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# EUGENE PERMACULTURE GUILD NEWSLETTER

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Volume 2, Issue 1

February 2003

## **Gardening in Hard Times**

*By Milton Takei*

My father was an agricultural economist at the University of Hawaii extension service. Born in 1915, he experienced the Great Depression. He once remarked that he thought that people in rural areas fared better in hard times, since they could at least grow food for themselves.

The world economy is currently fragile. Global economic conditions today are different from in past years, because of the fact that Japan has never recovered from the collapse of "the bubble economy." The economies of the United States, the European Union, and Japan are highly interconnected.

The government of Japan has been trying to figure out what to do about the country's troubled banks in case of a massive external shock such as might be caused by trouble in the Middle East. Japan's economic problems could affect the United States through the U.S. government bonds that Japan's corporations hold (see: Akio Mikuni and R. Taggart Murphy, "Why Reforming Japan's Banks Could Ruin the U.S.," *International Herald Tribune*, 2-3 November 2002, p. 6).

So keep up the good work, permaculture folks. In future hard times, people may be asking you for advice on how to grow their own food.

## **the end of war**

*to all the hopefuls*

i touch

and the world is healed  
she dreamed

and felt the lightness of a blade of  
flowering grass brush against  
her human cheek

her ears picked up the faintest rhythms  
of earthworms burrowing delicate  
tunnels  
in the ground beneath her body

belly up to the sun  
in a meadow somewhere  
beautiful

i touch  
and we are connected  
she thought

it is so simple



By Jenya Lemeshow

## A Gardener's ABC's

by Sally Sheklow



**A** is the Azalea soon to bloom lackluster red  
**B** are the Begonia tubers rotting in their bed  
**C** is Callicarpa with its fading purple berries  
**D**'s delightful Daphne and the citrus scent it carries  
**E** is the Euphorbia--looks great all winter long  
**F** is for the Fuchsia tree I pruned completely wrong  
**G**ee, I love Grape hyacinths of which I haven't any  
**H** are five Hydrangeas, don't ask why I have so many  
**I** that sneaky Ivy creeping through my neighbor's fence  
**J** is for the Jasmine which survived my negligence  
**K** my purple Kale plants, first vandalized then stolen  
**L** the lovely Lilac with its buds all plump and swollen  
**M** is for the clumps of Moss where once there was a lawn  
**N** is the New Zealand flax I spent a fortune on  
**O!** Opulent Oxalis, chartreuse shamrocks spreading thick  
**P** poor Pulmonaria looking puny tired and sick  
**Q** is for the flow'ring Quince in coral orange glow  
**R** two Roses still in pots though purchased long ago  
**S** is for the seven packs of Sweet peas I must plant  
**T** one hundred Tulip bulbs resist them? No I can't.  
**U** is Uva-Ursi which sounds nice but I've not tried  
**V**'s Vi-o-lets and Vinca blooming purple side by side  
**W** the Willow tree's benevolent demeanor  
**X** a plant I'd think of if my mind were any keener  
**Y** is for the Yarrow which won't bloom 'til early Fall  
**Z** the Zantedeschia (Calla Lily) and that's all.

*Guy Baldwin, Cortez Is, BC*

Permaculture is a holistic approach to landscape design and human culture. It is an attempt to integrate several disciplines, including biology, ecology, geography, agriculture, architecture, appropriate technology, gardening and community building.

# CALENDAR OF EVENTS

## ❖ MARCH

### Permaculture Certification Course

March 29 - May 11, 2003

A weekend series from end of March to early May, 2003.

\$320-\$400 (\$35/day).

Jude Hobbs and Toby Hemenway main teachers, assisted by Tom Ward and others. Those with pc certification can take section of the course for a moderate day fee.

Call (541) 485-5378 or email [info@eugenepermaculture.org](mailto:info@eugenepermaculture.org)

## ❖ APRIL

### HOPE'S Conference

April 10-13

Annual ecological design conference. The topic this year is Ecological Urbanism.

More information at <http://edc.uoregon.edu>

## ❖ MAY

### Beginning Carpentry for Women

May 4

With Pam Johnson. 10am-5pm. \$30-\$50, bring a bag lunch.

For more information, contact HOPE Farm at (541) 484-7365 or [growing\\_hope@yahoo.com](mailto:growing_hope@yahoo.com)

### Village Building Convergence

May 9-18

Human-Scale Community Action at the Urban Crossroads, in Portland.

Hosted by City Repair. For more information, see <http://www.cityrepair.org>

### Advanced Permaculture Series begins

May 18

Contour Mapping w/Toby Hemenway.

For more information, contact HOPE Farm at (541) 484-7365 or [growing\\_hope@yahoo.com](mailto:growing_hope@yahoo.com) Susun Weed

Tuesday May 27

Susun Weed, one of America's foremost herbalists will give an evening presentation at the Eugene Waldorf School. The cost is \$25 to \$45 sliding scale.

Contact Sherri Brown at (541) 683-5403.

### Wise Water Use series begins

May 25 -Drip irrigation taught by Marcus Larusso.

For more information, contact HOPE Farm at (541) 484-7365 or [growing\\_hope@yahoo.com](mailto:growing_hope@yahoo.com)

### OG Gardening Series begins

May 29

For more information, contact HOPE Farm at (541) 484-7365 or [growing\\_hope@yahoo.com](mailto:growing_hope@yahoo.com)

### Cob Cottage Work Weekend

Date TBA

A weekend at the Cob Cottage Company's location in Coquille. Bring your old clothes and prepare for fun mud adventures!

Contact Joseph at (541) 434-6066

or [permamuse@yahoo.ca](mailto:permamuse@yahoo.ca)

## ❖ JUNE

### Kinship Gardening

June 1

Learn how to design and plant a co-evolutionary botanical garden with Mushroom Kapuler. Noon-6 pm. \$40. Hope Farm.

For more information contact HOPE Farm at (541) 484-7365 or [growing\\_hope@yahoo.com](mailto:growing_hope@yahoo.com)

### Advanced Permaculture Series

June 15

Magic of Bamboo with Rick Valley. Cultivation, varieties and uses of this amazing multifunctional plant. Hope Farm.

For more information, contact HOPE Farm at (541) 484-7365 or [growing\\_hope@yahoo.com](mailto:growing_hope@yahoo.com)

## ❖ JULY

### Permaculture Design

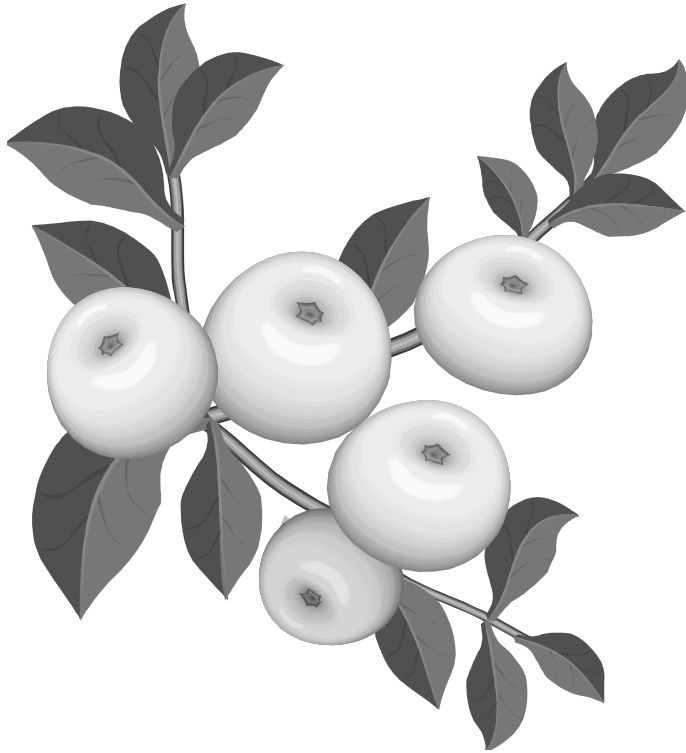
July 13

ABC's of how to organize your home & garden w/ Heather Coburn. Noon-6 pm. \$50. Hands-on and lecture.

For more information, contact HOPE Farm at (541) 484-7365 or [growing\\_hope@yahoo.com](mailto:growing_hope@yahoo.com)

### *Dan Hemenway*

Permaculture seeks to design sustainable lifestyles based on conditions unique to each place and designed according to the same principles by which nature integrates other species into her ecosystems. While permaculture obtains its design principles through careful study and search for comparable principles in nature, permaculture strategies are based on the realities of the 20th century.



An Apple for the Teacher  
-and the Students  
by Devon Bonady

Standing outside around a hole, watching little boys wielding shovels fall down trying to walk with three inches of thick clay stuck to their sneakers is how I began my first Apple Tree Guild workshop with children. Four of five young boys had a blast digging the hole, planting the tree, and saving the worms while telling me that "the number of white bands in the worm is how many babies it will have."

Tree Cottage Nursery in Cottage Grove donated a good sized King Apple tree for me and my friend Andrea Mull to plant at The Blue Mountain School as part of our workshop, "The Community of an Apple Tree." This was my

first attempt to bring Permaculture education directly to kids at school.

The Blue Mountain School is an alternative school centered around student initiative, so the kids joined and left as their interest changed. After planting the tree, we headed inside and talked with some older students about the needs and yields of an apple tree, and discussed plants to add to our "guild" community. We had prepared Permaculture guild flash cards with pictures on one side and on the other many great reasons why each plant is beneficial to the tree ecosystem. To add even more tactile learning to the process, we ventured outside again to plant some of those beneficial friends underneath our new apple tree. We had harvested ferns, lavender, mint, yarrow, lupine, and more, all of which the young ones joyfully planted, wallowing in wet clay.

I am excited that some of the students had an interest on their own to learn about plants. Since I had been working at several school gardens lately, I knew that the little ones would love to dig. The best part of the day was cute little Justin who planted with us until the end, after all of the others ran off. He assured us that he would watch over the tree after we left and water it once the land dries up. I am sure he'll be the first to get the apples, too! and maybe someday he will plant his own orchard.

*Bill Mollison*

Permaculture is a philosophy of working with, rather than against nature; of protracted & thoughtful observation rather than protracted & thoughtless labour; & of looking at plants & animals in all their functions, rather than treating any area as a single-product system.

## The Tao of Tools by Rick Valley

While waiting for enlightenment, chop wood and carry water. After enlightenment, chop wood and carry water.

Once again I've been thinking about tools, as I've been packing them into my pickup and moving them to new digs. I realized I've not really put down the basics in a complete and permaculturally correct manner.

Why is working with hand tools important? It's resource and energy efficient. Even if you've got machines to do the big stuff, there are the edges and corners and clean-up. Especially in zones 0-2, hand tools are the right scale. They are powered by biological resources, and used properly, they will maintain your health with exercise. They are one of the most effective ways to treat modern afflictions such as Cursor Madness, which is brought on by too much word processing. (like writing about tools) They work at your speed, and are lighter and safer than powered tools. And they are much quieter than power tools. Besides saving your hearing, this allows better internal meditative thought and better group communication. Working in groups is a good way to counter the isolation common in our culture.

You can, like a Latin American campesino, do almost anything with a broad hoe and a machete, but what makes the right tool for the job?

There are a few general rules I've found, and I'll put a permaculture spin on them.

1) Use biological resources (again!)  
Wooden handles rather than  
Fiberglass or steel. Wood absorbs shock

better; I have hurt myself more than once with the repeated shock of striking with a steel handled tool, and fiberglass was used for pole-vaulting because it will store and then release the energy put into it. I had a hammer bounce uncontrollably after striking, and ended up with the claw in my cheekbone. (only because my safety glasses kept it out of my eye) You can replace wooden handles yourself, and re-use the old pieces, even if just for fuel, although I've made smaller handles and dibbles with broken wood handles. If you have a hankering to do some green woodworking, you can make a new handle directly from a tree by splitting and shaving a piece of log. It will be stronger than any commercial handle if you do it well. Wood is warmer in your hands in cold weather, and you can take a file and modify any wooden handle to fit *\*your\** hands. Try that with fiberglass! Wooden handles break you say? Well, I have seen LOTS of fiberglass handled tools with broken heads; some testosterone infested fool figured "unbreakable handle! I can do anything with it!" and with a strong handle, the blade was the weakest part... it's easier to make a new handle than a new blade. If you break a handle, someone is telling you you're working too hard, too carelessly, and not taking care of your own body. Forged steel makes the best tools. Most tools you'll find in any store in the US today are made of stamped sheet steel. A standard hoe today, for example, consists of a piece of stamped sheet steel (the blade) a piece of machine-bent rod (the shaft) and a piece of machine formed thin sheet (usually chromed) around the end of the handle

called the ferrule, which is a sort of last-ditch attempt to reinforce the end of the handle which has been drilled out (weakened) to accept the shaft. The steel isn't as tough and resilient as it could be if forged, and any weld between shaft and blade can break. When the stamped steel tool breaks, it is cheaper to buy a new one than to buy a new handle. Kind of like electronics equipment, only maybe not as toxic. Forged steel hoes are one (1) piece, and either have a socket that the handle fits inside of, or an eye, that you slide onto the handle from the hand end. A few eye hoes from elsewhere in the world fit onto the blade end of the handle and are then held by putting a wedge in the end of the handle, like with a typical hammer. These forged hoes ring when you tap them; they've been formed by hundreds of blows on an anvil, which align the crystal structure of the metal, toughening and hardening it. A nicely made forged tool has curves reminiscent of bones; thickness is distributed with the forces experienced in use. Slightly greater weight means you can rely a bit on inertia, and relax slightly as the tool contacts the work, instead of powering it through a stroke; this also reduces stress on your body. Once

you are used to the techniques of replacing and modifying wood handles you can actually craft handles to lengths that are most ergonomically correct for you and the task the tool is used for.

*Rick Valley is a nurseryman and landscape contractor in the Corvallis area. Look for more practical contributions on hand tools and such from Rick in future issues.*



"It takes a lot of time to be a genius, you have to sit around so much doing nothing, really doing nothing."

--Gertrude Stein





## **Green Friends by Pat Patterson**

Dandelion (*Taraxacum officinale*)  
One of the world's most loved and reviled plants, the dandelion is known throughout the world. It is a true cosmopolitan. Children love the Dandy Lion and puff its mane gleefully into the air. Herbalists rate it as one of the top ten medicinal herbs, and it has been so used since the 4th century in Egypt. Our common name comes from the French Dent de lion or Lion's tooth, Latin *Dens leonis*. Other common names refer to its effectiveness as a diuretic, such as pissenlit. This plant may have more common names in English than any other weed: fortune teller, piss-the-bed, blowball, doonheadclock, yellow gowan and priest's crown among them. The Latin species name *officinale* refers to its place in the official Pharmacopoeia for centuries. It traveled to the Americas with the earliest travelers who brought it deliberately as a food and a medicine and accidentally as ballast. All parts of the plant may be used on the flower, symbolic of the sun's force, to the tenacious root. It has a long list of culinary uses.

## **Permaculture and Community:**

*An Experience in Sustainable Living*

## **Apprenticeship Programs for Spring, Summer and Fall 2003**

Our apprenticeship programs are designed to empower people with the practical skills, awareness, and confidence to live lives that are consistent with their values. We combine hands-on learning, individual and group activities, lectures, discussions, and field trips. Apprentices join the rhythm and routine of our community, its celebrations and rituals, dance and merriment, as well as the day-to-day chores of cooking and cleaning. Immersed in the heartbeat of community activity, they come to understand the challenges and joys of community life. As we learn to build relationships and deep connection, we recognize our collective consciousness and the oneness of our spirits, the interplay between focused work and fun, the dance of individual energies synergistically contributing to the larger whole.

We are an intentional community and nonprofit educational center located on eighty-seven acres in the foothills of Western Oregon's Cascade Range.

Full-time residents currently number twenty adults and seven children.

In addition to our own workshops and programs, we frequently host conferences, retreats, and workshops presented by organizations who share our vision. We also publish *Talking Leaves: A Journal of Our Evolving Ecological Culture*.

Our land offers a diversity of ecosystems, including an oak savanna, a natural meadow, a stream and riparian area, forest land, and a regenerating forest. There are vegetable and perennial herb gardens, orchards, and Permaculture plantings, as well as a wood-fired sauna, solar showers, a swimming hole, and access to hiking trails, a lake, and extensive National Forest land. We are located just eighteen miles from Eugene, a mecca for holistic and ecological consciousness and activism.

If applying for staff internship, please include resume or work history.

send to:

Tammy Davis, Apprenticeship Coordinator

81868 Lost Valley Ln Dexter, OR 97431

or email to [tammy@lostvalley.org](mailto:tammy@lostvalley.org) phone:541-937-3351 ext.119



Dandelion beer, wine, coffee and tea grace a menu of dandelion soup, omelette with dandelion petals or buds, dandelion salad, stir-fried or steamed dandelion leaf or root. The petals are a beautiful color point in a mixed salad as well. The bitterness of the mature plant is mild in the very young or blanched plant. When using buds or petals, remove any sepals or green parts unless you like strong bitters. My rabbits stand up and beg for their dandelion treats.

Nutritionally the dandelion is a powerhouse. Naturally high in vitamins A and C, the plant is very good at assimilating minerals, particularly iron and copper. It is a rich source of pollen and nectar for bees and if blooming in an orchard will draw the bees away from the tree flowers. 93 insects have been observed visiting the flowers. It is not a good neighbor to other low plants, however. Its big leaves flatten out to smother competition, it depletes soil of elements and exhales ethylene to stunt neighboring plants. When composted or made into a tea it is a topnotch fertilizer-tonic for other plants.

Commercial dandelion farms are big

business in the US and the cultivated dandelion is a common garden vegetable in many countries. On "fat" soil a dandelion can really thrive and become very succulent. There are also special varieties of dandelion cultivars. Extracts of the plants and roots are used commercially to flavor ice cream, candy, baked goods and soft drinks. The flowers release a yellow dye, the roots a magenta one.

Here are just a few bits of dandelion folklore. To dream of dandelions means ill fortune. If the fluff blows off when there is no wind, it is a sure sign of rain. To blow the seeds of the dandelion into the wind

is to carry one's thoughts to a loved one. In England children believe the floating seeds were fairies and to catch one brought good luck.

And now for all of you who pluck rather than poison your dandelions, a recipe.

Dandelion Soup:

2/3 colander of dandelion leaves

1 small onion

3 \_ cups chicken stock

Gather the leaves in early spring or summer. Tear the leaves from the bitter mid-rib, wash well and drain. Melt butter in saucepan and add finely sliced or chopped onion. Peel and dice potato and add to onion. Cover and cook over low heat for 5 min. Add the dandelion leaves and cook covered for 5 min. more. Stir in the stock, season and cook gently 15 min. Serve hot with crusty French bread.

## A New Community Resource?

By Jo Rodgers

You recycle religiously. You try to bike everywhere within a ten-mile radius. You grow most of your own food and buy the rest in bulk. You wear hats and wooly slippers in the house when it's cold. You turn off light switches as a past time. Yet you realize that there is still plenty of room to reduce the environmental and economical impact of your day-to-day living.

The question becomes one of awareness, know-how, and incentive. The chances of you adopting a new habit that conserves water, energy, or other resources likely depends on whether or not you are presented with the choice and if it is easy enough to develop. And since you probably live a less consumptive lifestyle than most Americans, the room for improvement for the general population is huge. With the ecological and economic crises that we face in our current society, we have a strong impetus for exploring new ways of living more lightly (on the Earth and our wallets).

This is the inspiration for a new project that is being developed at the University of Oregon. Students in the Ecological Design Center at the UO along with faculty, staff, and community members (including Spruce Houser) are currently negotiating for the release of a house on or near the

UO campus which will be transformed into a “living and learning center” to demonstrate and experiment with issues of sustainability. The house will be a teaching tool in all its phases – while being renovated, when initial projects are installed (such as solar panels or a vermicomposting bin), and when projects are modified and improved upon through trial and error.

This house will give “sustainability” a new and highly-visible testing grounds. Students at the university-level and even elementary-level would have an opportunity to see real examples of energy and resource conservation techniques. Researchers and other innovators (including students!) would have a place to experiment with new ideas or ways to improve already existing ones. The community at large would be exposed to new concepts and be inspired to make changes – no matter how small – in their own home. Whether a visitor comes from an environmental perspective or an economic one, everyone would have something to gain from such a resource.

Some of the primary goals envisioned for the house are the following:

- Demonstrate low-impact life style choices and home design features to the local community, students, and visitors (e.g., renewable energy production, sustainable methods of waste

handling, water and energy conservation, food production, and urban land stewardship).

- Offer experiential learning experiences through regular classes, studios, workshops, and tours held at the facility.

- Function as a multi-disciplinary research facility for university faculty and students.

- Minimize non-renewable energy consumption to nearly zero.

- Maximize materials efficiency (e.g., using reclaimed, recyclable, and/or compostable

construction materials, refurbishing building elements).

- Become as water self-sufficient as possible (i.e., via rainwater catchment, greywater recycling

and high water efficiency systems).

- Demonstrate how low-environmental impact can intersect with aesthetically pleasing design

options and economic affordability.

Many of the concepts explored at the house would be methods that have been used for a long time such as insulating curtains for the windows, rainwater catchment systems, passive solar greenhouses, recycled or reclaimed materials for construction, and natural building techniques. Yet there are also many other potential projects on the cutting edge of so-called “appropriate technologies” such as photovoltaic cells, biodiesel, solar shingles, and even hydrogen power which could be

explored at the house. Sustainable agriculture in urban settings is another area that could be demonstrated and developed at the site.

This project is similar to projects already going on at numerous universities and colleges such as Oberlin, Cal Poly, Humboldt State, and Slippery Rock. The appropriateness of such a project here at the University of Oregon has already been made clear by the growing community involvement and the tremendous enthusiasm generated on campus for this to happen. The house will bring together members of the Eugene community and the UO to explore how issues of sustainability can be brought to a residential scale and within an urban context. People with interests or backgrounds in business, architecture, economics, physics, environmental studies, landscaping, agriculture, and journalism will find something exciting to get involved with in this project.

This year’s H.O.P.E.S. conference (April 10-13, 2003) will highlight this project in its planning and brainstorming session (“charrette”) starting on Thursday, April 10<sup>th</sup>. This will help provide more detail for the house as well as envision how it can fit within the larger neighborhood context. Eventually, it is hoped that the house will be a place where workshops, classes, and meetings can take place to discuss new ways to address our urban and societal challenges. Such a

community resource will help to empower citizens, engender civic responsibility, and provide a service and renewed sense of hope to the university body as well as the community at large.

If you want to get involved or have questions or comments, please contact Jo Rodgers (coordinator) at [jrodger1@darkwing.uoregon.edu](mailto:jrodger1@darkwing.uoregon.edu) or check out our website at <http://ellc.uoregon.edu/ellc/>. To learn more about the H.O.P.E.S. conference in April, please check out the website: <http://edc.uoregon.edu/>. To see a current example of a similar project done at another university, check out Humboldt State University's Campus Center for Appropriate Technology (CCAT) at: <http://www.humboldt.edu/~ccat/>.

## HOPE Farm seeks interns...

The H.O.P.E. farm is currently seeking hardworking interns for the 2003 growing season, May through October. We have room for up to two people at a time, for stays of 4-16 weeks. We will not be able to accept any drop-in visitors at all, so please contact us well in advance if you will be passing through and are interested in a visit.

About the internship opportunity:

The land is also home to more than 800 fruit trees and a five acre filbert orchard, as well as chickens, ducks, cows, dogs, cats, some other farmers and a horse. We plan to get some homing pigeons, laying hens and perhaps a couple of lambs for wool... We will install a 2000 plant botanical sanctuary and are currently planning an education project that will run May through October and consist of approximately 40 hands-on workshops on topics such as: Permaculture design - Eco-building - Kinship gardening - A sixteen week

organic farming series - An advanced permaculture series - A permaculture water design series  
etc...

Internships will run from 4-16 weeks long and include camping space, some meals, individualized instruction and free admission to all of the workshops while you

are here. We are unable at this time to offer indoor sleeping space, nor are we able to accept interns with dogs or kids- (perhaps next year...) There is plenty of room for your tents and your ideas!

We can teach many of these skills, but ask that applicants have at least one year of prior organic gardening experience, and that they be personally dedicated to low-impact organic living. (i.e. we have composting toilets, no fridge, no TV and no cell phones allowed!)

### INTERNSHIP APPLICATION PROCEDURE:

Apply via email or snail mail to:

HOPE Farm PO BOX 42174 Eugene OR 97404

Please Include: A recent resume and a one-page bio, including all experience with permaculture, natural building, organic gardening and community activism. Related materials such as newspaper clippings, 'zines or artwork are welcome, and will be returned to you as long as you include a self-addressed stamped envelope.

Please address the following questions in your bio:

1. What type of environment did you grow up in? Urban, rural, mainstream or no? be specific.

2. What brought you to organics and permaculture?

Where do you want to go from here?

3. List five topics in order of preference that you would like to focus on during your internship. 4. Provide three personal references who are not your relatives.

We're looking forward to hearing back from interested applicants, please feel free to email [info@hopefarm.net](mailto:info@hopefarm.net) with any questions.

# **PERMACULTURE DESIGN COURSE – EUGENE, OREGON**

## **A weekend series from March 29 to May 11, 2003**

Permaculture is an whole-systems and ecological approach to design. Through an evolving set of principles and tools, we learn how to creatively integrate the various aspects of human and natural systems in ways that promote abundance and sustainability.

Permaculture designs range from households to whole bio-regions. It integrates disciplines relating to food, shelter, energy, water, waste management, economics, and social sciences to create whole systems capable of reclaiming devastated lands and building sound social systems.

This intensive, in-depth course will provide a working knowledge of Permaculture theory, design, and implementation via lectures, discussions, slide shows, hands-on projects, and design projects.

### **Topics include**

- Observation skills and site analysis
- Natural cycles and pattern recognition
- Plant identification
- Water harvesting
- Soil building
- Edible landscaping, organic gardening, and tools
- Animal husbandry
- Tree crops and sustainable forestry
- Appropriate technology and housing
- Urban strategies
- Economics
- Community networking

### **Dates & Time**

March 29/30, April 6, April 19/20, April 27, May 3/4, May 10/11

The daily schedule is from 9am to 6pm, with an hour lunch break at noon.

### **Instructors**

The course will be team taught by Jude Hobbs, Toby Hemenway and guests.

### **Fees & Registration**

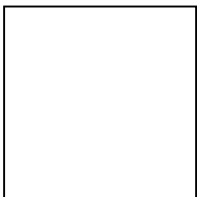
The course fee is on a sliding scale from \$325 to \$400. Please pay at the higher end if at all possible. Some work trades are available. Those who have already received Permaculture certification can attend sessions for a fee of \$25 per day (pre-registration required).

### **Contact**

If you have additional questions or to register, please call (541) 342-5977 or email [info@eugenepermaculture.org](mailto:info@eugenepermaculture.org)

### **More Information**

[www.eugenepermaculture.org](http://www.eugenepermaculture.org)







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Permaculture is the art and science of creating human sustaining systems mimicking natural systems in their beauty, versatility, resiliency, diversity and productivity.

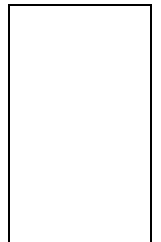
--Joseph Schultz

## **EPG WEBSITE!**

**THE EUGENE PERMACULTURE GUILD NOW HAS A WEB PRESENCE! FIND INFO ABOUT PERMACULTURE, THE EPG, A CALENDAR OF PERMACULTURE RELATED EVENTS IN EUGENE, & PHOTO GALLERIES OF RECENT HAPPENINGS.**

# **WWW.EUGENEPERMACULTURE.ORG**

Eugene Permaculture Guild Newsletter  
108 Cross Place  
Eugene, Oregon 97402



ADDRESS CORRECTION REQUESTED