RAIN is a monthly bulletin board. As stuff comes our way by phone, mail, feet, hands and mouth we make entries, abstracts, paragraphs. We emphasize environmental/energy related and communications kinds of information; and we are interested in the evolutionary possibilities of interdisciplinary connections.

Our geographic emphasis is the Pacific Northwest, though our prejudice will be Oregon, and more specifically Portland. You can correct our bias by your feedback, sending us information on projects, exciting books, pieces, newsletters, ideas, photos, corrections.

Positions and Situations is a place for you to locate others, more or less without our editorial intervention. If you are thinking about thinking about doing something here's the place to find next steps and connections.

We have spent nearly as much time constructing our mailing list, as compiling the newsletter. It is presently composed of environmental educators, people doing energy related research, other newsletters, other centers, community organizers, governmental and private environmentally related groups and agencies.

If you have other persons you think should receive RAIN, drop us a note.

You will notice initials following some entries: The person submitting the entry is found in the list of contributors.

In addition to RAIN, during the year we expect to publish: 1) City Survival, a short directory (or series) to information resources in Portland, 2) A Directory of Environmental Information Resources in the Pacific Northwest, 3) How To Sheets, guides to getting things done, like how to find your way through governmental bureaucracies, 4) An Access Guide, to materials at EEC/Energy Center.

Please mention RAIN when asking for information from individuals and groups, as it then encourages those people to keep us posted.

(S.J.)

---

CALENDAR

Dec. 1  "Looking Backward with Lewis Clark Cook. Wandering around the U.S. with Trixie and Dixie, Oaks Park, and more. Portland Art Museum. 7:30 pm.


Dec. 7-8  Humanistic Astrology. Symposium I. (Presented by the Institute for the Study of Man, P.O. Box 1451, Lake Oswego, Ore. 97034. [503] 636-2332.) At Lewis and Clark College.

Dec. 13  L.C.D.C. (Land Conservation and Development Commission) final hearing on Draft of Land Use Goals. At the State Capitol, Rm. 20, Salem, Ore. 10 am.
AGRICULTURE

Forest Seedlings
State of Oregon, Dept. of Forestry
2600 State St.
Salem, Ore. 97310
(503) 378-2562

6 million tree seedlings available.
Douglas Fir, Black Locust, Incense Cedar,
many more. Shipping, mid-December.
Order blanks, price info., planting advice
from above address.

Northwest Foraging
Doug Benoie
Signpost Publications
Lynwood, Wn.
$4.50.

Malthus and America
(A report about food and people)
Subcommittee on Dept. Operations
of the Committee on Agriculture,
House of Representatives
From: U.S. Government Printing
Office, Washington, D.C. 20402
40c (courtesy copies from congres­
sional representatives.

"For example, in the less devel­
oped countries, approximately 400
pounds of grain is available to the aver­
age person, nearly all of which must
be consumed directly merely to
meet minimal food energy needs. . . .
Contrast this example to the average
North American who uses nearly a
ton of grain per year. Of this ton, less
than 200 pounds is consumed direc­
tly as bread, pastry, and breakfast cer­
el. The remaining 1800 pounds is
consumed indirectly in the form of
meat, milk, and eggs."

Farallones Institute
P.O. Box 700
Point Reyes Station, Cal. 94956

Has an apprenticeship program in four
areas of study:
1) Architecture, building and land use.
2) Small scale natural energy systems,
ecosystems management, and food pro­
duction.
3) Documentation and photography,
design with nature, appropriate tech­
tonology, design for small-scale coherence
and economy, village scale.
4) Use and development of an integral
urban homestead and agricultural field
state (80 acre working farm).
A project of a non-profit California
corporation, Community for Environ­
mental Change.

ARCHITECTURE

House For An Indian Family
Now Available only from:
Len Dawson
4615 Bagley Ave. N.
Seattle, Wn. 98105
Pole Frame, minimum energy use,
$5.00.

COMPUTER

Computer Conferencing
Synergy Access
21st Century Media
606 5th Ave. E
Northport, N.Y. 11731
(516) 368-2609

The Oct., 1974 issue of Synergy Ac­
cess has lots of information about com­
puter conferencing, techniques, and tech­
ology. Wes Thomas.

Free public access to a computer
(DIALOG) with millions of references
on a wide variety of educational, scient­
ific, psychological, agricultural, and busi­
ness fields is now offered at several Cal­
ifornia Bay Area libraries. It is a NSF
funded experiment in public access to
large computer bases. Access to DIALOG
is also possible by terminal and phone
directly from other parts of the country
for approximately $110 per question.
Jean Rice, Cockheed, Sunnyvale, Cal.,
(408) 742-6688.

- Synergy Access
Oct., 1974
CONSCIOUSNESS

Real Time
P.O. Box 488
Planetarium Station
New York, N.Y. 10024

Real Time 2
John Brockman and Edward Rosenfeld
Anchor Books / Doubleday, 1973, $3.95

Here is one of the best guides. A review/abstract of ideas about where we are going, how we perceive, ways to assemble and construct the theater of ideas. This issue reveals a new section on people. "Real Time Interconnects."
John Lilly in No. 2

see also education

EDUCATION

New Schools Exchange
Pettigrew, Arkansas 72752
(501) 677-2900
Monthly newsletter and 112 page directory of "alternative" schools (900). In general, a clearing house for information about alternative schooling. $10/yr.

Environmental Sciences Foundation, Inc.
5400 Glenwood Ave.
Minneapolis, Minn. 55422
(612) 544-8971
Non-profit, tax exempt foundation involved in research, planning and development of environmental education curriculum materials; teacher training and workshops; classes (often with credit in local colleges); site planning and consulting. Trial editions available free for evaluation.

The National Career Development Project
United Ministries in Higher Education
627 Taylor St. No. 22
San Francisco, Cal. 94102
(415) 771-5236

ERIC—Information Analysis Center for Science, Mathematical and Environmental Education
Ohio State University
1800 Cannon Drive
400 Lincoln Tower
Columbus, Ohio 43210
(614) 422-6717
ERIC (Educational Resources Information Center) is a network of sixteen specialized clearing houses. For specialties and general information, contact:
ERIC
National Institute of Education
Washington, D.C. 20202
Access, in addition to direct inquiry, is made basically through two periodicals: Research in Education, an abstract journal, and Current Index to Journals in Education, a title/author subject and "key description" index.
Write to E.R.I.C. (Ohio Center) for brochure explaining access to environmental education information. Extensive microfiche publication project.

Falls Creek Project
138 W. Broadway
Missoula, Montana 59801
A six week living, working and learning experience. The way we treat each other and the way we treat our environment are concerns which must not be separated.

ERIC—Information Analysis Center for Science, Mathematical and Environmental Education
Ohio State University
1800 Cannon Drive
400 Lincoln Tower
Columbus, Ohio 43210
(614) 422-6717
ERIC (Educational Resources Information Center) is a network of sixteen specialized clearing houses. For specialties and general information, contact:
ERIC
National Institute of Education
Washington, D.C. 20202
Access, in addition to direct inquiry, is made basically through two periodicals: Research in Education, an abstract journal, and Current Index to Journals in Education, a title/author subject and "key description" index.
Write to E.R.I.C. (Ohio Center) for brochure explaining access to environmental education information. Extensive microfiche publication project.

Resources for Youth
National Commission on Resources for Youth
36 W 44th St.
New York, N.Y. 10036
A non-profit organization. Collecting and disseminating information since 1967 on innovative education programs that stress work/study, real results (Foxfire), and student initiated projects. Files on over 700 programs. Write for sample newsletter.

Center for Participant Education
Florida State University
Rm. 251, University Union
Tallahassee, Florida 32306
(904) 644-6447
Special studies center: Centering, women's study, Odum's work, etc. A large part of the special program involves the use of video. They have a library of video tapes.

Ralph Kazarian
National Science Foundation
1800 G Street
Washington, D.C. 20550
(202) 632-5728
Energy savings up to 50% can be attained in school buildings, without adversely affecting the quality of education, according to a study made public by the NSF.

Matters of Choice
A Ford Foundation Report on Alternative Schools
Office of Reports
320 E. 43rd St.
New York, N.Y. 10017
Report available covering models such as Philadelphia's Parkway Program (city as school), community center schools, schools within schools. Free.

Earthmind
Jose L.
Saugus, Calif. 91350
(805) 251-3053
A non-profit research and education corporation. Booklets and books produced on low-cost high-quality nutrition, wind and wind-spinners, It's All Done with Fossil Fuels, and others. Write for introductory letter.

Outback
Fairhaven College
Bellingham, Wash. 98225
On five acres some people are doing research into alternative agriculture and energy production methods. Credit through Fairhaven in two courses: Alternative Energy Systems and Alternative Agriculture.

December, 1974
November 7, 1974

Dear Mr. Johnson,

Thanks for sending me a copy of RAIN.

I enclose a copy of the report of our Forum on Nuclear Power held last year. Copies may be had by writing me care of the Parliament Buildings, Victoria, British Columbia.

We also held a two week long Alternative Energy Show (mentioned in the forward of the report) and hope to be able to prepare film clips and materials from the two events for future distribution.

Yours truly,

Harold Steves, M.L.A.
Richmond
Legislative Assembly
Victoria, B.C.
Canada

Windworks
Box 329, Rt. 3
Mukwonago, Wis. 53149

Wind Energy Bibliography, a 100-page guide that includes wind data sources, home build, where to buy, parts and whole, conference proceedings and associations, $3. Wind Information Sheet, 6-page introduction to wind power, bibliography, source list. 'We're now doing a hub and blade system to be attached to Jacob's Generators and run downwind.'

—Ben Wolff

Who's Got the Power?
Center for Science in the Public Interest
1779 Church St. NW
Washington, D.C.

Conference listings for the February, 1974, Conference on Energy. One of the best leads into energy research centers, state agencies, industrial projects. $1.50.

Federal Power Commission
Washington, D.C. 20426

Published weekly. Contains: Press releases; rate changes proposed by independent gas producers and interstate pipeline companies; quality statements filed by independent producers; and listings of formal documents issued by the FPC. Free.

Oregon Office of Energy Conservation and Allocation
528 Cottage NE, Rm. 301
Salem, Ore. 97310

A newsletter that covers regional, national, and international energy developments. Free.

A Time to Choose: America's Energy Future


FIREFOOD

From: Information Education Section
2600 State St.
Salem, Ore. 97310


Alternative Energy Resources Organization
417 Stapleton Bldg.
Billings, Montana 59101

The parent organization, Northern Plains Resource Council, is now publishing Sun Times. Network of alternative energy information. Sample newsletter. $10/yr. membership.

About a year ago, the Center for Advanced Computation at U. of Illinois did a study on the net energy production of quick food places such as McDonald's. Their conclusion: Such places produce only 1/10 of the energy used to facilitate production.

November, 1974

Institute for Alternative Futures
2376-E Walker Rd.
Mt. Vernon, Wn. 98273

Events over the last year have included: Solarice celebration, experimental HUB design, and geodesic dome, compost pile completion, development of organic gardening experimental site, experiments with colored plexiglass on plant growth, a written grant on rural mass transportation for Island County, gatherings with various skills, Help House, Inc., N. Community TV Project, Evergreen Land Trust, OPEN, Stateline Alternative Power Systems, Inc....

A.S.U.W.
Experimental College
203 Hub, UW
Seattle, Wn. 98195

If you want to see the range of possibilities for learning when accreditation is removed, write for the fall catalog. Thanksgiving in a downtown hotel. What does the shirt have in common with Notre Dame? UFO's.

Knowledge for Use
3066 SW Flower Terrace
Portland, Ore. 97201
244-9122

Energy Workshops each Friday, 4pm at the Environmental Education Center. Began on Friday, Nov. 22.

Starting in January: A class through Systems Science, Portland State University, "Human Beings, Systems and Knowledge."

also information, agriculture

ENERGY

Federal Power Commission
Washington, D.C. 20426

Published weekly. Contains: Press releases; rate changes proposed by independent gas producers and interstate pipeline companies; quality statements filed by independent producers; and listings of formal documents issued by the FPC. Free.

Oregon Office of Energy Conservation and Allocation
528 Cottage NE, Rm. 301
Salem, Ore. 97310

A newsletter that covers regional, national, and international energy developments. Free.

A Time to Choose: America's Energy Future


FIREFOOD

From: Information Education Section
2600 State St.
Salem, Ore. 97310


Alternative Energy Resources Organization
417 Stapleton Bldg.
Billings, Montana 59101

The parent organization, Northern Plains Resource Council, is now publishing Sun Times. Network of alternative energy information. Sample newsletter. $10/yr. membership.

About a year ago, the Center for Advanced Computation at U. of Illinois did a study on the net energy production of quick food places such as McDonald's. Their conclusion: Such places produce only 1/10 of the energy used to facilitate production.

November, 1974

Institute for Alternative Futures
2376-E Walker Rd.
Mt. Vernon, Wn. 98273

Events over the last year have included: Solarice celebration, experimental HUB design, and geodesic dome, compost pile completion, development of organic gardening experimental site, experiments with colored plexiglass on plant growth, a written grant on rural mass transportation for Island County, gatherings with various skills, Help House, Inc., N. Community TV Project, Evergreen Land Trust, OPEN, Stateline Alternative Power Systems, Inc....

A.S.U.W.
Experimental College
203 Hub, UW
Seattle, Wn. 98195

If you want to see the range of possibilities for learning when accreditation is removed, write for the fall catalog. Thanksgiving in a downtown hotel. What does the shirt have in common with Notre Dame? UFO's.

Knowledge for Use
3066 SW Flower Terrace
Portland, Ore. 97201
244-9122

Energy Workshops each Friday, 4pm at the Environmental Education Center. Began on Friday, Nov. 22.

Starting in January: A class through Systems Science, Portland State University, "Human Beings, Systems and Knowledge."

also information, agriculture

ENERGY

Federal Power Commission
Washington, D.C. 20426

Published weekly. Contains: Press releases; rate changes proposed by independent gas producers and interstate pipeline companies; quality statements filed by independent producers; and listings of formal documents issued by the FPC. Free.

Oregon Office of Energy Conservation and Allocation
528 Cottage NE, Rm. 301
Salem, Ore. 97310

A newsletter that covers regional, national, and international energy developments. Free.

A Time to Choose: America's Energy Future


FIREFOOD

From: Information Education Section
2600 State St.
Salem, Ore. 97310


Alternative Energy Resources Organization
417 Stapleton Bldg.
Billings, Montana 59101

The parent organization, Northern Plains Resource Council, is now publishing Sun Times. Network of alternative energy information. Sample newsletter. $10/yr. membership.

About a year ago, the Center for Advanced Computation at U. of Illinois did a study on the net energy production of quick food places such as McDonald's. Their conclusion: Such places produce only 1/10 of the energy used to facilitate production.
The State Environmental Education Conference at Menucha found the Menucha Conference Grounds as beautiful as ever. One of the main concerns of the conference appears to have been “public understanding and support.” The workshop which was facilitated by the Environmental Education Center dealt with the topic of how to relate to the media, and how to determine what kind of media coverage to use. The appearance of several members of our local friendly media group (Jack Berry, KATU, Mike Sakellarides, KGW Radio, and Maureen MacNasser, OSPRIG, Charles Auch, OMSI Eco-Net), encouraged people to approach and establish relationships with the local media. Case-study presentations by Don Stotler, EEC; John Gustafson, LCDC; Roberta Caughlan, Eco-Aesthetics; and Andrea Scharf, the Portland Saturday Market, further stressed community contact and involvement. Hopefully people left Menucha with some feeling for the importance of good media relations to achieving this goal of “public understanding.” We expect to publish proceedings follow-up soon.

Bob Phillips, OMSI Eco-Net, and Anita Helle, EEC, will soon visit a video group at Newport and the Oregon Coastal Conservation and Development Commission in Florence, Oregon. They hope to use their time locating possibilities for using students to document coastal problems through video-tape and to view some of the recent community video projects aired on coastal cable access channels.

The EEC will soon initiate a series of new publications which will provide how-to-do-it information for any group on such subjects as how to brainstorm, how to get funded, how to do a model block, how to close a street, and other subjects which relate to the skill which many groups have asked us about. Give us a call if you have other ideas about how-to-do-it information which fits your needs. And watch RAIN for further details.

“Community Centers,” an article by Don Stotler published in Futures Conditional, is available from the Center on request.

SPOKANE ECO-NET MEETING was held Nov. 15th with the continued discussion of how to increase communication among environmental educators. Lots of interest in utilization of RAIN as a preliminary vehicle for exchange and how to correct its present Portland bias. Also discussed were possibilities of video-tape exchanges; the need for better inter-state telephone access; production of information packages, especially for mass media; and possibilities of a Lewis and Clark '76 excursion through the Northwest as a regional unifying project.

“A good educational system should have three purposes: it should provide all who want to learn with access to available resources at any time in their lives; empower all who want to share what they know to find those who want to learn it from them; and, finally, to furnish all who want to present an issue to the public with the opportunity to make their challenge known .... It should use modern technology to make free speech, free assembly, and a free press truly universal and, therefore, fully educational .... Things, models, peers, and elders are four resources each of which requires a different type of arrangement to ensure that everybody has ample access to it.”

Environmental Program for the Future
U.S. Dept. of Agriculture
U.S. Forest Service
P.O. Box 3623
Portland, Ore. 97208


Promotion of an increased public awareness of possible futures, investigation of probable futures, and development of the methods for determining and working towards desirable futures.

Promotion of an increased public awareness of possible futures, investigation of probable futures, and development of the methods for determining and working towards desirable futures.

1974 Classroom Games Catalog
Games Central (ABT. Associates)
55 Wheeler St.
Cambridge, Mass. 02138


Table A - Energy Research Program - U.S. Department of the Interior
Budget Items by Agency and Activity--FY 1975

<table>
<thead>
<tr>
<th>EXPLORATION</th>
<th>EXTRATION</th>
<th>COVER AGE</th>
<th>CONVERSION</th>
<th>TRANSPORTATION</th>
<th>CENTRAL STATION CONVERSION</th>
<th>TRANSPORTATION DISTRIBUTION</th>
<th>DECENTRALIZED CONVERSION</th>
<th>END USE</th>
<th>TOTAL OF TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUREAU OF LAND MANAGEMENT</td>
<td>DCS IMPACTS U.S. P. 112</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>16.8</td>
</tr>
<tr>
<td>GEOLOGICAL SURVEY</td>
<td>COAL 2.0, P. 94</td>
<td>OIL &amp; GAS 10.5, P. 106</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>22.0, P. 103</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>COAL 2.6, P. 98</td>
<td>OIL &amp; SHALE 3.7, P. 103</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUREAU OF MINES</td>
<td>COAL 34.7, P. 103</td>
<td>OIL &amp; GAS 28.8, P. 113</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OIL &amp; SHALE 8.1, P. 103</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OFFICE OF ENERGY CONSERVATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BONNEVILLE POWER ADMINISTRATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUREAU OF SPORT FISHERIES AND WILDLIFE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OFFICE OF COAL RESEARCH</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUREAU OF RECLAMATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OFFICE OF RESEARCH AND DEVELOPMENT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


**TELEVISION**

**KATU-TV, Channel 2**
2133 N.E. Sandy Blvd, 97208
(503) 223-2740
OP: Fisher's Blend Station, inc. Gen. Mgr.: William J. Hubbach Range: 50 mile radius of Portland Hours: Weekdays 6:30 to 1:00 a.m. Weekends 6:30 to 2:00 a.m. Network: ABC-TV Format: Commercial TV Public Service: Announcements, Shows, Calendar of Events, Programs.
Program Director: Chuck Gingold News Contact: Thayer Walker PA Contact: Roy Cooper PSA Contact: Suzanne Kandra PSA: At least two weeks in advance of the event, 60, 30, & 10 sec. spots. Slides with copy spots should not exceed 20 sec. in length.

**KGW-TV, Channel 8**
1551 S.W. Jefferson 97201
(503) 224-8620
OP: King Broadcasting Co. (Seattle) Range: Gen. Mgr.: Forest W. Amsden

**KOOP-TV, Channel 10**
2828 S.W. Front 97201
(503) 228-4892
OP: Ore. Ed. & Public Broadcasting, Gen. Mgr.: Bob Hinz Range: 50 mile radius Hours: 8:00 a.m. to 11:00 p.m. (July to Sept. 4:00 p.m. to 11:00 p.m.) Network: PBS Affil: KOAF(FM) Format: Ed. & Public Affairs Programming, Public Service: Announcements (non-fund raisers), Shows, Calendar of Events, Feedback — Phone in to announcements.
Program Director: Tom Doggett News Contact: Luke Roberts PA Contact: Luke Roberts PSA Contact: Marion Billings

**KOIN-TV, Channel 6**
140 S.W. Columbia Street 97201
(503) 228-3333

**RADIO**

**KBBO, 90.9 mhz FM**
3113 S.E. Belmont Street, Portland 97214
(503) 224-5433
OP: Jack Straw Memorial Foundation Gen. Mgr.: John Rich Range: 20 miles Hours: 5:00 a.m until past midnight Network: National Public Radio Format: Non-commercial free form, Prog. by request (Classical, concert jazz) Public Service: Public affairs shows; Community calendar of events, Open forum — Half hour nightly 7 p.m.; prog. soliciting views and opinions.
Program Director: Karen Buncik News Contact: Bill Reinhardt PA Contact: Bill Reinhardt PSA Contact: Joanne Gilbertsen

**KBSR, 1450 kHz AM**
546 N.E. 12th Ave, Portland 97232
(503) 234-5489
OP: Portland Public Schools (Student operated) Range: 50 miles Hours: 6:00 a.m. to 12:00 midnight Network: National Public Radio Format: Ed. Network Shows; some BNSN produced broadcast; concert, Public Service: Announcements; Community Calendar of Events, Program Director: Dr. Patricia L. Swanson, general mgr. News contact: Darrell G. Conser PA Contact: Darrell G. Conser PSA Contact: Frances Kriger, traffic manager

**KEX, 1190 kHz AM**
2130 S.W. 5th, Portland 97201
(503) 222-1190 bus, phone — 222-1929 news phone OP: Golden West Broadcasters, Inc. General Mgr.: Richard Hale Range: S.W. Washington-Northern California (Entire Coast) Hours: 24 hours Network: ABC Information Network Format: Middle of the road, Contemporary; news, sports. Public Service: Announcements; public affairs shows; calendar of events; talk show 10 p.m. to 2 a.m. 6 days a week. Religious on weekend; minority report—twice a month. Program Director: Vic Ives News Contact: Darrel Hale PA Contact: Rha Dewart, Continuity Dept. PSA's: Should be typed in narrative form, 30 secs. or less and should be in station at least two weeks prior to event. (Guideline sheet available).

**KGAR, 1550 kHz AM**
2800 Welches Street (P.O. Box 1887)
Vancouver, Wash. 98663
(503) 365-5575 or 238-2084 (206) 693-5970 or 696-9731 OP: Radio Station KGAR Gen. Mgr.: R. T. Fletcher Range: Statewide Area Hours: 6 a.m. to local sunset Network: ABC Contemporary Network Mutual-Black Network
Public Service: Announcements; occas. shows; calendar of events; live interviews of persons with issues of major importance to the community.
Format: Golden Hits Audience 18-49, Mon.-Fri.; Sat-Sun.
Program Director: Bob Zink
News Contact: Bob Duke
PA Contact: Gordon Rogers
PSA Contact: Gordon Rogers
PSA’s: Gen. prep. to Vancouver. Clark County and Washington State oriented. Public Service then to Greater Portland Area. typed in cap., double spaced, 30 sec. - 5 days notice.

KGAR- SOUL, 1550 kHz AM
314 S.W. 9th Ave., Portland 97205 (503) 225-0509
Format: Contemporary; Classical; 5,000 AM/100,000
Gen. Mgr.: None
Network: None
Hours: 6 a.m. - 12 midnight
Program Director: Jim Rose
PA Contact: Debbie Cole
PSA Contact: Debbie Cole
PSA’s: At least one week before event. Prefer, 20 sec. or 10 sec., PSA’s you prepare or they prepare from your fact sheet.
PSA’s: Must be in writing and received at least 72 hours prior to broadcast.

KGON, 92.3 MHz FM (statewide)
1501 S.W. Jefferson, Portland 97201
224-8620
Format: Contemporary, Rock
Gen. Mgr.: Tom Jackson
Range: Tri-County
Hours: 24
Network: ABC
Program Director: Al Mason
PA Contact: Bob Beran, Bill Marist
PSA’s: Written request only — att. ub. serv. ann.

KINK, 102.9 MHz FM
1501 S.W. Jefferson, Portland 97201
(503) 224-8620
Format: Contemp., Rock
Gen. Mgr.: Jeff Douglas
Range: 100 mile radius
Hours: 24
Network: ABC
Program Director: Al Mason
PA Contact: Jackie Crist
PSA’s: Written request only — att. ub. serv. ann.

KQIV-FM, 1070 kHz AM
P.O. Box 207, McMinnville 97128 (503) 472-2151
Format: Contemporary Broadcasting
Gen. Mgr.: Norman Aldred
Range: Six counties in Willamette Valley
Hours: A.M. Mon.-Sat. thru Thurs. 6:45 a.m. to 1:00 a.m. Fri., Sat.
Network: station affiliations.
Format: Country & Western
PA Contact: Jim Linegar
Program Director: Jim Linegar
PA Contact: Phil Pratt
PSA Contact: Phil Pratt
PSA’s: Re-read PSA material at least one week in advance.

KOQA FM, 97.1 MHz FM
4903 N.E. Sandy Blvd. 97213
282-3150
Gen. Mgr.: Robert Ball
Range: 30 miles
Hours: A.M. 6 a.m. to S.S. FM 24 hours
Network: None
Format: Religious programs, music
Public Service: Announcements, shows, limited, calendar of events, Church calendar
Program Director: David Winchester
PA Contact: Debbie Cole
Program Director: Gail Hatrick
PA Contact: Gail Hatrick
PSA’s: Must be typed and copy, no tapes or records.
One week in advance.

KPOQ, 1330 kHz AM
1019 S.W. 10th Ave. 97205 (503) 227-3484
Format: Contemporary
Gen. Mgr.: Robert Franklin
Range: 60 miles
Hours: 24
Network: None
PA Contact: Dave Beeler
PA Contact: Paul Scales
PA Contact: John Bench
PSA Contact: Paul Scales
PSA’s: Must be written copy 2 weeks in advance.

KPNW, 100.3 MHz FM
P.O. Box 6444 97207 (503) 227-6681
Format: Talk, Sales, etc.
Gen. Mgr.: John Wright
Range: 65 miles
Hours: 24
Network: None
PA Contact: Dave Beeler
PA Contact: Paul Scales
PA Contact: John Bench
PSA Contact: Paul Scales
PSA’s: Deadline 2 weeks in advance.

KUJO, 99.5 MHz FM (Stereo)
931 S.W. King, Portland 97205 (503) 228-4992
Format: Contemporary, Classic, Blues
Gen. Mgr.: Jim McDonald
Range: 90 miles
Hours: 6 a.m. to midnight
Network: None
Affiliation: KOJI AM
Format: Middle of the road, Pep, Classical
PA Contact: Tom Doggett
News Contact: Charles Stroutger
PA Contact: Tom Doggett
PSA’s: None
KQIN RADIO, AM 970 kHz/101.1 MHz FM (Stereo)
140 S.W. Columbia, 97201 (503) 227-3333
Format: Mt. Hood Radio & Televisian Corp.
Range: Four County Area
FM-50 per cent dup.
Format: AM-Middle of the road; pop, contemporary
PA Contact: Jean Doggett
PSA Contact: Tom Doggett
PSA’s: Must be written copy, no tapes or records.
KVPB, 91.1 MHz FM (Stereo)
P.O. Box 1230 97201 (470 S.W. Council Crest Dr.) (503) 226-7766
Format: Classical Radio
PA Contact: Wayne E. Epidemiology
PA Contact: Dave Beeler
PA Contact: Paul Scales
PA Contact: John Bench
PSA Contact: Sheila Hollerich
PA Contact: Tom Doggett
News Contact: Charles Stroutger
PA Contact: Tom Doggett
PSA’s: None
KZIO FM, 1070 kHz AM (Quad-Stereo)
P.O. Box 1230 97201 (470 S.W. Council Crest Dr.)
(503) 226-7766
Format: Classical Radio
PA Contact: Wayne E. Epidemiology
PA Contact: Dave Beeler
PA Contact: Paul Scales
PA Contact: John Bench
PSA Contact: Sheila Hollerich
PA Contact: Tom Doggett
News Contact: Charles Stroutger
PA Contact: Tom Doggett
PSA’s: None

PA Contact: Tom Doggett
News Contact: Charles Stroutger
PA Contact: Tom Doggett
PSA’s: None
The CUE/BULLETIN is published at occasional intervals by the Center for Urban Education (an agency of Ecumenical Ministries of Oregon) and the Oregon Consumer League. It is distributed free to the public. The CUE/BULLETIN is an updating of our 1972 Portland Media Guide. Assisting in the preparation of this issue were: Cathie McCrae, Rick Paulson, and Mary Beth Onk.

The CUE/BULLETIN is published at occasional intervals by the Center for Urban Education (an agency of Ecumenical Ministries of Oregon) and the Oregon Consumer League. It is distributed free to the public. The CUE/BULLETIN is an updating of our 1972 Portland Media Guide. Assisting in the preparation of this issue were: Cathie McCrae, Rick Paulson, and Mary Beth Onk.

The CUE/BULLETIN is published at occasional intervals by the Center for Urban Education (an agency of Ecumenical Ministries of Oregon) and the Oregon Consumer League. It is distributed free to the public. The CUE/BULLETIN is an updating of our 1972 Portland Media Guide. Assisting in the preparation of this issue were: Cathie McCrae, Rick Paulson, and Mary Beth Onk.

To be cont. next month.
Whole Earth Epilog
P.O. Box 99554
San Francisco, Calif. 94109

Includes index to Last Whole Earth Catalog. Excellent source book, especially for education, energy, whole systems, crafts, and survival tools. Long special section on access to China. A must for people interested in the range of information presented in RAIN. Available at most bookstores. 300 pgs. Sept., 1974. $4.00.

BRITISH COLUMBIA'S NATURAL HISTORY
by Jan Mantle

FACT or FICTION?

REPORTING THAT YOU HAD ENCOUNTERED AN EIGHT FOOT TALL, HAIRY, MAN-LIKE CREATURE WHILE FISHING, HUNTING, OR HIKING COULD BE VERY EMOTIONAL. HOWEVER, A WIDE VARIETY OF PEOPLE HAVE REPORTED SEEING JUST SUCH A MONSTER, SICKS WHOSE TRACKS HAVE BEEN DISCOVERED IN MUD, SOIL, OR SAND; MANY OF THEM HAVE REPORTED TO BE BETWEEN 4 AND 7 FEET IN LENGTH. ALLEGED SIGHTINGS HAVE BEEN TAKEN PLACE IN ARIZONA, MONTANA, NEW MEXICO, AND SEVERAL Other WESTERN STATES. IN THE MOUNTAINOUS TERRAIN THAT FLANKS THE UPPER Fraser VALLEY AND ALSO IN THE SOUTHERN COASTAL AREA, B.C. INDIGENOUS PEOPLE HAVE BEEN AWARDED OF SUCH A CREATURE, FOR MANY YEARS AND HAVE GIVEN HIM THE NAME, SQUATCH. THE SQUATCH HAS ALSO BEEN REPORTED IN WASHINGTON, OREGON, AND CALIFORNIA WHERE HE IS KNOWN AS BIGFOOT. THE CREATURES ARE SAID TO HAVE CHASED A WOMAN CHILD FROM THEIR HOME, ATTEMPTED TO BREAK INTO A CABIN INHABITED BY MINERS, AND PICKED THROUGH A CURIO STORE AT THE DRIVE-IN, ONE EVEN REPORTS BEING PICKED UP BY HIS SHOE AND CARRIED OFF TO SPEND SOME TIME WITH A SQUATCH FAMILY. THERE ARE NO RECORDS OF ANYONE HAVING BEEN HUNTED BY SQUATCHS, BUT THERE HAVE BEEN REPORTS OF SEEING AND BENT OUT OAKS. FOUND THE HAIR ON THE BACK OF YOUR NECK STANDING UP FOR NO APPARENT REASON? MAYBE YOU HAVE ALMOST ENCOUNTERED BIG FOOT. AN ASTORIAN STUDENT IS DOING RESEARCH OF BIGFOOT.

Albert E. Sindlinger, who circulates a private letter to 500 ultra-plush subscribers (U.S. Trust Co., General Motors, White House), has, for the first time in 26 years, bluntly predicted a depression, according to New York Magazine. "By the first half of 1975," says Sindlinger, "we could have 8-9% unemployment, big salary cuts and a crash in the market."

Environmental Alert Group and Environmental Education Group
1543 N Martel Ave.
Los Angeles, Cal. 90046

Public interest reports on limits to growth, crisis in resources, noise pollution, energy crisis, and others. Dense basic information. 2-12 pages. Send self-addressed, stamped (10¢) 9" x 12" envelope plus a 10¢ donation. Write for classroom quantity information.

LAND USE

Land Use Planning Assistance Available
Through the U.S. Dept. of Agriculture
From: Superintendent of Documents
Washington, D.C. 20402

Stock No. 0101-00366. 50 page pamphlet. Survey of information/services available. 60¢.
**STATE AND FEDERAL LANDS BY AGENCY AND ACREAGE**

**State of Oregon Land**

<table>
<thead>
<tr>
<th>Agency</th>
<th>Acreage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Division of State Lands</td>
<td>805,533</td>
</tr>
<tr>
<td>Department of Forestry</td>
<td>653,200</td>
</tr>
<tr>
<td>Highway Division</td>
<td>232,646</td>
</tr>
<tr>
<td>Wildlife Commission</td>
<td>103,000</td>
</tr>
<tr>
<td>Higher Education</td>
<td>13,782</td>
</tr>
<tr>
<td>Board of Control</td>
<td>6,415</td>
</tr>
<tr>
<td>State Engineer</td>
<td>4,130</td>
</tr>
<tr>
<td>Military Department</td>
<td>1,504</td>
</tr>
<tr>
<td>Board of Aeronautics</td>
<td>860</td>
</tr>
<tr>
<td>Fish Commission</td>
<td>472</td>
</tr>
<tr>
<td>Air Commission</td>
<td>180</td>
</tr>
<tr>
<td>Liquor Commission</td>
<td>15</td>
</tr>
<tr>
<td>Public Employees Retirement Board</td>
<td>2</td>
</tr>
<tr>
<td>Finance and Administration</td>
<td>2</td>
</tr>
</tbody>
</table>

**Federal Land in Oregon** (as of June 30, 1971)

<table>
<thead>
<tr>
<th>Bureau</th>
<th>Acreage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bureau of Land Management</td>
<td>15,736,000</td>
</tr>
<tr>
<td>Forest Service</td>
<td>15,469,711</td>
</tr>
<tr>
<td>Fish and Wildlife Service</td>
<td>459,821</td>
</tr>
<tr>
<td>Bureau of Reclamation</td>
<td>228,308</td>
</tr>
<tr>
<td>National Park Service</td>
<td>160,895</td>
</tr>
<tr>
<td>Corps of Engineers</td>
<td>98,736</td>
</tr>
<tr>
<td>Department of the Navy</td>
<td>47,980</td>
</tr>
<tr>
<td>Department of the Army</td>
<td>57,640</td>
</tr>
<tr>
<td>Agricultural Research Service</td>
<td>14,608</td>
</tr>
<tr>
<td>Bureau of Indian Affairs</td>
<td>1,155</td>
</tr>
<tr>
<td>Maritime Administration</td>
<td>1,500</td>
</tr>
<tr>
<td>Department of the Air Force</td>
<td>971</td>
</tr>
<tr>
<td>General Services Administration</td>
<td>886</td>
</tr>
<tr>
<td>Federal Aviation Administration</td>
<td>822</td>
</tr>
<tr>
<td>Air Force Administration</td>
<td>622</td>
</tr>
<tr>
<td>Court Guard</td>
<td>310</td>
</tr>
<tr>
<td>Bureau of Mines</td>
<td>42</td>
</tr>
<tr>
<td>Environmental Protection Agency</td>
<td>20</td>
</tr>
<tr>
<td>U. S. Postal Service</td>
<td>12</td>
</tr>
<tr>
<td>Federal Highway Administration</td>
<td>2</td>
</tr>
<tr>
<td>Health Service &amp; Mental Health Admin.</td>
<td>2</td>
</tr>
</tbody>
</table>

**Total Federal Land in Oregon** 1,819,514

---

**Land Conservation and Development Commission**

1176 Court St. NE

Salem, Ore. 97310

Report on Draft Statement now available. Free. Last series of workshops was held in Nov. (See also Calendar.) Family Consensus Program. Feedback Program in schools is now underway.

---

**Articles of Incorporation of The Evergreen Land Trust Association**

The Undersigned, who is a citizen of the United States and a resident of the State of Washington, acting as the incorporator of a nonprofit corporation under the provisions of R.C.W. Chapter 24.05, does hereby execute and adopt the following Articles of Incorporation for The Evergreen Land Trust Association:

I. The name of the corporation is The Evergreen Land Trust Association.

II. The period of duration or existence of the corporation is to be perpetual.

III. The purposes for which the corporation is organized are to preserve land and encourage harmony among those living things utilizing said land; and without limitation of the foregoing, some of its specific purposes are:

A. To acquire and preserve and help others to acquire and preserve: one, natural areas such as woods, fields, streams, lakes, mountains and other open spaces; two, wildlife; three, natural resources; four, other aspects of the good earth in its near-natural or natural state; AND, to accomplish these purposes within the context of human growth and human services.

B. Equally, to provide natural resources, wildlife, and conservation education, personal and creative growth experiences, and spiritual enlightenment through judicious use of the natural state, and by the use of workshops, seminars, physical expression and exercise, scientific and technical studies and other means to assist in the full development of the human potential while in harmony with nature.

C. To promote, use, and encourage humanistic principles in furtherance of communication between the species of living things so as to preserve the desirable qualities of life within a natural setting.

D. To promote the study and research of ecologically balanced life systems and to make such systems available to people and other living things to enable present and future generations to enjoy these and related aspects of the good earth.

E. That the corporation is organized and operated specifically for public educational, charitable, scientific, spiritual, and literary purposes, within the meaning of Section 501 (c) (3) of The Internal Revenue Code.

FILED JUN 13 1974

A. Ludlow Kramer, Secretary of State
Stop Oregon Litter and Vandalism, Inc.
824 SW 5th
Portland, Or. 97204
228-9411

Oct., 1974, newsletter reports that bottle and can litter in the 12,000 acre Sauvie Island management area has been reduced 6% since Oregon's bottle bill went into effect. The biggest litter problem now is disposable diapers. Write for sample newsletter.

The Exchange Rates at Soya

1792

Harpers Weekly
Harpers Magazine
2 Park Ave.
New York, N.Y. 10016
(212) 686-8710

In developmental stage. A publication that thinks of itself as a national conversation. All kinds of ideas for sections, columns, "corners." Reader controlled. The desired length of articles is 500 words.


For one Karafuto pipe, 5/6 cups of sake to one small bbl. containing 4 sho

For one outfit of brocade

For one bbl. of fish oil, containing 2 sho, 3 sacks of rice each containing 8 sho

For one bear liver, 14-20 sacks of rice

For one outfit of brocade clothes from the Ezo of Santan, 9-24 sacks of rice

For each 3 feet of Ezo brocade cloth, 6 sacks of rice

For eagle feathers, 3-50 sacks of rice

For one Karafuto pipe, 5/6 cups of sake to one small bbl. containing 4 sho


For one outfit of brocade clothes from the Ezo of Santan, 9-24 sacks of rice

For each 3 feet of Ezo brocade cloth, 6 sacks of rice

For eagle feathers, 3-50 sacks of rice

For one Karafuto pipe, 5/6 cups of sake to one small bbl. containing 4 sho

Environmental Quality Abstracts
Data Courier, Inc.
620 S. 5th St.
Louisville, Ky. 40202
(502) 882-4466

Screening of some 200 periodicals, foreign and domestic. Material summarized in 325 words or less. Published 4 times a year. $25,000. $10 an issue.

Planet Drum
P.O. Box 31251
San Francisco, Cal. 94151

Seasonal bundles of information, ideas, and visions about our mutual inhabitation of this planet. North Pacific Rim Alice, third bundle. Assembled by editors living around the Skagit River Delta, Puget Sound Lowlands of the North Pacific Rim. Box 140, La Conner, Wash. 98257. No advertising. It is not necessary to become a member to receive Planet Drum, "But if you can send money it will be a start on the next bundle."

Planet Drum is a network of correspondents: Fisher-folk in Alaska and Maine, communes in North America and Europe, Japanese natural scientists, urban planetarians, African game preserve managers, Russian poets and ethnographers, American Indian medicine people.

Dear Mrs. Apostle,

May I please come to you with a request for help on a hobby project. I have a collection of one-cent checks from persons whose names are derived from terms which have meaning in the life of worship and mission of the Christian church. Many persons have graciously helped me, including persons with names like Saint, Bishop, Miracle, Easter...

(From: Incredible Collections, Weird Antiques, and Old Hobbies. Bill Carmichael, Warner Paperback, 1973.)

Rural Resources and Information
PO Box 53
Springdale, Wn. 99173
$1 for sample newsletter/magazine.

Environmental Law
10015 SW Terwilliger Blvd.
Portland, Ore. 97219

Published three times a year by Lewis and Clark School of Law. Covers national as well as regional issues. $8/yr.

745-0148

Recycling Food Processing Waste

Each year millions of tons of waste from food processing operations are mixed with water and dumped into the nation's waterways, polluting streams and killing marine life. New processes indicate that this waste material can be reclaimed and made into useful, edible by-products, thereby reducing water pollution and benefiting mankind.

Some 500,000 tons of potato peels are generated annually. A new dry sausage peeling process much less water than the present lye solution method and generates a slightly damp material which can be burned or buried. More important, it can also be adapted as a satisfactory constituent of mixed feed for cattle.

More than 14 billion pounds of whey is disposed annually in this country through cheese-making methods now in use. Whey, which is edible and rich in vitamins, amino acids, lactose, soluble proteins, and milk solids, can be reclaimed through reverse osmosis and used to improve the nutritional value of feed for cattle.

This is the great depth of Japanese island trade with the area for fish people living in Soto on Hokkaido Island. Jap. Japanese. 1 shu = 100 sho. Taken from Transactions of the American Philosophical Society, Volume X, Part 4, 1837, page 32.
OUTDOOR ED

National Environmental Study Area Program
Pacific Northwest Region
4th & Pike Bldg. Rm. 931
Seattle, Wash. 98101
Information on sites and environmental education materials.

Old Town Walking Tour
John H. Nellor
Portland Public Schools
631 NE Clackamas St.
Portland, Ore. 97208
224-3392
Sponsored by Urban Tour Group in cooperation with Portland Public Schools. A 90-minute educational walk through Portland's oldest business and residential district. For students in grades 5-12.

PARTICIPATION

Regional Plan News
235 E. 45th St.
New York, N.Y. 10017
Report on the “Choices for '76” mass media town meetings in the N.Y. area. Grant through U.S. Dept. of Housing and Urban Development.

Benchmark
Ohio State University
Mershan Center
199 W. 10th Ave.
Columbus, Ohio 43210
Produces periodic Columbus area social reports based on survey/citizen input.

Participation Systems, Inc.
20 Lakewood Place
Troy, N.Y. 12180
Reports on referendums held periodically, with ballot in Troy, New York's newspaper, the Record. Network, reader input form of newsletter. Monthly publication. $10/12 issues.

Coos County Town Hall Meetings (sponsored by Coos County TV)
Box 641
Bandon, Ore. 97411
During Oct. and Nov. town meetings were held to elect delegates to a general town meeting, synthesizing issues for public response.

RECREATION

Idaho Alpine Club Bulletin
P.O. Box 2885
Idaho Falls, Idaho 83401
Reports on activities of the club, reviews, backpacking books.

Recreation Access
U.S. Dept. of Interior
Bureau of Land Management
P.O. Box 2965
Portland, Ore. 97208
The pamphlet attempts to explain the various laws related to recreational use of public land, including that land leased for grazing, etc.

Social Services

National Science Foundation
1800 G Street NW
Washington, D.C.
(202) 336-5728
A National Science Foundation report on the potential needs for manpower. Based on the assumption inherent in “Project Independence” of the increasing need for locally produced supplies of energy. A limited number of copies are available.

POSITIONS-SITUATIONS

FIELD BURNING. Fred Mohr is looking for people who can respond on short notice and carry petitions against specific bills as they appear in the legislature. Also for people having information about ill health and economic loss due to field burning. It is expected the seed growers, etc., will try to stop the 1975 Ban on Burning. Contact Fred Mohr, 342-2325 or Less Anderson, City Manager's Office, Eugene, 687-5010.

WE NEED ECONOMICAL office space with phone. Somewhere in the sunny Northwest. 20 feet by 20 feet. Mud on Your Face, P.O. Box 73. Burton, Wash. 98015.

LOOKING FOR USED, free or cheap microfiche reader. Call Randy at the EEC, (503) 229-4682.
ECYCLING

BREAKDOWN OF A TYPICAL TON OF MUNICIPAL WASTES

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper Products</td>
<td>920</td>
</tr>
<tr>
<td>Food &amp; Yard Wastes</td>
<td>440</td>
</tr>
<tr>
<td>Glass</td>
<td>200</td>
</tr>
<tr>
<td>Metals</td>
<td>160</td>
</tr>
<tr>
<td>Wood</td>
<td>140</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>140</td>
</tr>
</tbody>
</table>

SOURCES: United States Environmental Protection Agency; U.S. News & World Report

ECYCLING

SOURCES OF SOLID WASTES GENERATED IN THE U.S.

<table>
<thead>
<tr>
<th>Sector</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural (20%)</td>
<td></td>
</tr>
<tr>
<td>Mineral (31%)</td>
<td></td>
</tr>
<tr>
<td>Municipal (7%)</td>
<td></td>
</tr>
<tr>
<td>Manufacturing (3%)</td>
<td></td>
</tr>
<tr>
<td>Less than 2%</td>
<td></td>
</tr>
</tbody>
</table>

Mental Health Services
League of Women Voters
308 Senator Bldg.
732 SW 3rd Ave.
Portland, Ore. 97204
For children and youth in Portland.

Tri-County Community Council
Directory of Community Services
718 W Burnside
Portland, Ore. 97209
Information includes services, eligibility, area served, source of support. Over 350 agencies. Includes: Washington, Clackamas, and Clark Counties. Without cover, $5.50.

"The Organization of Petroleum Exporting Countries (OPEC) is only the first such group; resource cartels in copper, tin, bauxite, and other primary products may soon follow OPEC's example. But in another, more important sense, the Shah laid down a clean challenge to the most basic assumptions and procedures that have guided the industrialized democracies for at least 250 years. That challenge is the inevitable coming of scarcity to societies predicated on abundance. Its consequences, almost equally inevitable, will be the end of political democracy and a drastic restriction of personal liberty."
—William Ophuls
Harpers Magazine, April, 1974

SPACE

"The tavern is an obvious vehicle for community communications; it happens automatically. Yet inherent in the self-generating structure is room for non-inherent structure. . . . One method would be to form specific times, such as Thursday 7-9pm for open forums."
—Bill Thomas

10/29/74

WATER

Management of Storm Water Runoff in Suburban Environments
Gary D. Beers.
Engineering Science, Inc.
Cincinnati, Ohio
Nov., 1973
Study of the potential use and re-use of suburban water runoff, such as rainwater for toilet flushing.

Cookbook Presented by the Fishwives of Charleston, Ore.
320 pages of recipes, many seafood.
A resolution about Japanese and Russian fishing. Community pool. No index. $5.

continued on page 16
The vast Antarctic ice sheet is gradually deteriorating, according to a report by National Science Foundation. The Foundation is currently funding 116 programs designed to study Antarctica and other environments to measure impact on the weather.

Recent glaciological and geological investigations, University of Maine geologists said, suggest the "strong possibility" that ice in West Antarctica is crumbling for some unknown reason, perhaps influencing the world's sea level and weather patterns.