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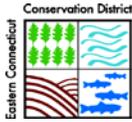
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Michael Soares
Conservation Technician

Maura Robie
Conservation Technician



ECCD OUTLOOK

A publication of the Eastern Connecticut Conservation District

Winter 2017 Edition

The Importance of Planting for Pollinators

There has been a lot of buzz lately on the decline of bees and other pollinators. Many food crops are dependent on visits by pollinators in order to bear fruit. Without this service of nature, there is growing concern of crop loss due to the decline of pollinators. It is not only honey bees, but native bumblebee populations are lower as well.



What you can do to improve pollinator habitat in your yard:

- When possible, use native plants in your flower gardens that will sustain bees, butterflies, hummingbirds and other pollinators.
- Plan for blooms throughout the season so there will always be a food source available.
- Honey bees tend to feed on one type of flower at a time. Plant several plants of the same species together to create a large mass of blooms.
- Rethink lawn weeds: dandelions may be unsightly to you, but are an early spring nectar/pollen source for bees.
- Don't use neonicotinoid chemicals on your plants and avoid purchasing plants treated with them. These chemicals get into the plant tissues and harm the pollinators when they try to feed on the flowers.
- Skip using highly hybridized plants with double blooms. They are bred for show, and do not make a good food resource to pollinators.

ECCD is offering numerous plant choices at this year's plant sale. Look for the code "BE" for plants that attract bees to your garden, "BT" for plants that attract butterflies and "HM" that attract hummingbirds. For more information, here are some website recommendations:

http://www.ct.gov/caes/lib/caes/documents/publications/fact_sheets/entomology/planting_flowers_for_bees_in_connecticut.pdf and <http://www.xerces.org/neonicotinoids-and-bees>

ECCD Welcomes Michael Soares and Maura Robie to Our Staff!

Michael Soares, Conservation Technician

Michael has worked most recently in the stewardship and management of protected lands, as a research assistant on CT shorebird conservation, and in forestry. Before that, he spent a number of years with the National Park Service and CT State Parks as an environmental educator. He has a BS in geology and plans to complete UMass Amherst's Soil Science Certification program in late 2017. He and his family live in Mansfield.



Maura Robie, Conservation Technician

Maura has a strong background in natural resource protection and working with CT Inland Wetlands and Watercourses regulations. At ECCD, Maura will be utilizing her skills in GPS/ArcGIS, working on agricultural projects related to the Regional Conservation Partnership Program and a Conservation Innovation Grant, both funded by USDA's NRCS; as well as several US EPA - CT DEEP funded 319 Clean Water projects. Maura lives in Woodstock and loves nature observation and outdoor recreation.



2017 ECCD SPRING SEEDLING AND PLANT SALE

WHAT: Bareroot seedlings and potted plants, all winter hardy to at least Zone 6, which is our growing area (descriptions and order form follow).

WHEN: **Order deadline:** April 5, 2017 postmark.

Southern area pickup at **Ocean State Job Lot Building, Gales Ferry** (space donated by Ocean State Job Lot): 1:00 p.m. to 6:00 p.m. on Friday, April 21st; or at 9:00 a.m. to noon on Saturday, April 22nd.

Northern area pickup at **Brooklyn Fairgrounds, Route 169, Brooklyn** (space donated by the Windham County Agricultural Society): 1:00 p.m. to 6:00 p.m. on Friday, April 28th; or at 9:00 a.m. to noon on Saturday, April 29th.

Please indicate on the order form whether you will be picking up at the Ocean State Job Lot location or the Brooklyn Fairgrounds. This is important since the seedlings and plants for each pickup point are delivered a week apart and are not carried over from one pickup to the other.

HOW: One hundred seedlings of most tree species can fit easily into a grocery sack. Potted plants take up more room. Be prepared to keep the roots of the bareroot plants moist and covered until actual planting. Herbs and perennials should be sheltered until mid-May.

AND: The District cannot be responsible for any orders not picked up by noon on Saturday unless prior arrangements have been made. Sorry, there are no refunds on orders not picked up.

QUESTIONS: Call Kate at 860-319-8806 M-F between 9:00 a.m. and 3:00 p.m.



Pollinator Perennial Package - See Item #33

NEW THIS YEAR! We are offering a package of 5 pollinator-friendly flowering plugs which include one each of: Butterfly weed, *Asclepias tuberosa*; Turtlehead, *Chelone glabra*; Bottle Gentian, *Gentiana clausa*; Cardinal Flower, *Lobelia cardinalis*; and Brown Eyed Susan, *Rudbeckia triloba*.

CODE KEY FOR PLANTS:

BD—attracts birds, **BE**—attracts bees, **BT**—attracts butterflies, **D**—Deer Resistant
HM—attracts hummingbirds, **M**—works well in meadows, **MG**—works well in moon gardens, **N**—native to New England,
RB—works well as a riparian buffer plant, **RG**—works well in rain gardens

BAREROOT EVERGREEN SEEDLINGS (In bundles of 25 each)

1. WHITE PINE: 10 to 20 inch tall 3-year bareroot seedlings. Soft blue-green needles 3-5" long, fast growth, excellent needle retention. Desirable for Christmas, ornamentals, reforestation. **N,BD,RB**

2. WHITE SPRUCE: 12 to 24 inch tall 4-year bareroot seedlings. Very hardy, compact, with short blue-green needles, fast rate of growth, tolerates wide variety of soils. Used for Christmas, ornamentals and windbreaks. **BD**

3. COLORADO BLUE SPRUCE: 8 to 15 inch tall 3-year bareroot seedlings. Color ranges from blue-green to silvery blue, superb color, excellent shape, good growth rate. One of the finest for Christmas trees, ornamental and windbreak use. **BD**

4. BALSAM FIR: 6 to 12 inch tall 3-year bareroot seedlings. Needles are 1 inch, excellent fragrance and retention, grows best in cool, moist sheltered locations. Widely used for Christmas trees and ornamentals. **BD**

5. CONCOLOR FIR *: 8 to 12 inch tall 3-year bareroot seedlings. Soft, silver-blue 2" needles with excellent retention and a citrus aroma. Withstands heat and dryness well, likes well drained soil best. Great for Christmas and for ornamental. **BD * Early order deadline ~ postmarked by March 10.**

6. FRASER FIR *: 6 to 10 inch tall 3-year bare root seedlings. Shiny dark green foliage with a silvery underside and superb needle retention, prefers fertile, well-drained soil. Excellent Christmas tree and ornamental. **BD * Early order deadline ~ postmarked by March 10..**

TREES & SHRUBS (#1, #2 or #3 "gallon" containers)

- 7. SERVICERRY**, *Amelanchier canadensis*: Forms upright, oval shaped plant with strong stems, erect plumes of snowy white, small flowers emerge in late April, deep green foliage, shiny black fruit in late summer. golden yellow to orange fall color. Full sun to part shade. Very well drained soil, inc. poor, dry infertile soils. Matures to 14-16' tall. (#3) **N,BD,BT,MG**
- 8. PINXTERBLOOM AZALEA**, *Azalea periclymenoides*: Sweet fragrance, late April bloom of rounded clusters of 1-1.5" pink to white flowers as foliage emerges, early nectar source, broad leaf evergreen. Full to part sun. Moist soil, but tolerates drier soils. Matures 6-8' tall. (#2) **N,BE,BT,HM**
- 9. BOXWOOD**, *Buxus microphylla var. japonica* 'Baby Gem': Compact, dark evergreen foliage, holds winter color, shape pruning anytime, hard pruning can be done in mid-winter. Great for foundations, edging and borders. Full sun to part shade. Moist, well drained soil, drought tolerant. Matures to 4-5' tall. (#2) **D**
- 10. EASTERN REDBUD**, *Cercis canadensis*: Short trunk, spreading branches, showy clusters of flowers light to dark magenta blooming in spring, covering the bare branches before heart shaped foliage appears, provides great nesting and caterpillar food for local butterflies. Sun. Moist soil. Matures to 15-30' tall. (#3) **N,BD,BE,BT,HM,M,RG**
- 11. BUNCHBERRY**, *Cornus canadensis*: Low, extremely hardy groundcover with a mat of lustrous green leaves with small white flowers blooming from June-July, followed by coral red berries. Burgundy-purple fall foliage. Partial to full shade. Moist soil. Matures to 3-6" tall. (#1) **N,BD,BE**
- 12. RED TWIG DOGWOOD**, *Cornus sericea* 'Bailey': Quick growing, darkening green foliage, flattened heads of small white flowers in late May into July, Bright red-purple stems in winter. Thin out old branches to retain best winter color. Full to part sun. Tolerates poor soils and wet areas. Matures to 6-8' tall. (#3) **BD,BT,D,RG**
- 13. DWARF HUCKLEBERRY**, *Gaylussacia dumosa* 'Bigeloviniana': Deciduous, oval shaped, leathery leaves, delicate white/pink bell-like flowers mature to juicy, edible black fruit. Can be used as ground cover. Attracts ruffed grouse, quail, turkeys. Part shade. Moist soil, can tolerate drier soils. Matures to 2-3' tall. (#2) **N,BD,BE,BT,RG**
- 14. SMOOTH HYDRANGEA (pink)**, *Hydrangea aborescens* 'Invincibelle Spirit II': Dark green foliage, rich pink flowers that age to attractive green, strong rebloomer, blooms from early summer through fall. \$1 from every plant is donated by our supplier to the Breast Cancer Research Center. Full sun. Most well drained soils. Matures to 3-4' tall. (#3) **BD,BT**
- 15. LACECAP HYDRANGEA (blue)**, *Hydrangea serrata* 'Blue Billow': Clusters of light blue flowers from early to midsummer, turning a deep crimson as flowers age, foliage turns burgandy in the fall, excellent as a shady border. Sun to shade. Average soil. Matures 3-4' tall. (#3) **BD,BT**
- 16. INKBERRY**, *Ilex glabra* 'Densa': Broadleaf evergreen, provides year round cover for birds, produces black berries that the birds love. Grows in almost any situation, including sandy soils or seaside conditions. Matures 3-4' tall. (#2) **N,BD,BE,RG**
- 17. WINTERBERRY**, *Ilex verticillata*: Dense round plant with deep green foliage, stunning array of red berries that birds adore. Sun to part sun. Handles moist or wet soil. Sun to part sun. Matures to 7-8' tall. (#3) **N,BD,RG**
- 18. HOLLY**, 'Blue Princess' *Ilex x meserveae*: Dark blue-green foliage and exceptional berry production. Full sun or part shade. Matures to 12' tall. (#2) **BD,D**
- NOTE:** The female holly bush produces berries. The male generally is not berry producing, but is needed to pollinate the female. One male holly can pollinate up to several female holly bushes.
- 19. HOLLY**, 'Blue Prince' *Ilex x meserveae*: Male is needed to pollinate female for berries, dark blue-green foliage on purple stems, extremely hardy. Full sun or part shade. Matures to 8-10' tall. (#2) **BD,D**
- 20. MOUNTAIN LAUREL**, *Kalmia latifolia* 'Pink Charm': Shiny deep green foliage, dense, rounded, strong pink blooms May-Jun. Tolerates shallower, drier soils. Matures 8-10' tall. (#2) **N,BD,BE,RG**
- 21. JAPANESE ANDROMEDA**, *Pteris japonica* 'Avalanche': Rounded, dense evergreen, chains of white flowers nearly cover the shrub from April to May, pruning can be done right after flowering by cutting to just above a set of leaves. Part shade to shade, but tolerates sun. Well drained moist soil, mulch. Matures to 4-5' tall. (#2). **BE,D**

22. BEACH PLUM, *Prunus maritima*: Easy to grow, loose upright, branched, with deep green foliage, small white flowers cover in late April to mid-May, abundant nectar. Dark purple 1" plums great for jams. Full sun. Native to dune areas, so tolerates drought and sandy, unfertile soils with ease. Matures to 6-7' tall. (#2) **N,BD,BE,BT**

23. SWAMP ROSE, *Rosa palustris*: Round, dense, deep green 7 leaflet foliage, blooming from June into September with 3" single flowers of bold pink, a constant source of nectar. Prefers moist soils, but will grow in most locations. Matures to 6-7' tall. (#2) **N,BD,BE,BT,RG**

24. PUSSY WILLOW, *Salix discolor*: Provides flower catkins in spring, often used for cuttings, provides early and varying food sources for bees, birds, and butterflies, and cover for birds. Tolerates most soils, including moist. Matures to 20-25' tall. (#2) **N,BD,BE,BT,RB,RG**

25. ELDERBERRY, *Sambucus nigra* 'Black Lace': Wispy, threadlike dark purple foliage, compact but airy, 10" lightly fragrant, pink, flattened lacy flower heads in early June. Partners beautifully with purple coneflower, does well in containers. Full sun to part shade. Average, well drained soil. Matures to 5-6' tall. (#2) **BD,BE,BT,RB,RG**

26. LILAC, *Syringa vulgaris* 'Yankee Doodle': Fragrant, deep purple, profuse bloomer starting in early May. Sun. Average soil. Matures to 8-10' tall. (#3) **BT,D**

27. LOWBUSH BLUEBERRY, *Vaccinium angustifolium* 'Brunswick': Dense, low spreading, compact form with small, white, nectar filled flowers in May, maturing to sweet blueberries. Beautiful fiery orange-red-purple fall foliage. Full sun to part shade. Moist, well drained soils. Matures to 8-12" tall. (#1). **N,BD,BE,BT,RG**

GRASSES (8", #1 or #2 "gallon" containers)

28. BIG BLUESTEM, *Andropogon gerardii* 'Red October': Reddish highlights in spring, lush, deep green in summer, burgandy red flowers in August with foliage becoming purple red, and turning scarlet red after the first frost, excellent bird cover. Full sun. Dry & sandy to clay soils, grows quickly in moist fertile soils but likely to fall over. Matures 4-6' tall. (#2) **N,BD,BT,D**

29. BLUE GRAMA, *Bouteloua gracilis* 'Blonde Ambition': Resilient stems with a unique flag-like flower, chartreuse in mid-summer and changing to blond, pretty in floral arrangements, easy to grow. Host plant for skipper butterfly. Drought tolerant. Matures to 18-24" tall. (#2) **N,BD,BT,D**

30. JAPANESE SEDGE, *Carex Evercolor* 'Eversheen': Mounded evergreen with long, narrow bright yellow foliage edged with a band of dark green, pretty all year, great in gardens or in colorful mixed containers. Part sun to full shade. Well drained soil. Matures to 12-15" tall. (8") **D**

31. DWARF TUFTED HAIRGRASS, *Deschampsia cespitosa* 'Pixie Fountain': Tight clump, finely textured evergreen, petite in size but offers a great plume of seeds in late summer, good in woodland and wetland settings, attracts amphibians. Full sun to light shade. Moist, fertile, well drained soil. Matures to 20-24' tall. (#1) **N,BD,BT**

32. FESTUCA, *Festuca* 'Beyond Blue': Unique, bright blue, evergreen foliage, great as borders or in mixed container plantings, yearlong color interest. Full sun. Well drained. Matures to 10-12" tall. (#1) **D**

PERENNIALS (8", #1, #2 or #3 "gallon" containers)



33. Pollinator Perennial Package - NEW THIS YEAR! We are offering a package of 5 pollinator-friendly flowering plugs which include one each of: Butterfly weed, *Asclepias tuberosa*; Turtlehead, *Chelone glabra*; Bottle Gentian, *Gentiana clausa*; Cardinal Flower, *Lobelia cardinalis*; and Brown Eyed Susan, *Rudbeckia triloba*. This garden likes avg. to moist soils and will bloom in orange, blue, red, gold and white from mid to late summer, and will provide a smorgasbord for your local pollinators. Turn your container into a pollinator pot! **N,BD,BE,BT,HM**

34. SWAMP MILKWEED, *Asclepias incarnata*: Long, lance-like foliage with umbels of small, mauve-pink fragrant flowers from late Jun-Jul. Host plant to Monarch butterflies. Full sun. Moist soil. Matures to 3-4' tall. (#2) **N,BD,BT,D,HM,M,RG**

35. BUTTERFLY WEED, *Asclepias tuberosa* 'Hello Yellow': Bright yellow flower clusters early summer to early autumn, deadheading early encourages blossoms, Host plant to Grey Hairstreak, Monarch and Queen butterflies. Full sun. Well drained soil, also likes moist, rocky soils. Matures to 18-24" tall. (#1) **N,BD,BE,BT,D,HM,M,RG**

- 36. NEW ENGLAND ASTER**, *Aster novii-angliae* 'Vibrant Dome': Compact form, blooms late summer into fall with hot pink daisy-like flowers in gorgeous mounding form. Great late summer color. Full sun. Moist well drained soil. Matures to 18-21" tall. (#2) **N,BE,BT,D**
- 37. BLUE FALSE INDIGO**, *Baptisia australis*: Tall, multiple upright stems creating a big bush, deep green pea-like foliage, blooms late May-June with deep indigo pea-like flowers 6-8" high, long lasting blooms. Well drained soil, drought tolerant. Sun to part sun. Matures to 3-4' tall. (#1) **N,BD,BE,BT,D,M,RG**
- 38. BELL FLOWER**, *Campanula carpatica* 'White Clips': Bell shaped white flowers June to September above compact mounds of foliage, groundcover, great for small spaces. Full to part sun. Well drained soils. Matures to 8". (#1) **BE,BT,HM,MG**
- 39. CLEMATIS**, *Clematis* 'Cherokee': Free flowering habit, beautiful dusky pink petals with deep pink stripes in center of petals, compact, good in small spaces or containers. Part shade. Well drained soil. Matures 3-4' tall. (8")
- 40. PINKS**, *Dianthus* 'Apple Slice': New. Fragrant, double, velvety red blossoms with pale pink markings atop blue - green mounded foliage, reblooming, tolerant of heat, drought and salt, great edging for sunny borders and pathways. Sun to part shade. Moist, well drained soil. Matures to 8-10" tall. (#1) **BT,D**
- 41. PURPLE CONEFLOWER**, *Echinacea purpurea* 'Ruby Star': Tall, narrow, upright profile with big, carmine red daisies blooming from July to early September, great nectar and seed source, hardy. Full sun. Matures to 36-42" tall. (#2) **N,BD,BE,BT,D,HM,M,RG**
- 42. DWARF JOE PYE WEED**, *Eupatorium dubium* 'Little Joe': Butterfly & bee magnet! Deep green foliage with big domes of fragrant, long lasting, lavender-pink flowers, blooming Jul-Sep. Looks great in groups. Full sun to part shade; moist areas or around ponds. Matures to 3-4' tall. (#2) **N,BE,BT,M,RG**
- 43. GERANIUM**, *Geranium maculatum*: Deep green foliage with 1 to 1.5" pink to lavender single petal bloom, lasting 6-7 weeks beginning early to mid-spring, early nectar source. Part sun. Moist soil. Matures to 18-24" tall. (#1) **N,BD,BE,BT,M,RG**
- 44. GEUM**, *Geum* 'Banana Daiquiri': Lemon yellow semi-double flowers in late spring above clump of semi-evergreen foliage, excellent cut flower. Full sun to part shade. Moist well drained soil. Matures to 12-15" tall. (1gal)
- 45. CORAL BELLS**, *Heuchera* 'Delta Dawn': Gorgeous, rounded leaves with red centers and gold to lime main leaf color, perfect for shade container or to add color to a dark area. Part sun. Avg. soil. Matures to 12-14" tall.(8")
- 46. HOSTA**, *Hosta* 'Rainbow's End': Glossy foliage, bright yellow with deep green margins, green streaking in centers for striking color, purple tubular blooms in August. Part shade. Rich, moist, well drained soil. Matures to 11-19" tall. (8")
- 47. DAISY**, *Leucanthemum superbum* 'Spoonful of Sugar': New. Huge 4.5" double rowed blooms, white with bright yellow eye, compact, dome-like, great potted. Full sun to part shade. Well drained soil. Matures to 16-18" tall. (8")
- 48. BLUE CARDINAL FLOWER**, *Lobelia siphilitica*: Strong upright plants with green lance-like foliage, with long flower stalks in early summer, lower lipped blue blooms through summer, thrives along streams and ponds. Full to part sun. Likes wet soil. Matures to 30-36" tall. (#1) **N,BE,BT,HM,M,RG**
- 49. BEE BALM**, *Monarda didyma* 'Jacob Cline': Deep green fragrant foliage, deep scarlet 3" tubular flowers blooming July-Sep, Hummingbird favorite. Likes sun to partial sun and good airflow. Matures to 3-4' tall. (#2) **N,BD,BE,BT,HM,M,RG**
- 50. BEARDTONGUE**, *Penstemon digitalis* 'Husker Red': Deep red-deep purple foliage, stiffly upright stems develop clumps of buds on top that bloom into snowy white-with a hint of pink-tubular flowers from early June-July, great nectar source. Sun-part sun; drought, poor sandy soils tolerant. Matures to 24-30" tall. (#1) **N,BD,BT,HM,M,MG,RG**
- 51. RUSSIAN SAGE**, *Perovskia atriplicifolia* 'Blue Jean Baby': New. Shorter, more manageable size, blooming earlier than most, it holds its brilliant blue flowering color from mid-summer to mid-fall. Full sun. Average soil. Matures to 30-34". (#1) **D,HM**
- 52. JACOB'S LADDER**, *Polemonium reptans* 'Stairway to Heaven': Deep green coloring with white variegated edging, dense neat foliage clump, April-May stem rises with buds that open to a long, narrow pyramid of deep purple-blue flowers into May, favorite nectar source. Part shade. Matures to 15-18" tall. (#1) **N,BE,BT,RG**

53. BROWN EYED SUSAN/THREE LOBED CONEFLOWER, *Rudbeckia triloba*: Yellow, deep brown centered daisies blooming June-Sept. Full sun, tolerates drought. Matures 36-42" tall. (#2) **N,BD,BE,BT,M,RG**

54. SALVIA, *Salvia nemerosa* 'Snowhill': Silvery-green, sage-scented foliage, dense, compact, with spectacular, pure white, stem-ending spires of small white flowers in June, great for moon gardens. Full sun. Average soil, drought tolerant. Matures to 15-18" tall. (#1) **BT,D,HM,MG**

55. PINCUSHION FLOWER, *Scabiosa caucasica* 'Butterfly Blue': Compact, mounding, grey-green foliage with abundant, beautiful lavender-blue flowers blooming from May to October, long-lasting cut flower, dead heading encourages rebloom. Full sun. Well drained fertile soil. Matures to 20-24" tall. (#1) **BD,BE,BT,D,HM**

56. IRONWEED, *Veronia lettermannii* 'Iron Butterfly': Produces beautiful, tiny purple, star-like, butterfly attracting flowers above long narrow foliage from late summer to fall on a compact plant. Full sun. Dry, rocky soil. Matures 30-36" tall. (#1) **N,BT**

KITCHEN GARDEN

57. BLUEBERRIES: *Vaccinium corymbosum*: Set of three individually potted plants for cross-pollination, each set has 3 plants-one each of: early, mid and late-season bearing. Full sun. Moist, acidic (ideal pH 4.5-4.8), well drained soil. Matures to 4-6' tall. (#1) **BD,BE,BT** Perennial.

58. LEMONGRASS, *Cymbopogon citratus*: Fast growing, tall green grass with mild lemon flavor, used in Asian cuisine for lemon flavor and aroma, inner bulb of stalk is main part used in cooking, can be refrigerated or frozen, medically used for cough and nasal congestion, can overwinter indoors in containers with regular watering. Rich, loamy or sandy well-drained soil. Sun-part sun-shade. Matures to 3-4' tall. (#1) Annual.

59. FERNLEAF LAVENDAR, *Lavandula pinnata*: Deeply cut, grey-green foliage, fragrant scent, heavy bloomer with lilac-blue flowers, needs good air flow, used for food flavoring, teas, potpourris. Full sun. Well drained soil highly recommended. Matures to 24-36". (#1) Annual.

60. SPEARMINT, *Mentha spicata*: Vigorous grower - container recommended. Medium green, fragrant, perfect with meats, fish, jams, jellies, makes superb tea, invigorates bath water! Moist, well drained soil. Full to part sun. Matures to 12-36" tall. (#1) Perennial.

61. MOSQUITO PLANT, *Pelargonium citrosa*: Bushy, nicely cut, lobed foliage, citrus scent, rubbing fresh leaves on skin produces sweet aroma and deters pesky mosquitoes, great in containers and for making potpourris. Matures to 3-4' tall. Full sun. Annual. (#1)

62. CHILE PEPPER, *Pepper Ancho Poblano*: Abundant, mildly hot, tasty, 4" long peppers, maturing from green to red in 65 days, a staple in Mexican cooking (called Poblano when fresh, Ancho when dried). (#1) Annual.

63. BLACK RASPBERRY, *Rubus occidentalis* 'Jewel': Large, glossy, high quality with superb flavor, disease-resistant. Full sun. Moist, well drained soil. Matures 4-6'. **BD** (#2) Perennial.

64. STRAWBERRIES, 'Brunswick': Excellent flavor with good size and appearance, ripens early mid-season. Sold by bundle of 25 bareroot plants. **BE,BD** Perennial.

65. PINEBERRY COLLECTION, 'Natural Albino': **Totally unique!** White - or sometimes a very light pink - berry with red seeds...strawberry shaped! Dramatic color, excellent flavor and aroma, small berry (nickel-size), winter hardy. Collection sold as one bundle of 15 pineberry bareroot plants and one bundle of 15 bareroot 'Sonata' red strawberry plants - for cross pollination. Every other row or plant should alternate. 30 bareroot plants. Planting guide included with each order. Perennial.

LANDSCAPING NEEDS

64. BARLEY STRAW: Bales of barley straw for controlling your pond algae this spring! For more information on using barley straw, we invite you to check out the link on our website at www.ConserveCT.org/eastern.

65. FERTILIZER TABLETS: 1 application fertilizes 2 full years. Use 1-2 tablets for each plant set out. Easy to use, safe, will not harm new trees or shrubs. After holes are dug, place 1-2 tablets in hole under each plant, shrub or tree. Tablets slowly release plant food, feeding plants for 2 full years.

~ ~ ~

Eastern Connecticut Conservation District 2017 Spring Plant Sale

Name _____ Phone: Home _____ Work/Cell _____

Address _____ Town, ST, Zip _____

_____ I will pick up my order at the **Ocean State Job Lot Complex, Route 12, Gales Ferry**, on April 21st or 22nd (Southern end of building) on Friday, April 21, 1-6 PM ~ or Saturday, April 22, 9 AM to Noon
Space generously donated by Ocean State Job Lot

OR

_____ I will pick up my order at the **Brooklyn Fairgrounds, Route 169, Brooklyn**, on April 28th or 29th (Fairground Road entrance) on Friday, April 28, 1-6 PM or Saturday, April 29, 9 AM to Noon
Space generously donated by the Windham County Agricultural Society

Orders due postmarked no later than April 5, 2017 ~ Items #5 & #6 postmarked by March 10, 2017

NO REFUNDS on orders not picked up on distribution dates.

A reminder card will be mailed 1-2 weeks before pickup.

_____ I WOULD LIKE TO VOLUNTEER TO HELP WITH THE PLANT SALE

Evergreen Bareroot Seedlings sold by Bundles of 25 SEEDLINGS-per-SPECIES

1-3 Bundles \$30 each 4 or more Bundles \$27 each

- 1. White Pine. No. of Bundles _____
- 2. White Spruce. No. of Bundles _____
- 3. Colorado Blue Spruce. No. of Bundles _____
- 4. Balsam Fir. No. of Bundles _____

***5. Concolor Fir - Earlier order deadline - No. of Bundles _____ * #5 order postmarked by March 10.**

***6. Fraser Fir - Earlier order deadline - No. of Bundles _____ * #6 order postmarked by March 10.**

CODE KEY:

| | |
|----------------------------|--|
| BD...attracts birds | BE...attracts bees |
| BT...attracts butterflies | D.....deer resistant* |
| HM...attracts hummingbirds | M.....works well in meadows |
| | MG...works well in moon gardens |
| | N.....native to New England |
| | RB.....works well as a riparian buffer plant |
| | RG.....works well in rain gardens |

*but not always "deer proof" to a hungry deer!

No. of Tree Bundles _____ x Price per Bundle: \$ _____ = Seedling Total \$ _____

| TREES & SHRUBS | | | CODES | PRICE | QTY | TOTAL |
|----------------|----------------------|------|---|--------------------|------|-------|
| 7. | Serviceberry | 3gal | <i>Amelanchier canadensis</i> | N,BD,BT,MG | \$33 | |
| 8. | Pinxterbloom Azalea | 2gal | <i>Azalea periclymenoides</i> | N,BE,BT,HM | \$27 | |
| 9. | Boxwood | 2gal | <i>Buxus microphylla</i> 'Baby Gem' | D | \$26 | |
| 10. | Eastern Red Bud | 3gal | <i>Cercis canadensis</i> | N,BD,BE,BT,HM,M,RG | \$42 | |
| 11. | Bunchberry (grd cvr) | 1gal | <i>Cornus canadensis</i> | N,BD,BE | \$17 | |
| 12. | RedTwig Dogwood | 3gal | <i>Cornus sericea</i> 'Bailey' | BD,BT,D,RG | \$30 | |
| 13. | Dwarf Huckleberry | 2gal | <i>Gaylussacia dumosa</i> 'Bigeloviniana' | N,BD,BE,BT,RG | \$22 | |
| 14. | Hydrangea - pink | 3gal | <i>Hydrangea ab.</i> 'Invincibelle Spirit II' | BD,BT | \$34 | |
| 15. | Hydrangea - blue | 3gal | <i>Hydrangea serrata</i> 'Blue Billow' | BD,BT | \$34 | |
| 16. | Inkberry | 2gal | <i>Ilex glabra</i> 'Densa' | N,BD,BE,RG | \$20 | |
| 17. | Winterberry | 3gal | <i>Ilex verticillata</i> | N,BD,RG | \$32 | |
| 18. | Holly - Princess | 2gal | <i>Ilex x meserveae</i> 'Blue Princess' | BD,D | \$21 | |
| 19. | Holly - Prince | 2gal | <i>Ilex x meserveae</i> 'Blue Prince' | BD,D | \$21 | |
| 20. | Mountain Laurel | 2gal | <i>Kalmia latifolia</i> 'Pink Charm' | N,BD,BE,RG | \$29 | |
| 21. | Japanese Andromeda | 2gal | <i>Pieris japonica</i> 'Avalanche' | BE,D | \$26 | |
| 22. | Beach Plum | 2gal | <i>Prunus maritima</i> | N,BD,BE,BT | \$25 | |
| 23. | Swamp Rose | 2gal | <i>Rosa palustris</i> | N,BD,BE,BT,RG | \$21 | |
| 24. | Pussy Willow | 2gal | <i>Salix discolor</i> | N,BD,BE,BT,RB,RG | \$22 | |
| 25. | Elderberry | 2gal | <i>Sambucus nigra</i> 'Black Lace' | BD,BE,BT,RB,RG | \$26 | |
| 26. | Lilac | 3gal | <i>Syringa vulgaris</i> 'Yankee Doodle' | BT,D | \$33 | |
| 27. | Lowbush Blueberry | 1gal | <i>Vaccinium angustifolium</i> 'Brunswick' | N,BD,BE,BT,RG | \$18 | |

| GRASSES | | | CODES | | PRICE | QTY | TOTAL |
|---|-----------------------------|-------------|--|---------------------------|----------------|-----|-------|
| 28. | Big Bluestem | 2gal | <i>Andropogon gerardii</i> 'Red October' | N,BD,BT,D | \$16 | | |
| 29. | Blue Grama | 2gal | <i>Bouteloua gracilis</i> 'Blonde Ambition' | N,BD,BT,D | \$16 | | |
| 30. | Japanese Sedge | 8" | <i>Carex Evercolor</i> 'Eversheen' | D | \$13 | | |
| 31. | Dwarf Tufted Hairgrass | 1gal | <i>Deschampsia cespitosa</i> 'Pixie Fountain' | N,BD,BT | \$12.50 | | |
| 32. | Festuca | 1gal | <i>Festuca</i> 'Beyond Blue' | D | \$10.50 | | |
| PERENNIALS Note: #33 includes one butterfly weed, turtlehead, bottle gentian, cardinal flower and brown eyed susan | | | | | | | |
| 33. | Pollinator Package | plug | 5 pollinator-friendly perennials | N,BD,BE,BT,HM | \$14.50 | | |
| 34. | Swamp Milkweed | 2gal | <i>Asclepias incarnata</i> | N,BD,BT,D,HM,M,RG | \$14 | | |
| 35. | Butterfly Weed | 1gal | <i>Asclepias tuberosa</i> 'Hello Yellow' | N,BD,BE,BT,D,HM,M,RG | \$13 | | |
| 36. | New England Aster | 2gal | <i>Aster novae-angliae</i> 'Vibrant Dome' | N,BT,RG | \$14 | | |
| 37. | Blue False Indigo | 1gal | <i>Baptisia australis</i> | N,BD,BE,BT,D,M,RG | \$11 | | |
| 38. | Bell Flower | 1gal | <i>Campanula carpatica</i> 'White Clips' | BE,BT,HM,MG | \$8 | | |
| 39. | Clematis | 8" | <i>Clematis</i> 'Cherokee' | | \$24 | | |
| 40. | Pinks | 1gal | <i>Dianthus</i> 'Apple Slice' | BT,D | \$10.50 | | |
| 41. | Coneflower | 2gal | <i>Echinacea purpurea</i> 'Ruby Star' | N,BD,BE,BT,D,HM,M,RG | \$14 | | |
| 42. | Dwarf Joe Pye Weed | 2gal | <i>Eupatorium dubium</i> 'Little Joe' | N,BE,BT,M,RG | \$14 | | |
| 43. | Geranium | 1gal | <i>Geranium maculatum</i> | N,BD,BE,BT,M,RG | \$12 | | |
| 44. | Geum | 1gal | <i>Geum</i> 'Banana Daiquiri' | | \$8 | | |
| 45. | Coral Bells | 8" | <i>Heuchera</i> 'Delta Dawn' | | \$14.50 | | |
| 46. | Hosta | 8" | <i>Hosta</i> 'Rainbow's End' | | \$17 | | |
| 47. | Daisy | 8" | <i>Leucanthemum superbum</i> 'Spoonful of Sugar' | | \$13 | | |
| 48. | Blue Cardinal Flower | 1gal | <i>Lobelia siphilitica</i> | N,BE,BT,HM,M,RG | \$10.50 | | |
| 49. | Bee Balm | 2gal | <i>Monarda didyma</i> 'Jacob Cline' | N,BD,BE,BT,HM,M,RG | \$14 | | |
| 50. | Beardtongue | 1gal | <i>Penstemon digitalis</i> 'Husker Red' | N,BD,BT,HM,M,MG,RG | \$10.50 | | |
| 51. | Russian Sage | 1gal | <i>Perovskia atriplicifolia</i> 'Blue Jean Baby' | D,HM | \$8 | | |
| 52. | Jacob's Ladder | 1gal | <i>Polemonium R.</i> 'Stairway to Heaven' | N,BE,BT,RG | \$10.50 | | |
| 53. | Brown Eyed Susan | 2gal | <i>Rudbeckia triloba</i> | N,BD,BE,BT,M,RG | \$14 | | |
| 54. | Salvia | 1gal | <i>Salvia nemerosa</i> 'Snowhill' | BT,D,HM,MG | \$8 | | |
| 55. | Pin Cushion Flower | 1gal | <i>Scabiosa caucasica</i> 'Butterfly Blue' | BD,BE,BT,D,HM | \$8 | | |
| 56. | Ironweed | 1gal | <i>Veronia</i> 'Iron Butterfly' | N,BT | \$10.50 | | |
| KITCHEN | | | | | | | |
| 57. | Blueberries (set of 3) | 1set | <i>Vaccinium</i> - 1gal ea: early, mid, late | BD,BE,BT | \$35/set | | |
| 58. | Lemongrass | 1gal | <i>Cymbopogon citratus</i> annual | | \$8.50 | | |
| 59. | Fernleaf Lavendar | 1gal | <i>Lavandula pinnata</i> annual | | \$8.50 | | |
| 60. | Spearmint | 1gal | <i>Mentha spicata</i> perennial | | \$8.50 | | |
| 61. | Mosquito Plant | 1gal | <i>Pelargonium citrosa</i> annual | | \$8.50 | | |
| 62. | Chile Pepper | 1gal | <i>Pepper</i> 'Ancho Poblano' annual | | \$8.50 | | |
| 63. | Black Raspberry | 2gal | <i>Rubus occidentalis</i> 'Jewel' per. | | \$21 | | |
| 64. | Strawberries | 25 | 'Brunswick' (25/bundle-bareroot) per. | BE,BD | \$8 | | |
| 65. | Pineberry Collection | Set | 15 Pineberry-15 Sonata straw. | Bareroot perennial | \$30 | | |
| MISC. | | | | | | | |
| 66. | Barley Straw | bale | | | \$30 | | |
| 67. | Fertilizer Tabs | | Use 1-2 per plant every 2 years | Instructions inc. 10/\$4 | 25/\$8 | | |

Orders must be postmarked no later than April 5, 2017.

Items #5 & #6 postmarked no later than March 10, 2017

Make a copy of completed order form for your records.

Questions? Call: 860-319-8806

or email: kate.johnson.eccd@comcast.net

For additional information on the ECCD Plant Sale, please visit our website at: www.ConserveCT.org/eastern

Page 2 Total \$ _____

Page 1 Total \$ _____

Donation to ECCD (tax deduct.) \$ _____

Only check or cash accepted. Total Enclosed \$ _____

Please make check payable to, and send with order to:

Eastern Connecticut Conservation District (or ECCD)

238 West Town Street, Norwich, CT 06360

Stormwater Management – Small Municipal Separate Storm Sewer Systems

The new Small Municipal Separate Storm Sewer System (MS-4) permit, issued by the State of Connecticut, goes into effect in 2017. This permit, which is issued by the Connecticut Department of Energy and Environmental Protection (CT DEEP), regulates nonpoint source pollutants (NPS) contained in stormwater run-off from urbanized areas. Nonpoint source pollutants, such as sediment, vehicular and industrial chemicals, chemical fertilizers, nutrients derived from animal and human waste, pathogens, herbicides and pesticides, are ubiquitous throughout the landscape and are mobilized by rainfall and snowmelt, by which they are transported into nearby waterways. These pollutants can degrade water quality, making it unsafe for drinking and swimming and unhealthy for aquatic wildlife. The goal of the MS-4 program is to reduce or eliminate NPS pollutants, making our local waters cleaner and healthier for people and wildlife.

The Clean Water Act, adopted by Congress in 1972 and revised in 1987, established a program called the National Pollutant Discharge Elimination System (NPDES). The purpose of the NPDES program is to reduce pollution associated with stormwater runoff into national waterways. The MS-4 permit program is part of the larger NPDES program, and is intended to reduce stormwater pollution from urbanized areas, which are defined by the federal Census Bureau. One-hundred-twenty-one (121) towns in Connecticut are subject to the MS-4 permit program, including nineteen (19) towns in eastern Connecticut.

The new MS-4 permit, which goes into effect on July 1, 2017, will require participating towns to develop and implement a stormwater management plan (SWMP), and monitor select stormwater outfalls and receiving streams once a year during a rainstorm. The stormwater management plan contains information on existing municipal stormdrain systems, and provides proposed best management practices (BMPs) intended to "...reduce and/or eliminate the discharge of pollutants through the storm sewer system to the maximum extent practicable..." (CT DEEP MS-4 Fact Sheet 2016). The proposed BMPs in the stormwater management plan are called Minimum Control Measures, and include: public education and outreach, public participation, illicit discharge detection and elimination (IDDE), construction stormwater management, post-construction stormwater management, and pollution prevention and good housekeeping.

If you are a municipality implementing the new MS-4 permit, ECCD can help. Contact us at 860-319-8806.

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ECCD is Planting for Pollinators

The Eastern Connecticut Conservation District owns and conserves an 86 acre parcel of land in Brooklyn, CT. It is a combination of forest and open fields maintained in hay. The hay fields are leased to a local farmer. As commonly happens over time, the edges of the fields became overtaken with invasive plants, including autumn olive, bittersweet vine, multi-flora rose and winged euonymus. With funding support through a USDA Natural Resources Conservation Service (NRCS) Conservation Stewardship Program (CSP) grant, ECCD staff have been working hard to remove the invasive plants, and will replace them with native plants that will support pollinators in spring 2017.

Are you an agricultural producer interested in the NRCS CSP? Check out USDA NRCS's new CSP portal at <http://www.nrcs.usda.gov/csp>.

What's Happening at the Thames River Basin Partnership?

TRBP was recently presented with an award for **Outstanding Source Water Protection** by The Atlantic States Rural Water and Wastewater Association at their annual meeting held in February 2017. ECCD serves as a core member of the TRBP.

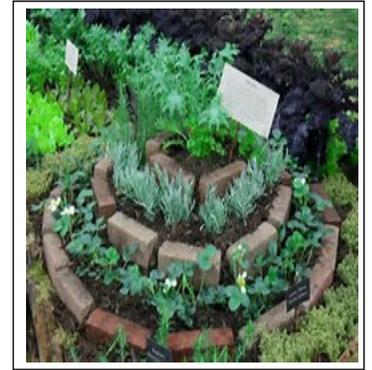
SAVE THE DATE!

The 17th Annual Thames River Basin Partnership Floating Workshop is scheduled for June 9, 2017.

The workshop will feature completed and ongoing projects in the Little River National Water Quality Initiative watershed located in Woodstock/Putnam.

Spiral Gardens - A Fun Gardening Idea!

Short of space, or looking to give your yard an appealing boost, consider a **spiral garden**. With a few supplies and an afternoon outdoors (or maybe a weekend!) you can create a garden that is uniquely yours. Spiral gardens offer a great dimension to your yard, and require less bending to tend them. There are many designs and instructions available online, or feel free to let your imagination spiral!



2016-17 ANNUAL APPEAL

This year's Annual Appeal is currently under way. We extend our sincere thanks and appreciation to those of you who have already donated. Anyone wishing to donate may do so by sending your tax-deductible donation to:

**Eastern Connecticut Conservation District
238 West Town Street, Norwich, CT 06360.**

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Special Recognitions at ECCD's 2016 Annual Meeting

The following people were honored at the Annual Meeting of the Eastern Connecticut Conservation District, held on October 12, 2016. Our sincere thanks to all of you for your tremendous support of conservation!

This year's award winners are:

Frito Lay - Killingly Green Team – Project Support Award
Community Outreach in Conservation

**Heather Belanger, Coordinator; Kathy Gendreau, Louise Kaskela,
Jason Shaw, Art Hamel, Frank Grimshaw and Pete Pavone**

Elm Farm, Woodstock - Innovative Farm Project Award
Aerated Composter for Dairy Mortalities, **Matt Peckham, owner**

Rick Potvin - TRBP Floating Workshop Champion Award
Appreciation for "Saving the Day" with a Boat from Westbrook

Lisanne Tholl – Watershed Workhorse Award
Water Quality Data Management

Jennifer Kaufman, Town of Mansfield – Municipal Partner Award
Municipal Support for Colonial Townhouse Project

Abby Piersall, Town of Waterford – Municipal Partner Award
Municipal Support for Mago Point Tree Filter Project

Katrina Mattern & Daryll Chamberland - Project Partner Award
Colonial Townhouse Staff - Partnership in Improving Water Quality in the Natchaug River

Mirian Guzman & Joel Colburn – Project Partner Award
Moosup Rain Garden Staff - Partnership in Improving Water Quality in the Ekonk Brook



Pictured in photo from left to right: Katrina Mattern, Louise Kaskela, Heather Belanger, Abby Piersall and Matt Peckham,.

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ECCD serves the Towns of Andover, Ashford, Bozrah, Brooklyn, Canterbury, Chaplin, Columbia, East Lyme, Eastford, Franklin, Griswold, Groton, Hampton, Killingly, Lebanon, Ledyard, Lisbon, Mansfield, Montville, New London, North Stonington, Norwich, Plainfield, Pomfret, Preston, Putnam, Scotland, Sprague, Sterling, Stonington, Thompson, Union, Voluntown, Waterford, Windham and Woodstock.



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2017
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Like us on Facebook at
 Eastern Connecticut Conservation District
 and receive updates on ECCD activities.

2017 ECCD PLANT SALE
The postmark deadline for plant orders is April 5th
** with March 10 early deadline for Concolor and Fraser Fir seedlings **
See order form on pages 7 & 8.



Eastern Connecticut Conservation District, Inc.
 A non-profit Natural Resource Conservation Organization
www.ConserveCT.org/eastern

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