



Jeremiah Dandoy records bones following an excavation.

Learn About Global Warming and More at Sustainability Summit

The Lincoln County Sustainability Summit will be held Oct. 6-7 from 8 a.m. to 6:30 p.m. at the Atonement Lutheran Church next to the Lincoln County PUD office, which is across the street from Rite Aid and Safeway in Newport, Ore.

This event is being organized by the Lincoln County Sustainability Coalition and is co-sponsored by OSU Extension, Oregon Tilth, the Solar Energy Association of Oregon, and several local businesses and private individuals in Lincoln County.

This is a free event and everyone is welcome to attend all or part of the summit. Pre-registration is **not** required.

Topics will include global warming, solar energy, supporting our local farmers and other local food producers, raising your own food, local conservation and restoration projects, ecotourism, and the economic value of our natural resources and viewsheds.

There will be in-depth panel discussions with audience participation, informative talks with an emphasis on practical information, interactive exhibits, prizes, and a pledge drive to replace incandescent bulbs with fluorescent bulbs to save energy and reduce global warming.

Food served at the summit will be collected from **local** Lincoln County sources, including farmers, fishermen, gardeners, community gardens, and wild

foods such as mushrooms and berries. Students from the Angell Job Corp and other volunteers will prepare and serve this food to summit participants.

Lincoln County kids from several schools will make significant contributions to the summit. Please come and support their efforts.

Several homegrown Lincoln County-based sustainability projects are being developed that promise to have a far-reaching long-lasting impact on our community. Information on how people can get involved with the Lincoln County Sustainability Coalition and contribute to these practical sustainability projects will be announced at the summit.

As an immediate follow-up to the summit, on Oct. 8, the Lincoln County Sustainability Coalition also is co-sponsoring the first Lincoln County Solar Tour & Habitat Restoration Tour. This will give participants an opportunity to visit places in our county that use solar equipment, ask questions, and observe firsthand how habitat restoration is accomplished.

For more information and a complete agenda, please visit the Lincoln County Sustainability Coalition's Web site at www.LincolnCountySustainabilityCoalition.org.

Volunteers also are needed for the summit. If you are interested, please call Cindy Ashy at 541-270-0588.

Museum Program Explores 10,000 Years of Gaming

While excavating at Gordion, Turkey, in the summer of 1994, archaeologist Jeremiah Dandoy came across groups of sheep and goat astragali, often called knucklebones. Some were shiny from apparent use and a few were incised with initials or names of gods.

Turkish workers told him that children played games with such bones and men played games of chance with them. This information led him to dig further (pun intended) and he was fascinated by what he unearthed about these bones.

Astragali, or knucklebones, are ubiquitous as non-food culture items. They have been used for at least 10,000 years as divination tools, gaming pieces, personal adornments, "worry beads," and dice.

Their presence has been documented throughout the world, from the Middle East to Africa, Europe, and the Western Hemisphere, including use by American Indians.

Astragali have been depicted in a variety of art forms, replicated in natu-

ral and man-made materials, and found singly and in large groupings in living quarters, temples, sanctuaries, tombs, simple graves, and people's pockets.

The bones have been ground, polished, drilled, painted, dyed, incised, and filled with metal. In games, the bones' sides have symbolized social strata, been used to tell fortunes, and provided choices for gambling. In short, the astragalus, in its many forms and uses, reflects societal changes over time.

Since 1990, Dandoy has been digging, writing, and speaking about early forms of gaming. On Oct. 7 at 1 p.m., he will do a presentation at the North Lincoln County Historical Museum titled *10,000 Years of Gaming Using Knucklebones (Astragals)*. The presentation will include photo, stories, and examples of knucklebones from his digs.

The museum is located at 4907 SW Highway 101 in Lincoln City, Ore. Call Anne Hall, 541-994-6698, for more information or directions to the museum.

UPS Foundation Provides Education Grants

UPS Foundation Education Grants fund high-impact philanthropic programs that raise the level of educational instruction, family learning opportunities, and school involvement projects.

Maximum Award: varies. Eligibility: 501(c)(3) organizations. Deadline: N/A.

For more information, visit www.community.ups.com/philanthropy/grant.html.



Stan van de Wetering and Brett Blundon check on some of the oysters.

Oysters, con't from page 1

The resultant juveniles were taken to the Oregon Oyster facility and reared for a few months alongside the Netarts group. In early August, tribal personnel began to place the two groups (Netarts and Yaquina) of juveniles at six different sites across Yaquina Bay.

These young oysters will be monitored monthly for their ability to feed and grow at a given site, their ability to compete with other organisms for space, and their susceptibility to predators.

At the end of the year, an analysis will be completed to help determine where current habitat conditions might best allow for native oyster restoration. From there, the tribe will look at obtaining a second grant that will allow it to move forward with a larger-scale restoration project with a specific focus on certain sites where good survival rates are expected.