

Northwest Conservation District

Dedicated to the conservation and sustainable use of local natural resources

Earth Day Plant Sale



Native
Plants

Trees

Evergreen
Seedlings

Shrubs

Grasses

Berries

Perennials

Groundcover

April 23,24,25 2010

Beautify your Landscape and Support Conservation

Welcome to our 28th Annual Earth Day Plant Sale !

*Sit back, relax and and plan your landscape.
Look inside for the best plants for your garden, our native wildlife and environment.
Mail us your order and then join the fun at the Goshen Fair Grounds on Rt 63.*

Fri, April 23 from 9-6 * Sat, April 24 from 9-4 * Sun, April 25 from 10-3

The Northwest Conservation District is a non-profit environmental organization dedicated to the conservation and sustainable use of local natural resources. We serve towns and residents by providing technical assistance and a wide range of educational programs designed to promote a conservation ethic and wise land use planning. We are working every day to protect our soil & water resources, wildlife habitat, to preserve farmland and open spaces and to promote energy conservation, efficiency and the use of clean renewable energy.

Celebrate Earth Day's 40th Anniversary at our **Earth Day Plant Sale!**

The trees and shrubs you plant produce a healthier environment. They provide homes for wildlife, clean the air, slow down global warming, cut energy costs, improve water quality, reduce soil erosion and flooding, plus beautify your landscape and your community.

For plant PHOTOS and more info, visit www.conservect.org/northwest or www.hort.uconn.edu or search by Latin name. Our plant list includes many of the most important native plants and no invasive species. We also include some dependable ornamentals with properties that you will appreciate. Plant details provided as supplied by the grower or nursery.

The Earth Day Plant Sale is our main fundraising event. All proceeds are used for conservation, environmental education and technical assistance. We are very grateful for your continued support.

Customers who preorder will be invited to our early opening for the best selection of perennials and other plants. At the event, your order will be carefully set aside and ready for pick up. **Are you looking for a special plant? We can arrange SPECIAL ORDERS by phone or email if completed before April 1st.**

Complete Planting Directions, Gardening Books and Displays will be available at the event. Master Gardener graduates will be on hand to answer your gardening questions. Keep a copy of your order form for your records. We will mail your Order Confirmation and directions in early April.

Plant Hardiness Zones *Lower=colder, Higher=warmer*

Gardening Zones in Connecticut range from Zone 6a along the shore to Zone 5b in the Northwest corner depending on elevation, wind exposure and other factors. Choose plants that can overwinter in your zone or lower.

How to Test Your Soil www.soiltest.uconn.edu

The UConn Soil Nutrient Analysis Lab is set up to do soil testing for the home gardener. It's simple and only \$8 for a standard nutrient analysis. Just collect and mix samples from several spots in your planting site. Put about one cup in a Ziploc Bag and mail to the lab-6 Sherman Place, U-5102, Storrs, CT 06269-5102. The lab phone is 860 486 4274 or toll free at 877 486 6271.

Please join us as a VOLUNTEER

You'll have a great time meeting and working with other gardeners while contributing to local conservation ! Sign up on the order form, send an email or call. Many Thanks ! jeancronauer@conservect.org

Northwest Conservation District www.conservect.org 860 626 7222
28th EARTH DAY PLANT SALE * ORDER DEADLINE Tuesday April 6, 2010
 Pick up at Goshen Fair Grounds on Friday, Saturday or Sunday, April 23 - 24 - 25, 2010

Please Print: Name _____

Address _____

Town _____ Zip _____ Phone _____

email _____

Item	Bare Root EVERGREEN SEEDLINGS Perfect for screening, borders, Christmas Tree or ornamental use.		25 Seedlings	1 bundle \$30	4 or more \$25 each	Total
1	Colorado Blue Spruce	3 year seedlings	8-16 in			
2	Norway Spruce	4 year seedlings	12-24 in			
3	Canaan Fir	4 year seedlings	10-16 in			
4	Balsam Fir	4 year seedlings	10-18 in			
5	Austrian Pine	3 year seedlings	10-20 in			

NATIVE SHRUBS for Wildlife * ORNAMENTALS to Enhance Your Landscape

	Please refer to plant descriptions enclosed and photos online.	Gallons	Price	Quantity	Total
6	Bottlebrush Buckeye <i>Aesculus parviflora</i>	2	\$28		
7	Rainbow Pillar Shadblow <i>Amelanchier canadensis</i>	3	\$30		
8	Red Chokeberry <i>Aronia arbutifolia</i> 'Brilliantissima'	3	\$28		
9	Sparkler Azalea <i>Azalea viscosum</i> 'Sparkler'	2	\$23		
10	Miss Ruby Butterfly Bush <i>Buddleia</i> "Miss Ruby"	3	\$25		
11	Sweetshrub <i>Calycanthus floridus</i>	2	\$22		
12	Buttonbush <i>Cephalanthus occidentalis</i>	2	\$23		
13	Leatherleaf <i>Chamaedaphne calyculata</i>	1	\$16		
14	Vanilla Spice Summersweet <i>Clethra alnifolia</i>	2	\$23		
15	Bailey's Red Twig Dogwood <i>Cornus sericea</i>	3	\$28		
16	Copper Honeysuckle <i>Diervilla ionicera</i>	2	\$24		
17	Red Veined Enkianthus <i>Enkianthus campanulatus</i>	3	\$32		
18	Red Licorice Fothergilla <i>Fothergilla major</i>	2	\$26		
19	Witchhazel <i>Hammamelis vernalis</i>	3	\$26		
20	Blue Satin Rose of Sharon <i>Hibiscus syriacus</i> 'Marina'	3	\$30		
21	Incrediball Hydrangea <i>Hydrangea arborescens</i> 'Abetwo'	3	\$28		
22	Amethyst Oakleaf Hydrangea <i>Hydrangea quercifolia</i>	8 inch pot	\$28		
23	Sunny Boulevard St Johnswort <i>Hypericum kalmianum</i> 'Deppe'	2	\$23		
24	Berry Nice Winterberry <i>Ilex verticillata</i> 'Spriber'	3	\$28		
25	Jim Dandy Winterberry <i>Ilex verticillata</i>	2	\$22		
26	Henry's Garnet Itea <i>Itea virginica</i> 'Henry's Garnet'	3	\$32		

	Please refer to plant descriptions enclosed and photos online.	Gallons	Price	Quantity	Total
27	Nathan Hale Mountain Laurel <i>Kalmia latifolia</i>	3	\$35		
28	Sarah Mountain Laurel <i>Kalmia latifolia</i>	5	\$70		
29	Spice Bush <i>Lindera benzoin</i>	1	\$16		
30	Bayberry <i>Myrica pensylvanica</i>	2	\$22		
31	Summer Wine Ninebark <i>Physocarpus opulifolius 'Seward'</i>	3	\$28		
32	Rosebay Rhododendron <i>Rhododendron 'Maximum Independence'</i>	2	\$28		
33	Chionides Rhododendron <i>Rhododendron 'Chionides'</i>	3	\$32		
34	Mango Tango Potentilla <i>Potentilla fruticosa</i>	3	\$26		
35	Pussy Willow <i>Salix discolor</i>	3	\$28		
36	Lilac Sunday Lilac <i>Syringa x chinensis 'Lilac Sunday'</i>	2	\$25		
37	Summer Snowflake Viburnum <i>Viburnum plicatum x tomentosum</i>	3	\$30		
38	American Cranberry Viburnum <i>Viburnum trilobum 'Wentworth'</i>	3	\$30		
39	Blue Blaze Viburnum <i>Viburnum dentatum 'Blue Blaze'</i>	2	\$25		
ORNAMENTAL and FRUIT TREES, BERRIES, GRASSES, GROUNDCOVER					
40	Autumn Flame Maple <i>Acer rubrum</i>	7 gallon	\$75		
41	Pagoda Dogwood <i>Cornus alternifolia</i>	5	\$72		
42	Eastern Red Cedar <i>Juniperus virginiana</i>	3	\$35		
43	Moonglow Magnolia <i>Magnolia virginiana</i>	7	\$95		
44	Macoun Apple <i>Malus Macoun</i>	7	\$48		
45	Cortland Apple <i>Malus Cortland</i>	7	\$48		
46	Reliance Peach <i>Prunus Reliance</i>	7	\$48		
47	Red Bartlett Pear <i>Pyrus</i>	7	\$48		
48	Blueberries - set of 3 potted plants for early, mid and late season berries	2 gallon	\$30		
49	Honeyoye Strawberries - bundle of 25 bareroot plants	25	\$12		
50	Caroline Red Raspberries - set of 10 large bareroot plants	10	\$20		
51	Millenium Asparagus - bundle of 25 bareroot plants	25	\$15		
52	Ruby Ribbons Switchgrass <i>Panicum x Ruby Ribbons</i>	2 gallon	\$20		
53	Golden Hakone Grass <i>Hakonechloa macra 'Aureola'</i>	8 inch	\$20		
54	Pachysandra Groundcover - flat with 100 well rooted plants	100	\$25		
55	Periwinkle Groundcover - huge bundle of 100 bareroot plants	100	\$48		
YES	Volunteers are the lifeblood of this major conservation event. Many jobs are available. Please include your email and/or phone contact on reverse. I can volunteer 2-3 hours during the week of April 18-25. The best day or time for me is:				
PLEASE ORDER EARLY !!! You will get the best selection and the best service. Checks to NCD, no sales tax. Mail to NCD, 1185 New Litchfield St. Torrington, CT 06790 Phone 860 626 7222 * Fax 860 626 8833				Total enclosed \$	

EVERGREEN SEEDLINGS

N=Native B=Buffer S=Sun PSh=Part Shade Sh=Shade Z=Zone

- 1. Colorado Blue Spruce** *Picea pungens* Z3 Mature 30-60' t x 20-30' w
Superb color ranges from blue-green to silvery blue, excellent shape and growth rate. Deer resistant.
- 2. Norway Spruce** *Picea abies* Z3 Mature 40-60' t x 25-30' w
Fastest growing spruce. Short-needed tree with deep green color. Branches develop a graceful, weeping pattern at maturity.
- 3. Canaan Fir** *Abies balsamea 'phanerolepis'* Z4 Mature 50' t x 20-30' w
Beautiful Christmas or ornamental specimen. Later bud break protects it from spring frosts.
- 4. Balsam Fir** *Abies balsamea* Z3 Mature 50' t x 20-25' w
One inch needles have excellent fragrance and retention. Prefers cool, moist sheltered locations.
- 5. Austrian Pine** *Pinus nigra* Z4 Mature 50' t x 30' w
Beautiful dark green, long-needed Christmas, ornamental and windbreak tree. Extremely hardy tolerates poor or dry soils, roadside salt, air pollution. Sturdy branches appear tipped by candles.

SECRETS of SUCCESS: Seedlings are fragile and need to be planted ASAP. Be prepared to keep your bare root plants cool and their roots moist until planting. One person can easily plant 100 tree seedlings in a day. Clear the planting area and prepare the soil beforehand. Controlling weeds and vigilant regular watering are essential to give your trees a good start.

NATIVE & ORNAMENTAL SHRUBS

- 6. Bottlebrush Buckeye** - N, B, S, Z5 Mature 8-10' t x 8-10' w
Attractive large shrub with mounding habit and pyramidal white flower clusters in July and August.
- 7. Rainbow Pillar Shadblow** - N, S, PSh, Z4 Mature 14-16' t x 6-8' w
Fantastic compact form of Shadblow. Works as hedge or specimen. White flowers in April, Deep green mildew resistant foliage, dark purple berries to delight local birds. Breathtaking fall foliage turns yellow, to orange to fiery red.
- 8. Red Chokeberry** - N, B, S, PSh, Z4 Mature 6-10' t x 3-5' w
This versatile native tolerates wet soils and offers dark, shiny foliage with profuse white flowers in May. Brilliant red persistent berries are a delicacy for many of our most prized bird species.
- 9. Sparkler Azalea** - N, B, PSh, Z4 Mature 5-7' t x 6-8' w
Beautiful native woodland treasure! Deep pink, extremely fragrant flowers fill the air with their amazing aroma in late June. Orange and red autumn color. Adaptable to wet, even boggy soils.
- 10. Miss Ruby Butterfly Bush** - S, Z5 Mature 4-5' t x 3-4' w
Dense, branching habit and shimmering silver foliage. Vivid, rich pink blooms with striking red eye makes this Buddleia unique. A true magnet for butterflies and hummingbirds.
- 11. Sweetshrub** - N, B, S, Z4 Mature 6-9' t x 6-9' w
This easy to grow, trouble free plant is perfect for your shrub border. Fragrant, red-chocolate colored frilly blooms in May.
- 12. Buttonbush** - N, B, S, PSh, Z5 Mature 5-10' t x 4-7' w
Essential native plant for wildlife. Tolerates wettest of soils. Glossy green foliage with globe shaped white flower heads that appear in June are loved by bees and butterflies. Flower heads remain through winter for ground feeding birds.
- 13. Leatherleaf** - N, B, Sh, PSh, Z2, Mature 2-4' t x 4-5' w
Forms a dense spreading thicket giving cover and nesting for a myriad of native critters. Bell shaped white flowers from April-June have delicate scent and provide larval food for many butterflies.
- 14. Vanilla Spice Summersweet** - N, B, Sh, PSh, Z4 Mature 3-6' t x 3-6' w
This "must grow" native shrub offers lustrous deep, dark green foliage and long fragrant white flower spikes in July that attract butterflies. Prefers shade and tolerates moist soil conditions.

Many Thanks

for your generous response to our Membership Appeal

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1185 New Litchfield St
Torrington, CT 06790

www.conservect.org



40 years of EARTH DAYS clean water, clean air, clean energy

Since the first Earth Day on April 22, 1970, we have made significant progress in environmental protection and yet so much remains to be done. The challenges presented by Global Climate Change impacts on natural resources and ecosystems will clearly be the primary focus for this new decade. We at NCD are working to promote Energy Conservation and Efficiency plus the conversion to Clean Sustainable Energy.

Here in Connecticut both the Clean Energy Fund (CCFE) and the Energy Efficiency Fund (CEEF) Programs have made a real difference toward educating and motivating energy conservation with rebates and incentives. They are funded by a surcharge on our utility bills that was dedicated to efficiency. However, we need to pay close attention and speak up on an effort in the Governor's proposed budget to take at least 37% of these funds over the next ten years in order to help close the revenue gap. This proposal turns utility bills into a state tax collection vehicle.

Here's a status update on some Clean Energy Fund programs as of early February, 2010:

- The very popular Solar Lease Program is scheduled to close soon. The Residential Rebate Program is still available, although those funds may go quickly when the lease program finally closes. Rebates are less generous than in past years (maximum of \$15,000 for the largest systems), but when combined with a federal tax credit of 30% of homeowner's out-of-pocket costs, can make a solar PV installation cost effective.
- A new Solar Thermal Incentive Program was launched this year, allowing home and business owners to save money on heating their domestic hot water (DHW). There are no rebates for using solar thermal for home heating. Incentives are based on system efficiency and can range from \$2400 to \$4800 depending upon the number of household members. Combined with a 30% federal tax credit, payback can be fast.
- The CCEF also recently launched a new Geothermal Heat Pump Incentive. Although very efficient for home heating, these systems are costly to install and so in most cases more appropriate for new construction, or to replace a wasteful system like electric space heating. Those interested in installing a geothermal system should keep in mind that although they will be liberated from their carbon fuel bills, they will need more electricity to run the pumps and compressors of the geothermal system. If you are looking for help installing renewable energy sources, check often for news or changes at www.ctcleanenergy.com See next page.

NCD Board Welcomes Ray Furse

Ray Furse is an independent renewable energy consultant and a designer and integrator of solar electric (PV) systems for residential and small commercial clients. Following service in the US Navy as a helicopter crewman specializing in avionics and antisubmarine warfare, Ray graduated magna cum laude from the University of California at Santa Barbara in English and Asian Studies. He went on to graduate work at the University of Chicago in the Department of East Asian Languages and Literatures, and has long been interested in early civilizations, archaeology, and the relationship between humans and their environment.

His subsequent career as an editor and publisher of books on East Asian cultures and civilizations took a decided turn in 2004 when he became an early partner in a solar installation company that evolved into the largest renewable energy plant installer in the northeastern United States. Over the past five years Ray has personally designed and overseen the installation of more than 75 solar PV systems in Litchfield County totaling over 400 kilowatts.

Ray established the Warren Clean Energy Task Force and has supported similar groups in surrounding towns with talks and consultation. He is member of the Round Table of Build Green Professionals and regularly presents workshops on solar PV and solar thermal technologies, costs, and benefits, and especially on state and federal support programs for renewable energy. As a natural extension of these activities for the past few years Ray has assisted the Northwest Conservation District energy education efforts.

NCD Partners with Alcoa

NCD recently was awarded a \$20,000 grant from Alcoa Foundation to support our work promoting energy conservation and more sustainable living. We are extremely pleased to continue our partnership with Alcoa Howmet of Winsted, an energetic local leader in green initiatives.

The Alcoa Partnership will help us to present more regional Energy Expos with learning opportunities and exhibits for local residents. We are especially committed to providing services that increase the success of town energy committees by giving them easy access to the tools, resources and networking opportunities needed.

Another part of the grant will help local libraries enhance their science collections and support exciting summer reading programs for families around the themes of climate change and sustainable energy. These will be directed by the libraries in Winsted, Torrington and Burlington. Contact the libraries to take part in these programs.

About Alcoa Foundation

Alcoa Foundation is a separately constituted nonprofit U.S. corporate foundation with assets of approximately \$500 million. Its mission is to actively invest in the quality of life in Alcoa communities worldwide. Throughout its history, the Foundation has been a source of positive community change and enhancement, with nearly \$466 million invested since 1952.

continued from previous page:

- **And always remember CONSERVATION FIRST! Before spending money to make more energy, you should first consider ways to use less. Compact fluorescent bulbs, energy efficient appliances, and adding insulation where needed will all help trim your energy bills. Go on-line to the CT Energy Efficiency Fund or call 1-877-947-3873 to schedule a Home Energy Assessment. It costs \$75, and will be the best energy investment you ever made.**

GIS Center News

Michael Morin, NCD staff cartographer, is assisting a variety of clients with maps, data and analyses which suit their project needs. In late 2009 the GIS Center completed a set of maps produced for the Town of Winchester. The fourteen (14) map set was part of Winsted's Plan of Conservation and Development. The maps will allow citizens to understand, prioritize and conserve local natural resources.

Recently, the GIS Center assisted First Light Power Resources (FLPR), owner and operator of a diverse portfolio of predominantly hydro-generation facilities in Connecticut and Massachusetts, with updates to maps and analyses for their most recent Shoreline Management Plan (SMP). We also assisted the Town of Litchfield with updates to, and maps of, their Official Zoning Map.

The GIS Center continues to provide involvement and map support to the Upper Housatonic Valley National Heritage Area as this group and NCD are working toward establishing a multi-use recreational trail along the Housatonic River from the Massachusetts state line to New Milford, Connecticut. The group has received a 2 yr. Technical Assistance Grant from the National Park Service and is applying for a \$10,000 grant from Bikes Belong, a bicycle advocacy group. The money would be used for field work, mapping, and education.

The NCD website and GIS section got a new look in the fall of 2009. You will find useful information and the ability to use some online mapping tools. (go to <http://conservect.org/northwest> click on GIS Mapping Center)

2010 looks to be another busy year for the GIS Center delivering map support for many of our towns as well as our own field work projects. Call us to discuss your mapping needs.

SPRING TROUT STOCKING



This April we are again offering 9-11' adult Rainbow and Brook Trout for delivery to your pond or stream. Stocking provides a great chance to return or improve the ecological balance in your pond. Trout are rewarding to feed and observe, catch and release or enjoy as delicious fresh fish. Children love the experience.

We will obtain all DEP liberation permits for you and provide order confirmation. The deadline for orders is April 6th and the trout will be delivered on Saturday, April 17 or Sunday April 18, 2010. The minimum order of 50 fish is \$280, with a delivery charge of \$30. You may purchase additional fish in increments of 25 for \$130. The delivery schedule is set by the hatchery. For delivery, please provide detailed directions with a map or sketch to your property from the nearest road. **Order form at www.conservect.org**

15. **Bailey's' Red Twig Dogwood** – N, B, S, Z2 Mature 6-8' t x 9-10' w Native beauty with white flowers in May followed by whitish blue fruit Red-purple fall color and stunning red twig color against the snow. Tolerates poor soils, wet areas. Prune old growth each year to foster winter color.
16. **Copper Low Bush Honeysuckle** - N, B S, PSh, Z3 Mature 2-3' t x 3-4' w Prized for its nectar-filled yellow flowers and dry fruit capsules for birds in fall/winter. Stunning copper red foliage.
17. **Red Veined Enkianthus** - S, Z4 Mature 6-8' t x 5-6' w Perfect for sunny border, a strong upright grower with amazing clusters of pink bell shaped flowers. Vivid scarlet fall foliage.
18. **Red Licorice Fothergilla** – N, B, S, PSh, Z4 Mature 5-6' t x 3-4' w Dense, upright shrub with blue green foliage. Prolific, fragrant, snowy-white, exotic flowers in April-May. Striking red fall foliage.
19. **Vernal Witchhazel** – N, B, S, PSh, Z4 Mature 8-10' t x 10-12' w Start Spring with this earliest bloomer producing yellow, very fragrant flowers in February to March. Great for the border or a large accent plant. Excellent yellow fall foliage.
20. **Blue Satin Rose of Sharon** – S, Z5 Mature 8-12' t x 6-10' w Finally, a successful blue Hibiscus! Large, single royal blue flowers with deep colored throats abound in mid to late summer.
21. **Incrediball Hydrangea** - N, S, Z4 Mature 4-5' t x 4-5' w Enormous white globes (4 times the size of 'Annabelle' with 4 times the individual flowers) from July thru summer. Strong, thick stems form a dense rounded plant for full sun and well drained soil.
22. **Amethyst Oak Leaf Hydrangea** – N, PSh Z5, Mature 5-6' t x 5-6' w This Michael Dirr selection has pure white 6' flower cones starting in July that contrast with dark green oak-like leaves. Blooms morph into an incredible wine red shade persisting into autumn.
23. **Sunny Boulevard St Johnswort** - N, S, PSh, Z5 Mature 2-3't x 2-3' w Deep green, willow like leaves with brilliant yellow, daffodil-like flowers from July-September.
24. **Berry Nice Winterberry** - N, B, S, PSh, Z4 Mature 6-8' t x 6-8' w This dense rounded shrub boasts a profusion of the darkest red, shiny berries of any Winterberry. Tolerates wet feet.
25. **Jim Dandy Winterberry** - N, B, S PSh, Z3 Mature 5-7' t x 5-7' w This is an early flowering male-type winterberry pollinator that does not produce berries. To ensure heavy berry production for #24, a pollinator is needed unless there is other winterberry growing nearby in the landscape.
26. **Henry's Garnet Itea** – N, B, S, PSh, Z5 Mature 3-4' t x 5-6' w Native landscape gem with 2-6" long white flowers in June and a reddish purple fall foliage explosion.
27. **Nathan Hale Mountain Laurel** – N, PSh, Z5 Mature 7-8' t x 7-8' w Favorite selection of CT State Flower with striking red buds that open to sweet pastel pink flowers, glossy deep green foliage.
28. **Sarah Mountain Laurel** – N, PSh, Z5 Mature 8-10' t x 6-8' w Dense, rounded form with showy deep red buds that open to deep, pinkish-red flowers, lustrous, deep green foliage. This large 5 gallon size gives your landscape a head start.
29. **Spice Bush** – N, B, PSh, Sh, Z4 Mature 6-10' t x 6-10' w Oval, upright choice with yellow blooms in April provide early season nectar to bees & butterflies. Foliage and stems are aromatic when crushed. Fall brings red berries and showy yellow foliage.
30. **Bayberry** - N, B, S, PSh, Z 3 Mature 5-6' t x 8-10' w Extremely hardy native is a prime wildlife support plant. Quick spreader, tolerates moist or dry soils.
31. **Summer Wine Ninebark** - S, Z3 Mature 4-6' t x 4-6' w Hardy, compact choice with deep reddish-purple foliage and unique white flowers in May - June

32. **Rosebay Rhododendron** – N, B, S, PSh, Z4 Mature 8-12' t x 8-12' w Large, later (June-July) blooming with big dome-like buds opening to massive globes of clear pink flowers.
33. **Chionides Rhododendron** - S, PSh, Z5 Mature 4-5't x 5-6'w Narrow, deep, dark green foliage and big trusses of white flowers with yellow centers open in May.
34. **Mango Tango Potentilla** - S, Z3, Mature 2-3' t x 2-3' w Dense, rounded form covered with 1" diameter orange-red centered flowers in June-July. Edges fade to yellow-orange creating a striking two-toned look. Extremely hardy.
35. **Pussy Willow** – N, B, S, PSh, Z3 Mature 20-25' t x 18-20' w Extremely vigorous native that prefers wet conditions. Early spring catkins provide nectar for our native bees. Leaves are the food source for many of our most colorful butterflies.
36. **Lilac Sunday Lilac** - S, Z3 Mature 10' t x 12-14' w This "Hardy New American Garden" choice is a homeowners dream, without disease or mildew problems. Blooms profusely in May with pale purple, fragrant flowers.
37. **Summer Snowflake Viburnum** - B, S, PSh, Z5 Mature 3-5' t x 3-5' w Very showy choice, compact size for foundation planting or border. Profusion of pure white lacecap like flowers from May right through September followed by berries.
38. **American Cranberry Viburnum** – N, B, S, PSh, Z3 Mature 8-10' t x 8-10' w One of the best viburnums available. Big, fragrant, white flower heads in April-May lead to bright red, persistent berries cherished by birds. Tolerates sun, partial shade, even moist soils and puts on an incredible burgundy-red fall color show.
39. **Blue Blaze Arrowwood Viburnum** - N, B, S, PSh Z4 Mature 5-6' t x 5-6' w Thick, dense compact size, incredibly dark green lustrous foliage with heads of creamy white flowers in May-June providing an outstanding nectar source and deep blue berries that are a prime songbird food source. Purplish-red fall color.

TREES, EDIBLES, GRASSES, GROUNDCOVER

40. **Autumn Flame Maple** - N, S, PSh, Z3, Mature 35-40' t x 35-40' w Deep red flowers in April, medium green leaves provide great shelter and nesting for wide variety of birds. Spectacular fiery crimson fall foliage. Tolerates moisture and even wet feet.
41. **Pagoda Dogwood** - N, S, PSh, Z4 Mature 5-7' t x 6-8' w This native winner thrives in semi-shaded woodlands. Rounded form with deep green leaves and clusters of fragrant, white flowers in May and June. Profuse berries start green to red and black. Outstanding yellow to purple red fall foliage.
42. **Eastern Red Cedar** - N, B, S, PS, Z2 Mature 25-30' t x 10-12' w Upright growing evergreen provides prime wildlife habitat. Great as specimen or tall hedge.
43. **Moonglow Sweetbay Magnolia** - N, S, PSh, Z5 Mature 30-35' t x 30-35'w Large, beautiful specimen, vigorous growing and disease resistant, Moonglow has big deep green foliage as a backdrop to massive creamy-white fragrant flowers all summer followed by red berries.
44. ***Macoun Apple Tree** – S, PSh, Z4 Semi dwarf mid season eating apple. Produces exceptionally high quality fruit that are dark red and firm.
45. ***Cortland Apple Tree** - S, PSh, Z4 Semi dwarf tree with high quality, late season. Fruit is bright red, crisp and slightly tart. Limited quantities on this one, so order early. *Another apple or crabapple species within 100' is needed for good pollination.

46. **Reliance Peach Tree** - S, Z4
Very hardy, ripens in August. Flesh is bright yellow, soft and juicy. Freestone, Self-fertile.
47. **Red Bartlett Pear Tree** S, Z4 Matures in August-September. Very productive. Large, sweet, juicy fruit with deep red skin is good for eating or canning. Can be pollinated by any other non-Asian pear.
48. **Blueberries** B, S, Z4 Set of three plants gives you one early, one mid and one late season bloomer for good cross pollination. Blueberries are bursting with great taste and excellent nutrition. They need acidic soils with pH of 4.5 to 4.8.
49. **Honeyoye Strawberries** - Vibrant x Holiday, S, Z3
An Early Mid Season berry recommended for beginners and home gardeners. This plant, developed at Cornell, has been a top variety for over 20 years. It combines winter hardiness, high productivity, good appearance and color together with an excellent, firm, large berry. Honeyoye freezes well and has high yields over a long fruiting season. Prefers medium to light soil.
50. **Caroline Red Raspberries** - S, Z4, Most productive Everbearer. 5 plants will fill a 10 foot row. Caroline has a larger berry than Heritage with a rich, full and intense flavor.
51. **Millenium Asparagus** - S, Z3, These are large one year old plants. Millenium is a very high yielding, high quality award winning variety developed in Canada. An asparagus patch is a long term investment that will continue to yield abundantly for 15-20 years if given the proper care. Requires sweet soil with pH 7.2. Test and adjust your soil before you plant. Lime may be needed.
52. **Ruby Ribbons Switchgrass** - S, Z4 Mature 4-5' t x 2-3' w
Exciting new Panicum straight from UCONN's breeding program. Summer color is metallic blue with red overtones. Fall color is deep, fantastic red. Plant in groups or singly. Needs sunny spot with well drained soils. "Hardy New American Garden" selection.
53. **Golden Hakone Grass** - PSh, Z5 Mature 10-12" t x 10-12" w
2009 Perennial Plant of the Year. Striking bright yellow leaves with thin green striping and cascading, arching form. Fall shades of pink and red stripes. Prefers partial shade and moist well drained soils.
54. **Pachysandra Groundcover** S, PSh, Z3, *Pachysandra terminalis*, Mature 6-8" tall, widely spreading 12" x 14" flat of 100 well-rooted plants. Best ground cover for deep shade, singularly beautiful. Avoid sites exposed to full sun and wind. Clear weeds and prepare soil before planting.
55. **Periwinkle Groundcover** Bare root S, PSh, Z4, *Vinca minor*, Mature 6-8" t, widely spreading Huge burlap-wrapped bundle of 100 plants, each with 10 to 20 multiple stems. Small, shiny evergreen leaves with charming violet-blue flowers in the Spring. Grows well in shade or sun, valuable to cover hard-to-mow banks or under trees. Plant 1 foot apart. Clear weeds and prepare soil before planting.

PERENNIALS

See full Perennial List on our website: www.conservect.org/northwest. At the sale in April, you will find a selection of over 3000 perennials, including the best native varieties to attract native pollinators, butterflies and birds to your garden. Perennials are not preordered, so come early for the best selection.

Choices will include Achillea, Ajuga, Alcea, Alchemilla, Allium, Anemone, Aquilegia, Armeria, Aruncus, Asarum, Asclepias, Aster, Astilbe, Baptisia, Bellis, Bergenia, Boltonia, Brunnera, Calamintha, Callirhoe, Caltha, Campanula, Cerastium, Chelone, Cimicifuga, 3 varieties of Clematis, Coreopsis, 3 varieties of Delphinium, Dianthus, Dicentra, Digitalis, Doronicum, 3 varieties of Echinacea, Eupatorium, Ferns, Gaillardia, Galium, Geranium, Heliopsis, Helleborus, 8 varieties of Hemerocallis, Heuchera, Hibiscus, 6 varieties of Hosta, 8 varieties of Iris, Lamium, Lavandula, Liatris, Ligularia, Lobelia, Lupine, Mertensia, Monarda, Myosotis, 3 varieties of Paeonia, Papaver, Phlox, Platycodon, Phystostegia, Polygonatum, Pycnanthemum, Rosa, Rudbeckia, Sisyrinchium, Spigelia, Stylophorum, Trollius, Veronia, Veronicastrum and Veronia based on availability.

Roses, Rhubarb and a number of other shrubs will also be available.

Benefits of BUFFERS

by Larry Marsicano & Robin Zitter

If you live on any of our precious lakes, ponds, rivers or streams, buffers really matter to your water quality. According to the US EPA's recently released Draft National Lakes Assessment Report (see www.epa.gov/owow/lakes/lakessurvey/) poor habitat conditions along the lakeshore is one of the two most significant stressors of lakes. The other was high levels of the nutrients nitrogen and phosphorus. Translated... **riparian buffers play an important role in maintaining the ecological well-being of your lake or pond.** What does your buffer look like these days... lawn with an ornamental plant here and there ??? or a mix of trees, shrubs and groundcovers that contribute to good habitat conditions. Buffers reduce the amounts of nutrients, sediments and other pollutants from reaching the water. Plus, they frame and enhance your water view.

The NCD's Earth Day Plant Sale is an excellent opportunity to improve upon the buffer of your lake or pond. The native plants listed in the order form provide a wonderful assortment for many site conditions. Check your site conditions and consider these recommendations:

For **shady, but dry shorelines** consider Sweetshrub (#11), Honeysuckle (#16), Witchhazel (#19), or the Blue Blaze

Viburnum (otherwise known as Arrow-wood viburnum, #39). Mix and match just as nature intended.

For **average soil conditions with ample sun** we suggest Red Chokeberry (#8), Summer Wine Ninebark (#31), American Cranberry Viburnum (#38), or Blueberries (#47). You may consider several set of blueberries to improve both pollination and harvest for blueberry pancakes!

For **moist to wet soils** - two concepts. The first has a red theme which will look terrific especially in winter against a white background - Bailey's Red Twig Dogwood (#15) and the Winterberries (#24 or #25). The other concept promises to please your sense of smell - Sparkler Azalea (#9) and Bayberry (#30). Like the blueberries, planting several of the winterberry or bayberry greatly improves the probabilities of these plants bearing fruit.

Other great resources:

- UCONN Plant Database for information and pictures at www.hort.uconn.edu/plants/index.html.
- Candlewood Lake Authority's Buffer Guidelines at www.candlewoodlakeauthority.org.

Robin Zitter is a landscape designer with expertise in native plants and serves on the Sherman Inland Wetlands and Watercourse Commission.

Larry Marsicano is the Executive Director of the Candlewood Lake Authority, serves on the Board of the Connecticut Federation of Lakes as Vice President, and on our NCD Board.

Morgan Brook Survey

Morgan Brook flows East through Barkhamsted into the Farmington River. The watershed also drains portions of New Hartford and Winchester. According to CT DEP, this stream's water quality has been slowly degrading over the years until, in 2008, it was put on the state list of impaired waterways. It is impaired for recreational use due to bacteria.

This is not surprising considering development patterns in the watershed. Much of Morgan Brook's upper watershed has been developed in a manner that has resulted in a relatively high percentage of impervious surface coverage. Improper stormwater management in the headwaters of a stream can often lead to water quality and/or quantity problems in the lower watershed.

Therefore, this summer NCD will survey the entire watershed and gather detailed information to draft a watershed plan with recommendations for correcting bacteria-related impairments. Depending on what we find and funding available, NCD will design and install stormwater retrofit solutions. Our goal is to make changes to the stormwater and wastewater management practices within the watershed that will reverse the degrading water quality trend and restore the health of this stream.

This project is funded in part by the CT DEP through a US EPA Clean Water Act Section 319 Nonpoint Source Grant.

energy schmooz

Tues Feb 23 at NCD offices in Torrington, 5:30-7:30

A get together for members of your town energy group. Join us for food, learning and networking!

- Introducing a new website and forum designed just for your committee
- Understanding and using the EPA benchmarking tools to measure energy in your town buildings
- How to be a successful task force. Overcoming obstacles and getting results
- How to offset the cost of the clean energy option
- Bring your questions and stories to share.

(snow date...Tues March 2)

register at www.conservect.org

- Find more on these and other local energy stories
- Book Review of [Climate Coverup](#). The misinformation re: Climate Change is no accident, but a well organized campaign funded by big oil & coal etc.
- Range of terrific energy grant applications submitted by local towns for ARRA stimulus funding
- Solar Array completed at Northwestern Regional High School in Winsted
- Optiwind Tower at Klug Dairy Farm in Torrington will be completed this spring
- Washington Supply Company unveils solar demo
- Bonus Pool grant filed by NCD for new Science Technology Center at Housatonic Valley High School

Spring CONSERVATION Calendar 2010

February

- 18-21 CT Flower and Garden Show at Hartford Convention Center 860 844 8461 or ctflowershow.com
20 Kent Environmental Summit, 9-4 at Kent School, Learning, lunch and exhibits. www.kentedrive.org
17 or 27 Forest Resource Roundtables, Shape the future of CT forests. www.ctwoodlands.org
23 Energy Networking & Training for Town Energy Committees, NCD in Torrington 5:30-7:30 register on our website.

March

- 6 Mad Gardener's Annual Symposium at Housatonic Valley Regional High School in Falls Village.
Gardening in Sun and Shade at the Woodland Edge. www.madgardeners.org
9-11 Northeast Sustainable Energy Conference in Boston with everything about Green Building www.nesea.org
11 Science at Night at Western CTSU in Danbury at 7pm: Boating Issues on Candlewood Lake, 860 354 6928
13 Winter Birds & Spring Migrants 2:00 at White Memorial, Litchfield. 567 0857 whitememorialcc.org
11-12 Perennial & Home Gardening Conferences at UCONN, Storrs, 860 486 6448 or donna.ellis@uconn.edu
20 FIRST DAY OF SPRING
27 Travels with a Porcupine 12-3 at White Memorial 567-0875 whitememorialcc.org

April

- 3 **Restore Your Shore ! Establishing a Vegetative Buffer Zone by Rivers and Streams**
Kent School Auditorium from 3-5 with our own Sean Hayden and Kyle Turoczi of Earth Tones
6 Plant Order Deadline for NCD Earth Day Plant Sale
10-11 Home & Business Expo, (Green Theme) Torrington Armory, nwtchamberofcommerce.org
Free evergreen seedlings will be distributed by NCD with the generous support of the Alcoa Foundation.
16 Risks, Rewards and Recreational Liability Conference at NE Utilities, details at www.riversalliance.org or 361 9349
17-18 NCD Trout Delivery - see inside, order by April 6.
22 **40th Anniversary of EARTH DAY, 1970 to 2010.** See list of statewide activities on CT DEP website.
23-25 **NCD EARTH DAY PLANT SALE AT GOSHEN FAIRGROUNDS, 116 Old Middle St, Goshen.** www.conservect.org

May

- 1 Living GREEN Home Show: Environmentally Friendly Products 10-4 at Torrington Armory. www.litchfieldboard.com
20 CT Envirothon: High School Environmental Field Competition at Deer Lake Camp in Killingworth. Volunteers welcome.

June

- 5 Naugatuck River Clean-Up. Meet at 9 at Sullivan Senior Center in Torrington. 489-2221.

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PLANT SALE ORDER FORM INSIDE !
Please share this newsletter with a gardening friend.

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