

Renovation Time: Improving the Older Garden or Landscape

Landscaping is a life-long journey. Over time it should blend the best of old and new.

I. It takes discipline!

A. Recognize the realities.

1. Many spaces already taken by something we (think we) can't give up.
2. Yet we sure want to try new things!
3. The places we most want to improve are usually:
 - High-visibility.
 - Have at least partial day shade.
 - May be surrounded, have reduced air flow.

B. Make a game plan.

1. Assess the health and potential of "keeper" plants.
2. Make some free space.
3. Check and restore or improve growing conditions for that space.
4. Design the space to blend new and old.

II. Assess the health and potential of "keeper" plants.

A. Species.

B. Health.

C. Location (location, location).

III. Make some free space -- yes, it can be a tricky business! -- that's good for growing.

A. Trees grow, shade and fill areas with roots.

1. Tree's a keeper? Best to remove plants not suited to new conditions.
2. Loosen soil with fork.
 - Makes transition layer, prevents water trouble when add compost (#3).
 - Be considerate of the tree: roots concentrated in the upper 18 inches.
 - Avoid cutting roots, for the *new* plants' sake: Roots branch from the cuts.
3. Add 3" layer of compost.
 - Don't pack it down or stack it against trunk.
 - Time and soil animals play their part here.
4. Plant more of what will thrive there.
 - Plant smaller plants and divisions, working around tree roots.
5. Pruning trees *and* shrubs is a critical skill for an older garden's gardener.
 - Don't be afraid to cut or trade-in.
 - Let in light, improve visible structure.
 - Done once for the year is best - March and August are magic months.

B. Aggressive, running-root perennial (weed) may have colonized the area.

1. Sift soil.
2. Place root barrier and/or eliminate source.
3. Take existing perennials down to washed, bare root.
4. Consider fallow bed for one season.

C. Soil often must be improved.

1. Next to building or a substantial item, may suffer from drought conditions:
 - Wall or tree trunk/shrub blocks and absorbs water. No- or low micro-organism activity / fertility.
 - Embrace the space! Or:
 - Replace top 9" with high-organic soil mix and loosen lower 9".
 - Plant at least 12" away, spread roots outward, train top toward wall.
 - Use a soaker hose.
2. Soil in long-term bare spots may be poorly- or excessively drained.
 - Improve drainage to 18".
3. Soil along walkways may suffer from pavement run-off.
 - Too much water, erosion, chemicals, cement particles.
 - Raise the bed or trough the edge.
4. Soil may be compacted: foot traffic, even a little over the years.
 - Loosen to 18", make edges wide but canted in to walkway.

D. Perhaps you'll have to move plants, temporarily or for good.

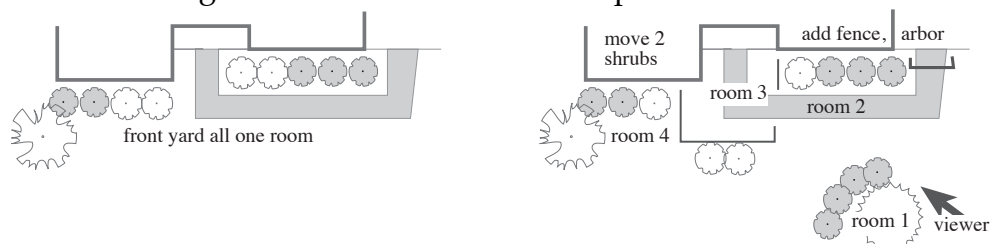
1. Be realistic about a holding area and holding interval:
 - Cool space with good drainage, ample water, decent sun.
 - If no room or time to hold it, compost it and buy new later!
2. Transplanting large shrubs, trees. You can do amazing things by root pruning in advance.
 - Trench 1/3 way around plant, defining root ball you can manage.
 - Backfill with loose soil; keep well watered.
 - Next two fall/spring seasons, cut remaining roots (by thirds)
 - Move it when you cut final third of roots.
 - Best time: spring before leaf-out and fall before leaf-drop best.
 - Make a commitment to after-care.
One year for every inch of trunk.

IV. Design to blend new and old

A. One space bared among mature plants is unfair to plants and viewer.

1. Select a viewer and balance that viewer's entire scene.
 - Look for repetition of features/plants in adjacent areas.
2. Creative planting:
 - Creating instantly-full look in select portions of the new bed.
 - Annuals can hold the space of perennials growing-on elsewhere.
 - Unity via one groundcover in new and old areas.
 - Put your money in your focal point plants/features.
 - Close-planting of small divisions
 - Cut back hard on existing adjacent plants at same time you plant new.

B. Sometimes space needs dividing. One "room" can then be improved at a time.



C. Keep a critical eye for unity between elements -- repetition & line help.

D. The ideal combination of plants for the second (or third) time 'round':

1. Provides plenty of variety and complementary vignettes.
2. Has few stars, more secondary players -- focal points and frames.
3. Pick for species that love existing "old garden" conditions. (See lists.)
 - Half-shade and shade lovers tolerant of heat and drought.
 - Sun lovers tolerant of heat and drought.
 - Shade lovers for damp soil (rodgersia, astilbe).
 - No plant grows in dense shade, without air or water!
4. Don't invite any that run out-of-control or will overgrow their spaces.
 - If you use spreaders, pick those that are easily-controlled.
 - Hold out for the best species, shop for that particular variety.
4. Choose for long bloom and good looks when not in bloom.
5. Select for neat shape, no leaning or sprawling.
6. Enlist a nursery or landscape person to search for large plants.

V. Follow-up care to make it work

A. Water and observation

1. Watering is a process:
 - Understand source and flow,
 - Gauge soil moisture,
 - Then apply *or restrict* water.
2. Observe for what can go wrong. Sometimes pest populations supported by large plants removed can overwhelm new plants.

B. Above all -- patience! "Filling in" only makes it harder for new plants.

Small Trees for Older Gardens

Plant name	height x width	color interest / season:	notes: (S-sun, HS-half sun, sh-shade)
<i>Acer ginnala</i> (Amur maple)	15-18' x15-18'	seed pods pink / Jul-Aug; fall orange-red; multi-stem	S, HS; dry OK
<i>Acer griseum</i> (paperbark maple)	20-30' x10-30'	cinnamon peeling bark; fall leaf color good;	S, HS; very slow; often no viable seed
<i>Acer palmatum</i> (Japanese maple) smallest	6-25' x10-35'	red leaf some varieties; bark attractive; spring / fall leaf	HS, sh; dissectum (fernleaf) varieties no extreme heat, no dry, no wind
<i>Amelanchier</i> spp. (serviceberry) bark;	15-25' x15-25'	white flower / April; pinkish leaf / May; orange color / fall	HS, S, sh; some like fragrance; nice grey
<i>Caragana arborescens</i> Pendula (Siberian pea, weeping form)	12-15' x8-12'	yellow flowers / May; bright green summer leaf	S, HS; wind OK; dry OK; salt OK
<i>Cercis canadensis</i> (redbud)	20-30' x20-30'	violet flower / May; gold / fall black bark with orange	HS, S; try 'Forest Pansy' in sheltered place - purple leaf, pendulous
<i>Chamaecyparis obtusa</i> (Hinoki falsecypress)	50' x10'	irregular pyramidal evergreen	S, HS; moist OK
<i>Chionanthus virginicus</i> or <i>C. retusus</i> (fringetree)	12-20' x12-20'	white fragrant flower / June; nice berry ; bark of <i>C. retusus</i>	S; moist OK
<i>Cornus florida</i> # (flowering dogwood)	15-20' x15-20'	white flower bract / May; maroon / fall; berries	HS, sh, S; no heat; no dry; variegated types smaller - Cherokee Daybreak, Chero. Sunset
<i>Cornus kousa</i> # (Chinese dogwood)	20-30' x20-30'	white flower bracts / June; berry; maroon / fall; bark color	S, HS; varieties 'Dwarf Pink' and 'Milky Way' smaller
<i>Cornus mas</i> # (Cornelian cherry)	20' x20'	yellow flower / April; berries;	HS, S;
<i>Cotinus coggygria</i> 'Purpureus' (purple leaf smoke tree)	10-15' x10-15'	purple leaf; pinkish bloom / June	S, HS; dry , wind OK; can be cut back every year
<i>Crataegus phaenopyrum</i> # (Washington hawthorn)	25' x25'	white flower / May-June; berries into winter; orange / fall	S; dry, wind OK
<i>Euonymus europaea</i> (European spindle tree)	12-30' x10-25'	pink fruits / Sept.; good form	S, HS, sh
<i>Fagus syl. purpurea nana</i> (dwarf purple leaf beech)	10' x10'	purple leaf; grey bark	S, HS, sh; very slow
<i>Fagus sylvatica tortuosa</i> (pygmy weeping beech)	10-15' x10-15'	grey bark; contorted form	S, HS, sh; very slow
<i>Halesia diptera</i> (silverbell)	20-30' x20-30'	white flower / May	S, HS, sh; no dry
<i>Ilex opaca</i> # (tree holly)	15-20' x5-8'	red berry / winter; lustrous evergreen	HS, S, sh; no wind; need male for female to bear fruit: Jersey Knight for Jersey Princess
<i>Laburnum x watereri</i> (Waterer golden chain)	12-15' x9-12'	pendulous yellow flower / May	HS; alkaline OK
<i>Magnolia stellata</i> # (star magnolia)	15-20' x10-15'	white fragrant flwer / May; grey bark	HS, S, sh
<i>Magnolia virginiana</i> # (sweet bay magnolia)	10-20' x10-20'	white fragrant flwer / May; repeats bloom; grey bark	HS, S, sh

- good for espalier or other flat training

Small Trees for Older Gardens (Cont'd.)

Plant name	<u>height</u> x width	color interest / season:	notes: (S-sun, HS-half sun, sh-shade)
Malus varieties#(crabapple) miniatures such as: Adirondack Autumn Glory Garnet Red Snow Sargent	10x6' 12'x10' 8' x 8' 10'x 0' 6' x 10'	red buds white flower / May; disease resistant red buds white flower / May; small persistent fruit; disease resistant red buds white flower / May; persistent fruit; disease resistant cream-pink flower / May; persistent fruit; gold / fall; disease resistant white fragrant flower / May; persistent small fruit; oriental shape	S, HS; heat, wind OK
Oxydendrum arboreum (sourwood)	25-30' x20'	white flower / July; seed pods / Aug-Sept; red / fall	S, HS; dry OK
Parrotia persica (Parrotia tree)	20-40' x15-30'	white-red flower and purple leaf / spring; orange / fall; nice bark	S, HS; alkaline OK
Pinus aristata (bristlecone pine)	8-?'' x8-?'	irregular shape; dark green	S; no wet; dry OK; heat OK protect from winter wind
Prunus cerasifera Newport (Newport purple plum)	15-20' x15-20'	white-pink flower / May; purple leaf	S
Prunus subhirtella pendula (weeping cherry)	25' x25'	pink flower / May; weeping form; lustrous red brown bark	S
Pyrus varieties# (pear, including Bradford)	20-40' x15-30'	white flower / May; varying leaf color / fall	S, HS
Sorbus aucup. Red Cascade (mountain ash)	6' x8'	white flower / June; orange fruit / fall	S, HS
Stewartia pseudo-camellia (Japanese stewartia)	30' x25-30'	white flower / July; maroon leaf color / fall; nice bark	HS, S, sh; needs wind-protected 5B site; worth it!
Stewartia sinensis (Chinese stewartia)	15-20' x15-20'	white flower / July; varying leaf color / fall; nice bark	HS, S, sh;
Styrax japonicus (Japanese snowbell)	10-30' x20-50'	white flower / June	HS, S, sh;
Syringa reticulata (Japanese tree lilac)	20-30' x15-25'	white flower / late June; glossy bark	S
Tsuga canadensis Sargentii (weeping hemlock)	10-15' x20-30'	graceful shape	HS, S, sh; no wind

- good for espalier or other flat training

Small or Easily-controlled Shrubs for Older Gardens

Plant name	<u>height</u> x width	color interest / season:	notes: (S-sun, HS-half sun, sh-shade)
Abies balsamea dwarf types (dwarf balsam fir)	1-3' x1-3'	soft needles; some fragrance; slow growth	S, HS
Berberis thunbergii forms (dwarf barberry Crimson Pygmy)	18-24'' x30-36''	red leaf; dense form leaf	S, HS; dry OK; heat OK; salt OK
(dwarf barberry Aurea or Bonanza Gold)	36-48'' x36-48''	gold leaf; dense form	S, HS; dry OK; heat OK; salt OK
Betula nana (dwarf birch)	2-4' x2-4'	neat mounded form; attractive leaf (poor, cold man's Japanese laceleaf!)	S, HS; no dry
Buxus microph. Koreana (dwarf Korean littleleaf boxwood)	2-3' x2-3'	neat mounded form; evergreen; no brown out in winter	S, HS, sh; no dry; no wind

- good for espalier or other flat training

@ - train as small tree

Small or Easily-controlled Shrubs for Older Gardens (Cont'd.)

Plant name	height x width	color interest / season:	notes: (S-sun, HS-half sun, sh-shade)
<i>Callicarpa japonica</i> (Japanese beautyberry)	4' x4'	lavender berries gold leaf / fall can be cut to ground each spring	S, HS
<i>Caryopteris x clandonensis</i> (Bluebeard; blue mist spirea)	3-4' x3-4'	blue fragrant flower / August; fragrant grey leaf; dieback in Zone 5	S, HS can be cut to ground each spring
<i>Chaenomeles x superba</i> # (hybrid of Japanese dwarf quince)	3-4' x4-6'	red-orange or red flower / May	S, HS; dry OK
<i>Chamaecyparis obtu. dwarfs</i> (dwarf Hinoki falsecypress)	2-8' x4-10'	irregular shapes; variegated foliage; slow growth	S, HS; sh
<i>Clethra alnifolia</i> @ (Summersweet)	3-8' x4-6'	white or pink-white fragrant flower / July	HS, S, sh; wet OK; salt OK
<i>Cornus alba elegantissima</i> (variegated redbud dogwood)	5-6' x5-6'	white edge leaf; red stems / winter; cut to ground each spring	S, HS; wet OK or consider pruning as small tree
<i>Euonymus alatus</i> @ (burning bush)	10-12' x10-12'	red leaf / fall; crisp lines and corky bark / winter	S, HS ; consider pruning as tree
<i>Euonymus fortunei</i> variegated shrub forms: Emerald & Gold Emerald Gaiety	2-3'x4' 3-4'x5"	gold edged leaf; evergreen white-edged leaf; evergreen	HS, S, sh; excellent vine for walls
<i>Fothergilla gardenii</i> (dwarf fothergilla)	3-5' x3-5'	white fragrant flower / April; copper leaf / fall	HS, S
<i>Hamamelis x intermedia</i> @ (hybrids of Chinese witchhazel)	10-15' x15-20'	yellow or red-orange fragrant flower / March; gold or orange leaf / fall; try Jelena, Diana, Arnold's Promise	HS, S; consider pruning as tree
<i>Hibiscus syriacus</i> @# (rose of Sharon)	8-12' x6-10'	white, pink or lavender flwr. flower / August; can be cut to ground each spring or pruned as small tree	S, HS
<i>Hydrangea paniculata</i> @ (panicle hydrangea, incl. peegee)	8-15' x6-12'	white to pink-flower / Jul-Aug can be cut to ground each spring	HS, S, sh; wind protection or consider pruning as tree
<i>Hydrangea quercifolia</i> (oakleaf hydrangea)	4-6' x6'	white to pink-flower / June; maroon leaf / fall; can be cut to ground each spring	HS, S, sh; no dry
<i>Ilex x meserveae</i> females ("Blue" series holly Blue Prince, etc.) ("China" series holly China Girl, etc.)	3-8' x5-10' 3-8' x5-10'	red berry / winter; evergreen; flower / July	HS, S; no wind; need male for fruit on male forms more upright, females rounded
<i>Juniperus squam. Blue Star</i> (Blue Star juniper)	3 x 3'	silver blue foliage; dense; slow	S; dry OK; heat OK
<i>Kolkwitzia amabilis</i> @ (beautybush)	6-10' x5-9'	pink fragrant flower / June	S, HS; fast; useful if pruned as small tree
<i>Mahonia aqu. compactum</i> (dwarf Oregon grapeholly)	3-5' x5-8'	yellow flower / May; blue berry / Aug-Sep; maroon / winter	HS, sh, S; no wind if in sun; dry OK
<i>Paeonia suffruticosa</i> (tree peony)	3-6' x3-6'	white, pink, red, or yellow flower / May; nice form	HS, sh, S
<i>Picea abies, dwarf types</i> (dwarf Norway spruce) <i>Picea abies nidiformis</i> (birdsnest spruce)	2-4' x4-5'	neat mound with concave top	S, HS; heat OK
<i>Picea glauca Conica</i> (dwarf Alberta spruce)	6-10' x4-6'	dense squat pyramid; soft	S, HS; heat OK

- good for espalier or other flat training

@ - train as small tree

Small or Easily-controlled Shrubs for Older Gardens (Cont'd.)

Plant name	<u>height</u> x width	color interest / season:	notes: (S-sun, HS-half sun, sh-shade)
Picea pungens, dwarf types (dwarf blue spruce)			S, HS; heat OK
Picea pungens glauca procumbens (dwarf spreading blue spruce)	1-4' x ?	silver blue foliage; coarse texture	
Picea pungens glauca globosa (dwarf globe blue spruce)	3 x 5'	silver blue; neat broad mound also available grafted to standard	
Pinus mugo dwarf types			S, HS; salt OK, heat OK
Pinus m. pumilio (dwarf mugo pine)	18" x 10'	flattened mound; candles interesting / June	
Pinus m. Gnom (Gnow mugo pine)	18" x 3-4'	very slow	
Pinus parviflora dwarfs			S; salt OK
Adcock's Dwarf or Bergman (Japanese white pine varieties)	18" x 3-4'	soft long needles; mounded	
Potentilla fruticosa (shrubby potentilla, cinquefoil)	2-5' x 3-6'	yellow flower / Jun-Sep; can be cut to ground each spring	S, HS; dry OK; heat OK
Prunus x cistena@ (purple leaf sand cherry)	5-7' x 4-6'	white-pink flower / May; purple leaf	S, HS; dry OK; heat OK consider pruning as small tree
Pyracantha x coccinea# (firethorn)	6-10' x 6-10'	white flower / June; orange berry / fall-winter; evergreen	S, HS; dry OK; heat OK most varieties marginal in Z5; use 'Gnome'
Rhamnus f. Asplenifolia@ (lace-leaf buckthorn)	10-12' x 6-10'	ferny foliage; glossy bark	S, HS, sh; dry OK; heat OK consider pruning as small tree
Rosa species and varieties# (rose climbers, ramblers, miniatures)	varies to 20'	flower / summer, some repeat; some fragrant	S,; dry OK; heat OK; some salt-tolerant (R. rugosa, R. wichuriana)
Salix purpurea (purpleosier willow)			S, HS; wet OK
dwarf or weeping forms: Nana (arctic blue willow)	5 x 5'	graceful form; blue-green leaf	cut to ground periodically
pendula (grafted on standard)@	6-7x5'	makes a small weeping tree	
Sambucus nig. Laciniata tree (cutleaf elder)	5'x5'	white flower / June; berry / Aug; feathery leaf; some variegated: Marginata, Aureo-marginata, Purpurea	HS, sh; no heat; consider pruning as small tree
Spirea dwarf species: albiflora (Japanese white spirea)	2-3' x 2-3'	flower / June-July, will repeat; dense mounded shape white flower / June-Jul	S, HS
x bumalda (such as Anthony Waterer, Gold Flame, Crispa, etc.)	3-4' x 3-4'	pink flower / Jun-Jul, will repeat; some forms unusual foliage color	
japonica (such as Little Princess)	18-30" x 3-4'	pink flower / Jun-July, will repeat; some forms unusual foliage color	

- good for espalier or other flat training

@ - train as small tree

Small or Easily-controlled Shrubs for Older Gardens (Cont'd.)

Plant name	<u>height</u> x width	color interest / season:	notes: (S-sun, HS-half sun, sh-shade)
Stephanandra inc. Crispa (cutleaf stephanandra)	18-24" x 2-3'	white flower / June; graceful form	S, HS
Syringa meyeri Palibin (Meyer lilac, dwarf form)	4-5' x 5-7'	purple fragrant flower / May	S
Syringa patula Miss Kim (dwarf Manchurian lilac)	3-8' x 4-10'	blue-violet fragrant flower / May; sometimes nice leaf / fall	S

Thuja occid. Little Gem (dwarf globe arborvitae)	1 x 2' x3-4'	globe; slow; some browning of foliage/ winter	S, HS, sh; wet OK
Tsuga canad. dwarf types (dwarf hemlocks: Cole, Jeddeloh, Bennett)	18" - 8'	various forms; slow; feathery	S, HS, sh; no wind
Viburnum acerifolium@ (maple-leaf viburnum)	4-6' x3-4'	white flower / May; black berry / fall; multi-color foliage/	HS, sh; dry OK; heat OK fall; consider pruning as small tree
Viburnum x burkwoodi@ (Burkwood viburnum)	8-10' x6-8'	white fragrant flower / May; reddish foliage / fall; semievergreen;	S, HS green; consider pruning as small tree
Viburnum carlesii (koreanspice viburnum) variety Compactum	4-8' x4-8' 30-40" x30-40"	white fragrant flower / May; red berry / Jul-Aug;	S, HS
Viburnum op. compactum (dwarf Euro. cranberry viburnum)	4-5' x5-6'	white flower / May; red berry / fall; some red leaf / fall	S, HS; heat OK, wet OK
Viburnum op. Roseum@ (snowball tree viburnum)	10-12' x8-10'	white flower / May; also listed Vib. o. Sterilis	S, HS
Viburnum pl. tomentosum@ (doublefile viburnum) variety Shasta	6-10' x10-12' 4-6' x 6-8'	white flower / May; red berry / July; maroon leaf / fall	S, HS; no wind

- good for espalier or other flat training @ - train as small tree

Vines for Older Gardens

Plant name	height speed	color interest / season:	notes: (S-sun, HS-half sun, sh-shade)
Actinidia kolomikta# (kolomikta vine)	15-20' medium	white fragrant flower / June; pink & white tipped leaves when mature	S, HS
Ampelopsis brev. Elegans# (variegated porcelain vine)	10-15' fast	multi-color bunches of berries / fall; white marbled leaves	S, HS
Aristolochia durior# (Dutchman's pipe)	20-30' fast	green-white / June	S, HS, sh; no dry
Campsis radicans#*@ (trumpet vine)	30-40' fast	orange flower / Jun-Jul	S, HS, sh produces suckers, can be rampant!
Clematis, early blooming# (florida, lanuginosa and patens groups, incl. Henryii, Nelly Moser, Ramona, Barbara Jackman, Miss Bateman, Duchess of Edinburgh)	8-12' fast	many colors / June, some repeat	S, HS; no dry cut after bloom or in stages
Clematis, mid. blooming# (Jackmani and viticella groups, incl.. jackmani superba, Perel D'Azur, Victoria Ernest Markham,)	8-12' fast	many colors / Jul-Aug.	S, HS; no dry can be cut to ground each spring
Euonymus fortunei* variegated vining types such as Ivory Jade	10-15' medium	cream edged foliage	S, HS, sh
Hydrangea an. petiolaris* (climbing hydrangea)	60-80' slow then fast	white fragrant flower / June; cinnamon bark / winter; form	S, HS, sh; no extreme wind
Lonicera hybrid vines# honeysuckle vines: L. x brownii Dropmore Scarlet L x heckrottii - Goldflame honeysuckle	10-20' fast	fragrant flower / July-Sept red flower red opens yellow fades pink	S, HS
Polygonum auberti# (silver lace vine, silver fleece)	25-35' fast	white flower / Aug; white seed / fall;	S, HS, sh; no extreme wind; dry OK produces suckers, can be rampant!
Wisteria floribu. / sinensis#@ (wisteria)	30'+ fast	purple or white flower / May	S, HS produces suckers, can be rampant!

- needs support: holds by twining or with tendrils * self-clinging, given time @ can be trained as weeping "tree"

Mannerly Perennials for Older Gardens

Plant name	ht x w:	color:	blooms in:	notes: (S-sun, HS-half sun, sh-shade)
<i>Acanthus spinosus</i> (bear's breeches)	3' x 2'	white+	late June-July	HS, S; foliage sharp; overall like a sculpture
<i>Actaea rubra</i> (red baneberry)	18-30" 18-30"	white fl red berry	late May-June July-August	sh, HS; dry OK
<i>Alchemilla mollis, alpina</i> (ladies mantle, dwarf l.m., alpine l.m.)	1' x 18" 1' x 1'	chartreuse	May & June	HS, S, sh; heat OK; dry OK
<i>Amsonia tabernaemontana</i> (blue star, willow amsonia)	24-30" x18-24"	blue	May	HS, S, sh; stake in shade
<i>Anemone pulsatilla</i> (windflower, pasqueflower)	10"x1'	violet, white seed pods	late April-May May-June	S; heat OK, dry OK
<i>Armeria maritima</i> (sea pink, thrift)	8 x 18"	white, pink evergreen	mid May- June will repeat	S; don't fertilize wth nitrogen
<i>Aruncus aethusifolius</i> (dwarf goatsbeard)	18x18"	white seed pod	June July-Aug	HS, S, sh
<i>Aruncus dioicus</i> (goatsbeard)	4' x 4'	white seed pod	late June-July	HS, S, sh
<i>Asarum europaeum</i> (European ginger)	3x8"	insignif. evergreen		HS, sh
<i>Asclepias tuberosa</i> (butterfly weed)	2' x 3'	orange	July	S; heat OK; dry OK; salt OK
<i>Astilbe x arendsii</i> (false goatsbeard, false spirea, astilbe) esp. Sprite, Erica, Rheinland, Fanal	1-4' x 1-2'	white, pink seed pods	late June, early July or Aug, by type	HS, sh; wet OK
<i>Astrantia species</i> A. major maxima or rubra; A. carniolica (masterwort, rose masterwort)	1' x 1' x 1-2'	white, pink seed pods	mid June-July July -Aug,	HS, S, sh
<i>Aubrieta deltoidea</i> (false rock cress)	4 x 18"	pink, violet evergreen	May	HS, S; no heat; no dry carpets, edges
<i>Baptisia australis, other spp.</i> (false indigo)	3-4' x 3-4'	blue seed pods	May fall-winter	S, HS, sh; stake in shade; dry OK; heat OK
<i>Campanula carpatica</i> (Blue Clips/White Clips bellflower)	8" x 1'	violet, white	mid June-July will repeat	S, HS edges
<i>Campanula portenschlagiana</i> (Dalmation bellflower)	6" x 1'	violet	mid June-July	HS, S, sh carpets, fills crevices
<i>Chelidonium majus</i> (celandine poppy)	1-2' x 18"	yellow	late May-June	HS, sh
<i>Chelone lyonii (also obliqua)</i> (turtlehead)	3-4' x 2'	pink (white)	late July-Aug	HS, S (wet), sh
<i>Cimicifuga species (fairy candle)</i> C. ramosa atropurpurea (purpleleaf f.c.) C. simplex (fall fairy candle)	30-40" x 2' 18-24" x 24"	white purple leaf white	late July-Aug esp.spring/fall late July-Aug	HS, sh, S(wet) HS, sh, S(wet)
<i>Clematis heracl. davidiana</i> (blue bush clematis)	3-4' x 3-4'	blue fragrant	August	HS, sh
<i>Coreopsis verticillata</i> (threadleaf coreopsis esp. Moonbeam)	18-24" 18"	yellow(gold)	July- Aug	S, HS; no wet; dry OK; heat OK; salt OK
<i>Corydalis lutea</i> (golden bleeding heart)	12 x 18"	yellow	June may repeat	HS, sh; no dry; no heat

Mannerly Perennials for Older Gardens (Cont'd.)

Plant name	ht x w:	color:	blooms in:	notes: (S-sun, HS-half sun, sh-shade)
Dianthus species (pinks) esp. Dianthus alpinus, D. x Allwoodii	6" x 1'+	pink, white fragrant blue evergreen	late May- June will repeat	S, HS; dry OK; heat OK edging
Dicentra eximia (fringed bleeding heart)	18 x 18"	pink , white	May-June will repeat	HS, S , sh
Dictamnus albus (gas plant, burning bush)	3 x 2'	white, mauve seed pods	June July-August	S, HS; dry OK; heat OK
Epimedium species exc. flavum (bishop's hat, mitrewort)	6-12" x 6-12"	pink, white semi-evergreen	May	HS, sh; dry OK edging
Euphorbia myrsinites (myrtle euphorbia)	8" x 2'	chartreuse blue evergreen	May	HS, S , sh; heat OK; dry OK edging
Geranium himalayense (blue per. geranium, Johnson Blue)	3' x 3'	blue violet	late May-June	HS, sh (stake)
Geranium sanguineum var. (lancaster's geranium, Ballerina, Sheperd's Warning)	18"x30"	violet	late May-June will repeat	HS, S ; heat OK; dry OK
grasses, grass-like				
Arrhenatherum bulb. variegatum (variegated tuber oat grass)	6" x 1'	insignif. striped leaf	summer	HS, S, sh
Chasmanthium latifolium (North. sea oats)	3 x 18"	pale green tan pods	mid June-July thru winter	S, HS; very slow
Helictotrichon sempervirens (blue oat grass)	2' x 2'	fl. rare blue green	into winter	S, HS
Liriope spicata variegata (variegated lilyturf)	8" x 1'	violet evergreen	August until Jan. thaw	HS, sh, S
Helleborus orientalis (Christmas rose)	18 x 18"	pink , white evergreen	late March-Apr	HS, sh
Hosta spp. and varieties (hosta) avoid large types!	6- 24" x 6-36"	violet, white some fragrant	July (some Aug.)	HS, sh; wet OK
Iberis sempervirens (candytuft)	8" x 2'	white evergreen	May	S, HS, sh; heat OK; dry OK edging
Iris pallida argenteo-variega. (zebra iris)	1' x 18"	violet striped leaf	mid May	S; dry OK; heat OK some ref. say Z6; I dispute: no loss in Z5
Iris sibirica, dwarf types (Siberian iris)	1-2' x 1-2'	many	mid-late May	S, HS; wet OK
Lamium maculatum var. (Beacon Silver, White Nancy lamium)	1' x 3'	pink, white semi-evergreen	June will repeat	HS, sh; wet OK edging
Lavandula angustifolia (lavender)	12-18" x 2'	violet, white fragrant grey evergreen	June may repeat	S; heat OK; dry OK
Liatris spicata (gayfeather, blazing star)	18-36" x 1-2'	violet, white	July	S, HS; wet OK; dry OK; heat OK
Ligularia species (ligularia, esp. Rocket, Desdemona)	3-4' x 2-4'	yellow	July	HS, sh; wet OK; no heat; no dry
Nepeta hybrids (catmint, such as Six Hills Giant)	18-24" x 18-24"	violet fragrant	late May-June will repeat	S, HS; heat OK; dry OK
Perovskia species (Russian sage)	3-4' x 2-3'	violet fragrant grey semi-evergreen	late July-Aug	S, HS; dry OK; heat OK

Mannerly Perennials for Older Gardens (Cont'd.)

Plant name	ht x w:	color:	blooms in:	notes: (S-sun, HS-half sun, sh-shade)
Phlox, short species Phlox subulata (creeping phlox) (creeping phlox, woodland phlox)	6 x 30" 12x30"	pink, white evergreen blue, white evergreen	late April-May May	S, HS edging HS, sh edging
Platycodon grandiflorus (balloon flower)	18" - 3'	blu, wht, pink	July	HS, S, sh (stake)
Polygonatum o. variegatum (variegated Solomon seal)	18-24" x 1-2'	white	mid May-June	HS, sh
Polygonum affine (border jewel, Himalayan fleecflower)	6" x 2'	white to rose red seed pod	June-August July-Sept	HS, S (wet) edging
Pulmonaria saccharata (Bethlehem sage, lungwort)	12-18" x 18-24"	blue / pink	May	HS, sh; dry OK; heat OK
Rodgersia species (rodgersia)	3-4' x 3-4'	white seed pod	June July-August	HS, sh; wet OK
Santolina chamaecyparissus (lavender cotton) (green and grey forms)	1' x 2'	cream evergreen	June fragrant	S; dry OK; heat OK drainage must be good to thrive, Z5
Sedum, slow-spread. species Sedum x spectabile (Sedum Autumn Joy) Sedum sieboldi Rosy Glow, Oct. Daphne Sedum maximum Vera Jameson	x 24-30" 8 x 18" 8 x 18"	18-24" seed pods rose rose maroon foliage	pink Sept-winter August-Sept. Jul-August	August-Sept. S S, HS S, HS
Stachys officinalis, grandiflora (big betony)	pink 1' x 8"	June	S, HS; dry OK; heat OK will repeat	
Stokesia laevis (Stokes aster)	8 x 12"	blue, pink	late June-July may repeat	S, HS; heat OK some ref. say Z6; I dispute: no loss in Z5
Uvularia grandiflora (merry bells)	12-15" x 8-12"	yellow	May	HS, sh
Veronica species Veronica incana (grey leaf veronica) Veronica spicata (Crater Blue, Icicle, Fox)	8" x 18" 18-24" x 12-18"	blue blue, white pink	will repeat June mid June-July	S, HS; heat OK; dry OK S, HS