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The Knothole, April 28, 1977

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KNOTHOLE

[23]

VOLUME 27 NUMBER 24 APRIL 28, 1977

ROCKY IS COMING!!

No, not Rocky Racoon or Rocky the Flying Squirrel-- Rocky the Wolf!

The Forest Zoology Club has invited the Clem and Jethro Lecture Service to discuss with us the myths surrounding the wolf. Their presentation will include the short documentary "Death of a Legend", and of course Rocky will be there! (Imagine- a live wolf on our campus!) So join us and learn how much we 'know' about wolves is fact and how much is falacy.

FRIDAY, APRIL 29.....7:30 P.M.
MARSHALL AUDITORIUM

ALL YOU CAN EAT!

Hot Stuff! The Free University, the non-credit, non-tuition community learning alternative, is sponsoring an all-you-can-eat benefit spaghetti dinner on Friday, April 29, from 6:30 to 10 pm. In addition to all the pasta, salad, bread and meatballs you can stuff yourself with, your eyes will be treated to photographs by Dave Mosher and Cheryl Carouge, and your ears will be treated to poetry and live music. Dinner will be served at the Euclid Community Open House (corner Euclid and Westcott). Donation is \$2.50, and tickets can be purchased in advance or at the door at ECOH. Come have a real good time and get acquainted with us.

Contact: Lee Gechas at 472-4157.

FORESTRY RECYCLING

Recycling operations will be terminated until next fall and I would like to thank all who have worked or contributed paper during the past year. A note to paper contributors...If you find your theta bin missing, please do not leave your paper on the floor--we will have no one to pick it up. Thanks again!!

John Lawler

P.S A special thanks to the people in the Maintenance Department.

WILDLIFE SOCIETY NEWS

The annual elections for the Student Chapter officers and executive board members were held Monday evening, April 18. The results are listed below:

President:	Kevin Lane
Vice-president:	Pam Petko
Secretary:	Lorraine Stock
Treasurer:	Pat Frost
Exec. Board	
Members:	Paul Castelli Laura Mauro

PICK UP YOUR PLANT CUTTINGS!

All those who made plant cuttings during the Botany Club Greenhouse sessions are reminded that they should pick their plants up by stopping in to see Larry Whelpton on the 5th floor of Illick. This includes cuttings from this year as well as some from last year's sessions. Be sure to pick these up before you leave for the summer so that there will be room in the greenhouse for other things!

D.E.

THE KNOTHOLE: The student publication of SUNY College of Environmental Science and Forestry.
PUBLISHED: Every Thursday.
DEADLINE: The Saturday noon prior to the upcoming issue.
POLICY: All articles and Letters to the Editor must be signed. Names will be withheld upon request. The contents of any Letter to the Editor reflects the viewpoint of the author, not the viewpoint or opinion of the Knothole or its staff. Names will not be withheld from any Letter to the Editor. We welcome any counterviews, articles, notices, suggestions, and new staff members.

RAH!

One-two-three Rah! This is the last issue of the Knothole for this semester. Next week an underground publication put together by trolls and munchins will grace the campus. The Knothole staff know's nothing about this publication, but we hear its pretty good. If you still want to submit anything for that humor issue, leave it in the 3rd knothole on the right, first left in Oakwood or in the Knothole mailbox.

It's been fun (?), interesting (?), and inspired (!!) at times... see you next September!

ZOO PHOTO SAFARI

A wildlife photo conteat sponsored by the Friends of the Burnet Park Zoo, and judged by a panel from the Syracuse Camera Club will award \$25 first prize and \$10 second prize in both color and black and white classes. There will be a separate judging for Junior and Adult classes.

Entry deadline is May 15th. Check your camera shop or call the Burnet Park Zoo for entry forms and information. ESF students may also contact Bill Campbell at x-8722 or in Baker for additional info.

ENERGY CONFERENCE

On April 16th and 17th, ESF hosted a conference called "Shaping Energy Policy", sponsered by NYPIRG and SU's Environmental Law Society. Competing with beautiful, sunny (!) weather and the dance marathon, attendance was poor, but the conference was extremely informative and interesting.

On Saturday, the pros and cons of our energy alternatives were offered by a wide range of speakers. Sunday focused more on the political aspects of policy and decision-making. Along with the conference, a display of some alternative energy technology was set up outside on the quad. Additional informative and promotional literature was available inside Marshall.

Something of a marathon itself, this two day conference presented an impressive amount of facts, opinions, and predictions concerning energy. Speakers represented a wide range of interests and viewpoints, from Niagara Mohawk Power Corporation to the Environmental Defense Fund. The poor attendance, while discouraging, wasn't disastrous, as the entire conference was taped and will be transcribed. Contact NYPIRG for information on when the transcripts will be available.

K N O T H O L E S T A F F

Editor-in-Chief.....	Jane Kolva	Features.....	Laura Mauro
Assistant to the Editor.....	Bill Coons		Gail Gmoser
Layout.....	Bill Edmister		Glenn Olsen
	Tonda Thering		Carol White
Typists.....	Tisha Drozdowski		Linda Palter
	Tom Moore		Marilyn Phillips
	Rich Kaiser		Eileen Folliard
Faculty Advisor.....	Dr. Gratzner		Keith Nyitray
			Scott Horgen
			Steve Danko

GRADUATION

I'll cross that bridge when I come to it.
I've been saying that for years.
Trying to force it out of my mind
but never really succeeding
Oh yes, I've crossed that bridge
a million times,
in my mind.
Now, that bridge is in sight.
And instead of walking towards it,
I'm running
Scared.
The unknown is waiting,
And the waiting is over.
I've walked too long.
I'll run and cross that damn bridge.
What the hell!
I'll have alot more bridges to cross.
Before I die.

WIND ENERGY

Ordinarily one wouldn't think of obtaining 10% as a 'lofty goal', yet so says Dr. Eskinaze, professor of mechanical and aerospace engineering at SU, in regards to wind power and its feasible contribution to this country's total energy needs in the near future.

Speaking before Dr. Meyer's Power Generation and the Environment class recently, Dr. Eskinaze proposed that wind derived power could perhaps be best utilized in partnership with existing hydro-electric plants. The free energy of convection currents could act as a source of water for these plants in the form of pumped water up to a storage reservoir, enhancing the widespread use of this technique and at the same time replace energy consumptive water pumps now being used. 500 wind-turbine generators of the kind engineered by ERDA (Energy Research and Development Agency) and NASA could double the power of Niagra Mohawk's present hydroelectric output, which is however only 17% of its total provisions.

You may or may not think that 500 is a lot, but there are certain inefficiencies in these wind turbines whose blades are in the order of 15 feet in diameter, three to a unit, that dictate their size and numbers. The most optimum design to

date creates a 35% loss in potential wind energy available to it by the air currents evolved in its own operation. Another major drawback in these turbines's efficiency is the fact that the RPM's of the actual AC generator in side the unit must be constant. This is accomplished by a gearbox, the size of which could theoretically be enlarged for larger speeds, and it slows the blades down such that their RPM's match those of the generator. Accordinly the overall efficiency due to the mechanics of the machine range between 9 and 35%.

If wind turbines were intergrated over the whole contry, everhing could run on their power, but this would mean incredible land areas and high initial costs in construction of them. So on a large scale, it would appear that, at l least for the present, wind power is not going to be a big alternative energy source in itself. That is, in conjunction with other methods it can be an influential contributor. And on a small scale, mid-western farmers have shown for years the practicalities for windmills in pumping water and in some cases providing electricity. However, now the technology has changed such that with a sufficient wind source the energy needs of a single household can be met with a wind turbine. Let it blow!

Donald Near

ESF VS. PENN STATE

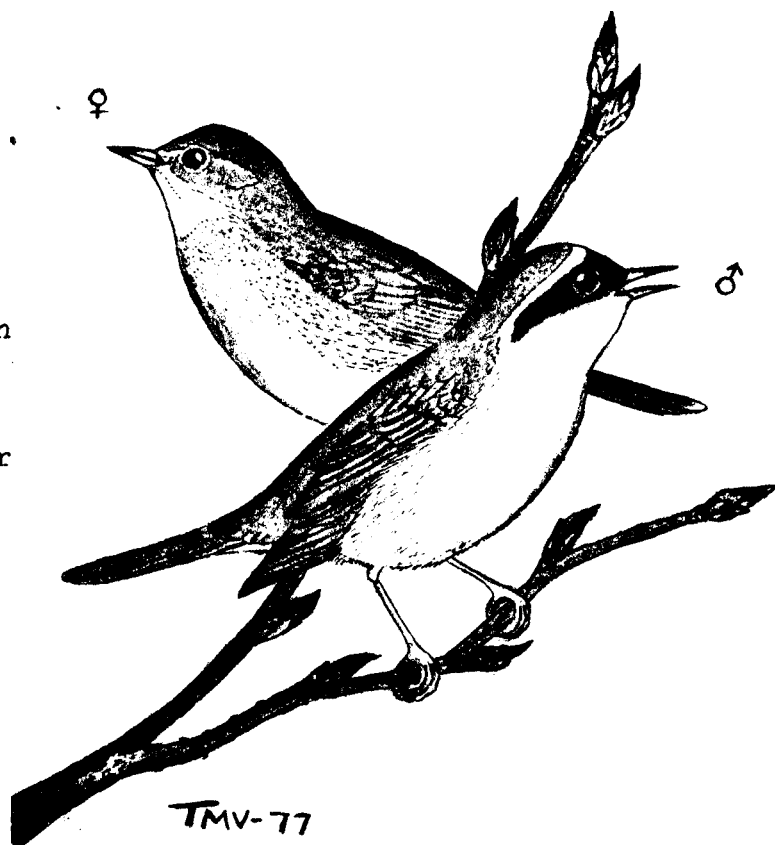
On April 23, the Woodsmen's Team traveled to Penn State for the Annual Tri-State Meet, which was really a Bi-State Meet in that West Virginia University did not send a team. ESF did exceptionally well. The final score was ESF - 56, PSU - 38. A breakdown of each event follows:

- Felling- 1st PSU
2nd ESF Bill Edmister
3rd ESF Lew Becker
- Vertical Speed Chop- 1st ESF Dave Smith
2nd ESF Mark Grasman
3rd ESF Joe Synder
- Pulp Throw- 1st, 2nd, 3rd PSU
- Cross Cut- 1st Jim Nelson, Mark Grasman
2nd Joe Snyder, Denise Wheeler
3rd PSU
- Bow Saw- 1st Dave Smith
2nd Mark Grasman
3rd Chuck Litty
- Log Roll- Bill Morse, Dan Stitzel,
Lew Becker, Nick Giannettino
- Horizontal Speed Chop- 1st Dan Stitzel
2nd Joe Synder
3rd Jim Nelson
- Splitting- 1st PSU
2nd PSU
3rd Chuck Litty
- Axe Throw- 1st PSU
2nd PSU
3rd Tim Cuntryman
- Chain Throw- 1st Helana Hoover
2nd, 3rd PSU
- Pack Race- Fritz Stohl, Ray Hahne,
Dave Smith, Bill Morse, Mark
Grasman, Jim Nelson

Water Boil was cancelled due to the poor quality of wood (it was wet) and the weather (it was raining). But ESF would have won anyway.

K Φ Δ NEWS

Kappa Phi Delta welcomes their four newest brothers who were initiated Sat. April 16th; Freshmen Steve Baumann and Mike Cacavano, and Juniors Dave Utterbach and Dan Schiffhauer. Congratulations and welcome to Kappa Phi.



BIRD OF THE WEEK

The yellowthroat (*Geothlypis trichas*) is a common spring warbler in our area. It is a member of the wood warbler family (Parulidae). This large passerine family includes the warblers, ovenbirds, waterthrushes, redstarts and chats.

Yellowthroats are stocky short-tailed warblers. Both sexes have a bright yellow throat and an olive-green back. The male has a black "mask" and a yellow breast.

Many species of warblers prefer to stay quite high in the forest canopy. Yellowthroats are seldom found in tall trees. They inhabit shrubby and swampy areas and usually stay on or near the ground. The yellowthroat is commonly found along the brushy banks of woodland streams.

These tiny ($4\frac{1}{2}$ inch) green-backed, brush-loving birds are not easy to observe. Probably the best way to find the yellowthroat is to just recognize its "wichity-wichity-wichity" song and then watch closely for the slightest movement in the underbrush.

-Thomas Ventiquattro

AN ENERGY OVERVIEW

Energy use in America is doubling every 20 years, and electricity consumption doubles every 10 years. But this is a finite planet, and exponential growth can't continue forever. Sooner or later we'll run out of fuel, or environmental damage will forcibly stop our growth.

For example, at our present growth rate, oil and natural gas will be used up in 60 years, worldwide. If there was zero demand growth now, these fuels might last 180 years. (Since the U.S. consumes such a disproportionate amount of fuel, our own national resources will be used up much sooner.)

Coal could last about 110 years at present growth rate, and 1300 years at zero growth rate. However, before the coal ran out, we'd have to stop using it, due to CO₂ pollution. CO₂ in the atmosphere creates a greenhouse effect, which, after about 60 years, could lead to climatic catastrophes. Oil consumption is also limited by CO₂ pollution.

Nuclear fission could provide energy for 200 years at present growth rate. However, thermal pollution will become a major problem. In 300 years the surface temperature of the earth would go from its 60° average to 160° F! (However, at zero growth rate, fission could theoreticly be used for 28,000 years.)

There are several alternatives left. Nuclear fusion could potentially provide energy for 20 billion years, once we figure out the technology to get at it. Similarly, direct solar energy could be a major, long-term energy source, depending on some technological refinements. Tidal, geothermal, and solid waste energy could each provide just a small fraction of our energy needs. Wind and water energy can't supply a large percentage without major environmental damage.

From all this data, two things seem clear to me. We must reduce the growth rate of energy demand, and we should invest our time and money in researching solar energy and fusion. The Federal government can't be so nearsighted anymore. I mean, much as we all gripe about 'Syracuses' long winters, 160° summers aren't much of an alternative!

Linda Palter

One lonely marigold
which stayed,
despite the chill
of winter,
waiting.

One warm November night
I picked
the last flower
of the year,
for you.

-Michael Demeyer

CREATIVITY CONTEST

- Short Story: Irwin Post
Grad
Forest Engineering
- Poem: Marianne Cirrito
Junior
Resource Management
- Cartoon: William Hamersky
Senior
Biology
- Masthead: Michael Rubinstein
Senior
Wildlife

The Short Story "On the Natural ?! Selection of Oughtomobiles" is available upon request. Just leave a note in the Knothole mailbox indicating that you would like to read this story on the automobile (Motaveaklis).

← (This article was summerized from information presented by Dr. Edward Thorndike, at the NYPIRG Energy Conference held April 16th and 17th.)

EMERGE

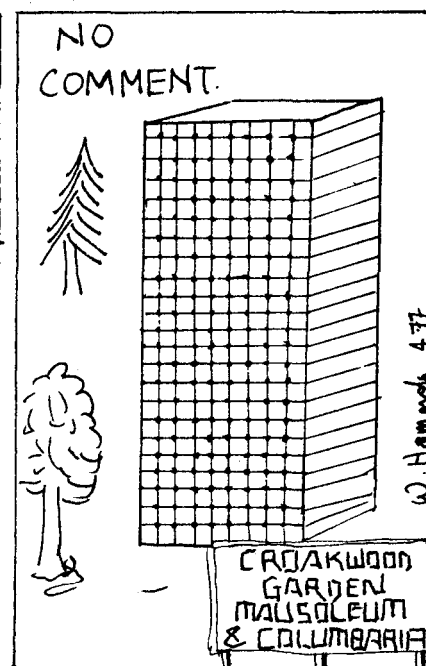
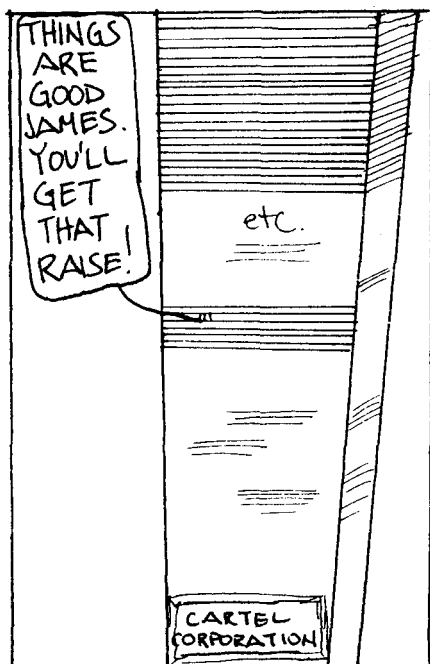
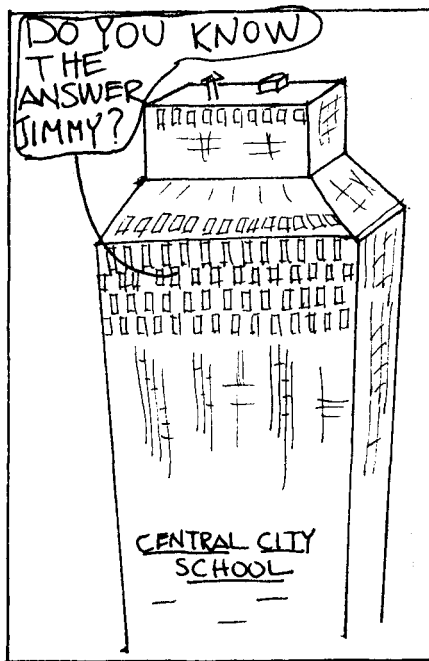
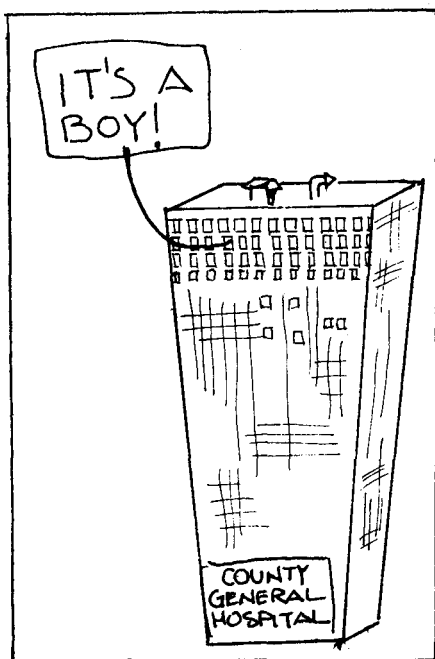
Travel an ancient worn way, slit in the forest curtain,
Tramp in solitary silence through evergreens wrapped in ermine.
All held motionless,
 resting immobile until seasonal sunrise returns and passes
 breath of green across the land.
Now there is only cold and snow and trees.
The hushed crunch of boots grasping the land's white winter cloak.
Delicate tracery of rabbits' feet,
A wispy web woven without
 pattern or design, fleetingly fragile,
Gone with a whisper of wind.
Emerge at dusk, sharp cold, glimpsing small house window
 panes of warm-light diamonds
 approaching,
Calls me home with voice of pungent wood smoke.

-Marianne Cirrito

Stepping from his suburban hillside home
He speeds
Along the asphalt highway
That will bring him to his destination.
While endless grasslands swim
In misty morning sun to either side
And summer air
Brings the smell of dust
And water.
And for a moment
A primeval memory catches at his heart
Of a time when he stepped
From the hillside cave, the common dwelling of his kind.
When with spear in sunbrowned hand
He followed the unrecorded trail
That would bring him to his destination
Grasslands stretched to the summer horizon
Rising in hills under a sun that promised heat.
And at last he stood between the hills
The fierce roar of other hunters inciting the hatred of his competitive spirit.
Yet, leaning on his spear, in the assurance of his vitality,
He knew as he looked below that he would eat tonight.
A solitary figure against the sky.

A curve in the road brings him to the present.
He looks
With fearful eyes at the strangely unfamiliar world he has always lived in,
And he reaches mentally for his long gone spear
As the gray walls and exhaust fans loom before him
As within, the benches of machinery stretch away endlessly to either side,
Their fierce roar inciting the hatred of his competitive spirit.
And, leaning on his pencil,
In the assurance of his vitality,
He knows he will eat tonight.
A solitary figure against his self-created sky.





W. Hamady 4.77

Like a tangent
 I course through my location-points
 To touch once-
 not a true intersection
 upon your circle.
 I shall never reach your center
 as I travel to ever newer places.
 Your infinities there for all to see
 as centripetal force
 sends you hurtling.

-Laurel Fitch



@@@CATCHALL @@ CATCHALL @@ CATCHALL @@@

@@Security kicks everyone out of the library because they didn't want the one person causing a disturbance to distract the other students in the library trying to study. Way to Go Security!!

@@Last week's plant anatomy lab was brought to you by Alex Haley.

@@LOST: one pink touring cap. If found, please contact Jim Berry in room 2002 Lawrinson.

@@LOST: One raincoat sleeve Saturday night in the vicinity of one verrrry large rain puddle.

@@Congratulations to Jeanne Debons for action above and beyond duty in the fight against M D.

@@Big Whip for 42B!!

@@K & M: Physics would have been intolerable if it wasn't for the now defunct Universal Variable, and our many doctoral thesis. We've got the Nobel Prize sown!

@@Ichthyology- the study of an unpopular religion.

@@LOST: One pair of SCHOOL SOCKS. If found please direct them to their rightful owners.

@@HH: How is your life dependant on baby powder? I don't understand! JK

@@NEWSBREAK. Frank Maraviglia was arrested by Syracuse police yesterday after becoming agitated and stopping suddenly on Route 81 near Lafayette, causing a 12 car pileup. Chief of Police, Thomas Sardino said Maraviglia was found at the scene of the accident walking up and down the dotted white line complaining about its lack of "good line weight and quality".

John Felleman, who was with Maraviglia at the time, was quoted as saying "I didn't know what the hell he was doing, but I guess he felt he just had to get out and look at the goddam thing. To tell you the truth, I thought he had more up there in his tacklebox.

@@Ubs is a two-and-one-half-beers man.

@@We're grown-up now...we can do it without you, ma.

@@Ginzo's whole-wheat roof shingles-- Eva Gabor, eat your heart out!

@@Olivia, stick of my life... JH

@@Thanks to Nick the busdriver. ginzo & the gang.

@@Remember- DO NOT take Rt. 26 over the mountain.

@@Helana and Janet- ain't it a peach!

@@Guys- you were great pushin' Joanne

@@I bet you a dime that I can kiss you without touching your lips.

@@@CATCHALL CONT. @@@ @@@ CATCHALL CONT.

@@LOST: One used Futtock, last seen Fri. night on Kensington Street. If found, please return to either Fearless or the Hawgs, as they presently have only one functional Futtock among them.

@@Hey Joanne, where are you going?

Hey Denise, where are you going?

@@For Sale: 40 slightly used subs. \$5.00

@@Doc Lea, next time you're late, you're going to take a star away.

@@ATTN: Dan S. Opening- State button checker. Must have own white hardhat.

@@To all 1977 Graduates: GOOD REDANCE!
-signed, the entire Jr.
class

GOINGS ON

Friday, April 29 - 7-8:30 P.M. - Saengerbund - The Forestry Chorus. Marshall Auditorium.

- 7:30-10 P.M. - The Forest Zoology Club, "Ecology of the Wolf". Marshall Auditorium.

Monday, May 2 - 7:30 P.M. - Student Council Meeting, 321 Bray.

- 7:30 P.M. - Gay Women Students Meeting at University Women's Center, 750 Ostrom Avenue.

- 8:30 P.M. - Backyard Nature Program, 238 Illick.

Tuesday, May 3 - LAST DAY OF CLASSES

- 7:30 P.M. - CESF Explorer Post Meeting. Robert Jelinek will speak on "Computers and Their Use in Forest Management" to be followed by a tour of the computer center. 5 Illick.

Wednesday, May 4 - READING DAY

- 8 P.M. - Onondaga Audubon Society. Dr. Maurice Brown, well known conservationist of Hawk Mountain Sanctuary (Pennsylvania) will use slides and a film on hawks and eagles in migratory flight in his illustrated program on "Our magnificent birds of prey." Marshall Auditorium.

Thursday, May 5 - FINAL EXAMS THROUGH

MAY 11. Exam Schedules available in 107 Bray.

SATURDAY, May 8 - MOTHER'S DAY!

Also: Sunday, May 1 - 4 P.M. - SU Orchestra Spring Concert in Crouse College Auditorium.