

## THE NATION'S LEADING ECOLOGICAL CONTRACTOR/SUBCONTRACTOR FOR:

- WETLAND CONSTRUCTION/PLANTING
- WILDLIFE HABITAT CONSTRUCTION
- ECOLOGICAL FIELD SAMPLING
  - ▶ Benthic Macroinvertebrate Surveys
  - ▶ Electrofishing Surveys
  - ▶ Wildlife Studies
- REFORESTATION
- ENVIRONMENTAL SAMPLING
- IN SALISBURY, MD! STREAMBANK STABILIZATION
- BIOLOGICAL WASTEWATER TREATMENT SYSTEMS
- SUPERFUND/HAZARDOUS WASTE SITE RESTORATION
- LAND RECLAMATION
- INDUSTRIAL BEAUTIFICATION

Main Office: 311 Crooks Drive Phone: (724) 334-3790

> Apollo, PA 15613 (724) 334-3781 Fax:

NEW DFFICE

OPENING SOON

# Join The Winning Team at Marshland Transplant

The Largest Wholesale Aquatic Nursery in Wisconsin for Nursery Propagated Wetland, Woodland & Prairie Plants

Producers of Plant Materials for Large Scale Wetland Mitigation and Native Restoration Quality

Native Plants for:

- Reclamation Areas
- Reforestation
- Wildlife Habitat
- Wetland Buffers
- Woodland Restoration
- Wastewater Treatment
- Roadside Restoration
- Prairie Restoration



## **Contract Growing Available**

# MARSHLAND TRANSPLANT AQUATIC NURSERY

P.O. Box 1 = Berlin, WI 54923 (920) 361-4200 = Fax (24 hours): (920) 361-4200

Join us in rebuilding our environment, call: (800) AQUATIC {208-2842}

Otter Creek Wetland Mitigation Bank

AES pioneered the first private wetland bank in the U.S.



# Solid Science

For over 20 years, our ecologists have applied solid science to the restoration of thousands of acres of native wetland, prairie, savanna and woodland systems.

If you're looking for successful, sustainable natural solutions, we invite your inquiry.

## **Applied Expertise**

- Wetlands delineation, mitigation, permitting and monitoring
- Prairie restoration, design and installation
- Conservation development, land use planning
- Fisheries, bird and wildlife studies
- Ecological research and environmental assessments
- Environmental engineering
- Hydrologic studies
- Largest prairie nursery in U.S



### APPLIED ECOLOGICAL SERVICES, INC.

Rt. 3, Smith Rd., Brodhead, WI Voice: 608-897-8641 Fax: 608-897-8486

Email: AppliedEco@Brodnet.com



## Aquatic and Terrestrial Ecosystem Management and Restoration Services

SDI CONSULTANTS LTD.

WATERSHED SERVICES DIVISION

2000 York Road Suite 130 Oak Brook, IL 60523 (630)571-0353

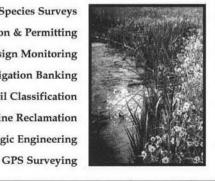
www.sdiconsultants.com

ONE OF THE



Watershed Management Planning
River Restoration Plans
Ecological Restoration
Plant and Seed Installation
Chemical/Mechanical Weed Control
Prescribed Burn Management
Botanical Assessments

Botanical Assessments
Endangered & Threatened Species Surveys
Wetland Delineation & Permitting
Mitigation Design Monitoring
Mitigation Banking
Soil Classification
Mine Reclamation
Hydrologic Engineering





# "The Most Expensive Project Is One That Fails..."

## **Planter's Paks**

Controlled Release Plant Nutrients in biodegradable packets

## **Custom Blends**

Site and species specific blends for bulk applications

## **Mycorrhizal Inoculum**

Endo and Ecto Mycorrhizae

## **Soil Amendments**

Nova Organics, enhanced long term nutrients for restoration applications

## **Physical Protection**

Mulch Blankets and Tree Shelters

## **Animal Damage Control**

Nortech® Tree Guard and Plant Protec

Treated with Endo<>Net No Mycorrhizae

Not Treated

Maple Trees one season after transplant.

## **PRODUCTS FOR SUCCESS!**



REFORESTATION TECHNOLOGIES INTERNATIONAL 1-800-RTI-GROW (784-4769)

1341 Dayton Street, Suite G • Salinas, CA 93901 fax 1-831-424-1495 • rti@reforest.com www.biorestoration.com

## **EDAW**

#### **DESIGN, PLANNING AND ENVIRONMENTS WORLDWIDE**



#### **Ecological Restoration Services**

- · Wetland and Stream Restoration
- Riparian Habitats
- · Upland Habitats, Including Oak Woodland, Grassland and Scrub
- · Ecological Enhancement Through Exotic Plant



#### **Biological Services**

- · Endangered Species Investigations, Habitat Conservation Plans
- · Wetland and Regulatory Services
- · GIS and GPS Mapping
- · Habitat and Wildlife Management



EDAW, Inc. 2022 J Street

Sacramento, CA 95814 916.414.5800 tel 916.414.5850 fax

www.edaw.com

# Deer Damage a Problem?

HMMM...THE SMITH'S FOR AZALEAS AND HOSTAS, OR THE PARK FOR THE ALL YOU CAN EAT BUFFET?

We Have the Solution:

Virtually Invisible **Deer Fencing** 

- High-Strength
- Easily attaches to trees or posts.
- Protect garden areas or several acres.



**Keeps Deer OUT** 

**Benner's Gardens** 6974 Upper York Rd., New Hope, PA 18938

**1-800-753-4660** www.bennersgardens.com



## THE TOTAL PROTECTION SYSTEM

Because planting the trees is not the CHALLENGE; keeping them alive IS!!!

THE QUICKEST AND EASIEST TREESHELTER TO INSTALL.

No need for on-site origami!

Twin-walled tubular construction.

NO RISK OF SPLITTING ALONG
CORNER FOLDS.

Less wind resistance than a square shelter.

Unique LASERLINE perforations to prevent tree girdling.

FLARED RIM to prevent stem abrasion

PRE-FITTED RELEASABLE TIES INCLUDED allow hassle-free installation and easy maintenance.

STRENGTHENING RODS for added durability.

-WHITE OAK STAKES are rot-resistant and kiln-dried

· VisPore Tree Mat

Right Start Fertilizer Packet

# **Proven Protection Against**

Animal Browse
Weed and Grass Competition
Lawn Mowers and Trimmers
Gully Washes and Herbicides

Contact us

For more information or product samples
2371 Waters Drive, Mendota Heights, MN 55120 800-248-8239. Fax 651-681-1951
www.treessentials.com

#### WATER IS PRECIOUS

Water is finite. Just 2.5 percent of the world's water is fresh, rather than seawater. Two-thirds of all fresh water that exists is locked in ice caps and glaciers. Of the remaining amount, twothirds is "lost" to evaporation. From what is left, some 20 percent is in areas too remote for human access, while of the other 80 percent, three-quarters comes at the wrong time or place, through monsoons, hurricanes and floods, and can only be partially captured for human use. The renewable fresh water supply on land is less than 0.08 of one percent of the total water on the planet. Of this tiny fraction of water available for human use, some two-thirds is devoted to agriculture, a figure that rises to more than 80 percent, sometimes 90 percent.

DRIWATER is the FUTURE of water. It is here TODAY.

~ WATER RESPONSIBLY ~

# DRIWATER

Time-Release Water

website: driwater.com

e-mail:

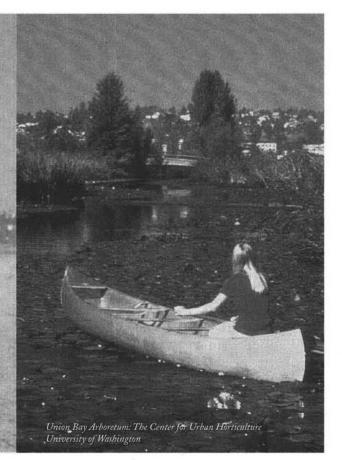
driwater@driwater.com

phone: (800) 255-8458 fax: (707) 528-3391

ARTISANS SPECIALIZING IN **ECOLOGICAL RESTORATION** FOR PLACES, PLANTS AND PEOPLE

ARCHITECTS AND LANDSCAPE ARCHITECTS 105 South Main Street antle, Washington 98014 206.624.5702 www.jonesandjones.com

ONES



# Natural Resources

from **HAYBUSTER**°

## Prevent Erosion · Protect Seedlings and Soil



H-106 ROCK-EZE Rock Picker

## PICK IT!

- · Rock picker/windrower combo.
- Clears a swath 10 feet wide.
- Picks rocks as small as 2 inches, as large as 15 inches.
- · Rock wheel separates rocks from dirt.
- · 84-inch dump height.
- · Easy bookup and operation.

## **SEED IT!**

- · Delivers quick cover, fast germination.
- · 10-foot width.
- · Precise seed placement and metering.
- · Seeds native grasses.
- Ideal for any construction, landscaping or reclamation project requiring grass seeding.



107 All-Purpose Drill

2544 BALEBUSTER

## **MULCH IT!**

- Places mulch precisely on erosion trouble spots.
- Reduces labor by using inexpensive big round bales.
- Optional Straw Cannon shoots mulch up to 100 feet.
- Perfect for road ditches and medians, oil field and mine reclamation.



1-701-252-4601



P.O. Box 1940 • Jamestown, ND 58402-1940 www.haybuster.com

The Haybuster dealer network is committed to providing customers with the highest level of service and fast, dependable parts support.



# PRODUCERS OF PLANT MATERIALS FOR LARGE SCALE NATIVE RESTORATIONS AND WETLAND MITIGATION

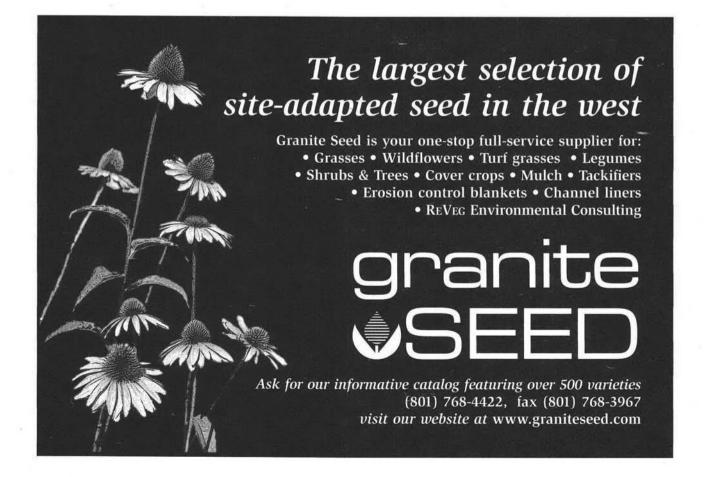
- ♦ Over 400 NativeSpecies
- ♦ Prairie, Wetland and Savanna
- ♦ Seeds and Plants
- ♦ Container Grown Emergents
- ♦ Variety of Sizes, 2 inch Plugs to 2 Gallon Pots
- ♦ Contract Growing Available

Phone (815) 438-2220

Fax (815) 438-2222

23200 Hurd Rd.

Tampico, Illinois 61283



## NATURE AND THE ENVIRONMENT FROM CAMBRIDGE

## **Animal Conservation**

Volume 3 (2000) ISSN 1367-9430 QUARTERLY

# Environment and Development Economics

VOLUME 5 (2000) ISSN 1355-770X QUARTERLY

## Antarctic Science

VOLUME 12 (2000) ISSN 0954-1020 QUARTERLY

## <u>Biological</u> Reviews

VOLUME 75 (2000) ISSN 1464-7931 QUARTERLY

## Bird Conservation

**International** 

VOLUME 10 (2000) ISSN 0959-2709 QUARTERLY

#### **ENVIRONMENTAL CONSERVATION**

INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE EDITOR:

Nicholas V. C. Polunin, University of Newcastle

Environmental Conservation is one of the longest-standing and most authoritative of the journals dealing comprehensively with the science underpinning environmental concerns at a global level. Uniquely, it aims to cover all aspects of the field, while maintaining a foundation in underlying research.

Frequency: Quarterly
Volume 27 in 2000
Institutions (Print plus electronic): \$296
Individuals (Print only): \$118
ISSN: 0376-8929

Journal of the Marine Biological Association of the United Kingdom VOLUME 80 (2000) ISSN 0025-3154 BIMONTHIX

## Journal of Tropical Ecology Volume 16 (2000) ISSN 0266-4674 BIMONTHLY

Journal of Zoology

VOLUMES 250-252 (2000) ISSN 0952-8369 MONTHLY

CAMBRIDGE UNIVERSITY PRESS

40 West 20th Street New York, NY 10011-4211

Telephone: (800) 872-7423

E-mail: journals\_marketing @cup.org WWW Access: http://www.cup.org/journals/



#### F. W. SCHUMACHER CO., INC.

Horticulturists - Tree Seed Specialists

P. O. Box 1023

SANDWICH, MASS 02563-1023



We specialize in TREE and SHRUB SEEDS for Ornamental, Christmas Tree and Land Reclamation purposes. We will provide technical information on pre-treatment, storage, and seeds per pound upon request.

#### WE PURCHASE NATIVE SEEDS.

Ask for our FREE CATALOG of seed items.

FAX: 508 833-0322 Phone: 508 888-0659

# Ion Exchange Native Seed AND PLANT NURSERY Providing one of the Midwest's largest

selections of quality native seed and containerized plants.



Over 250 prairie, wetland and savanna species

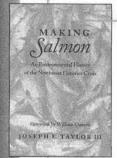
- Local ecotypes
- Custom mixes
- Contract growing
  - Consultation

1878 Old Mission Dr. Harpers Ferry, IA 52146 800/291-2143 FAX: 319/535-7362

hbright@means.net · www.ionxchange.com



## New from Washington



#### **Making Salmon**

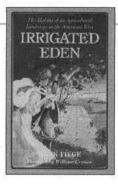
An Environmental History of the Northwest Fisheries Crisis

Joseph E. Taylor III Foreword by William Cronon

"Exhaustively researched and written in clear and graceful prose, Making Salmon will prove to be the

definitive study of its subject well into the 21st century."

-William G. Robbins, Oregon State University Weyerhaeuser Environmental Books Clothbound, \$34.95



#### Irrigated Eden

The Making of an Agricultural Landscape in the American West

Mark Fiege Foreword by William Cronon

"An extraordinary piece of work. Fiege is interested both in the physical construction of nature through human actions and the

social and cultural construction of 'Nature' and landscape by human intelligence."—Richard White, Stanford University

Weyerhaeuser Environmental Books Clothbound, \$35.00

Available from your bookstore or call 1-800-441-4115

#### UNIVERSITY OF WASHINGTON PRESS

P.O. Box 50096 Seattle, WA 98145-5096 http://www.washington.edu/uwpress/

## Restoring the WEST

#### **Balancing Water**

Restoring the Klamath Basin Photographs by TUPPER ANSEL BLAKE and MADELEINE GRAHAM BLAKE Text by WILLIAM KITTREDGE

"Coexistence has never been a popular principle in the American West, but as this book makes clear it has become indispensable for the survival of both endangered nature and endangered rural community. I was inspired by this brilliant collaboration of writer and photographers.... They bring a message of hope that is compelling and timely."

-Donald Worster, author of Rivers of Empire \$39.95 cloth

#### The View from Bald Hill

Thirty Years in an Arizona Grassland CARL E. BOCK and JANE H. BOCK Foreword by HARRY W. GREENE

"This book brings together nearly every aspect of grassland research in the American Southwest.... It refutes conventional myths about some causes of grassland change, tests hypotheses in restoration ecology, and offers new perspectives on the recovery of ecosystems free from livestock grazing. It is a book that every naturalist or ecologist should read."

-Conrad Bahre, author of A Legacy of Change

Organisms and Environments \$45.00 cloth \$16.95 paper

Now available in paperback

## Bring Back the Buffalo!

A Sustainable Future for America's **Great Plains** 

#### **ERNEST CALLENBACH**

With a new epilogue

"Mr. Callenbach offers persuasive financial and environmental reasons for returning the Great Plains...to the bison that once flourished there, where European animals and farming methods have not. He offers practical methods for making such a change."

-Phoebe-Lou Adams, Atlantic Monthly

\$16.95 paper

At bookstores or order (800) 822-6657

**University of California Press** 

www.ucpress.edu



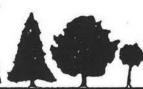
**SPECIALIZING** in native plant seed for the Western Great Plains and the Rocky Mountain Bioregion. Quality, source identified seed at reasonable prices. Many difficult to locate species available including:

Wetlands and Riparian Species Native Wildflowers and Forbs Grasses, Shrub and Tree Seed

Call or FAX for a current seedlist.

**WESTERN NATIVE SEED** 

P.O. Box 1463-R, Salida, Colorado 81201 (719) 539-1071 FAX (719) 539-6755 Cascade Forestry Nursery



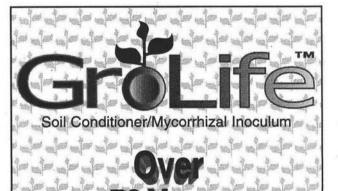
22033 Fillmore Road Cascade, Iowa 52033 (319) 852-3042

FAX: (319) 852-5004 E-MAIL: cascade@netins.net

Web Site: www.cascadeforestry.com

Cascade Forestry grows heavy-rooted northern native hardwood and shrub seedlings, as well as conifer transplants. We offer a full range of forestry services, including tree planting, plantation maintenance, timber sales, and timber stand improvement. Please call for a free catalog.

Established in 1974



Growing Experience

www.grolife.com 15065 TELEPHONE AVE., CHINO CA 91710-9614 (909) 393-3744 • FAX (909) 393-2773 (800) 473-1307

A Joint Venture of Gro-Powers, Inc. & Tree of Life Nursery

# Successful revegetation or restoration starts with quality native seed

Call the North Coast Seed Bank

A regional source for wetland & riparian native seed/plants

\*Offering Wildland Seed\*

- · Site specific collection
- · Good inventory on hand



5851 Myrtle Avenue Eureka, California 95503 (800) 200-8969



Subscribe to the Now Peer Reviewed

# Wetland Journal

WETLAND ISSUES, RESEARCH, RESTORATION
AND EDUCATION

Individual Annual Subscriptions still just \$30.00/year

Quarterly issues featuring a selection of the following:

- •WETLAND HORTICULTURE/RESEARCH
- •WETLAND BOOK REVIEWS
- •WETLAND RESTORATION TECHNIQUES
- •WETLAND PLANNING
- •RESOURCE DIRECTORY

- •WETLAND EDUCATION
- •WETLAND ISSUES
- •WETLAND RESOURCES
- •WETLAND DYNAMICS
- •WETLAND POLICY AND LAWS

For more information or to place an order:

phone: (410)745-9620; fax: (410)745-3517; e-mail: order@wetland.org or write to: Environmental Concern Inc., P.O. Box P, St. Michaels, MD 21663

Visit Environmental Concern's web site for a sample of articles and subscription information: http://www.wetland.org



# A Vision for the U.S. Forest Service: Goals for Its Next Century

In Memory of Marion Clawson Roger A. Sedjo, editor

Provides fresh perspectives on the past and future of the U.S. Forest Service, the stewardship of public lands, and the practice of scientific management. Presents ideas for evaluating the agency's performance, reshaping its mission, enhancing its effectiveness, improving internal morale, and increasing public participation in the decisionmaking process.

Available May 2000 / approx. 204 pages / Cloth, ISBN 1-891853-02-3 / \$39.95

#### The RFF Reader in Environmental and Resource Management

Wallace E. Oates, editor

Many selections in *The RFF Reader* are drawn from *Resources*, RFF's highly regarded quarterly publication. Ideal for students, the book features sections on benefit-cost analysis, environmental regulation, environmental justice, and pollution and development in transitional economies.

1999 / 307 pages / Paper, ISBN 0-915707-96-9 / \$27.95

#### Discounting and Intergenerational Equity

Paul R. Portney and John P. Weyant, editors 1999 / 186 pages / Cloth ISBN 0-915707-89-6 / \$35.95

#### Productivity in Natural Resource Industries: Improvement through Innovation

R. David Simpson, editor 1999 / 220 pages / Cloth ISBN 0-915707-99-3 / \$45.00

#### Sustainability of Temperate Forests

Roger A. Sedjo, Alberto Goetzl, and Steverson O. Moffat

1998 / 102 pages / Paper ISBN 0-915707-98-5 / \$14.95

RFF Customer Service: To order call (410) 516-6955 or fax (410) 516-6998

For more information: www.rff.org



## Mycorrhiza



For establishment, survival, growth of nursery, ornamental restoration/reclamation plants.
Widest range of species. Highest spore count.

Compare to other products with lower spore count and fewer species.

AgBio, Inc.
9915 Raleigh St.
Westminster, CO 80030
toll free 877.268.2020
ph 303.469.9221
fax 303.469.9598
email: agbio-1@indra.com
www.agbio-inc.com

California Central Coast's
Restoration & Landscape Specialists

## Elkhorn NATIVE PLANT NURSERY

- Native Plants And Seeds
- Site Specific Collections
- Botanical Consulting for

Landscape Restoration Projects

P.O. Box 270 Moss Landing, CA 95039 Tel: 831-763-1207

> Fax: 831-763-1659 www.elkhornnursery.com

## NEMETH LANDSCAPING/WETSCAPE

1469 Oakridge Drive Salix, PA 15952 (814) 266-4663 Fax (814) 266-3439 Toll Free (888) 429-8173 e-mail nemeth@floodcity.net

OVER 50 NATIVE SPECIES IN STOCK

**Contract Growers** 

Planting Service Available



#### NEW ITEM FOR SPRING 2000 Taxus candensis liners

Please call or write for a complete listing.

Quantity discounts and delivery available.



Specializing in top quality seeds, site-specific custom collecting, and an extensive inventory for fast delivery.

#### OVER 900 SPECIES AVAILABLE IN STOCK:

- · Wildflowers
- Native Plants
- Drought-Tolerant Plants
- Reclamation Grasses
- ♦ Ground Covers
- · Seed Mixes
- · Erosion Control and Revegetation

#### EROSION CONTROL PRODUCTS

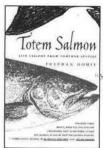
- · Ecology Controls M-Binder
- DSS-40 Acrylic Polymer
- Bonded Fiber Matrix

Call, Fax or e-mail for Prices and Availability
P.O. Box 1275 • Carpinteria, CA 93014-1275

Phone: 805 • 684 • 0436 Fax: 805 • 684 • 2798

e-mail: ssseeds@silcom.com website: www.ss-seeds.com

## Anyone who cares about fish, rivers, and people, and how they may co-exist in peace, should read this essential testimony. \*\*



#### **Totem Salmon**

Life Lessons from Another Species

#### Freeman House

"This wonderful book chronicles the way reverence for wild salmon stitched together a Northcoast California community of loggers, ranchers, hippies, environmentalists and bureaucrats. It's salmon-lore is encyclopedic and the story of the community's growing cohesion has filled me with an abiding joy."

paperback

-Peter Coyote, author of Sleeping Where I Fall

"Freeman House writes of a fish so remarkable, so hypnotically fascinating, that it barely seems possible such a creature could exist. And woven through it is the equally remarkable story of people dedicated to the dream of restoring salmon to their own watershed—a tale so heroic, so filled with heart, that your soul sings for the very truth of it."

-Richard Nelson, author of Heart and Blood:

Living with Deer in America

"Grave and delightful. . . . Both personal and cosmic." -Gary Snyder, author of The Practice of the Wild "Freeman House writes lyrically with disarming candor and an exquisite literacy of place, joining a rare community of writers like Terry Tempest Williams and Barry Lopez who can reveal so much of who we are by gently explaining how much we have lost and stand to lose."

-Paul Hawken, author of The Ecology of Commerce

\*Robert Michael Pyle, author of Where Bigfoot Walks



www.beacon.org

#### d a n m b

## Restoring Diversity

Strategies for Reintroduction of Endangered Plants

Edited by Donald A. Falk, Constance I. Millar, & Margaret Olwell

A pathbreaking work that not only unifies concepts in the field of restoration, but also fills significant technical and policy gaps, and provides operational tools for successful resorations.

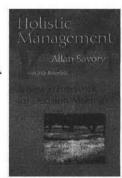


527 pages • tables, figures, photos, index • 1996 PB \$29.95 ISBN: 1-55963-297-6

## **Holistic Management**

A New Framework for Decision-Making Allan Savory with Jody Butterfield

A revolutionary approach to decision-making and management that considers humans, their economies, and the environment as inseperable. This volume provides a thorough explanantion of the approach, and how it can be applied.



640 pages • tables, figures, illustrations, color plates, index • 1998 HC \$50.00 ISBN: 1-55963-487-1 • PB \$30.00 ISBN: 1-55963-488-1

## Wholesale Seed to the Reclamation and Restoration Industries

California Native Grasses, Wildflowers & Forbs

Special Collections Available



- Distributors of:
- Hydro-Blanket™ MBFM
- Regreen<sup>TM</sup> sterile hybrid wheatgrass
- BIOSOL® natural fertilizer
- EndoNet mycorrhizal inoculum

6144A Industrial Way Livermore, CA 94550 (925) 373-4417 FAX (925) 373-6855 e-mail: pcseed@worldnet.att.net

# Country Road Greenhouses, Inc.

**CELEBRATING 17 YEARS OF GROWING** 

## Prairie Plugs™

OUR SPECIALIZED "OPEN BOTTOM" GROWING PROCESS PRODUCES PRAIRIE AND WETLAND PLANTS WITH SUPERIOR WELL-BRANCHED ROOT SYSTEMS FOR FAST ESTABLISHMENT.

**CONTRACT GROWING AVAILABLE** 

CALL OR FAX TODAY FOR OUR
CURRENT SPECIES LIST

ph: 815-384-3311

fax: 815-384-5015

www.prairieplugs.com

Rochelle, Illinois

# NATIVE PRAIRIE & WETLAND PLANTS

Grasses and Forbs for

- Bioengineering
- Reclamation
- Roadsides

Plugs & plants from regional seed sources

Call for information on available plant material/price list Contract growing services available

## HILD&ASSOCIATES

326 Glover Road South River Falls, WI 54022 715-426-5131 715-426-9887 FAX

TOLL FREE 1-800-790-9495

Visit our web site at www.hildnatives.com

SUPPLIER OF NURSERY AND WETLAND STOCK TO THE TRADE.



#### WE CARRY A FULL LINE OF

-NATIVES

-SHRUBS

-ORNAMENTALS

-PERENNIALS

-GRONDCOVERS

-VINES

-SHADE AND ORNAMENTAL TREES
-WOODY AND HERBACEOUS WETLAND PLANTS

CALL FOR SAMPLES OR QUOTES OF WETLAND AND EROSION CONTROL FABRICS

CONTRACT GROWING AVAILABLE

24 BUZZELL ROAD, BIDDEFORD, MAINE 04005 (207) 499-2994 (207) 282-7235 FAX: (207) 499-2912

EMAIL: piersonnurseries@lamere.net

CALL OR WRITE FOR OUR CATALOG

These and other fine products are available from the Institute of Food and Agricultural Sciences at the University of Florida.

Please call

1-800-225-1764

for ordering information.

Visit our website at http://ems.ifas.ufl.edu/forsale



Institute of Food and Agricultural Sciences



#### Aquatic Plant ID Deck

SM50, \$10

This grommet-bound, full color, laminated deck of 72 cards identifies aquatic plants found in lakes, rivers, swamps, and wetlands.



Grasses, Sedges and Rushes of Wetlands ID Deck SP255, \$12

This ring-bound, full color, laminated deck of 84 cards identifies the most common and most important species of grasses, sedges and rushes native to wetlands.



Aquatic Pen & Ink Drawings

SP233, \$35

A looseleaf collection of 8 1/2" by 11" botanically accurate line drawings of 103 aquatic species, common and rare. Suitable for identification, publication or framing.



JULY 1991



SEPTEMBER 1992

## **ECOLOGICAL AND BIOENGINEERING CONSULTANTS**

Specializing in: Ecological Restoration

**Erosion Control** Bioengineering Wildlife Biology

Creative Habitat consists of ecologists that employ a multidisciplinary approach towards solutions that are effective and . ecologically sound.

Creative Habitat Corporation



914-948-4389 253 Old Tarrytown Road, White Plains, NY 10603

# NATIVE TREES, SHRUBS & WOODY PLANT SEEDS



The largest selection in the industry of field grown bareroot trees and shrubs from USDA Zones 2-7. Tree and shrub seed available from all latitudes worldwide.

LAWYER NURSERY, INC. 950 Highway 200 W Plains, Montana 59859

Sales: 800-551-9875

Plains, Montana 59859 Fax: 406-826-5700

E-Mail: trees@lawyernsy.com



Specializing in the production of California native grass seed and the establishment of native grassland ecosystems

Our seed is from bioregional sites in the North Central Valley, Valley Foothills, and Central Inner

Coast Range. Single species and seed mixes are available for many landscaping and restoration needs. Our seed is grown, cleaned, and tested to provide a quality product of known origin. We also provide custom growing and consulting.

For more information and a catalogue, please call, fax, or write; Hedgerow Farms, 21740 County Rd. 88, Winters, CA 95694, Ph. (530) 662-4570, Fax (530) 668-8369.

# Introducing **TREE PRO**'s

## Miracle Tube

A seamless Tree Shelter

- > Flared top.
- > No assembly required.
- UV stabilized two ways.
- > 100% recycled materials.
- Manufactured in the USA.
- > Reusable ties are available.

Call us when you need Weed mats, mycorrhizal and controlled release fertilizer.

**TREE PRO**'s original design is still available.

For a free sample 800-875-8071 or treepro.com

# ZENTNER ZENTNER

Land Planning and Restoration

Success of environmental restoration projects is measured by their performance over time. That success is a direct reflection of the skill of the restoration team—and its ability to solve complex ecological and regulatory issues.

Over the last decade, Zentner and Zentner has managed over 500 restoration projects.

Our services include:

- Wetland Delineations
- Restoration and Mitigation Planning
- Biological Assessments
- Endangered Species: Section 7 and 2081 Approvals
- Regulatory Planning and Permitting
- Construction and Post Construction Monitoring

Contact us at one of our California offices.

Emeryville: (510) 596-2690 Sacramento: (916) 442-5620

## **Habitat Planters**



- native grass & wildflower planters
  - no-till interseeders
    - tree seed planters

4821 Xerxes Ave. N. . Minneapolis, MN 55430 . (612) 537-6639

Designers and Manufacturers of the TRUAX NATIVE GRASS DRILL

## WELL-ROUNDED SOLUTIONS FOR SHALLOW WATER DATA MANAGEMENT

YOU'LL FIND THAT NO OTHER AUTOMATED WELL PERFORMS AS WELL.

THE WL-SERIES AUTOMATED WELL FROM RDS OUT-PERFORMS OTHER COMPARABLE TECHNOLOGIES IN EVERY CATEGORY. FROM THE INFRARED DATA TRANSMISSION TO THE ON-BOARD

DATA LOGGER, YOU'LL FIND THAT THE WL-SERIES HAS MORE FEATURES FOR MONITORING WATER LEVELS. OFFERED IN THREE SENSING RANGES - 20, 40 & 80 INCHES, THESE INSTRUMENTS CAN BE FIELD PROGRAMMED AND INSTALLED IN MINUTES.

IF YOU'RE LOOKING FOR INNOVATIVE
TECHNOLOGY BACKED BY RUGGED
ENDURANCE AND RELIABILITY, CALL
US TODAY AT

800 340-3133

NO ONE ELSE MEASURES UP.



REMOTE DATA SYSTEMS INC.

163 BRUNSWICK ELECTRIC RD, WHITEVILLE, NC 28472 • TEL: 800.340.3133

FAX: 910.313.6151 • EMAIL: rds@rdsys.com • Website: www.rdsys.com



## California Straw Works

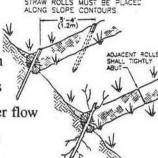
Rice & Native Grass

## STRAW WATTLES

for

## RESTORATION \* REVEGETATION REHABILITATION

- Shorten slope length
- ◆Capture sediment
- ♦Filter runoff pollution
- ♦Reduce rills & gullies
- Slow and spread water flow
- ◆Promote revegetation



Straw Wattles are an economical and efficient Best Management Practice (BMP)

## NOW AVAILABLE! BIODEGRADABLE STRAW WATTLES



FAX/Phone: (916) 453-1456
Email: strawwattles@worldnet.att.net
Web Site: www.strawwattles.com

# PORTABLE SEED STRIPPERS

- COLLECT YOUR OWN SEED FOR RESTORA-TION, LANDSCAPING & EROSION CONTROL
- GRASSES, WILDFLOWERS, SHRUBS & WETLAND PLANTS TO 7.5 FT HIGH
- IDEAL FOR ROADSIDES, STREAMBANKS, ECOLOGICALLY SENSITIVE AREAS & NURSERY PLOTS
- LOW IMPACT, PORTABLE, DURABLE & COST EFFICIENT
- IN USE ACROSS NORTH AMERICA & AUSTRALIA



TOP RIGHT: 18" WIDE HAND HELD MODEL ABOVE: 4' & 12" WIDE PULL TYPE MODELS

## Prairie Habitats

BOX 1, ARGYLE, MB CANADA ROC OBO

PHONE 204 467-9371 FAX 204 467-5004

http://www.prairiehabitats.com



## Sierra View Landscape, Inc.

Lic. No. 429252

#### Wildland Restoration Contractor

Leaders in habitat restoration for over 10 years assisting in the implementation of dozens of mitigation plans and restoration projects throughout northern California including the first mitigation bank in the western U.S.

Our team of professionals design, custom build and install state of the art irrigation systems, develop and implement site specific erosion control and planting techniques, drill seed, hydro seed & broadcast seed native grasslands.

Services also include surveying, as-built drawings, complete maintenance, monitoring and report preparation.



(916) 344-4943 Fax (916) 344-4704

100%

Biodegradable Erosion Control Products



Enterprises, Inc.

## **KoirMat**<sup>™</sup>

WOVEN COIR FABRIC 400, 700, & 900 gms/sq.m

## <u>KoirLog</u>™

COCONUT FIBER LOG 12", 16" & 20" diameter

WE ALSO PROVIDE: Stitched coir & straw blankets, KoirBed, KoirFence, KoirPeat, KoirPot, KoirChip and JuteMesh For Product Literature,
Samples and Prices contact:
Nedia Enterprises, Inc.
Jamaica, New York 11427
(718) 740-5171
FAX (718) 740-1049
Toll free: (888) 725-6999
email: nedia@nedia.com
web: www.nedia.com

Best Source For Erosion Control and Bioengineering Products

## Time is Money. Save Both With GPS.



**GPS Innovations** provides GPS equipment and consulting services for wildlife and restoration ecology, including:

- ▲ LandMark GPS and Field Computers from Juniper Systems
- ▲ GPS Training and Support
- ▲ GIS Application and Integration
- ▲ Data Collection:

Plot sampling
Wetland delineation
Plot location in remote areas
Project boundary locations
Habitat mapping
GPS/Radio telemetry interfaces

▲ Custom Application Programming for:

Forestry
Fisheries
Vegetative sampling
Wildlife

▲ Project Planning

Let our experience work for you. GPS Innovations 2477 Shadywood Road, Suite 100 Excelsior, MN 55331

> Phone: (612) 471-1100 Fax: (612) 471-0007

franks@gpsinnovations.com www.GPSInnovations.com

# THE Louis Berger Group, INC.



**Environmental and Engineering Consultants Since 1953** 

"American Consulting Engineers Council National Excellence Award Winner-Wetland Design"

- Environmental Impact Studies
- Wetland Design and Restoration
- Ecological Restoration
- ❖ Habitat Management Plans
- Endangered Species Surveys
- Aquatic Ecology Studies

For more information or a brochure please contact: Mark Renna 973-678-1960 ext. 485

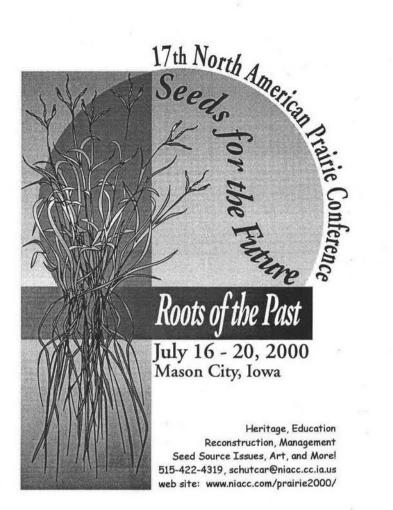
Headquarters: 100 Halsted Street, East Orange, NJ 07018 Offices in: Arizona, Connecticut, District of Columbia, Illinois, Iowa, Louisiana, Maryland, Massachusetts, New Jersey, Nevada, New Mexico, New York, North Carolina, Pennsylvania, Rhode Island, Virginia, West Virginia, Washington



NATURAL MILIEU · WILDLIFE HABITATS PARK - GOLF - LAKE - POND FILTERING MARSHES · WATER FILTRATION

> Consultation Project management Project execution Aquatic plant production Planting contracts

140, ROUTE 202, STANBRIDGE EAST (QUÉBEC) CANADA JOJ 2HO TEL.: 450-248-7008 FAX: 450-248-4623 E-MAIL: fleurdo@acces-cible.net



## VIDEO FOR SALE

A Video Jour of Ecological Restoration Jechniques

with Ann Riley

Waterways Restoration Institute

A video tour of six urban stream restoration sites. Includes information on how projects were funded & organized with community involvement, and history & principles of restoration. See examples of restored streams with detailed instructions & illustrations.

> **\$39.99** plus \$5 shipping & tax No sales tax outside Calif. - CA residents add \$3.26 sales tax

To order your copy contact Nolte Media at: www.noltemedia.com 707-579-3902 Fax 707-544-0499 405-A West College Ave., Santa Rosa, CA 95401

## **Ecological Services**

- Wetland Assessments
- Stream Restoration
- Lake Studies
- Dam Removal Studies
- Fisheries Surveys
- Water Quality Testing



**Ecological Services Division of** Robert E. Lee & Associates, Inc.

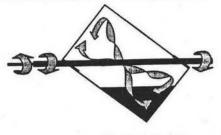
2825 S. Webster Avenue, P.O. Box 2100 Green Bay, WI 54306-2100 •920-499-5789 •FAX 920-336-9141

•E-mail rel@relieeinc.com

# Gordon & Anita Dorn Owners 2162 250th Street Denver, IA 50622

Phone: (319) 984-5374 Fax: (319) 984-5425





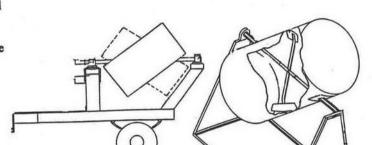
Patented®

"Our company makes use of three Tumble Drums. We have a small hand crank model and a large motorized one that we use for various seed mixes. We utilize a small motorized model to moisturize peat moss. These are quality products and real time savers."

PRAIRIE MOON

NURSERY

Winona, MN



"Worlds Fastest, Most Accurate Mixing System"

This patented one of a kind mixer can be made from ounces to tons, has 98% accuracy in it double tumble action with 0% friction, no damage to the product and 100% clean out.

# NATIVE WETLAND, WOODLAND, PRAIRIE & SAVANNA PLANTS

Nursery Propagated, Grown in 2" open bottom containers and Endomycorrhizal Inoculated for vigorous root growth and transplanting success.

## **Customer Services:**

- Consultation & Design
- FREE SPECS on our Lake Edge Enhancement System
- · Drill & Plug Installation
- · Contract Growing
- · Season-Long Availability
- · Vigorous plants for quick establishment
- · Free Catalog with 120 Species

P.O. Box 546 • Muncie, IN 47308 (765) 286-7154 • Fax (765) 286-0264

www.spencenursery.com

spence restoration nursery,

Creating Hope for the Future

## Wetlands Support, Inc.

**Environmental Consultants** 

- historical reviews
- wetland delineations
- GPS and GIS mapping
- environmental permitting
- habitat restoration/enhancement vegetation and habitat surveys
  - mitigation plan design
    - project management
      - monitoring

215 Sixth Street, Suite C, Seal Beach, CA 90740
Tel: 562-799-1687 Fax: 562-493-2071
email: drennis@earthlink.net
www.home.earthlink.net/~drennis/wetlands



# BITTERROOT RESTORATION INC.

~ Providing comprehensive ecological restoration services since 1986 ~

ECOSYSTEM RESTORATION DESIGN & PLANNING

NATIVE PLANT PROPAGATION AND INVENTORY

FULL SERVICE PROJECT IMPLEMENTATION

Montana Office: 445 Quast Lane Corvallis, Montana 59828 (406)-961-4991 Fax: (406)-961-4626

E-mail: sales@revegetation.com California Office: 55 Sierra College Blvd. Lincoln, CA 95648 (916)-434-9695 Fax: (916)-434-9671 E-mail:

brical@pacbell.net

PLEASE VISIT OUR WEBSITE AT: www.revegetation.com

## Natures Image, Inc.

- Native Habitat Restoration
  - Landscape Construction
    - Exotic Weed Removal
      - Seed Imprinting
        - Straw Blowing
          - Hydroseeding
            - Maintenance

"Serving Southern California"



(949)454-1225 • Fax (949)454-1215 20381 LakeForest Drive, Ste. B19 • Lake Forest, CA 92630 State License #720513

# Frosty Hollow Ecological Restoration

Project Planning & Design Training / Workshops

~ since 1982 ~

#### PACIFIC NORTHWEST NATIVE SEEDS

- ◆ Contract Collection
- Preliminary Site Surveys
- Site Specific Seed Collection
- Scoping Reports & Estimates

Steve Erickson & Marianne Edain Box 53, Langley, WA. USA 98260 (360) 579-2332 wean@whidbey.net Run your (horizontal) business card and reach the most influential people in the field. Black/white preferred. Cards with colored paper or ink will be made into contact prints for additional charge. Do not staple, paper clip, or write on card. Rate: \$70 per insertion. 10% discount given for four consecutive insertions. Send order to: Journals Ad Manager, University of Wisconsin Press, 2537 Daniels Street, Madison, WI 53718-6772. Phone: 608 224-3884. Fax: 608 224-3883. Please call for quarter page or larger size rates.

#### East

#### New England Wetland Plants, Inc.



Native Plants for Wetland Restoration/Mitigation,
Erosion Control and Ecological Restoration
Erosion Control and Bioengineering Products
Native Seed and Seed Mixes
Please contact us for a free catalog
800 Main Street
Amherst, MA 01002
413-256-1752 (ph) 413-256-1092 (fax)
Visit our Website www.newp.com

WBE/DBE Certified



870 W Malaga Road Williamstown, NJ 08094 856/697-6045, fax 697-6050

## Arrowwood Nursery, Inc.

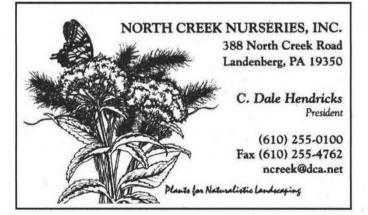
Wholesale Native Trees, Shrubs & Hardy Perennials



"Scientists & Consultants Specializing in Development of Environmentally Distressed Real Estate"

- ✓ Brownfields Redevelopment
- ✓ Ecological & Watershed Restoration Plans
- ✓ Wastewater & Biosolids Management
- ✓ Wetland Delineation, Permitting, & Mitigation Design
- ✓ Wetland Construction & Stream Restoration

Mr. Douglas L. Lashley - Cherry Hill, NJ 856-489-4018 Dr. Douglas J. Frederick - Raleigh, NC 919-831-1234 Dr. Douglas A. Freese - New Cumberland, PA 717-932-2516





Now available for each USF&WS Region 1-101

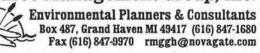
## **Wetland Plant Indicator Status Lists**

Official federal wetland status in common <u>and</u> scientific name alphabetic listings, in a convenient field-vest size.

Prices from \$15-20 (+ \$2 S&H) each.

For info, call TOLL FREE 1-888-847-1680.

## Resource Management Group, Inc.



Wetlands • Lakes • Streams • Botany • Dunes • Coastlines • EA/SRA/EIS • Soils •
 Monitoring • Regulatory Assessment • Permitting • Expert Witness • Litigation Support •





### APPLIED ECOLOGY

Native Landscape Restoration

Prairie Wetland Woodland

Providing ecosystem restoration and management services to land managers seeking beautiful and environmentally appropriate landscapes

Minnesota

(612) 724-8916

Wisconsin



P.O. Box 8227 St. Paul, Minnesota 55108

Phone/fax: (651) 646-2098 e-mail: info@theprairiereader.com web: www.theprairiereader.com

Camille LeFevre publisher, editor



native to the midwest

Prairie · Woodland Savanna · Wetland

Rt. 3 Box 163, Winona, MN 55987 Phone 507•452•1362 • Fax 507•454•5238 • E-mail pmnrsy@luminet.net Free Catalog & Cultural Guide

## **Shooting Star Native Seeds**

- · Local ecotype prairie grass & wildflower seed
- · Yellow tag (source identified) seed
- · Custom & DOT seed mixes
- · Prairie & wetland installation services
- Member: MN Crop Improvement Assoc. & MN Native Wildflower/Grass Producers Assoc.

(507) 498-3944 • fax (507) 498-3953 P.O. Box 648, Spring Grove, MN 55974



Retail

Wholesale

CONTAINER GROWN

#### Native Trees, Shrubs and Perennials

Woodland • Savanna • Wetland • Prairie

> Wildlife Attraction > Restoration Projects > Erosion Control > Natural Beauty

All plants from local gene-pools phone (651) 438-2771

800-651-3626 fax (651) 438-3816 www.outbacknursey.com

15280 – 110th St., S., Hastings, MN 55033 Catalog \$2

Member Minnesota Native Plant Society and Minnesota Nursey & Landscape Association

West

# PHILLIPS SEEDING and RECLAMATION, INC.

Revegetation Specialists
Seeding of Native Grasses, Forbes and Shrubs

11843 Billings Lafayette, Colorado 80026 (303) 665-2618





## Robson Botanical Consultants & Nothing But Northwest Natives

14836 NE 249th Street
Battle Ground, WA 98604
Phone/Fax (360) 666-3023
Kali Robson, PhD & Tom Henn, MS

Nursery: Mar1-Oct 31, Thu-Sun, 10-6:00, or by appt.

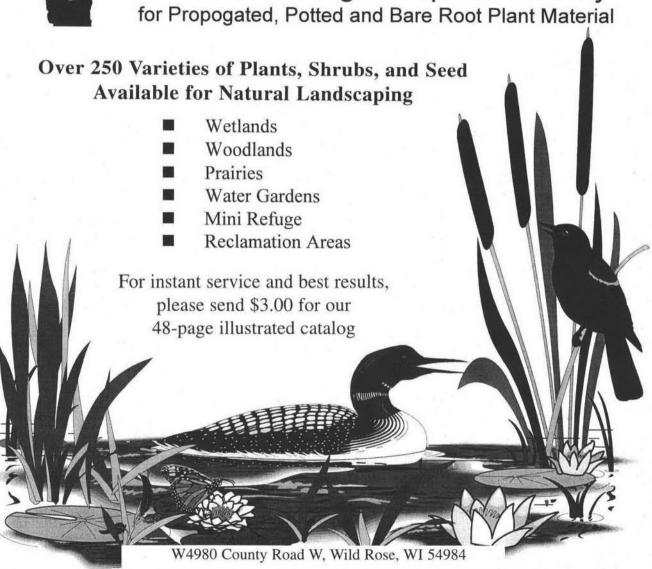
Perennials, Shrubs & Trees for Ponds, Native Gardens, etc.
Plant Identification - Wetlands, Rare Species, Exotics
Vegetation Monitoring, Data Collection & Analysis

# J & J

# **Tranzplant Aquatic Nursery**



Wisconsin's Largest Aquatic Nursery for Propagated, Potted and Bare Root Plant Material



Telephone (715) 256-0059 or (715) 256-0196 Facsimile (715) 256-0039

For Orders Only: (800) 622-5055 Office Hours: 8:00 a.m.-5:00 p.m. Monday-Saturday

Website: www.tranzplant.com E-Mail: kmalchow@tranzplant.com jmalchow@tranzplant.com

dnelsen@tranzplant.com