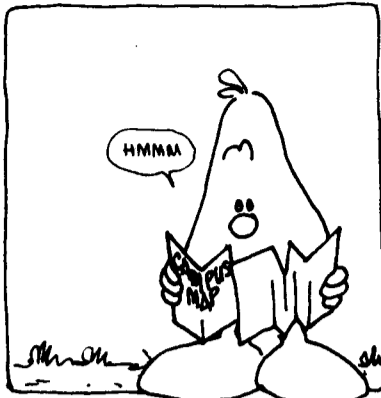


Gremlin Village



Gene Mater

Some Plants are Pollution Scavengers

University Park, Pa. -- Sometimes certain plants may be used as pollution scavengers; they'll suck problem-causing elements and nutrients right out of dying lakes.

That's the prediction of two Penn State scientists, Dr. Franklin S. Adams and Dr. Herbert Cole, Jr., who are now trying to identify plants that have a capacity to incorporate more nutrients, including heavy metals, than they need.

Such plans would trap certain elements by biologically taking them up and storing them until harvested.

Tens of thousands of small lakes in Minnesota, Wisconsin, Pennsylvania, New York and elsewhere might qualify for the application of "trap-cropping."

"Legislation may successfully shut off pollution emissions at their source," says Dr. Adams, a biologist, "but many small, shallow lakes do not have sufficient water turnover to get rid of polluting nutrients discharged before the legislation was enacted, or that which is subsequently added."

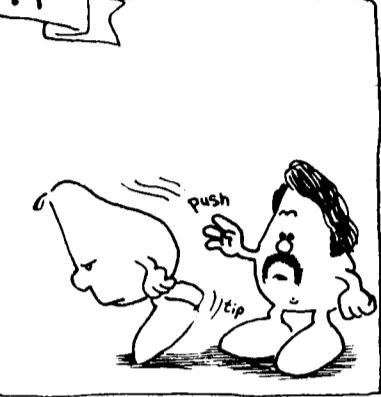
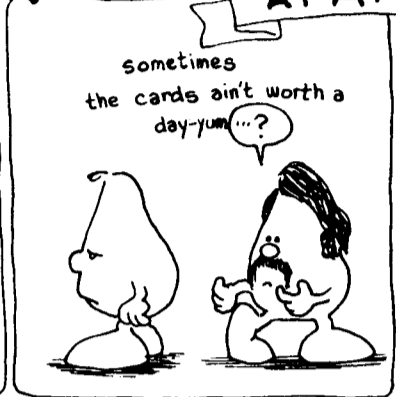
"Resort and recreational development generates a lot of new nutrients, often rendering small lakes so fetid as to be unbearable -- virtually coated with decaying algae."

Nature would require perhaps a century to bring about complete recovery.

"I believe we can find 'scavenger plants' that could do the job in a handful of years. And once identified, such plants might even be bred to enhance their scavenging capabilities," he adds.

Chemical killing of weeds and algae only recycles nutrients in a relatively closed aquatic system, says Dr. Cole, a plant pathologist. "They stay in the lake and are taken up by other algae and higher plants."

Gremlin Village



Gene Mater



Provost McDermott speaks at Orientation Reception.

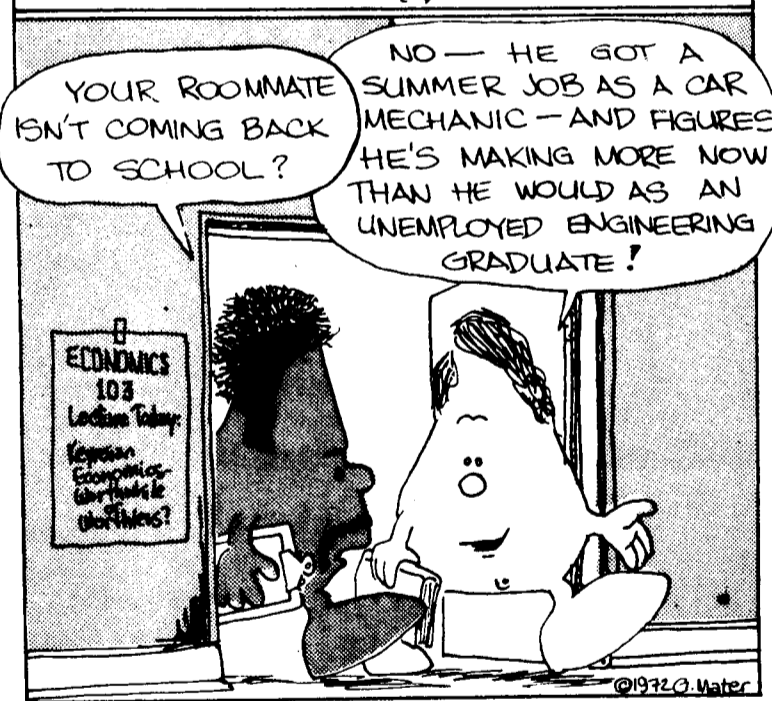
shadows and colors swirling like an endless sea
Thoughts like bolts of lightning straining to be free
Teachings gently given--to the brotherhood of mankind
Listen carefully, people--see what you will find.

Hope for all the children--who live in poverty
Love--the sweetest answer, for all men to be free.
Kindness from the heart--a pureness of the soul
Lives, now half--can once again be whole.

God loves all his children and wants them to be free
He in all his wisdom, did not give you and me
The right to hate his brothers if his skin is not white
Oh, but how many years before we do what's right?

If we could trade places for a day or two
And only feel the turmoil other races must go through
It couldn't help but change us--we couldn't stay the same
And someday, learn to love our brother--no matter what his name.

Gremlin Village Gene Mater



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Anti-War Activist To Speak

Tom Hayden, a defendant in the 'Chicago 8' Conspiracy Trial and a well noted anti-war activist, will speak in the auditorium on Monday, October 2, beginning at 9:00 a.m.

Hayden comes to campus in conjunction with a peace campaign which is being sponsored by the Harrisburg Peace Center. Jane Fonda, the oscar winning actress, is heading the tour on its one day stop in the Harrisburg area. However, it was announced Miss Fonda will not appear at Capitol with Hayden.

Also included in the Fonda peace entourage are George White, a former Vietnam POW, and Holly Near, a singer who took part in the entertainment troupe established by Miss Fonda and actor Donald Sutherland.

Next week, THE CAPITOLIST will present an interview with Ted Glick, formerly a defendant in the Harrisburg Conspiracy Trial, who now heads the Indo-China Peace Campaign in this area.

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- *Thrifty Beverage
- *Kresge's
- *Cory Coffee Service
- *Sherwin Williams Paints
- *G.A.C. Finance