think the blue strain is the most useful color, complementing everything else. Sow late winter in situ. Cresson.
239-Mostly blue with a few white flowers. Sow seeds outdoors in early spring. Pretty filler type plant. Germ: C; SS; SIS. Doering.
522-Blue flowers. Kushner.
1607-Blue flowers on 4’ plants in early summer. Sow in situ late winter. Germ: SIS. Jellinek.

Con1800  Consolida regalis.  ROYAL KNIGHT’S-SPUR, FIELD LARKSPUR, FORKING LARKSPUR. An. Sun. 18–24’’. Late Spring/Early Summer.

Cor1700  Coreopsis leavenworthii.  965-Gold ¼" flowers on wiry plants, blooms all summer. Delicate and delightful Florida wildflower. Umphrey.

1939-Rose to pink blooms for 3 mo. Full sun or light shade. Germ: L. Urffer.

Cor1850  Coreopsis tripteris.  TALL COREOPSIS. Per. 4–6’. Sun. Mid–Late Summer.
199-Masses of small yellow daisies on stiffly upright stems in August. Native and popular with goldfinches. Good at back of border or naturalized in a meadow. Cresson.

Cor2750  Cornus florida.  FLOWERING DOGWOOD. Tree/ Shrub. Sun/PtShade. Spring.
1277-White flowers. Germ: CMS 3 mo. Pot up seeds and OW. Haas.
**Cornus florida – Datura inoxia**

**Cor2780 Cornus florida ‘Cherokee Chief’.** FLOWERING DOGWOOD. Tree/Shrub. Sun/PtShade. Spring. 1277–Reddish pink flowers. Germ: CMS 3 mo. Pot up seeds and OW. Haas.


**Cor2900 Cornus mas.** CORNELIAN CHERRY, CHERRY DOGWOOD. Tree. PtSun/PtShade. 15–25’. Early Spring. Zone 4–8.

1939–Urffer.

**Cor5705 Corydalis species.** Per. PtShade. 522–Pure white blooms. A lovely woodland corydalis that bulks up nicely if well sited. Paired with asarums makes a good front of border duo. A spring bloomer. Kushner.

**Cor5900 Corylopsis pauciflora ‘Winterthur’.** WINTER-HAZEL. Per. PtShade/Shade. Spring. 208–A favorite spring-blooming shrub. Dahlke.

**Cos2500 Cosmos sulphureus.** YELLOW COSMOS. An. Sun. 4 x 1½’. Summer–Fall.


817–The original wild type, 6–7’ tall and blooming late in the season. Despite the specific epithet sulphureus, it is orange. Sow where it is to bloom. Reseeds reliably. Ruhren.


**Cot1050 Cotonaster salicifolius ‘Henryi’.** WILLOWLEAF COTONEASTER. Sun. 15 x 15’. Late Spring/Summer.

199–White blooms. Rare and impressive evergreen fountain-shaped shrub to 10’+ tall and wide. Abundant bright red fruit in fall. Dry shade or sun. Introduced from England by Styer Nursery decades ago, but no longer available. Cresson.

**Cro0600 Crocosmia × crocosmiiflora.** CROCOSMIA GEORGE DAVIDSON. Per. Sun/PtShade. 3–4 x 1½’. Summer. Zone 6a–9b.

3001–These are small to medium sized corms, not seed. Yellow-flowered crocosmia, 25–36’. Somewhat shorter and later to flower than ‘Lucifer’. Very pretty on a slope or with a dark background. Best in full sun. Dig out and separate corms every 3–4 yr for best flowering. Gregg.

**Cro1050 Crocosmia ‘Lucifer’.** Per. Sun. 3–4’; to 4½’ in bloom. Summer.

2515–Red flowers. Takes a few years to bloom from seed—seed germinated readily for me. Lovely, arching, red flower stems. Likes a dry, sunny spot. Doblimaier.

**Cup8000 Cupressus arizonica ‘Silver Smoke’.** ARIZONA CYPRESS.


**Cyc0700 Cyclamen coum (mixed forms).**

45–Pink to white blooms. A wonderful plant for late winter, flowering February–April. Plant where you can see them. They may naturalize. Super foliage. Germ: Soak overnight; C; D; 180 d. Grow with grit/gravel. Transplant after dormancy. Bartlett.

**Cyc0900 Cyclamen coum (silver leaves with pink bloom).**

199–Pink blooms in late winter with silver/pewter foliage. Cresson.

**Cyc1300 Cyclamen coum marble-leaved.**


**Cyc1700 Cyclamen hederifolium.** Per. Shade. 5 x 5’. Fall.

45–Pink or white blooms. A truly wonderful fall-blooming tuberous plant for light to moderate shade. They need dry feet. May naturalize. Germ: Soak overnight; C; D; 180 d. Sow with grower grit. Hold seedlings in pot until after first dormancy. For germination, see Genus Cyclamen: In Science, Cultivation, Art and Culture, by Brian Mather. Bartlett.

**Cyc1800 Cyclamen hederifolium (silver leaves with pink blooms).**

199–Pink blooms in fall with silver/pewter foliage. Cresson.

**Cyn0215 Cynoglossum amabile ‘Mystery Rose’.** CHINESE FORGET-ME-NOT. An. Sun/PtShade. 9–12’. Spring–Summer.

797–Pink, rose blooms. Robinson.

**Cyn2010 Cynoglossum amabile.** CHINESE FORGET-ME-NOT. An. Sun/PtShade. 2 x 1’. Summer.


2294–Blue flowers on summer-blooming annual. Squatierie.

**Cyp1000 Cypella coelestis (syn. C. plumbea).** GOBLET FLOWER. TenBulb, Sun/PtShade. 3–4 x 3–6’. Summer–Fall. Zone 7b.

817–Sky blue flowers. Resembles Tigridia in sky blue. Easy and fast to bloom from seed. Keep seedlings growing over winter. Germ: NST; W; Germinates over an extended period, so don’t discard pots after first germination. Germ: WMS; W; germinating erratic, days or weeks. Ruhren.

**Dan1050 Danae racemosa.** Shrub. PtShade/Shade. 3 x 3’.


817–Ruhren.

3006–White, possible suggestion of purple rimming the bloom. Dramatic bloomer, huge white trumpets facing up. Plant to view at a distance—not so attractive when blossoms wilt the next day. Mayer.
**Dat3120** *Datura metel* ‘Ballerina Purple’. ANGEL’S TRUM-PET, THORN APPLE. TenPer./An. Sun. 2–3 x 3–4'. Summer–Fall.

200-Purple double flowers on large perennial. Night blooming and fragrant. Creveling.


2294-White blooms. Large perennial, night-blooming, upward-facing trumpet flowers. Fragrant. I bring one in each night for my bedside table. Squitiere.

**Dat3160** *Datura metel* ‘Cornucopea’. ANGEL’S TRUMPET. An. Sun. 4 x 2'. Summer–Fall.

3006-Purple and white double (hose-in-hose) flowers. Will grow larger when planted out. Stems are a dark eggplant color. Poor germination. Germ: NST; BC; BH, 2 wk. Mayer.

**Dat3170** *Datura metel* ‘Double Golden Queen’, YELLOW ANGEL’S TRUMPET. An. Sun. 4 x 2–4'. Summer–Fall.


965-Variable pink, burgundy, ivory, and white blooms. This carrot flowers the first year from direct seeding. The variable flowers add a quaint feel to gardens and bouquets. Seeds donated by Half Acre Flower Farm. Umphrey.

**Dei0500** *Deinanthe bifida*. TWO-LOBED FALSE HYDRAN-GEA. Per. PtShade. 12–24 x 12–24'. Spring–Summer.


**Den1000** *Dendranpanax trifidus*. IVY TREE. Shrub/SmTree. PtSun/Shade. 10–15'. Zone 7a–10b.


**Dia0300** *Dianthus amurensis*. AMUR RIVER PINK. Per. Sun. 12–16 x 12'. Summer–Fall.


**Dia0400** *Dianthus barbatus*. SWEET WILLIAM. Bien. Sun. 1–2 x 2'. Late Spring–Summer.


**Dia1550** *Dianthus carthusianorum*. CARPATHIAN PINK, CLUSTERHEAD PINK. Per. Sun. 6 x 12"; to 30" in bloom. Summer–Fall.


**Dia3000** *Dianthus ‘Feuervhexe’* (syn. *Dianthus gratianopolitanus* ‘Firewitch’). CHEDDAR PINK, MOUNTAIN PINK. Per. Sun. 6". Spring. Repeat Bloomer.

2937-Seed from ‘Firewitch’, produces dwarf to very dwarf plants with bloom colors ranging from pink to magenta to salmon. Bittmann.

**Dia4700** *Dianthus knappii* ‘Yellow Harmony’. Per. Sun/ PtShade. 12–18". Midsummer/Early Fall. Zone 3–9.


**Dia6700** *Dianthus superbus var. longicalycinus*. SUPERB PINK. Per. Sun/PtShade. 6–12 x 9–12". Summer. Zone 3–9.

199-Purplish pink, fringed petals on 18" branched stems. August to frost. This remarkable plant was given to me 25 yr ago by Barry Yinger, who collected it in Korea. Easy to grow and drought tolerant. Cresson.


**Dic4650** *Dienecora torulosa*. An./TenPer. Vine. Sun/PtShade/ Shade. 12'. Summer.


**Dic5020** *Dietcmnus albus var. purpureus*. GASPLANT. Per. Sun/PtShade. 2–3 x 2½'. Late Spring–Summer.

926-Mauve or white flowers. *D. albus* x *D. albus* purpureus. An-old-fashioned perennial which has been in the garden long before us. Germ: CMS 90 d, WMS 90 d. Sow seed ASAP. Streeter.

**Dig2500** *Digitalis grandiflora*. PERENNIAL FOXGLOVE, YELLOW FOXGLOVE. Per. Sun/PtShade. 1–1½ x 1'; from 2–3' tall in bloom. Late Spring–Summer.

199-Yellow flowers. The soft yellow flowers blend with almost any color. Reblooms if cut back. Cresson.

1277-Pale yellow flowers. Nice foliage. Haas.

2294-Yellow blooms. Squitiere.

**Dig3020** *Digitalis lambarekii*. Per. PtShade. 3'.

592-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 here not every plant survives its magnificent excess (or is it sun?). Germ: NST. Malocsay.

**Dig3500** *Digitalis lutea*. STRAW FOXGLOVE. Per. PtShade. 6–12 x 12"; from 1–2' in bloom. Late Spring–Summer.


507-Waxy white blooms and dark green foliage. I received this as *D. lanata* from the HPS/MAG Seed Exchange, but further research convinces me that it’s not. This is my best guess. It is an excellent plant. Kolo.

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

**Dig3750** *Digitalis × 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. Bittmann.
**Digitalis purpurea – Erigeron pulchellus**

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

239-Light and darker pink flowers. Germ: BH; BC; SIS. Can be started indoors with NST except room temperature. Can also be started sowing in situ. Doering.


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

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

797-Germ: BC; SIS. Robinson.

**Dip3000 Dipodi um viride.** TenBulb.

592-Weird little bronze/green bells along a scape. Pot overwintered dry gives a steady supply over summer. Germ: NST. Malocsay.

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

797-Buff-colored flowers. Robinson.

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


**Doe1000** **Doellingeria umbellata.** FLAT-TOPPED ASTER. Shade/PtShade. 2–4'. Summer.


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

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

2429-White flowers over low cushion of foliage that remains attractive all season. Germ: BC; NST. Bricker.

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


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

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

**Ech0025 Echeandia texensis.** TEXAS CRAGLILY. Per. Sun/PtSun. 24–36". Fall. Zone 7b–10b.


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

1020-Mauve-pink flowers. Wiedorn.

2294-Lilac blooms. Squitiere.

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


**Ech2000** **Echinops bannaticus.** BLUE GLOBE THISTLE, HUNGARIAN GLOBE THISTLE. Per. Sun/PtShade. 1½–4 x 2'.

2294-Blue blooms on 4' summer perennial thistle with architectural interest. Squitiere.

**Ech3250** **Echinops ritro.** GLOBE THISTLE. Per. Sun. 2–4 x 1–3'. Summer, reblooms. Zone 3–9.


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

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


2294-Clean-colored, mini bells with red veins on a hardy shrub. Squitiere.

**Enk1700** **Enkianthus perulatus.** Shrub. 6'. Spring. Zone 6–9.

3001-The white-flowered form of enkianthus. Compact, deciduous, slow growing—eventually to 6'. Beautiful fall color of reds and oranges. It takes 6–8 yr to reach 4'+, but worth the wait. Germ: L, SS. Gregg.

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

522-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.

592-Blue and white blooms first year from seed, easy to store overwinter. Pot or ground. Best show in quantity at the front of the border. For lovers of close-up dainty flowers. Germ: NST. Malocsay.

**Era4000** **Eranthis hyemalis.** WINTER ACONITE. Per. Sun/PtShade. 3 x 2'. Winter–Spring.

1939-Cheery bright yellow flowers arrive soon after the snowdrops in February. Germ: SIS, NST. They can grow into tubers or plant in undisturbed soils outside and leaves will open, but flowers take three years. Urfner.

**Eri1550** **Erigeron pulchellus ‘Lynnhaven Carpet’.** ROBIN’S PLANTAIN, FLEABANE. Per. Sun/PtShade. 3 x 6; to 10" in bloom. Spring.


2294-White, spring blooms. Foliage makes a tight groundcover. Squitiere.
Eup1480 *Euonymus carnosus*. (Continued.)

opens to expose black shiny seeds. Germ: CMS, Scfy, 3 mo; BH, OW; SR. Kushner.

Eup0800 *Eupatorium coelestinum*. BLUE MIST FLOWER, HARDY AGERATUM. Per. Sun/PtShade. 2–3'. Late Summer–Fall.


239-Soft purple-pink blooms for the middle of the perennial garden. Great color midsummer and attractor of butterflies and moths. Germ: NST. Dwarf form makes this plant a very unusual addition to the garden, both for color but also for the wildlife attraction. Doering.

2294-Mauve blooms. Midsummer bloom, dwarf variety grows to only 4'. Very nice plant. Squitieri.

Eup2100 *Eupatorium fortunei* variegated. VARIEGATED JAPANESE JOE PYE WEED. Per. Sun/PtSun. 3–5 x 3'. Summer.

199-Japanese species with narrow, serrated leaves, irregularly edged white. Masses of pink flowers in late summer. Similar to ‘Pink Frost’. Variegation may not come from seed but flowers are attractive and plant is less heavy and massive than our native Joe Pye weed. Cresson.

Eup2350 *Eupatorium maculatum*. JOE-PYE WEED. Per. 5–7 x 3'. Summer.


Eup2400 *Eupatorium perfoliatum*. BONESET. Per. Sun/ PtShade. 3–5 x 3'. Summer–Fall.


Eup2420 *Eupatorium purpureum*. JOE-PYE WEED. Per. Sun/ PtShade. 6–7 x 3'. Summer–Fall.

507-Kolo.

Eup2440 *Eupatorium purpureum* subsp. *maculatum* ‘Gate- way’. JOE-PYE WEED. Per. 5–7 x 3'. Summer.


Eup3600 *Eupatorium serotinum*. LATE BONESET. Per. Sun/ PtShade. 3–6 x 1'. Summer/Fall.

817-Late summer, early fall-blooming native; a 5' cloud of white, great for pollinators, attractive after bloom as well. Sun. Ruhren.


199-Chartreuse yellow blooms. Half-hardy evergreen perennial that produces tall inflorescences in the second year if given some winter protection to keep the top growth. I cover it with a large white plastic bucket or grow it in a pot. Good drainage and very drought tolerant. Cresson.

Eup6400 *Euphorbia heterophylla*. TenPer. Sun/PtSun.


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

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Eup6900  *Euphorbia marginata*.  SNOW-ON-THE-MOUND. An. Sun/PtShade. 3’. Summer–Fall.
2294-White flowers. Brightens up the garden, prolific re-seeding—deadhead if needed, 2’.  Squitiere.


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

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

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

******  *Eurybia mirabilis*. See: *Aster mirabilis*.

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


******  *Evodia daniellii*. See: *Tetradium daniellii*.


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


2429-Germ: W, NST.  Bricker.


2621-Smokey cloud of feathery foliage is a nice contrast in the border. Beloved by black swallowtail larvae. Likes wet but will grow anywhere when its taproot is established. Germ: NST.  Nachlas.

Fra1050  *Franklinia alatamaha*. FRANKLIN TREE. Tree. Sun. 15 x 15’. Summer–Fall.

84-White flowers in late summer into fall. Excellent red fall color. Interesting striped bark. Germ: CMS: 30 d. After germination, seedlings need to spend next full winter in a frost-free place.  Bowditch.


926-Tender South African bulb with small, pretty, red flowers and grassy foliage. Germ: NST.  Streeter.

1865-Small red flowers with iris-like foliage. Blooms May or June.  Bennett.

Gai5000  *Gaillardia pulchella*. BLANKET FLOWER. An./Per. 10 x 10”. Summer–Fall.

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


1017-Lovely August-flowering white blooms. Long-lived. Reliably hardy for me.  Whitesell.

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

Gen0500  *Gentiana andrewsii*. BOTTLE GENTIAN, CLOSED GENTIAN. Per. Sun/Pt.Shade. 2’. Summer–Fall.


239-Sapphire blue blooms. Low-growing native wildflower for the part shade garden. Flowers are strikingly beautiful and unusual. Germ: BH, SS.  Doering.

1607-Dark blue flowers. I haven’t started this one from seed, but CMS 60 d is recommended.  Jellinek.


Gen1250  *Gentiana asclepiadea*. WILLOW GENTIAN. Per. 20–30”. Late Summer.

208-Blue-purple flowers. Arching stems with 2–3” long willowlike leaves and clusters of 2–3 flowers at nodes.  Dahlke.

Gen2190  *Gentiana makinoi*. ROYAL BLUE GENTIAN. Per. Sun/PtShade. 18–24”. Late Summer/Early Fall.

208-Dahlke.

Gen2570  *Gentiana septemflora var. lagodechiana*. Sun/PtShade.

208-The most easily grown gentian. Vivid blue flowers with pale spots at the tips of the stems. 15–18”.  Dahlke.

Ger2450  *Geranium maculatum*. WILD GERANIUM. Per. Sun/PtShade. 12’ x 12’. Spring–Summer.


Ger2500  *Geranium maculatum* ‘Espresso’. PtShade. 18”.

199-Reddish purple foliage, especially in spring, and deeper pink flowers distinguish this form of our native wildflower.  Cresson.


Gill1250  *Gillenia trifoliata*. BOWMAN’S ROOT, INDIAN PHYSIC. Per. PtShade. 3 x 2’. Spring.


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


199-Mid-sized heirlloom hybrid. Red flowers with a white edge. Has been hardy here for several years.  Cresson.


507-Pale yellow-apricot. An extraordinarily beautiful glad, once featured by the late Holbrook Nursery. Comes true from seed. A very vigorous plant that increases rapidly but can be controlled. Do not skip deadheading.  Kolo.
**Gladiolus – Helleborus niger**

**Gla0450 Gladiolus ‘Carolina Primrose’.** Bulb. Sun. 24–36 x 6–9”.

199-Soft yellow blooms. Found on an old home-site in NC, the origin/ID of this are debatable. Probably an old hybrid of the African *G. dalenii*, also known as *G. x gandavense*. Soft yellow flowers midsummer go with every color! Prolific and hardy in my garden for years, 3’ tall. Supplied as small cormlets that will take a couple years to bloom. *Cresson.*

**Gla0650 Gladiolus dalenii orange-red flowered.** SWORD LILY. TenBulb. Sun/PtSun. 2–3’. Summer.

199-Red-orange blooms. Widely spread variable African species. If you like red, the fiery vermillion flowers with a yellow/green throat are thrilling! Probably winter hardy with mulch or store dry indoors. Supplied as small cormlets that will take a couple years to bloom. *Cresson.*


199-Winter hardy here since it came from a hardware store decades ago and somehow shows up unexpectedly around the garden, hence our name. Tall, reliable, and a great combo among ‘Leslie Woodriff’ OT lilies in early July. Flowers deep pink with cream into the throat. Supplied as small cormlets that will take a couple years to bloom. *Cresson.*

**Gla1055 Glaucium flavum aurantiacum.** HORNED POPPY. Bien./Per. Sun. 18–24 x 9–12”. Late Spring–Early Summer.


**Glo0800 Globularia trichosantha.**

2137–8 x 15”, it bears bright blue puff-balls in summer above densely packed, shiny, evergreen leaves. Its natural habitat is dry, stony grassland, so don’t baby it too much. Germ: W, 90 d. *Boylan.*


2937-Long-lasting, bright pink flowers, excellent cut flower or dried flower. Does well in hot, dry locations and may even self sow year to year. If you haven’t yet tried this easy to grow annual, you really should. *Bittmann.*

**Gom1080 Gomphrena species.** GLOBE AMARANTH.

590-Purple flowers. Up to 18–24” tall in flower. Some pink and cream varieties were growing nearby. *Mahony.*

**Gon0200 Goniolimon tataricum.** GERMAN STATICE. Per. Sun. 1½ x 1½’. Summer–Early Fall.


**Gos0050 Gossypium herbaceum.** LEVANT COTTON. An./ TenPer. Sun. 2–2½ x 1½’. Summer–Fall.

590–2” diameter burgundy “globes” burst open to reveal white cotton interior with seeds attached. Excellent clean foliage. Crepe-papery flowers somewhat hidden by the foliage. *Mahony.*

2890-Cerise pink flowers. Gorgeous leaves, flowers, and cotton balls. 160 days—gorgeous red leaves and stems are the color of Thanksgiving cranberry sauce! The hibiscus-like flowers are a cherry-red to cerise pink, and eventually yield snowy white bolls. 3–4’, bushy plants. Very easy to grow and germinate. Germ: SR, W, NST. I had 100% germination rate. *Carrington.*


592-Pink blooms. Shearing spent bloom seems to prompt sporadic later show. Established mat can take dry heat. *Malocsay.*

**Hab2500 Habranthus robustus.** PINK RAIN LILY. TenBulb. Sun/Per. Sun. 1’. Summer. Zone 8a–10b.

507-Pink flowers. The best habranthus. Everyone should have a pot of these. Beautiful pink funnels. Keep in a pot and overwinter indoors. Germ: NST; Easy. *Kolo.*

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

**Hab2950 Habranthus tubipathus var. texanus.** BARBADOS SNOWDROP, CROCUS LILY, TUBE-SPATHED ZEPHYR FLOWER. TenBulb. Sun. 6 x 3”; to 8” in bloom. Summer.


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


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

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

**Hel1600 Helianthus grosseserratus.** Per. Sun/Per. Sun. 15 x 4’.

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

**Hel3000 Helichrysum bracteatum.** STRAWFLOWER. An. Sun. 3 x 1’.

592-White/pink blooms. Ease over sideways to help it mix in. *Malocsay.*

**Hel5450 Helleborus foetidus (Hungarian form).** BEARPAW STINKING HELLEBORE. Per. Sun/Per. Sun. 2½ x 1½’. Winter–Spring.


**Hel7850 Helleborus niger.** Per. PtShade. 1 x 1½’.

199-White blooms. Remarkable for early bloom in January–February, weather permitting. Surprisingly tough. In mild winters, this plant is a spectacle in mid-January. In colder years, it will bloom later. Germ: May be a year from seed. *Cresson.*
**Helleborus niger – Hieracium maculatum**

**Hel8150** *Helleborus niger* ‘Potter’s Wheel’. CHRISTMAS ROSE. Per. PtShade. 1 x 1½’; Winter–Spring.

522-Lovely, white flowers that fade to pink. Germ: Last January, before she died, I wrote to Judith Tyler of Pine Knot Farms regarding storing hellebore seed in the fridge. She responded that she stores hers in perlite because vermiculite is tricky—too much and it turns into a slimy mess, too little and it is just dust. *Kushner.*


84-Yellow flowers. From hybrid parent, which is my favorite small daylily, with mahogany-striped, yellow flowers. *Bowditch.*

**Hem2750** *Hemerocallis longituba*. DAILYLILY. Per. Sun. 15 x 18; to 30” in bloom. Summer.

507-Gold, perfectly formed trumpets that are on the smallish side. Deadhead daily in the morning for best effect. Similar to *H. middendorfii* but slightly lighter gold and a bit more delicate looking. Germ: CMS. *Kolo.*

**Hem2850** *Hemerocallis middendorfii*. DAILYLILY. Per. Sun. 15 x 18”; to 30” in bloom. Summer.

507-Gold flowers. Nice species daylily with small, beautifully formed trumpets. Deadhead daily in the morning for best display. I sometimes confuse it with *H. longituba*, but I’m almost certain this is the correct name. They are in close proximity and labels long gone. Of the two plants, this is the more vigorous. *Kolo.*

**Hem3000** *Hemerocallis mix*. HYBRID DAILYLILIES. Per. Sun. 2–3 x 2’. Summer.


**Hem3650** *Hemerocallis ‘September Sun’*. DAILYLILY. Per.

200-Yellow daylily flowers. Parent is a 6’, very late-blooming daylily (August–October). Germ: D; SR. *Creveling.*


199-Golden yellow flowers. Blooms in August, later than most hybrids. Foliage holds up all summer. A good landscape plant. From Korean Collection. *Cresson.*

**Hep1000** *Heptacodium miconioides*. SEVEN-SON TREE.

1277-White flowers. Large shrub to 15”; mottled bark; fragrant blooms; red calyces in October look like flowers; sow seed when fresh. Germ: OW. *Haas.*


**Heu1050** *Heuchera americana* ‘Dale’s Strain’. Per. PtShade. 10 x 12”; to 1½’ in bloom. Early Summer.


**Heu2800** *Heuchera villosa*. HAIRY ALUMROOT. Per. Sun/ PtShade. 1½ x 1’; to 2’ in bloom. Late Summer–Fall.


**Heu2850** *Heuchera villosa* ‘Autumn Bride’. Per. Sun/PtShade. 1½ x 1’; to 2½’ in bloom. Summer.

1607-Jellinek.

**Heu2890** *Heuchera villosa* ‘Palace Purple’. Per. Sun/PtShade. 1½ x 1’; to 2’ in bloom. Late Summer–Fall.

2294-White blooms. Seedlings vary, some will be green. Will seed around. Pull the green ones if undesired. Germ: SS, NST, SIS. *Squitiere.*

**Heu2900** *Heuchera villosa* ‘Purpurea’. NATIVE CORAL BELLS. Per. PtShade. 1 x 1’. Summer–Fall.


**Hib0300** *Hibiscus coccineus*. SWAMP HIBISCUS, SCARLET MALLOW. Per. Sun. 5–10 x 3–4’. Summer–Fall. Zone 6a–9b.

817-Ornamental much of the year, months of scarlet, star-like flowers, attractive seedpods, interesting winter form. The broad petals are landing pads for butterflies feeding on the flowers, visited by hummingbirds as well. Loves wet, though tolerant of average moisture. Native, winter hardy herbaceous perennial. *Ruhren.*

2294-Red, Aug–Sept blooms, winter die back, cut back in spring for fullness. *Squitiere.*

2515-Red blooms. Great perennial for a wet, sunny spot. The red flowers are a showstopper in August and September. *Doblimaier.*


**Hib0350** *Hibiscus coccineus* ‘Albus’. WHITE TEXAS STAR HIBISCUS. Shrub. Sun/PtShade. 4–10 x 3–4’. Summer.

239-Tall, handsome, white-flowered form of mallow for the back of garden. Germ: W; BC; NST. *Doering.*

3001-White-flowered form to 6’. Germ: Scfy; W. *Gregg.*

**Hib1850** *Hibiscus militaris*. ROSE MALLOWS. Per. Sun/ PtShade. 5–6’. Summer.


**Hib2150** *Hibiscus moscheutos subsp. palustris*. MARSH MALLOWS. Per. 5 x 5’. Summer.

199-Pink flowers. Plant in your garden or naturalize in wet areas. Minimally damaged by caterpillars compared to many other species and hybrids. *Cresson.*


**Hib2800** *Hibiscus trionum*. FLOWER-OF-AN-HOUR, VENICE MALLOW. An. Sun/PtShade. 12 x 6”. Summer–Fall.

797-Small pale yellow flowers, almost white, with deep wine throat and lacy foliage. Good weaver for pots or border. Self-sows modestly. Germ: BC. *Robinson.*


1143-Silvery-white blooms with dark purple throat. Blooms all summer, followed by attractive seedpods. Germ: Soak 24 d, BH, SS, 30. NST. *Doering.*

**Hic0050** *Hieracium maculatum*. HAWKWEED. Per. Sun. 8–12 x 8–12”; 1–3’ in bloom. Summer.

Hie0600 **Hieracium pannosum.** HAWKWEED. Per. Sun/ PtShade. Summer.

199-Yellow flowers. A unique and attractive hawkweed with wide fleshy gray foliage, almost like stachys, and yellow daisies in summer. Not a typical hawkweed since it lacks a basal rosette and runners, so is better behaved. Provide a dryish part shade to sunny location. *Cresson.*

Hip1100 **Hippeastrum hybrid.** AMARYLLIS. TenBulb. 2 x 1½'; from 2–6' in bloom. Spring.

507-A new red one, excellent shape blossom and a fine true red, grown in isolation and selfed, if that makes a difference. My foolproof method: after bloom when the weather warms put outside in a sunny spot, water well. Indoor foliage will yellow but new leaves will appear. In autumn, take it in and hold back water. Let it die down completely and hold in a darkened (this may be just superstition) place. When new shoot(s) appear, water and place in good light (direct sun not necessary,) Bloom will generally follow the leaves. I’ve kept them blooming for 10 yr sometimes. *Kolo.*

Hip1300 **Hippeastrum papilio.** Bulb. Sun. 1½–2' x 1'. Late Winter–Spring. Zone 8a–10b.


Hos1300 **Hosta kikutii var. yakinusimensis.** Per. PtShade/Shade. 1–1½ x 2'. Summer.

199-Lavender flowers. One of the most drought tolerant and latest blooming (late September) hostas. Long, narrow, pointed, glossy leaves even look good planted in a dry wall. *Cresson.*

Hos2400 **Hosta tardiflora.** Per. PtShade. 6 x 10; to 8" in bloom.


Hyd1300 **Hydrangea anomala subsp. petiolaris.** CLIMBING HYDRANGEA. Vine. Sun/PtShade. 30–40 x 40'. Summer.

1277-Early summer flat corymbs of white blossoms; climbs to 30'. *Haas.*

Hyd1650 **Hydrangea aspera ‘Mauvette’.** Shrub. Sun/PtShade. 10 x 10'. Summer.

199-More deeply lavender than ‘Macrophylla’. In the Villosa Group of *H. aspera* with smaller leaves, but still dramatic. *Cresson.*

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

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

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

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


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


3001-White blossoms. Seed is from ‘Little Honey’, a small, compact yellow-leaved form of Oak Leaf Hydrangea. Not all seedlings will be yellow-leaved, but still make a nice smaller hydrangea. *Gregg.*


1277-White blossoms. The Dept. of Agriculture, which hybridized this short cultivar, encourages gardeners to grow the seed and report the results back to them. Sow the seed on peat moss in a flat on a heat mat in mid-March, do not cover. They sprout like grass and grow on well. This cultivar has outstanding fall color and grows to just 3–4'. Germ: L. *Haas.*

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

199-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. *Cresson.*

Hyd3850 **Hydrangea serrata ‘Blue Billow’.** Shrub. PtShade/ Shade. 2½ x 3'. Summer.

199-Blue sterile flowers age purplish rose. Blooms June–July. Evenly moist soil. ‘Blue Billow’ was selected from the hardy Korean stock for its shorter, more compact habit and deeper blue flowers, but is slightly less hardy in the North. *Cresson.*


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

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

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

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


**Hyp1250 Hypericum frondosum ‘Sunburst’.** GOLDEN ST. JOHN’S WORT. Shrub. Sun/PtShade. 3–4 x 3–4’. Summer.

- **199-** Yellow blooms. Deciduous native rounded shrub with blue-green foliage and reddish brown exfoliating bark. Large, bright yellow flowers May–June. Drought tolerant. Tetraploid cultivar that should come true from seed. *Cresson.*

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

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

**Hyp1550 Hypericum × inodorum.** ST. JOHN’S WORT. Shrub. Sun/PtShade. 3–5 x 3–5’. Summer–Fall. Zone 6–9.

- **2937-** Flowers are on the small side (¾”) and a typical hypericum yellow, but the real attraction are the bright red berries which soon follow. The long-lasting berries are commonly used in cut flower arrangements. *Bittmann.*


- **199–** Yellow blooms. Compact dome of blue foliage and small yellow flowers through much of summer. Tough native shrub for heat and drought. *Cresson.*


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

**Hyp2450 Hypericum tomentosum.** ST. JOHN’S WORT. Per.


**Hyp6010 Hypoix rooperi.** STAR FLOWER, APE’S ARMPIT. TenPer/Per. Sun/PtShade. 1 x 2’. Fall.

- **592-** Bright yellow flowers, a few at a time, summer–fall. RHS dictionary says difficult, resenting disturbance. Pot plant for me, trying it indoors overwinter as opposed to storing dry. Odd foliage triangulation has grown on me. *Malocsay.*

**Hys3010 Hystrix patula (syn. Elymus hystrix).** BOTTLEBRUSH GRASS. Per. PtShade/Shade. 12 x 12”; to 3’ in bloom.

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

**Ile0200 Ilex crenata ‘Dwarf Pagoda’.** Shrub. Sun/PtShade. 6–8’ x 6–10’. Zone 5b–9b.

- **3001-** Open pollinated. Has produced some interesting small-leaved forms. Faster growing than parent. Size can vary from 1–3’ at 5 yr. Germ: CMS: 60 d. R. Two mo cold period required. *Gregg.*

**Ilc0300 Ilex crenata ‘Sky Pencil’.** Shrub. Sun. 6–8’ x 1½–2’. Zone 5a–8b.

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

**Il1550 Illicium floridanum.** FLORIDA ANISE-TREE. Shrub. 6–10’. Zone 6–9.


**Imp1050 Impatiens balfourii.** An. PtShade. 3 x 2’. Summer–Fall. Zone 9–11.

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

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

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

**Imp1200 Impatiens capensis.**

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

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


- **965-** Helmet-shaped flowers appear on self-sowing plants in late summer and fall. May bloom in early summer if established by spring. A lovely filler with nearly true blue flowers. Germ: NST; BC; BH. *Umphyre.*

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


**Inu2370 Inula helenium.** ELECAMPANE. Per. Sun. 1 x 1–2’; from 5–8’ in bloom. Spring–Summer.

- **2517-** Yellow 2” flowers with many rays; thrives in moist soil but will tolerate dry also. Perennial herb blooming Spring–Summer. Germ: NST. *Weaver.*

Ipomoea – Isatis tinctoria

Ip1350  **Ipomoea ‘Chocolate Rose Silk’**. HYBRID MORNING GLORY. TenVine. Sun/PtShade. 3–20’. Late Spring–Fall. 522-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.  

**Ip2550  Ipomoea × multifida**. CARDINAL VINE. An. Vine. Sun. 8–10 x 3’. Summer–Fall. 2137-Cardinal climber vines are an easy to grow, climbing, annual vine. The twining stems will grow quickly up an arbor, trellis, or fence. The profusion of small, but brilliant red trumpet-shaped flowers begin to appear in midsummer, and continue blooming into fall. Finely cut, feathery, deep green foliage is attractive in appearance, growing on dark stems. Germ: Scf, Maloscy.


**Iri1060  Iris domestica ‘Hello Yellow’ (syn. Belamcanda chinensis “Hello Yellow”)**. YELLOW BLACKBERRY LILY. Per. Sun/PtShade. 1 x 1’. Summer. 522-Lovely, clear yellow flowers. Kushner.

**Iri1070  Iris domestica hybrid**. 45-Combinations of yellow, purple, red, and orange blooms from May–June in full sun, to 24”. Easy to grow. **Iris domestica x pardancanda norrisii**. Germ: NST. 40 d. Bartlett.


**Iri5750  Iris sintenisii**. DWARF SPURIA IRIS. Per. Sun/PtShade. 8–12 x 12”. Spring. 199-Blue flowers. Looks like a miniature Siberian iris. Cresson.

**Iri5960  Iris spuria subsp. maritima.** 45-A variety with good blue blooms in May. An easy species iris. Germ: NST. 60 d. Bartlett.

**Iri6500  Iris tridentata.** Per. Sun/PtShade. 15”. Summer. 199-Lavender flowers. July blooming. Thrives in wet soil or shallow water. Native species and one of latest to bloom. Rhizomatous. Young foliage purple in spring is much admired. Cresson.

**Iri6540  Iris typhifolia**. CATTAIL-LEAVED IRIS. 45-An easy species iris, narrow foliage, topped by blue flowers in spring. Full sun will give you a nice clump. Germ: 6 mo. Bartlett.

**Iri6600  Iris versicolor**. BLUE FLAG. Per. Sun/PtShade. 3 x 3½’. Summer. 2429-Blue/purple flowers. Germ: CMS: 90 d; BC. Bricker.

EVERLASTING PEA, TenPer. Sun. ’Albus’.

Vine. Sun. 9’. Summer–Fall.

208-Lavender flowers. This is an underused plant similar to boltinia, but more dependable in bloom and with much more presence. The flowers are larger, it blooms earlier and weaves better than boltinia. Long blooming. Germ: NST, 10 d. Dahlke.

239-Lavender blooms through most of summer into early fall. Very dependable and ornamental for a long time! Germ: CMS; BH; BC. Doering.


Kei1000 Keiskeia japonica var. hondoensis. Per. PtShade. 24–36 x 18–24’. Summer/Fall.


Kir1100 Kirengeshoma palmata. YELLOW WAXBELLS. Per. PtShade. 4–6 x 2½–3’. Summer–Fall.

3001- Yellow flowers on hydrangea relative. Nice addition to the woodland garden. Germ: CMS: 30d. Gregg.

Kit1010 Kitabelia vitifolia. Per./Shrub. 2 x 3’; from 4–5’ in bloom. Spring–Summer.

1277-White, chalice-shaped flowers on tall, rough, leafy plants. Haas.

Kos1250 Kosteletzya virginica. VIRGINIA MALLOW, SEASHORE MALLOW. Per. Sun. 4–5 x 3’. Late Summer–Fall.

239-Excellent 5’ plant for the back of a garden at the seashore. Soft, lovely pink-flowered perennial with salt tolerance that blooms midsummer on. Germ: Soak: 1 d, NST. Doering.

522-Pink flowers. Best planted in groupings, as these are not meant to be specimen plants. Have mine planted in bogs alongside Joe-Pye weeds and pink Asclepias incarnata. Germ: NST; BH 7–10 d. Kushner:


1017-Purple blooms on vigorous, free-blooming annual vine. Whitesell.


200-White blooms on annual vine to over 9’. Germ: SIS, NST. Creveling.


Lat0050 Lathyrus latifolius. EVERLASTING PEA, PERENNIAL PEA. PerVine. Sun/ PtShade. 6–9’. Summer–Fall.

522-Pink. I love annual Lathyrus odoratus, but it peters out in the heat. This sweet pea 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.

590-Mahony.

Lat0100 Lathyrus latifolius ‘Albus’. EVERLASTING PEA, PERENNIAL PEA. PerVine. Sun/ PtShade. 6–9’. Summer–Fall.

1017-White blooms. I love the normal pink, but the white form is even more special. Blooms for months. Whitesell.

Lav0900 Lavandula angustifolia ‘Lady’. LAVENDER. 84-Silvery foliage and lavender flowers make this 1–½’ perennial a good plant. Bowditch.


9976-Lilac purple blooms. Nonhardy lavender grown as an annual NOT for the fragrance, but for the constant bloom from spring to frost. Wonderful silver feathery foliage topped by numerous flower stalks 1–2’ high that continue to elongate and flower in an interesting spiral pattern. Can cut back hard and will continue to bloom. Reliable bloomer for seasonal displays and drought tolerant. Germ: C, BC, NST. 14 d. Wave Hill Gardeners.

Lav1250 Lavandula pinnata. FERNLEAF LAVENDER. 84-Both foliage and lavender flowers are ornamental. Frost tender. Gets to 1½’ before frost. Germ: NST. Bowditch.

Leo0490 Leonotis leonurus. TenPer. Sun. 6 x 3’. Fall.

2199-Orange flowers. Cherry.


Leu4010 Leucosceptrum stellipilum. Per. PtShade. 1½ x 1½’. Fall.


Lev1050 Levisticum officinale. LOVAGE. Per. Sun. 3 x 2’; to 6’ in bloom. Summer.

1017-Greenish white, 6–7’ tall, fragrant flowers, leaves, and seeds. Bold-textured ornamental plant. Whitesell.

Lia1050 Liatris ligulistylis. MEADOW BLAZING STAR, SHOWY GAY FEATHER. Per. Sun. 1½’; from 5–6’ in bloom. Summer–Fall.


199-A dwarf species suitable for the rock garden forming clumps of 12’ pink flower spikes above narrow grassy foliage. Cresson.
Lia2500  *Liatris spicata.* BLAZING STAR, GAYFEATHER. Per. Sun/PtSun. 2–5 x 1 1/2'. Summer–Fall.

1277-Purple spikes in summer. 2'. Germ: NST. *Haas.*


817-Ruhren.


Lig1050  *Ligularia fischeri.* Per. PtShade/Shade. 5 x 3'. Fall.


Lig4500  *Ligustrum japonicum ‘Recurvifolium’.* CURLED-LEAF PRIVET. Shrub. Sun. 6–8'. Late Spring. Zone 6b–8b.


Lil1700  *Lilium formosanum.* FORMOSA LILY, TAIWAN LILY. PerBbulb. Sun/PtShade. 6–8 x 1 1/2'. Late Summer–Fall. Zone 6+.

817-Solid white, no burgundy on outside. Otherwise identical. 6–7'. August-blooming white trumpets. Quick from seed. *Ruhren.*


Lil1950  *Lilium henryi.* HENRY’S LILY. PerBbulb. Sun/PtShade. 2–10 x 8". Summer–Fall.


Lil2750  *Lilium martagon.* MARTAGON LILY. PerBbulb. Sun/PtShade. 4–6'. Early Summer.

215-Pink flowers. A swallowtail butterfly favorite. Will grow better with a bit of lime added each year if you have acid soil. Germ: Cycle: WMS 3 mo @ 70°, CMS 3 mo @ 40°. WMS 3 mo @ 70°. SR. Try starting in a baggie with vermiculite for faster bloom time. Hypogeal—WMS, forms bulb the first few months in the baggie; CMS, bulb requires a chill time; then WMS, until leaf forms. Takes 4+ yr to bloom from seed. Worth waiting for. *DeMarco.*

Lil2800  *Lilium martagon hybrids.* TURK’S CAP LILY, MARTAGON LILY, MOUNTAIN LILY, EUROPEAN WOOD LILY. PerBbulb. Sun/PtShade. 3–5'. Summer.

199-Orange blooms. Seed from various orange hybrids, some spotted. Long-lived, drought tolerant, and very virus resistant. *Cresson.*

Lil3380  *Lilium species.* PerBbulb. 1 1/2–10 x 1 1/2'.

1277-Mixed bloom colors. I wait each late spring for the appearance of these beauties. They appeared in one of my pots purchased at a plant sale. I believe they may be *Lilium x dalhannsonii*, a cross between *L. martagon var. cattaniae* and *L. hansonii*. The leaves are whorled. I now have about 4 and each one is a different color. Germ: Cycle: WMS 3 mo, CMS 3 mo, WMS 3 mo, CMS 3 mo. *Haas.*

Lin1250  *Linaria purpurea.* TOADFLAX. Per. Sun/PtShade. 2–3 x 1 1/2–2'. Summer–Fall.

2937-Violet blue blooms. Airy spires of tiny snapdragon flowers bloom most of the summer, nice blue-gray, narrow foliage which always looks attractive. *Bittmann.*

Liq1200  *Liquidambar styraciflua.* AMERICAN SWEETGUM. Tree. Sun. 60–75 x 40–50'.

926-Good fall color. Germ: Germ: 3 mo cold. *Streeter.*

Lob1250  *Lobelia cardinalis.* CARDINAL FLOWER. Per. Sun/PtShade. 1–3 x 1 1/2'. Summer–Fall.


1277-Red flowers. Likes sunny, moist conditions but will take shade also. Hummingbird’s favorite plant. *Haas.*


1607-Bright red flowers attract hummingbirds. Prefers sunny, moist conditions, but also does well in my drier garden in part sun. *Jellinek.*


1999-Norfolk Botanical.


9985-Red blooms. Germ: OW; L; NST; 30 d. *Jenkins Arboretum.*

Lob1350  *Lobelia cardinalis* ‘New Moon Maroon’. RED-LEAFED CARDINAL FLOWER.

965-This exciting introduction from New Moon Nursery is supposed to be a hardy form of the tender red-leaved (probably hybrid) form of the species. Foliage is dull (rather than shiny) red, but very attractive, and the red flowers were elegantly displayed. Do not yet know whether it will return or if the seeds will come true, but it’s worth a shot. *Umphrey.*

Lob1750  *Lobelia siphilitica.* GREAT BLUE LOBELIA. Per. Sun/PtShade. 2–4 x 1'. Late Summer–Fall.


**Lobelia siphilitica – Magnolia grandiflora**

**Lob1750 Lobelia siphilitica.** (Continued.)

2294-Blue flowers. Late summer perennial, bees love, native. Reseeds. Squitiere.

**Lori1200 Loropetalum chinense f. rubrum ‘Zhzhou Fuchsia’. CHINESE FRINGE-FLOWER. Shrub. Sun/PtShade. 8–10‘.


**Lun0050 Lunaria annua. MONEY PLANT, HONESTY. Bien. Sun/PtShade. 3 x 1‘. Spring.

522-This purple-blooming biennial is always welcome in the spring. Kushner.

1277-Purple flowers. Could have some variegated foliage mixed in. Haas.


**Lun2050 Lunaria annua var. albiflora ‘Alba Variegata’. VARIEGATED MONEY PLANT, HONESTY. Bien. Sun/PtShade. 3 x 1‘. Spring.


965-This is the form with white varigation on the leaves and complementary white flowers. Biennial, so grow the first year to bloom the second. Original seeds from the HPS Seed Exchange grown on by Annetta Kushner and passed along to me. Umphrey.

**Lyc2750 Lychnis cognata.** Per. Sun. 2½–3 x 1–1½‘. Summer.

199-Cantaloupe-orange flowers. Goes well with other fruit-colored flowers such as ‘Stella d’ Oro’. Reblooms some if deadheaded. Sprawling habit, but can be pinched. Native to Korea. A reliable perennial, prefers drier site. Cresson.

**Lyc3050 Lychnis coronaria.** ROSE CAMPION, CATCHFLY. An./Bien./Short-lived Per. Sun/PtShade. 2–3 x 1–1½‘. Summer.


1939-Rose bloom. 12–15”. Does not like wet. Germ: BH; NST, SIS. Sow outdoors in spring up to the two months before frost, or grow inside. Urffer.


**Lyc3100 Lychnis coronaria ‘Alba’. WHITE CAMPION, WHITE CATCHFLY. Bien./Short-lived Per. Sun/PtShade. 2–2½ x 1–1½‘. Summer.

2294-White flowers on a short lived perennial. Squitiere.

**Lyc3150 Lychnis coronaria ‘Angel Blush’. CAMPION, CATCHFLY. Bien./Short-lived Per. Sun/PtShade. 2½ x 1½‘. Summer.

269-White with pink blush or all white blooms. This is a 1½–2’-foot tall biennial or short-lived perennial. Plants self-sow and come true from seed. This seed was collected from plants that were typical ‘Angel’s Blush’, white flowers with pink centers, or all white. Produces (Continued.)

**Lyc3150 Lychnis coronaria (Continued.)

clumps of silver-gray, feltlike leaves. Germ: L, SS, SIS, NST. 30 d. Easy to start in pots as well. Plants self-sow with abandon, so cut back as flowers fade to reduce self-sowing. Also pull up older plants to make room for younger ones. Ellis.


199-Orange blooms. Clumps of rounded habit, 1 x 1’. Long bloom time since it is reputedly sterile, but did produce this seed. Good early to midsummer bloom display over light green foliage. Unlike many lychnis, a good perennial. Cresson.


199-Orange-red flowers above bronzy-purple foliage in early summer. Cresson.


2429-Dark pink flowers in early summer on leafless stalks over low basal foliage. Nice in a trough, rock garden, or border edge. Germ: W, SS, NST. Bricker.

**Lye9550 Lycoris sanguinea var kiusiana. KYUSHU ORANGE SURPRISE LILY. Sun/PtSun. 12”. Zone 5b–7a.

522-Apricot/orange blooms. May be L. s. var. kiusiana. See Pacific Bulb Society’s photographs descriptions and propagating suggestions. Can take 5 yr to bloom from seed. Germ: SR. Kushner.

**Lys1100 Lysimachia ciliata.** FRINGED LOOSESTRIFE. Per. Sun/PtShade/Shade. Late Spring–Midsummer.

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

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

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

**Mag1050 Magnolia ashei.** ASHE MAGNOLIA. Shrub/Tree. Sun/PtShade. 70 x 50’. Summer.

2294-Big, white, fragrant flowers. Huge leaves, try to plant in an area protected from wind. Squitiere.


**Magnolia grandiflora** – *Nelumbo*

**Mag1250 Magnolia grandiflora ‘Edith Bogue’**, SOUTHERN MAGNOLIA. Tree. 30 x 20’. Summer. Zone 6–9.


**Mag1650 Magnolia macrophylla**, BIG LEAF MAGNOLIA, UMBRELLA TREE. Tree. Sun/PtShade. 30–40 x 30’. Summer.


3001-White blooms. An East Coast native, makes a great addition to the woodland garden background. Protect from strong winds. Fast growing, so pot up regularly. Leaves can be 3’ long. Germ: CMS: 120 d. Needs CMS 3–4 mo, then room temperature, to germinate in 30–45 d. Seed is moist packed, so germination rate should be high. Gregg.

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

522-Kushner.


2294-Fragrant, white flowers in May–June. Like the common sound names, prefers very moist soil. Catbirds usually eat all the ripe berries, I managed to get some. *Squitiere:*

**Mal2050 Malva sylvestris**, MALLOW. Per. 3 x 3’. Summer.

507-Kolo.

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

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. *Jenkins Arboretum:*


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

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

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

797-Robinson.

**Mer3000 Mertensia virginica**, VIRGINIA BLUEBELLS.

1939-Sometimes blue, charming bell-shaped flowers in early spring. Native. Germ: CMS: 3 wk; C. *Ufffer:*

**Met1010 Metasequoia glyptostroboides**, DAWN REDWOOD. Tree. Sun. 70–100 x 25’.

200-Creveling.

1277-Deciduous, needled tree. Grows to 80’. *Haas:*


1607-Bright pink blooms with lime green foliage, tolerates heat and drought. Germ: SIS, NST. *Jellinek:*

**Mir1600 Mirabilis jalapa ‘Stars and Stripes’.** FOUR O’CLOCK. An./TenPer. Sun. 2’. Summer.

2515A-White flowers only. Germ: NST. *Doblmayer:*

2515B-Magenta flowers only. Germ: NST. *Doblmayer:*

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


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

1020-Magenta flowers. *Wiedorn:*

**Mon1110 Monarda bradburyana**, BRADBURY’S MONARDA.

522-Pink, white with purple-spotted flowers on gray-green foliage that is an aromatic member of the mint family. A native. Blooms are tubular, two-lipped. 18” tall. Blooms late spring–early summer. *Kushner:*

**Mor2000 Morella pensylvanica** (syn. *Myrica pensylvanica*), NORTHERN BAYBERRY, SWAMP CANDLEBERRY. Shrub. Sun/PtShade. 5–12 x 5–12’. Spring.

239-Yellowish green male catkins, ½” long in spring. Upright rounded, suckering, semideciduous shrub with glossy, dark green, aromatic foliage and waxy gray fruit. A drought and salt tolerant plant. Germ: CMS 90 d; OW; BC; SR; 14 d. Waxy coat must be removed. (I have removed it from this seed.) *Doering:*


**Mus0900 Musa velutina**, PINK VELVET BANANA. Per./TenPer. Sun/PtShade. 6 x 8’. Summer.

1999-Pink flowering banana. Consistently hardy at NBG, zone 7b. Germ: NST. *Norfolk Botanical:*

**Myo2000 Myosotis sylvatica**.

3176-Bright blue flowers in spring on low-growing biennials. Germ: SIS, NST. Possibly start indoors for same season bloom.Self sows once established. *Maher:*

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

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

522-Lovely yellow-berried shrub. Nice companion in the autumn to corylosis, stachyurus, and other woodland plants. Germinates easily. *Kushner:*

**Nel1000 Nelumbo species.** LOTUS. AquaticPer. Sun. 5–8 x 4–8’. Summer. Zone 5–10.

1114-Flower color is a surprise! Worshiped by people around the world, the sacred lotus is a true show stopper. Grower must have patience. Germ: Scfy; CMS: 30–40 d; BH; SS; NST. Scaryf just before sowing. *Aquascapes Unlimited.*
Nicotiana langsdorffii – Packera aurea

Nic0600  **Nicotiana langsdorffii**. FLOWERING TOBACCO. An. Sun. 2 x 3’. Summer.
   2294-Apple green blooms. Annual, late summer bloom if seeds are scattered. Bold foliage, long panicles of blooms. Very nice plant. **Squitiere**.
   2621-Dainty 2”-long lime bells. Germ: L, SS. Reseeds. **Nachlas**.

Nic0900  **Nicotiana mutabilis**. FLOWERING TOBACCO. An. Sun/PtShade. 5–6’. Summer.
   239-Great vertical structure with lovely pink flowers. Does self-sow moderately, but actually a pleasant surprise! Germ: NST. **Doering**.

Nic1110  **Nicotiana Nancy Ondra’s ‘Green Mix’**. An. Sun/PtShade. 4 x 1’. Summer–Fall.
   1607-Green blooms. Great self sower. Attracts hummingbirds. From seed obtained from HPS Seed Exchange several years ago. Germ: BC; SIS, NST. **Jellinek**.

Nic2750  **Nicotiana sylvestris**. FLOWERING TOBACCO, GREAT WHITE TOBACCO. An. Sun/PtShade. 12 x 18”; to 5’ in bloom. Summer–Fall.
   200-Fragrant white blooms on 4–5’ stalk. Reseeds. Germ: SIS. **Creveling**.
   1020-White, long-tubed, fragrant flowers. Large leaves. Self-sows. **Wiedorn**.

Nic2800  **Nicotiana sylvestris ‘Only the Lonely’**. FLOWERING TOBACCO. An. Sun/PtShade. 12 x 18”; to 5’ in bloom. Summer–Fall.
   84-Tall annual with fragrant, white flowers. **Bowditch**.

Nic4000  **Nicotiana ‘Tinkerbell’**. FLOWERING TOBACCO. An. Sun/PtShade. 3’. Summer–Fall.
   2294-Dusky rose petals from long green trumpets. Annual, direct seeding best. **Squitiere**.

   592-Blue or (less often) white blooms. Classic self-sower (won’t transplant). I wouldn’t be without it. Germ: SIS. Rtp. **Malocsay**.
   3176-Blue flowers. Old-fashioned annual with interesting seed heads Germ: SIS. **Maher**.

Oen1510  **Oenothera elata subsp. hookeri**. EVENING PRIMROSE. Per./Bien. Sun. 3 x 1’. Summer.
   199-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 mo. Spent flowers become peachy red enhancing the effect. This is a “see through” plant. Self-sows politely. Native to western states. **Cresson**.

Oen1650  **Oenothera glazioviana ‘Tina James’**. TINA’S MAGIC EVENING PRIMROSE. Per. Sun/PtShade. 3–4’. Summer.
   215-Yellow flowers. Germ: SS, SIS. Biennial. Sow in situ in summer for bloom the following year. **DeMarco**.
   2621-Fragrant, lemon yellow flowers on a biennial, 3’, drought tolerant. Sort of a coarse plant but the blooms pop open at dusk. Quite a summer spectacle. Pollinated by moths at night. Germ: Cycle: 60 d at 40°F, then warm. R, OW. BC. **Nachlas**.

Oph1050  **Ophiopogon planiscapus ‘Nigrescens’**. BLACK MONDO GRASS. Per. Sun/PtShade. 6 x 15”. Summer.
   1277-Haas.

   199-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**. **Cresson**.

Orl1000  **Orlaya grandiflora**. WHITE LACEFLOWER, MINOAN LACE. An.
   965-White blooms. Like a particularly elegant annual Queen Anne’s lace, with larger sterile flowers and wonderfully lacy foliage. Bloomed early summer for me, then went to seed. Lovely while it lasted. **Umphrey**.
   2294-White, early summer blooms. Looks like Queen Anne’s lace, annual, 24” high. **Squitiere**.
   2429-White blooms. Germ: NST. **Bricker**.

   926-Racemes of creamy white flowers with black button centers (ovaries). Not hardy—I winter it in the greenhouse. **Streeter**.

Orn1000  **Ornithogalum magnum**. Bulb. Sun/PtShade. 1–3 x 1–2’. Zone 5–8.
   2294-Late spring white bloom, 2–3’ spires. Not invasive like its cousin **O. umbellatum**. **Squitiere**.

Orn1030  **Ornithogalum pyramidalе.** STARS OF HUNGARY. Bulb. Sun. 18”; to 2–3’ in bloom. Summer.
   199-White flowers with green stripes. Not weedy, but proving a good grower with tall, many flowered spikes in mid–late June. **Cresson**.

Orn1500  **Ornithogalum sintenisii**. Bulb. Sun/PtShade. 4 x 8”; 4” in bloom. Spring.
   199-White flowers. An easy, early blooming species with low, flat clusters of white flowers in early spring. Similar to, but easier than, **O. balansae**. Leaves emerge in autumn, protect from rabbits. Very rare. **Cresson**.

   2294-Yellow daisy flower in early spring. If you plant it in moist soil, like they say, it will run rampant. If placed in a dry shade difficult area, such as under an **Acer rubrum** like mine, it will help control it. Drought tolerant.

(Continued.)
**Pac3000 Packera aurea.** (Continued.)
If dry for extended time, will go dormant. Midsummer after bloom it’s not a showplant, but it does the job of groundcover—keeping the weeds out. Germ: SIS. Squitiere.

**Pae0500 Paeonia anomala.** Shrub. Sun/PtShade. 2¼ x 2¼'. Late Spring. Zone 3–9.
3001-Red blooms. One of the hardiest herbaceous paeonias, and one of the earliest to bloom. Grown for its attractive, fine-textured foliage, as well as its pink to red, 3” blossoms. Gregg.

**Pae2000 Paeonia lutea (syn. Paeonia lutea var. ludlowii).** TREE PEONY. Shrub. 4–6 x 3–4'. Late Spring–Early Summer. Zone 6a–9b.
3001-Open, upright, medium sized woody Paeonia, grown as much for its deeply cut foliage as for its 3” solid yellow blossoms. Slow growth. Warm moist stratification for root development (2–4”), then cool/cold for top growth. Seeds can be sown 3–4” deep in the garden in fall or early winter for germination. Seed a gift from Roger Dinsdale, UK. Gregg.

**Pae3600 Paeonia obovata.** Per. Sun/PtShade. 2–3 x 2–3'. Spring.
65-Pink flowers. Lovely woodland peony known for lipstick red seedpods filled with black seeds. Berger.
200-Pink, single flowers. Gorgeous seedpods, can be slow to germinate. Germ: CMS. Creveling.
5024-White to pale pink blooms. Germ: Cycle: 70°F until germination occurs, then 40°F for 90 d. Seeds require scarification. Nick or abrade with sandpaper or file. Iroki Garden.

**Pae4990 Paeonia suffruticosa.** TREE PEONY. Shrub. Sun/PtShade. 4–5 x 4–5’. Late Spring.
926A-Burgundy color. Streeter.
926B-White blooms with dash of a red flare in center. Streeter.

2937-A large grass with blush foliage and pinkish blooms. Low germination rate, but the ones which do sprout also have a nice blush color. Bittmann.

**Pap0020 Papaver alpinum.** ALPINE POPPY. Per. Sun. 1 x 1’. Spring–Fall.

**Pap0350 Papaver atlanticum.** MOROCCAN POPPY. Per. Sun. 8–12 x 12”; to 2’ in bloom. Summer.
84-Pale orange flowers. Soft blue-green attractive foliage and long bloom season. Bowditch.
199-Cresson.
1607-Jellinek.
**Papaver somniferum** – *Persicaria orientalis*

**Pap3550** *Papaver somniferum* (mixed colors). BREADSEED, OPIUM, CARNATION POPPY. An. Sun. 2–4 x 1'. Summer.

- 239-Mixed, mostly pink blooms. Sow in the snow with the Consolida ambiguа for a wonderful color combination of filler plants. Germ: SIS. In winter, sow seeds where colorful display is wanted. What could be easier or more rewarding? *Doering*.

**Pap3630** *Papaver somniferum* var. *paoniflorum*. PEONY-FLOWERED POPPY. An. Sun. 4 x 1'. Summer.


**Pap3650** *Papaver somniferum* (pink, double). OPIUM POPPY. An. Sun. 4 x 1'. Summer.


**Pap3950** *Papaver somniferum* (purple, double). OPIUM POPPY. An. Sun. 4 x 1'. Summer.


**Pap4150** *Papaver somniferum* (red, double). An. Sun. 4 x 1'.

- 2294-Double burgundy summer blooms on annual. Can seed around. Germ: SIS. *Squitiere*.

**Pap4700** *Papaver somniferum* (white, single). An. Sun. 4 x 1'. Summer.

- 2294-Annual, 3' high in (white) bloom. Seedpods are decorative; can be painted for fun. Germ: NST, SIS. *Squitiere*.

**Par1650** *Paradisia lusitanicum*. PerBulb. Sun.


**Par4010** *Parthenium integrifolium*. WILD QUININE. Per. Sun/PtShade. 2–4 x 1–2'. Summer–Fall.


- 2429-Bricker.


- 269-Purplish blue and white blooms. A native vine that climbs by tendrils, this species reaches 6' and spreads as far. Plants bear 3–5-lobed leaves and 3"-wide flowers in mid to late summer. Blooms are followed by edible, oval, green to yellow fruit. Plants spread by root suckers to cover a wide area. They die to the ground in winter and are very late to emerge in spring (late May in my garden), so mark their locations. Sun to part shade with average soil. Use on a trellis or for covering soil areas. Germ: CMS. Soak: 2 d, W, OW, *Ellis*.


- 2429-Bricker.

**Pat2060** *Patrinia scabiosifolia* ‘Nagoya’. Per. Sun. 2–3 x 1–1½'. Summer–Fall.

- 1580-Unusual plant with overall flower color being chartreuse. Late season blooms are long lasting. The species grows to 5–6' in height and foliage remains clean all season. Sun or part shade with moist soil preferred. Germ: C, BC; 50d. *Romenesko*.

**Pel2050** Peltoboykinia watanabei. Per. PtShade/Shade. 18 x 18". Late Spring.


**Pen2200** *Penstemon canescens*. 2515-Pale violet flowers. This penstemon tolerated extremely dry conditions under an overhang this summer and the foliage still looked fresh in autumn. Would look great in a rock garden setting. Germ: W, NST. *Doblmaier*.

**Pen3000** *Penstemon digitalis*. BEARD TONGUE, FOXGLOVE. Per. Sun/PtShade. 4 x 1½'. Summer.

- 2937-Pale pink blooms. Seed are collected off ‘Dark Towers’, a pink-flowering hybrid with dark purple foliage. Hopefully some of the seedlings will share their parent’s good looks. *Bittmann*.

- 9985-White blooms. Germ: OW; L, SS; NST; 30 d. *Jenkins Arboretum*.

**Pen3050** *Penstemon digitalis* ‘Husker Red’. FOXGLOVE, BEARD TONGUE. Per. Sun/PtShade. 4 x 1'. Summer.


- 1277-Rosy-red blooms. Needs well-drained, moderately fertile soil. Does not like wet winter conditions (read, does not survive) but takes drought and full sun very well. 8–10 x 8–10". *Haas*.

**Pen5300** *Penstemon smallii*. SMALL’S BEARDTONGUE. Per. Sun/PtShade. 6 x 6"; to 1' in bloom. Spring–Summer. Zone 5+.


**Per0040** *Perilla frutescens*. 2429-Germ: NST. *Bricker*.

**Per0200** *Perilla frutescens* ‘Crispa’. An. Sun/PtShade.


**Per2500** *Persicaria amplexicaulis* ‘Firetail’. MOUNTAIN FLEECE. Per. PtSun/PtShade. 3–4 x 3–4'. Summer–Fall.

- 199-Reddish-pink blooms. Heart-shaped leaves and numerous spikes of deep reddish-pink flowers over a very long period. Cut back midsummer if necessary to rejuvenate. *Cresson*.

**Per2650** *Persicaria orientalis* ‘Shiro-gane Nishiki’. PRINCE’S FEATHER. An. Sun. 6–7 x 2–3'. Summer–Fall.

- 199-Pink flowers. Large, heart-shaped leaves splashed with cream. Lushest growth in rich soil with plenty of water. Self-sows year to year. *Cresson*. 
**Per2650**  *Persicaria orientalis* ‘Shiro-gane Nishiiki’. (Continued.)
8026-1 Taller (5’), lovely velvety foliage with cream splashes, late summer, drooping pink plumes, prefers rich soil, good moisture, sun to part sun. Germ: Cycle: 30 d at 40°F, then warm. R. W. Nachlas.

**Pha0200**  *Phacelia bipinnatifida*. FERNLEAF PHACELIA. Bien. PtShade/Shade.
2294-Great biennial plant with lavender blooms. Leaves grow the first spring until it goes dormant in late fall. The next spring they emerge and bloom for about a month, 12–15’ tall. Self sows, so you’ll always have them. Best in part shade. Germ: NST. S. Squitieri.

200-Red blooms on annual vine to 6–8’. Creveling.

**Phl0050**  *Phlomis cashmeriana*. Per. Sun. 3–4 x 1’. Spring.

**Phl0100**  *Phlomis russeliana*. JERUSALEM SAGE. Per. Sun/PtShade. 3–4 x 2’. Early Summer.

**Phl0200**  *Phlomis tuberosa*. Per. Sun/PtSun. 1 x 1½; 3–5’ in bloom. Summer.
199-Purplish pink flowers. Summer bloom on tall spikes to 6’ above large basal leaves. Drought tolerant. Cresson.

1277-Pinkish white flowers. Plants resulting from seed probably won’t have the purple-colored leaves, but you might want to take a chance. Germ: NST. Haas.

**Phy1250**  *Phytolacca americana*. POKEWEED. Per. Sun. 10 x 3’. Late Spring–Midsummer.
3006-White blooms. Grow for statuesque quality, purple-red stems, purple fall berries, and reddish fall foliage. This American native is appreciated in Europe but here, not so much! Germ: Sow 55–64°C, 40°C, 70°C, 40°C, 70°C; Sow ASAP. Propagation slow, but worth the wait. Do not let the seed dry out before sowing—keep moist. Germ: CMS; Cycle 40°C, 70°C, 40°C, 70°C; Sow ASAP. Streeter.

**Phy1300**  *Phytolacca americana* ‘Silberstein’. VARIEGATED POKEWEED. Per. Sun/PtShade. 3–4’. Late Spring–Midsummer.
3006-A diminutive form of pokeweed, heavily variegated, almost white at times. Plant only grows to about 4 x 4’ in first year or two. Germ: OW; SIS. Fits nicely into both polite or wild borders. Seed from N. Ondra, 2013. Mayer.

**Phy1400**  *Phytolacca americana* ‘Sunny Side Up’. POKEWEED. Per. Sun/PtShade. 4–6’. Late Spring–Midsummer.
3006-Interesting cultivar with lovely chartreuse leaves in spring, becoming more mottled and darker green in summer (in shade.) Spectacular paired with *Paeonia* ‘Bowl of Beauty’. Native. Germ: OW; SIS. Very large plant suited to a wild border or larger areas. Tolerates heavy pruning. Seeds from HPS 2014 via Wave Hill. Mayer.


**Pla2000**  *Platycodon grandiflorus* (syn. *Campanula glauca*). BALLOON FLOWER. Per. Sun/PtShade. 2–3’ x 12–15”. Summer.
318-Blue flowers. Garnett.
1277-Blue flowers. 2’. Haas.
1585-Blue flowers, maybe some whites. Seed may include doubles. Germ: NST. Scofield.
2294B-Blue flowers. I’ve never tried it from seed, but I’ve had occasional volunteers. Original plant was purchased and has been in my garden now for years. Pinch back to avoid flopping. Floriferous. Good fall color. Germ: NST. Squitieri.

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

**Pol2550**  *Polarania dodecandra*. DWARF CLEOME. An. Sun. 2 x 1½’. Summer–Fall.
797-White flowers. Germ: BC; SIS. Robinson.


**Pol2700**  *Polygonatum biflorum*. SOLOMON’S SEAL. Per. PtShade/Shade. 1–5 x 3’. Spring/Summer.
926-White flowers with green tips. Graceful arching woodlander with pendant flowers followed by blue fruit. Propagation slow, but worth the wait. Do not let the seed dry out before sowing—keep moist. Germ: CMS; Cycle 40°C, 70°C, 40°C, 70°C; Sow ASAP. Streeter.

**Pol2730**  *Polygonatum biflorum var. commutatum*. GIANT SOLOMON’S SEAL. Per. PtShade/Shade. 4–6 x 2’.
199-White flowers in spring/summer. Whatever the correct name, this is the huge tetraploid form, taller with more flowers. Tall arching habit. Tolerant of dry shade but likes rich soil. Cresson.

**Pot2450**  *Potentilla thurberi*. CINQUEFOIL. Per. Sun/PtShade. 1½ x 1’. Spring/Summer.
199-From the Southern U.S. and Mexico comes this easy, long-blooming perennial with sprays of deep red small flowers. Best in an open sunny location with good drainage. About 18” tall. Cresson.

**Pri2350**  *Primula japonica* (pink). JAPANESE PRIMROSE. Per. PtShade. 2 x 1½’. Spring.
2294A-Dark pink blooms. Enjoys very moist conditions, beside a stream. Squitieri.
2294B-Varying shades of pink, candelabra-type blooms. Goes dormant in summer. Squitieri.


**Primula veris – Robinia hispida**

**Pri3350 Primula veris. COWSLIP, ENGLISH COWSLIP. Per. PtShade. 6–10 x 6–10’. Early Spring.**


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

**Pul1040 Pulsatilla vulgaris. PASQUE FLOWER. Per. Sun. 6 x 12”. Spring.**

2294-White blooms in very early spring. Herbaceous perennials forming clumps of finely dissected leaves, with solitary, hairy, bell-shaped or cup-shaped flowers followed by silky plumed seed heads. *Scofield.*

**Pul1050 Pulsatilla vulgaris var. rubra. PASQUEFLOWER. Per. Sun/PtShade. 6–12”. Spring. Zone 3a–6b.**


**Pyc1050 Pycnanthemum muticum. MOUNTAIN MINT. Per. Sun. 2½ x 1½’. Summer.**

2294-White blooms on native mint, a spreader. Worth planting if you have room in a relaxed, wilder area. Every bug in the county will feed on it. *Scofield.*

**Pyc3000 Pycnanthemum tenuifolium. SLENDER MOUNTAIN MINT. Per. Sun/PtShade. 2–3’. Summer.**

118-Germ: CMS 3mo; L; W; 6mo. *Stonecrop Gardens.*

817-White blooms for about 2 mo. A superb nectar source for pollinators. Showy enough for garden display. Charcoal gray seed heads showy all winter, like mini *Sedum* ‘Autumn Joy’. Not an aggressive spreader. Seed from ‘Cat Springs’, but the wild type was close by. *Ruhren.*

**Rab1000 Rabdosia longiflora. Per. Sun/PtSun. 5 x 2’.**

199-Blue flowers. Japanese native with tubular blue flowers in branched clusters at the nodes all along the stem in late September to October. Lovely supported by adjacent shrubs. Height to 6’ in bloom. *Cresson.*

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


**Rha0200 Raphiolepis indica. INDIAN HAWTHORN. Shrub. Sun/PtSun. 3–4 x 3–4’. Spring. Zone 8–10.**

199-Evergreen shrub bearing clusters of white flowers in spring followed by black fruit in fall. Not hardy but has wintered in my unheated coldframe for 40 yr. *Cresson.*

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

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

**Rho1860 Rhododendron canescens. PIEDMONT OR FLORIDA PINKSTER AZALEA. Shrub. Sun/PtShade. 4–5’. Zone 5–9.**

3001-Fragrant pink/white, early spring-flowering native to SE U.S. and parts of the mid-Atlantic. 6–12’. Multi-stemmed, drought tolerant. The plant can be stoloniferous in the right soil. Can grow in full sun to nearly full shade, though bushier with more sun. Germ: L, W. *Gregg.*

**Ric1050 Ricinus communis. CASTOR BEAN. An. Sun. 5–6 x 5’. Summer.**

2890-Red flowers. Castor bean is a herbacious annual which can reach to nearly 15’ tall when growing in open spaces in warm climates. Large leaves are alternate, palmately lobed with 5–11 toothed lobes. Leaves are glossy and often red- or bronze-tinted when young. Flowers appear in clusters at the end of the main stem in late summer. The fruit consists of an oblong spiny pod which contains three seeds on average. Seeds are oval and light brown, mottled or streaked with light and dark brown and resemble a pinto bean. The plant itself is fast growing and easily grows to maturity in my Zone 7b. My plant is the tallest plant in our community garden—taller than cannas or sunflowers. Every part of the plant is poisonous to humans and animals. Germ: SR, W, SS, NST. 14 d. *Carrington.*

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


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


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

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

**Ric1230 Ricinus communis ‘Carmencita Red’. CASTOR BEAN. TenPer. Sun. 6–9’. Summer.**


**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. *Dohlmaier.*

**Ric1500 Ricinus communis ‘New Zealand Purple’. PURPLE CASTOR BEAN. Shrub. Sun. 6–10’. Late Summer/Early Fall. Zone 8a–11.**


**Rob0500 Robinia hispida. BRISTLY LOCUST, ROSE ACACIA. Shrub/Tree. Sun. 2–10 x 5–15’. Spring.**

9985-Pink flowers dangle from bristly brown stems in late spring. Slightly fragrant and very attractive. Plant is rhizomatous and will spread around. Germ: Scfy; OW; BC; NST; 30 d. *Jenkins Arboretum.*
**Rodrigesia pinnata** – **Salvia**

<table>
<thead>
<tr>
<th>Code</th>
<th>Common Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rod1040</td>
<td><strong>Rodgersia pinnata ‘Superba’</strong></td>
<td>Per. PtShade. 1 x 1 ½. Pink flowers in summer. Reddish foliage, especially when young. Darker than many I’ve seen. Cresson.</td>
</tr>
<tr>
<td>Rud1560</td>
<td><strong>Rudbeckia fulgida var. deamii</strong>, BLACK-EYED SUSAN. Per. Sun/PtShade. 3 x 2’. Summer. 199-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. Cresson.</td>
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</tr>
<tr>
<td>Rud1600</td>
<td><strong>Rudbeckia fulgida var. fulgida</strong>, ORANGE CONE FLOWER. Per. Sun. 2–3 x 2–3’. Late Summer–Fall. 2294-Yellow/black blooms. This is straight fulgida, not Goldsturm. Flowers a little smaller than Goldsturm. I was tired of my Goldsturm’s leaves turning black mid-August every year. They’re gone, these keep the green all season. Squitiere.</td>
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<tr>
<td>Rud1850</td>
<td><strong>Rudbeckia fulgida var. sullivantii ‘Goldstrum’</strong>, Per. Sun. 12 x 12”; to 2’ in bloom. Summer–Fall. 1277-A workhorse of a plant. Blooms almost all summer and into fall. Haas.</td>
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</tr>
<tr>
<td>Rud2700</td>
<td><strong>Rudbeckia hirta</strong>, GLORIOSA DAISIES. Bien./Per. Sun. 3 x 3’. Summer–Fall. 2294-Yellow blooms on annual daisy of unknown variety. Seeds in a bit; I have volunteers yearly. Squitiere.</td>
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</tr>
<tr>
<td>Rue1040</td>
<td><strong>Ruella humilis</strong>, WILD PETUNIA. Per. Sun/PtShade. 1 x 1’. 965-Blue violet blooms. A nice variant of the very useful native biennial <em>Rudbeckia triloba</em>. The two-toned flowers are attractive, and the plants I grew did not seem as vigorous as the straight species. Do not yet know whether it will self sow with the same enthusiasm. Umphrey.</td>
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</tr>
<tr>
<td>Rue1150</td>
<td><strong>Ruella humilis var. humilis</strong>, Per. Sun/PtShade. 1 x 1’. 965-Blue violet blooms. A tough native for dry sunny spots. Young plants are slow to get going, but they form nice 1’ mounding plants in time. Plants seed around (beware of exploding seed capsules) but the seedlings are very small the first year, so easy to manage. Pretty flowers are short lived but keep on coming all through August. Umphrey. 1277-Blue-violet flowers. Perennial. Think this might be <em>R. humilis</em> or <em>R. carolinensis</em>, but not sure. Mine only got to 1’. Nice plant. Haas. 1865-White blooms. Germ: W. Treated seeds with GA–3 before sowing at 70°F. Bennett.</td>
<td></td>
</tr>
<tr>
<td>Rue1150</td>
<td><strong>Ruellia humilis var. humilis</strong>, Per. Sun/PtShade. 1 x 1’. 965-Blue violet blooms. A tough native for dry sunny spots. Young plants are slow to get going, but they form nice 1’ mounding plants in time. Plants seed around (beware of exploding seed capsules) but the seedlings are very small the first year, so easy to manage. Pretty flowers are short lived but keep on coming all through August. Umphrey. 1277-Blue-violet flowers. Perennial. Think this might be <em>R. humilis</em> or <em>R. carolinensis</em>, but not sure. Mine only got to 1’. Nice plant. Haas. 1865-White blooms. Germ: W. Treated seeds with GA–3 before sowing at 70°F. Bennett.</td>
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<tr>
<td>Rut1010</td>
<td><strong>Ruta graveolens</strong>, COMMON RUE. Per. Sun. 2 x 2’. 2137-Rue plants have bluish-green, fernlike leaves that are bushy and compact. The summer-blooming flowers on the rue herb are yellow with petals that are frilly on the edges and the center of the flower is normally green. Germ: W. 90 d. Boylan.</td>
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<tr>
<td>Sal0100</td>
<td><strong>Salix gracilistyla ‘Melanostachys’</strong>, BLACK PUSSY WILLOW. 208-Black catkins on 15 x 15’ shrub, if not cut back in spring after bloom. Sun. Caution: Do not plant near water lines or septic systems. Dahlke.</td>
<td></td>
</tr>
</tbody>
</table>
Sal0600  **Salvia azurea**. BLUE SAGE, PRAIRIE SAGE. Per. Sun. 3 x 2’. Summer.

2515-Lovely light blue salvia. Drought tolerant. Native to central US. Bee magnet for me this year. **Doblmaier.**

Sal1000  **Salvia coccinea**. TExAS SAGE. An. 1–3 x 2’.

1939-Red blooms. Great filler in the summer and fall. Germ: NST. Deadheading prolongs bloom, but self sow easily if seedpods are allowed to form. **Urrfer.**


Sal1100  **Salvia coccinea ‘Brenthurst’**. An. Sun. 20–30 x 12”.

318-Summer–fall bloomer. **Garnett.**

Sal1150  **Salvia coccinea ‘Coral Nymph’**. CORAL NYMPH TROPICAL SAGE. An. Sun. 3–4 x 1–2’. Summer–Fall.

549-Delicate sprays of pinkish coral and white flowers. Long bloom time with deadheading. Germ: Easy; scatter seeds. Reseeds. **Leiner.**


Sal1250  **Salvia coccinea ‘Lady in Red’**. SALVIA. An. Sun/ PtSun. 3–4 x 2’. Summer–Fall.

200-Red blooms all summer. Hummingbirds love it. Germ: NST. **Creveling.**


1277-Purple-blue flowers. Wonderful plant. Somewhat slow to get growing, but once started, it never stops until frost. Comes true from seed. Good for pressing and drying. **Haas.**

Sal2350  **Salvia guaranitica**. ANISE-SCENTED SAGE. An./ TenPer. Sun/PtShade. 5 x 2’. Summer–Fall.

199-Indigo blue flowers. One of the hardiest forms of this species which has been hardy outdoors, protected by a mulch for 30 yr. 5–6’ tall when established. July–October bloom. **Cresson.**

318-Deep, strong, true blue flowers. **Garnett.**

522-Brilliant, true-blue flowers for months. **Kushner.**

Sal3600  **Salvia roemeriana**. Per. Sun/PtSun. 18 x 24”. Late Spring.

2515-Red flowers. Bloomed from June to frost. Small plants made a bold statement in the front of the border. Likes a drier soil. **Doblmaier.**


1277-Ultramarine blue flowers. Park’s, where I purchased this seed, lists it as Zone 8. I have grown it now for 3–4 yr in a protected spot by my polyhouse, and I am zone 6A! Try it. Germ: BH. **Haas.**

Sal3870  **Salvia patens ‘Patio Sky Blue’**. Sun.

84-Pale true blue blooms on a low (12”) tender perennial. Excellent in containers. **Bowditch.**

Sal4400  **Salvia sclarea**. CLARY SAGE, TRUE CLARY SAGE. Per. Sun. 6 x 12”; from 2–3’ in bloom. Summer.

2429-Biennial with blue flowers in early summer. A strong vertical element with scented foliage. Cut back after bloom to limit reseeding. **Bricker.**

Sal4500  **Salvia sclaria var. turkestanica**. CLARY SAGE. Bien. Sun. 30 x 18”; to 36” in bloom. Spring–Summer.

2294-Blue blooms. Great vertical element in early summer—deadhead to avoid reseeding, strong-scented foliage. **Squitiere.**

Sal4890  **Salvia splendens ‘Louie’s Orange Delight’**. TenPer. Sun/PtShade. 18–24 x 18–24”. Summer–Fall.

199-Orange blooms. Nonhardy bushy annual that blooms continuously, even in winter as a houseplant. Easy from seed or cuttings. I couldn’t do without this in my hot color border summer to fall, 2–3’ tall and wide in rich soil and sun. Apparently this is the true form rather than the red thing under this name in garden centers. Comes true from seed. **Cresson.**

Sal4910  **Salvia splendens ‘Peach’**. An. PtShade. 3–4 x 3’. Summer–Fall.

199-Upright bushy plant habit. Spikes of peachy pink flowers with orange calyxes. I grow it with **Rosa ‘Mutabilis’**. Blooms all summer outdoors and winter indoors, 2–3’ tall. **Cresson.**

522-A tall coral peach salvia. Mine grew to 5’ and started blooming in June–October. **Kushner.**

Sal5150  **Salvia tilifolia**. An. Sun. 36–48 x 24–36”. Late Summer–Early Fall.

2515-Purplish blue blooms. Lovely salvia that blooms all summer long with deadheading. I’ve tried this plant in containers and in garden beds and it does much better in the ground. The original seed was from the 2013–14 HPS Seed Exchange. Germ: W, NST. **Doblmaier.**

San0100  **Sanguisorba armena**. Per. 3–4’.

199-White blooms. Large glaucous 3’ foliage resembles *Melianthus major*. Nodding, white, bottlebrush flower spikes in early summer. Probably best with part sun and moist soil. Turkish native. **Cresson.**

San0750  **Sanguisorba hakusanensis**. Per. Sun/PtShade. 18–24”.

199-Pink blooms. Rare Japanese perennial with gray-green leaves and pink bottlebrush flowers in July–August. **Cresson.**


590-Deep red, bottlebrush or catkin-like blooms. **Mahony.**

San1400  **Sanguisorba obtusa**. JAPANESE BURNET. Per. Sun/ PtShade. ½ x 2’. Summer–Fall.

199-Spikes of pink bottlebrush blooms July to Sept. Enjoys rich organic soil. Similar to *S. hakusanensis*, but later bloom. Japanese. **Cresson.**

San1850  **Sanguisorba tenuifolia ‘Purpurea’**. Per. Sun/PtShade. 4–6 x 1½’. Fall.

199-Small, deep maroon bottlebrushes atop tall branched stems are a great companion to late perennials. **Cresson.**

Sar1050  **Sarcococca hookeriana var. humilis**. HIMALAYAN SWEET BOX. Shrub. PtShade/Shade. ½ x 3’. Late Winter.

3001-White blooms. A small, fragrant, evergreen shrub (12–24”). Very slow growing. Usually listed as a zone 7–9 plant, but can be grown in zone 6, as long as it’s protected from winter winds. Blooms late winter. Nice in the front of the border, as an edging plant, or outside a home entrance, for its fragrance. **Gregg.**
**Sarcococca orientalis** – *Silene armeria*

**Sar1400**  *Sarcococca orientalis*. WINTER BOX. Shrub. 4'.


**Sar1450**  *Sarracenia flava*, YELLOW PITCHER PLANT. Per. Sun. 1½–3'.


**Sar1650**  *Sarracenia purpurea subsp. purpurea*. COMMON PITCHER PLANT. Per. Sun/PtShade. 6–12 x 6–9”. Summer. Zone 4–9.

1114-Deep red flowers. The Mid-Atlantic’s only native pitcher plant. Cold hardy to zone 5, can be found growing in glacial bogs in North and Western PA and in the pine barrens of NJ, MD, and NY. Water with rainwater only, full sun, constant moisture. Germ: CMS: 30–40 d; BH; SS; 20–30 d. *Aquascapes Unlimited.*


199- 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. *Cresson.*

**Sca1000**  *Scabiosa atropurpurea*, PINCUSHION FLOWER.


**Sca1650**  *Scabiosa lucida*. SCABIOUS. Per. Sun. 10 x 10”; to 12” in bloom. Late Spring.


**Sci1010**  *Scilla autumnalis*, AUTUMN SCILLA. Bulb. Sun/PtShade. 2”; to 12” in bloom. Summer–Fall.

3231-Pink-purple blooms. Great late season color. *Perron.*


**Sci2020**  *Scilla scilloides* (late form). CHINESE SCILLA. Bulb. Sun/PtShade. 2’. Summer–Fall.

199- Often grown under the misnomer *S. numidica*, this late blooming form is a bit huskier and deeper in color. Self-sows vigorously in the rock garden, so deadhead. Try near early colchicums. Blooms Aug–Sept. *Cresson.*

**Sci2030**  *Scilla scilloides* (short form). CHINESE SCILLA. Bulb. Sun/PtShade. 8”. Summer.


**Scu2010**  *Scutellaria diffusa*. SKULLCAP. An. Sun/PtShade. 6 x 10’. Summer.


**Scu4010**  *Scutellaria incana*. DOWNY SKULLCAP. Per. Sun/PtShade. 2–3 x 2’. Summer–Fall.

199-Light blue. Attractive gray-green foliage. The combination of light blue flowers and gray foliage is charming, particularly in dry moderate shade under white pine or beech, which it seems to prefer to my richer flower borders. *Cresson.*

**Sen0020**  *Senecio aureus*. GOLDEN RAGWORT. Per. Sun/PtShade. 10½ x 24”; to 18” in bloom. Spring.

1277-Haas.

**Sen1800**  *Senna hebecarpa*. WILD SENNA. Per. Shade. 4–6 x 2½’. Summer–Fall.


**Sen2010**  *Senna marilandica* (syn. *Cassia marilandica*). WILD SENNA. Per. Sun/PtShade. 3–6 x 2–3’. Summer–Fall.

965-Yellow flowers. A native 4–6’ tall, summer-blooming legume for sun or part shade and moist to average soils. Foliage stays clean throughout season. May flop a bit if grown in too much shade. *Umphrey.*

1277-Yellow flowers. Blooms spring to fall. *Haas.*

**Set1000**  *Setaria italica*. ITALIAN MILLET. An. Sun/PtShade.

592-Pendent developing seed head needs support/context to look its best. Dry arrangement drama. Extras can be hung out for winter birds. *Malocsay.*

**Sid0050**  *Sida hermaphrodita*. GLADE OR VIRGINIA MALLOW. Per. PtShade. 6–10’. Summer.

543-Insignificant white flowers on tall plant (7–8’) for the back of a semi-shaded border. Moist soil. Bright green, star-shaped leaves similar to *Liquidambar styraciflua*. Listed as endangered in several states. *Leasure.*

**Sid1000**  *Sidalcea species*. FALSE MALLOW. An./Per. Sun. 16–52’. Summer.


**Sil0050**  *Silene armeria*. SWEET WILLIAM CATCHFLY, NONE-SO-PRETTY. An./Bien. Sun/PtShade. 12–24” in bloom. Summer.

199-Pink flowers. Rosettes of narrow, glaucous leaves produce airy sprays of tiny, hot pink blooms, perfect among perennials. Allow to self sow and it will always be there. *Cresson.*
Silene armeria – Sporobolus heterolepis

Sol0100 Silene armeria. (Continued.)


Sol1700 Silene regia. ROYAL CATCHFLY. Per. Sun/PtShade. 2½ x 1’. Summer.

199—Reddish orange blooms. Tall 4’ spikes July–August resemble cardinal flower, but thrive on dryish clay in sun to part shade. Easy mid-Western and Southern native in prairies and open woods. Cresson.


269—A short-lived perennial, this handsome, 2'-tall native bears red flowers from late spring to early summer. Plants require well-drained soil and partial shade. My plants receive sun from morning until mid-afternoon and are at the top of a wall, which provides perfect drainage. Plants self sow. Germ: CMS, OW. 60 d. Ellis.

Sol4260 Silphium perfoliatum. CUP PLANT. Per. Sun/PtShade. 8 x 4’. Summer–Fall.

543—Yellow flowers. Large, square-stemmed plant with yellow daisy-type flowers in summer. Native to the prairie. May seed aggressively. Germ: NST; BC; W; 2 wk. Leasure.

817—Big, bold, and gorgeous. Feeder of butterflies (its flowers) and birds (its seed). Large leaves clasp the base of the amazingly square stem, forming a cup that holds water. Big heads of yellow sunflower-like flowers. Native herbaceous perennial wanting sun and moisture. Ruhen.

3006—Prairie native. Sprays of small 1½” yellow flowers from late summer onwards. May have green or possibly dark purple square stem. Statuesque! Mayer.

Smy2050 Smyrnium perfoliatum. BIENNIAL ALEXANDERS. Bien. PtSun/PtShade. 3–4’. Spring.


1017—Acid yellow, showy blooms on early flowering, short-lived biennial/perennial. Whitesell.

Sol1450 Solidago bicolor. SILVERROD. Per. Sun/PtShade. 1–3’. Summer–Fall.


Sol1500 Solidago caesia. WREATH GOLDENROD. Per. PtShade/Shade. 2’. Fall.

199—Yellow flowers. Tolerant of dry shade. A good nonspreading goldenrod for shade that looks great in fall with woodland asters. Cresson.

2294—Yellow blooms. Squitiere.

Sol1600 Solidago elliottii. Per. Sun/PtSun. 3’. Late Summer.

199—Yellow flowers. This coastal salt tolerant species holds promise as a garden plant. Clump forming. September bloom. From Polly Hill Arboretum. Cresson.


817—Clump-forming, non-spreading goldenrod. Nemoralis means “of woods,” so I guess it’s shade tolerant—but these were grown in full sun and were perfectly happy. In bloom it is a very typical goldenrod. Ruhen.

Sol4300 Solidago tenuifolia. Per. Sun/PtShade. 6 x 2’. Summer–Fall.


45—Light indigo blue/white, pealike blooms in spring. Dark green pinnate foliage, shrub is 8 x 10’. Not well known. A bit of good blue in the spring. Germ: Scfy; 6 mo. A hard seed coat: pour water over seed and let that sit overnight (water will cool). Sow immediately. Sow under grit, maybe ¼–½”. Bartlett.

199—Lavender-blue flowers. This central Chinese shrub tolerates heat, drought and humidity, perfect for the “new climate”: Clusters of pea-like flowers in May. Finely textured compound foliage all summer. Prune occasionally to keep dense. Cresson.

269—White with pale blue blooms. Native to southwestern China, this is a spiny shrub that can reach 6–8’ high and wide, although with pruning it can be kept smaller. Plants feature pinnate 4”-long, blue-green leaves and 6”-long clusters of small pealike flowers in late spring. They add attractive, lacy texture to shrub borders. Full sun, but tolerates part shade. Rich, well-drained soil. Established plants tolerate heat and drought. Germ: Scfy, Soak, W, BC. Scarify seeds then soak overnight before sowing. Plants should germinate in a couple of weeks. Ellis.

Sor600 Sorghastrum nutans. INDIAN GRASS. PerGrass. Sun.

2429—Tall warm season prairie grass. Germ: CMS, NST. Bricker.

Sor9000 Sorghum bicolor var. technicum. SORGHUM. An. Sun. 78 x 24”. Summer–Fall.


Spi1250 Spigelia marilandica. INDIAN PINK. Per. Shade/PtShade. 1–2 x 1–2’. Spring–Summer. Zone 5–9.


***** Spilanthes species. See: Acmella species.

Sip0700 Spiranthus cernua. COMMON LADIES’ TRESSES. Per. PtShade. 9–24 x 9–12”. Fall.

1277—White flowers on a perennial bog plant. Very late blooming. Heavenly fragrance. Needs acid, low nutrient, moist conditions. I sprinkled seeds in my container bog garden and have about a hundred of them growing. Haas.


2429—Bricker.
Stachys albotomentosa – Tagetes patula

Sta2010  Stachys albotomentosa.  HILDAGO, 7-UP PLANT.  TenPer. Sun. 1½ x 3'. Summer–Fall.
199-Salmon flowers. Woolly gray foliage. Not quite hardy, but worth the extra trouble. Easy from cuttings or division. Great summer pot plant or add to mixed border.

Sta3200  Stachys minima.  DWARF BETONY.  Per.  Sun/ PtShade. 6–12 x 15–18". Spring–Summer.
522-Pink to purple flowers. Lovely addition to the rock garden or front of border. June–July bloomer. Kushner.

Sta3300  Stachys officinalis.  BETONY.  Per. Sun/PtShade.
12–18 x 12–18"; to 2' in bloom. Summer.
2937-A clump-forming perennial which sends up spikes of purplish-pink flowers in early summer. Always neat looking even when not in bloom. Bittmann.


Sta8750  Staphylea trifolia.  AMERICAN BLADDERNUT. Shrub. Sun/PtShade. 10–15 x 6–8'. Summer.

2294-White blooms on nicely shaped pyramidal small tree with great bark and a lovely natural form. Blooms in summer, slow to moderate growth. Siquitiere.

1865-White flowers with ornamental bark. Germ: Cycle: 3–5 mo WMS, 3 mo CMS. Bennett.

Sto2000  Stokesia laevis.  STOKES ASTER.  Per. Sun/PtShade. 6 x 8"; to 12–18” in bloom. Summer.
208A–1" purple blooms atop erect, 2' leafy stems, basal 6" narrow leaves, summer sun. Germ: NST. Dahlke.
208B–1" white blooms atop erect, 2' leafy stems, basal 6" narrow leaves, summer sun. Germ: NST. Dahlke.
1580–Romenesko.

Sto2300  Stokesia laevis ‘Klaus Jelitto’.  STOKES ASTER. Per. Sun/PtShade. 6 x 8"; 18–20" in bloom. Summer.
199-I've grown this perennial for many years where is gets a half day of sun at best and it has been a reliable bloomer with mid-blue flowers. Cresson.

Sty0500  Stylolophorum diphyllum.  CELANDINE POPPY. Per. PtShade/Shade. 1–1½ x ½–1'. Spring.
199-This is a superior form. Flowers and foliage have heavier substance and deeper color. Cresson.

Sty4800  Styrax americanus.  AMERICAN SNOWBELL. Shrub. Sun/PtShade. 10 x 10'. Spring.
45-White flowers in spring. This Soutseast Coast native is a pleasant small tree or large shrub. Try growing it! Germ: Cycle; OW; 2 yr. Be patient. Bartlett.

Sty4800  Styrax americanus.  (Continued.)


2429-A woodland aster with bright purple flowers. Bricker.

208–Large, 12" decumbent leaves with yellow, rosette flowers tall above leaves. Striking. Germ: 15 d; NST. Dahlke.

Syn1250  Synelilesis aconitifolia.  SHREDDED UMBRELLA PLANT. Per. PtShade/Shade. 15"; to 2½' in bloom.
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, substantial, and does not yield to pressure.) Boylan.

Syn1500  Synelilesis palmata.  Per. PtShade/Shade. 15". Summer.

Tag1000  Tagetes erecta ‘Cinnabar’.  MARIGOLD. An. Sun. 3 x 2'. Summer.

Tag2000  Tagetes patula.  HARLEQUIN AND VILLANDRY MARIGOLDS. TenPer. Sun. 6–12 x 3–6". Summer–Fall.
5033-Yellow, some red orange (separated). Germ: NST. Weidner.
Talinum calycinum – Tilia cordata

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

- **2294:** Tiny magenta pink blooms. Seeds in politely. *Squiterie.*

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

- **1607:** *Jellinek.*
- **2294:** Pink blossoms on wiry spikes, then red seed heads, with chartreuse foliage. Annual, sun to part shade, 8–10" in bloom, front of the border plant, charming, self-sows. *Squiterie.*
- **2429:** *Bricker.*


- **1999:** White blooms. *Norfolk Botanical.*

**Tan2250** *Tanacetum parthenium* ‘Aureum’. GOLDEN FEVERFEW. Per. Sun. 2 x 1'. Summer.

- **1607:** White blooms with yellow center. Twelve inch mounds of ferny, aromatic, chartreuse-yellow foliage are topped with single white daisies in midsummer. *Jellinek.*

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

- **1277:** Deciduous conifer to 120'; 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. *Haas.*
- **3001:** Deciduous conifer to 70'. Grows fastest in warmer climate, though hardy zones 5–9. Aquatic in southern states, can be grown as single specimen and drier soil in the North. Germ: CMS: 90 d, R. *Gregg.*


- **2294:** White corymb blooms. 25–30' small tree, small white flowers in 4–6" broad corymb in June. Fruit is a capsule, red to black. Very interesting tree. *Squiterie.*

**Tha0500** *Thalia dealbata.* Per. Sun. 6–10'.

- **3333:** Purple flowers. *Whipple.*

**Tha1500** *Thalictrum aquilegifolium.* MEADOW RUE. Per. PtShade. 3 x 1½'. Late Spring/Early Summer.

- **1277:** Yellow-striped bloom with white stamens. *Haas.*


- **592:** Lavender blooms. Lovely. I do support in bloom which, like *T. rochebrunianum*, keeps coming to summer’s end. Needs support. *Malocsay.*

**Tha1700** *Thalictrum dasycarpum.* MEADOW RUE. Per. Sun/ PtShade. 3–5' x 3–4'. Early Summer. Zone 4–7.


**Tha2550** *Thalictrum lucidum.* Per. Sun/PtShade. 3½ x 1½'; to 7' in bloom. Summer.

- **1277:** Pale yellow flowers, elegant foliage. Tall. *Haas.*

**Tha33450** *Thalictrum polygonatum.* MEADOW RUE. Per. Sun/ PtShade/Shade. 5–6 x 2'. Summer.

- **199:** White flowers. Our native meadow rue ideal for naturalizing in a moist meadow. Will also take the dry woodland garden. *Cresson.*

**Tha3470** *Thalictrum pubescens.* KING OF THE MEADOW. Per. Shade/PtShade. 3–7 x 2–3'.


**Tha3650** *Thalictrum rochebrunianum.* LAVENDER MIST, MEADOW RUE. Per. Sun/PtShade. 1–2 x 2'; from 3–7' in bloom. Summer.

- **1017:** Purple flowers on wonderful, tall (6–7'), August–blooming perennial. *Whitesell.*

**1320:** *Solow.*

**Tha4250** *Thalictrum uchiyamae.* MEADOW RUE. Per. Sun/ PtShade. Summer.


**The2050** *Thermopsis villosa* (syn. *T. caroliniana*). SOUTHERN LUPINE, CAROLINA LUPINE. Per. Sun/PtShade. 4–7 x 2–4'. Late Spring–Summer.

- **215:** Yellow flowers. *DeMarco.*
- **1017:** Yellow flowers in late May. Nice foliage. Plants are tall statuesque, strongly vertical and stand up well in flower without staking. Very sturdy ornamental. Relatively drought tolerant. *Whitesell.*
- **2294:** Yellow pealike blooms. Nick seed. Perennial, early summer bloom. *Squiterie.*
- **2429:** *Bricker.*

**2621:** Yellow flowers. Nice springtime ‘bush’. 3 x 4'}, full sun, dry to medium soil. Tap rooted. Germ: C, NST. *Nachlas.*


- **199:** Soft yellow blooms. This soft yellow strain is easy to combine with most summer colors. Grow on a tripod or tuteur. *Cresson.*

**Tia2550** *Tiere1a wherryi* ‘Silverado’. FOAMFLOWER. Per. PtShade. 8 x 15"; to 12" in bloom. Spring.

- **1277:** White blooms with pink overtones. This is a non-stoloniferous tiarella, increasing slowly in clumps. Moisture retentive, highly organic soil, no wet feet. 6–12'. Germ: CMS 90 d, R. *Haas.*

**Til1010** *Tilia cordata* ‘Greenspire’. LITTLELEAF LINDEN. Tree. Sun/PtShade. 50–70 x 35–50'. Summer. Zone 3a–7a.

- **522:** Pale yellow, June-blooming, fragrant drooping cymes—a bee magnet when in full bloom. Mature height 50–70 x 35–50'. *Kushner.*

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**Tit0050**  *Tithonia rotundifolia*. MEXICAN SUNFLOWER. An. Sun. 4–6 x 1'. Summer–Fall.

- 592-Rich orange blooms. RHS “coarse”, not a good mixer. SIS after frost gives later, fresher, lesser giants whose leaning towers are very attractive to migrating monarchs. Transplants. Picks beautifully, but do condition. Germ: SIS, NST. Malocsay.
- 797-Bright orange flowers. A very tall, showy annual. Robinson.

**Tit2260**  *Tithonia rotundifolia* ‘Torch’. MEXICAN SUNFLOWER. An. Sun. 4–6 x 1'. Summer–Fall.


- 199-Subtropical evergreen twining vine with fragrant white flowers in spring/early summer. This form has smaller leaves, can re-bloom in summer, and may even be hardy but is yet untested. Cresson.

**Tra9100**  *Tragopogon species*. WESTERN SALSIFY, GOAT’S BEARD WEEP. WILD OYSTERPLANT. An./Bien. Sun. 1–2 x 2–3'. Summer.


**Tri1300**  *Tricyrtis dilatata*. TOAD LILY. Per. PtShade. 3 x 2'. Summer–Fall.

- 199-White, spotted purple flower. Although botanists no longer consider this as separate from *T. macropoda*, it is horticulturally distinct in leaf shape and blooms a month earlier in August. Cresson.

**Tri2000**  *Tricyrtis formosana* ‘Sinonome’. TOAD LILY. Per. PtShade/Shade. 40". Fall

- 318-Flowers white with maroon spots. Branched, arched stems. October blooms that are more at terminals and more spreading, upright than *T. hirta*. Garnett.

**Tri3000**  *Tricyrtis hirta*. TOAD LILY. Per. PtShade/Shade. 1½ x 1½'. Fall. Zone 4–8.

- 1277-White with purple-spotted flowers. Late blooming, 2'. Haas.
- 2294-Purple and white blooms on 2½' toad lily in late summer. Shady moist conditions. Squitiere.

**Tri3100**  *Tricyrtis hirta* ‘Miyazaki’. TOAD LILY. Per. PtShade/Shade. 4 x 2'. Late Summer–Fall.

- 318-Pale lilac flowers with purple spots. Such a lovely sight—small orchid-like blooms along the arching stems in September. Forms nice clumps and self-sows. Germ: CMS; Sow in cold frame in fall or early spring. Takes 6 mo to reach transplanting size. Garnett.

**Tri3200**  *Tricyrtis hirta* ‘White Towers’. TOAD LILY. Per. 24–30". Late Summer.

- 1277-White flowers. Perennial. Late-blooming shade plant, 2'. Haas.

**Tri3950**  *Tricyrtis latifolia*. TOAD LILY. Per. PtShade. 3 x 1'. Early Summer.

- 199-Flowers greenish yellow outside with yellow spotted brown inside. Cresson.

**Tri4010**  *Tricyrtis macropoda*. TOAD LILY. Per. PtShade/ Shade. 3 x 3'. Summer–Fall.


**Tri5010**  *Tridens flavus*. PURPLETOP. Grass. Sun. 4–5'. Summer–Fall.

- 3006-Purple top 3–5', sun or light shade. Tiny breezes sway this subtle and graceful wispy grass. Purple panicles fade to beige in late fall. Perennial native. Indigenous seed collected from 21013 zipcode. Mayer.

**Tri8010**  *Triteleia laxa* 'Queen Fabiola' (syn. *Brodiaea laxa*). TRIPLET LILY, UTHURIEL’S SPEAR. Per. Sun. 1–2½'. Spring.


**Tri1400**  *Trollius laxus*. AMERICAN GLOBEFLOWER. Per. Sun/PtShade. 18–24". Late Spring/Early Summer.

- 2515-Dainty yellow flowers floating above the foliage. Likes a moister soil. Germ: NST. Doblimaier.

**Twe1050**  *Tweedea caerulea*. TenPer./An. Sun. Summer.


**Uvu0130**  *Uvularia grandiflora*. BELLWORT. Per. PtShade. 18". Spring.


- 1277-Fragrant, pinkish white, midsummer blooms on 3'-tall perennial. Germ: NST. Haas.

**Vel4250**  *Veltheimia bracteata*. TenBulb. Sun. 1½'. Spring.


**Ver0300**  *Veratrum viride*. INDIAN POKE, FALSE HELLEBORE. Per. PtShade. 2–6'.

926-Pale yellow, mauve eye. Some seed may be *V. chaixii* ‘Album’. Streeter.

1580-White or yellow flowers on 3' tall spikes from May to June with late flowers if deadheaded. Prefers full sun and well-drained soil. If happy it will seed around. Deadhead after flowering if this is undesirable. Germ: W, BC. Romenesko.

Ver3100  *Verbena bonariensis*. PURPLE VERBENA, BRAZILIAN VERBENA. TenPer. Sun/PtShade. 4 x ½'. Summer–Fall.
318-Garnett.
2294-Purple blooms. Tall annual, seeds around, low foliage with flower spikes 4' tall. Wonderful butterfly plant. *Squitiere*.
2937-Bittmann.

Ver3500  *Verbena stricta*. Per. Sun. 3 x 2'. Summer–Fall.
1999-Norfolk Botanical.

Ver3700  *Verbena urticifolia*. WHITE VERVAIN. Per./Btens., PtSun, 3–5'.
3006-Good at woodland edge. Unpredictable growth habit, but when the delicate bloomstalks fan out, they look like fireworks preserved in action and are charming in bloom and thru late fall. Indigenous seed collected from 21013 zipcode. *Mayer*.

Ver4800  *Verbesina virginica*. FROSTWEED, WHITE CROWNBEARD. Bien./Per. Sun. 5–7' in bloom. Fall.
2403-Native. *Zeller*.


Ver5480  *Vernonia fasciculata*. IRONWEED. Per. Sun/PtShade. 3–6 x 2–3'. Midsummer.
1999-Reddish purple flowers. Shorter, more compact, and earlier blooming (July) than other ironweeds. *Cresson*.

Ver5850  *Vernonia glauca*. UPLAND NEW YORK IRONWEED. Per. 5 x 3'. Fall.
199-Blue purple flowers. At 4–5' this is more garden sized and also blooms a little earlier, in late summer, than many other species. *Cresson*.

Ver5920  *Vernonia lettermannii*. NARROWLEAF IRONWEED. Per. Sun. 2–4 x 2–3'. Fall. Zone 4a–9b.
1999-Norfolk Botanical.

Ver6050  *Vernonia noveboracensis*. IRONWEED. Per. Sun/PtShade. 4–7 x 2–3'. Summer–Fall. Zone 5–8.
199-Violet flowers. Locally native species for large border. *Cresson*.
543-Purple/pink blossoms, native, 6'. Late summer, fall-blooming. Will tolerate wet feet. Germ: NST. *Leasure*.

Ver8500  *Veronicastrum virginicum*. CULVER’S ROOT. Per. Sun/PtShade. 6 x ½'. Summer/Fall.
9985-White flowers. Germ: W. D. *Jenkins Arboretum*.

199-White blooms. Vertical stems with whorls of horizontal foliage create a unique effect beneath the white flower spikes in midsummer. *Cresson*.

Vib1650  *Viburnum dilatatum* ‘Michael Dodge’. LINDEN VIBURNUM. Shrub. Sun/PtShade. 8–10 x 8–10'. Late Spring/Early Summer.
522-Lovely linden viburnum clusters of showy golden yellow berries. *Kushner*.

199-White flowers. Rarely seen species similar to *V. dilatatum*. Bright red fruit in October–December. Yellow-orange fall color. Large arching shrub. One of Dr. Styer’s favorite viburnums. *Cresson*.

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


Vib2900  *Viburnum trilobum*. AMERICAN CRANBERRY-BUSH VIBURNUM. Shrub. 10 x 10'.
1277-White blooms. Forms a rounded, multi-stem shrub. Lacecap. Red fruits can be used for making jams and jellies. Germ: Seed needs WMS 4 mo, CMS 3 mo. *Haas*.

Vit1640  *Vitex agnus-castus*. AMERICAN CRANBERRY-BUSH VIBURNUM. Shrub. Sun/PtSun. 12 x 12'. Summer.

Vit1850  *Vitex negundo* var. *heterophylla*. Shrub. Sun. 10 x 10'. Summer/Fall.
45-Purple-blue blooms in July–August. Smaller, hardier, easier to use, and more delicate than *V. agnus-castus*—so better in a small, full sun garden. Interesting leaves. Takes heat and drought well. Not used enough. Germ: NST. Do not overwater seedlings, they like to be a bit on the dry side. *Bartlett*.

Xan1050  *Zanthoxylum simulans*. FLATSPINE PRICKLY ASH. Shrub/Tree. 10–20 x 8–10'. Summer. Zone 6.


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<tr>
<td>Zep2870</td>
<td>Zephyranthes ‘Krackatau’. KRAKATAU RAIN LILY. Bulb. Sun/PtShade. 6–12 x 6–9&quot;. Zone 7b–10b. 522-Floriferous, bright reddish-orange blooms fade on second day to peachy color. 10&quot; tall spikes with 2&quot; up flowers. Another superb Fadjar Marta introduction. Source: Plant Delights. Kushner.</td>
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**Zinnia zahara – Zizia aurea**

**Zin2600  Zinnia zahara.** ZINNIA. An. Sun. 12–18 x 12–18". Summer.


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


2294-Yellow, early spring blooms. Native perennial, can be short lived but will re-seed. Squitiere.
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 alphanumerical order. List the Donor Code only if you want seed provided by a specific donor. If the supply of that donor's seed is gone, we will send seed of the same plant but from an alternate donor, if available. If all that particular seed is gone, we will provide an alternate from your Alternate Choices List. Seed packets will indicate the Plant Code, Donor Code and Name. Retain the Catalog for additional information about your seed.

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

Please submit your order online at www.hardyplant.org (it is now very easy to use) and mail in a check. If you prefer, you can still fill in this form manually and mail it with your payment. All checks should be made payable to HPS/MAG, and sent to Mary Ann Thomas, 8600 Elliston Drive, Wyndmoor, PA, 19038. Payment required is $20.00 if posted online or postmarked by the deadline, January 17, and $25.00 if after.

Submit your order as early as possible to enhance the likelihood of receiving all your first choices. Orders received after the deadline will be filled as the supply of seed permits. Orders placed after January 17 must include a payment for $25.00 to cover a late order surcharge of $5.00. Late orders submitted without the surcharge will be returned. Orders posted or postmarked after January 27 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 $20.00 fee and only one is entitled to the donor/volunteer bonus, if applicable.

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

First Choices List: Identify in alphanumerical order. Please print neatly!

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Donor/Volunteer Bonus Seeds: Continue listing in alphanumerical order only if you are a donor or a volunteer

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Alternate Choices List: Identify in order of preference.
SEED EXCHANGE CATALOG

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

FIRST CLASS