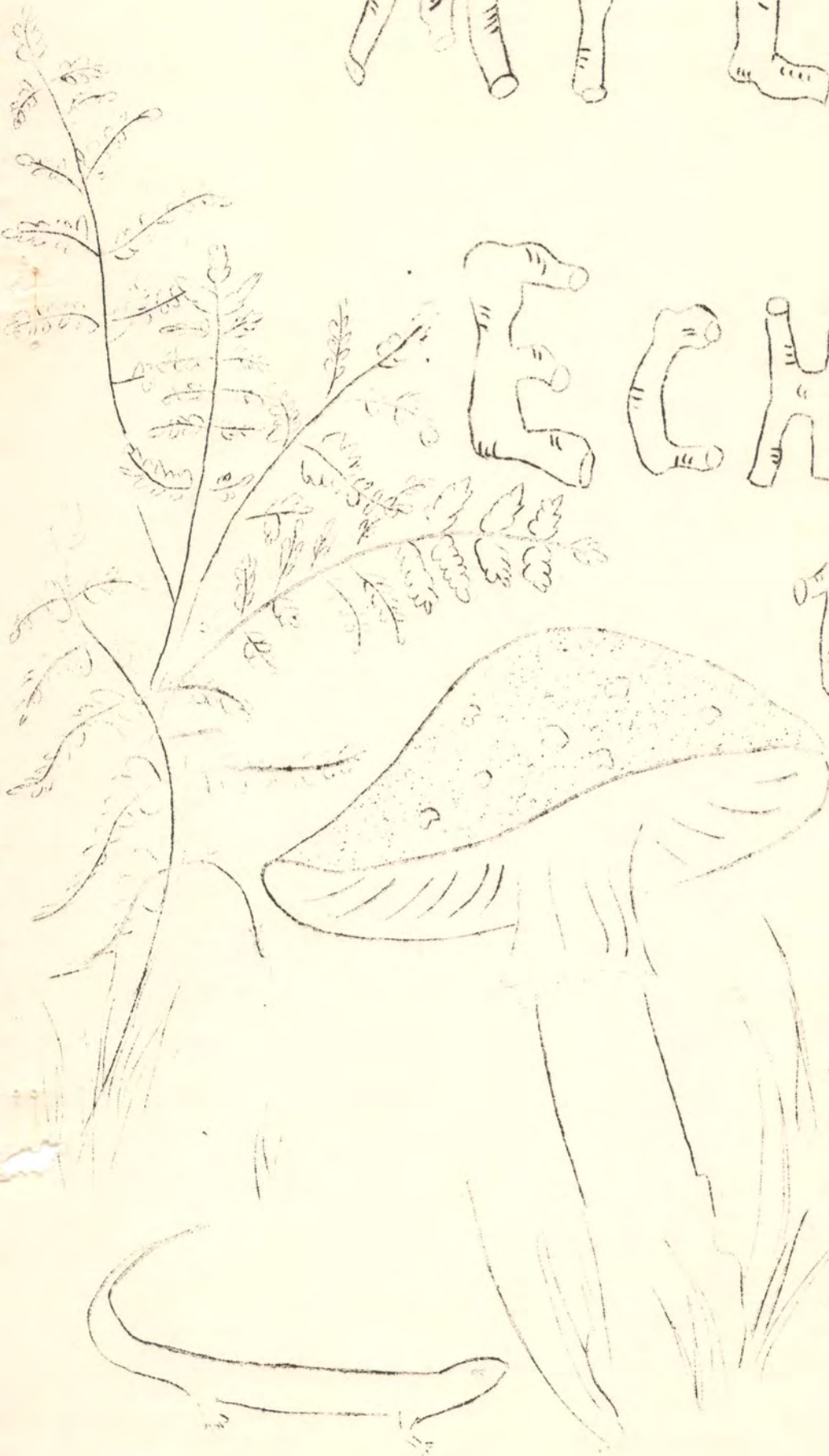


MT LAKE

ECHOES

1976



M O U N T A I N L A K E E C H O E S

1 9 7 6

Editor: Mary Ann Angleberger
 Marilyn Ladd

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Business Manager	Wayne Angleberger
Secretary	Mary Ann Angleberger
Librarian:	Debby Dubay
All Things To All Men:	Carlton Hite
All Things To All Women:	Tenny Hite

Dear Mountain Lakers:

The soft patter of snowflakes outside my window is a gentle reminder that it is time we wrapped up the memories of Mountain Lake 1976 and shipped them out to wish you with a wish for a very Merry Christmas. Although the summer now seems far away, perhaps the Echoes will bring back to you memories of work and play at the Station.

We shall be sending out more copies of Echoes this year than ever before. It was a bumper year for the Mountain Lake, and I don't think that I am exaggerating if I say that quality kept pace with quantity. You were a good group, and I thank you all for the atmosphere of lively interest, hard work, fair play, and community spirit that you brought to the Station.

As we turn and look at what 1977 will bring, the emphasis is on innovation. Jim Riopel is introducing a new kind of course for advanced students. It will be less structured, more informal, more research-oriented. These are listed for you in the back. I wish I could be there too for the experiment. In any case, the Murrays will be up for a visit, so we will see you all back at Mountain Lake next summer.

All the best for the holiday season.

Jim Murray

AQUATIC ECOLOGY

Aquatic Ecology can be fun
at least that's what we heard
many restful hours in the sun
But, wow, was that absurd.

Dr. Simmons always leads the way
and we follow right behind
We lift up rocks wherever they lay
and scoop up what we find.

For hours and hours at a time
you'd find us in the lab
picking through yellow buckets of slime
to figure out what we had.

A midnight raid on Mountain Lake
to do diurnal studies
you have to try to keep awake
to pass beer to your buddies.

We chart our numbers, draw our graphs
and then we sit and wish
that somehow we could understand
how that relates to this.

Aquatic ecology can be fun
but just remember one thing ---
you have to work to day is done
just keying out one wing.

Memorable Quotations (Sorry Bartlet)

"Ronnie is there an incision in my dipteran?"

"Ya'll lisnin to me?"

"Ronnie's such a good sport!"

"The what river, Langley?"

"Are you sure the Cornell Taste test is accurate?"

"I thought this was a course in Aquatic Bryophytes."

TAXONOMY OF SEED PLANTS

Bribed by soft ice cream, our class maintained dignity at Dr. Keener's lectures.

Botanist extended family and friends won the 4th of July games. Dr. Keener pulled in 10 points, winning horseshoes and ping pong. The class pulled together and beat undefeated Animal Behavior in volleyball.

The class became familiar with shale barren endemics on field trips. Lunch break swimming showed who could slide best down slick rocks trying to keep pants on. One day we drove all through West Virginia looking for a very special field site - soft ice cream Dairy Queen.

We found a cave on top the cliffs we climbed by Godwin's Fury, but no rare plant. We climbed Eggleston Cliffs and found Pachystynia canbyi.

Some classmates were easily identified by botanical names: Lauraceae, Ronnie Ranunculus - Rudbeckia. Steve and Nancy distinguished themselves singing "Goodnight There" at the Narrows (rhymes with cars) Fiddle Festival; Susan lost the greased watermelon; Mitch found out he was heading the wrong way on 81 by hitting a deer, Lessa slept until class. Pat kept trying to get a closer look at a copperhead; Cindy stayed on at Mt. Lake to study edible plants. Bess always found impossible plants and amused us:

"A woman approached the prime minister at a party -

-Mr. Churchill, you are drunk.

-Madame, you are ugly, but tomorrow I will be sober."

After Mt. Lake, Ronnie returns to Boston, Laurie to Chapel Hill, Steve to Rutgers, Lessa to Harvard, Cindy to California (?), Susan to Germany, Pat, Mike, Nancy, Bess to Charlottesville, Rebecca to graduate school at U.Va. or Va. Tech?

Susan Schmidt

THE BICENTENNIAL HERPS

Captain Jopson vs. "The Herps"
July 4, 1976

Cpt. Harbers of the British;
Cpt. Sobers of the settlers.

Cpt. Sobers of the settlers;
Cpt. Harbers of the British.

You call the toss there Cpt. Harbers.
Cpt. Harbers calls "Heads", it's tails, you lose!

Alright Cpt., what will your team do? ('Pause')

O.K. Cpt. Sobers says his team can hide behind the rocks, trees and bushes, can wear any color clothes they want. Says your team must wear red, and march in a straight line!

Now, what 'IF', back during prehistoric time, there had been a coin toss between the Herps and the Herpetologists.

This is probably how it would have gone!

Cpt. Jopson of the Herpetologists;
Cpt. Bufo of the Herps.

Cpt. Bufo of the Herps;
Cpt. Jopson of the Herpetologists.

You call the toss, there Cpt. Jopson.
Cpt. Jopson calls "Heads", it's tails, you lose!

Alright Cpt. what will your team do? ('Pause')

Ok, Cpt. Bufo says his team can be foul and loathesome, have cold bodies, filthy skins, calculating eyes, offensive smells and may frequent squalid habitations. Cpt. Bufo's teammates may be venomous if they so desire.

Cpt. Bufo says your team must deploy and turn cover, look under rocks and logs, wade in ice cold water in hard to get to streams, trample through fields of nettles, crawl on your bellies in muddy caves and be bitten by Cpt. Bufo's venomous teammates on occasion.

HERPETOLOGY "The Key Song"
by Bonnie Abrams

No gills present -
Gills present -
Toes 4 - 4
Shove him out the door
4 toes on the forefoot
5 on the hind foot
Stream larvae,
trunk with no dorsal fin
It's a crime, it's a shame
It's an outright sin
To be a stream larval caudate
with a dorsal fin
And it's a waste and an evolutionary haste
If it's got long gill rami
Then it's got no taste!

Plethodontidae!
I'll be at this all day!
3 gills on each side - outside
Conspicuous - ridiculous!.

Dorsal surface is a light shade -
Light unless the sides fade!

Eunycea lucifuga -
Almost like E. longicando,
But the light dorsal top
Is like the sides and has no spots.

You can key out a caudate -
You can key out what you just ate!
You can learn just why Carphophis
Is so different from Diadophis
Why Lampropeltis getulus
Is not Thamnopsis sirtalis.....
With a key in your hand
You can wander this land
Find out what life's about
Maybe key your friends and lovers out.....

Title: Preliminary Report of the Proceedings of the Mt. Lake Animal Behavior Society's First Annual Echo Study (PRPMLABSFAES)

Presented by: Students of Animal Behavior, Zool. 585.

Abstract: Mt. Lake is many things to many people. We feel that the best way of expressing what it is to this years Animal Behavior class is to undertake a formal study and present a paper, yes a paper (this particular proceeding has become recognized as the unique identifying characteristic, albeit trademark of the Behaviorists) to be filed away in the Archives of the Annals of the Mt. Lake Echoes (therefore probably not read by anyone anyway). This, therefore, is the prime motivational force behind the seemingly altruistic act of preparing this volumnuous report and submitting it for publication.

Introduction

A bunch of strangers met at Mt. Lake, Giles County, Virginia in early June, 1976 and under the direction of one fearless leader, Heir - Doctor - Professor Glenn Hausfater (trained in the fine art of leading such primate troops) we banded together, into a multilevel, highly cohesive, non-hierachical, occasionally impermeable group and began this five week study under the guise of "Animal Behavior". Our true ulterior objective remained --- "To find out what Mt. Lake is really all about".

After initial shuffling across motivational fields and several glorious triumphs on the volleyball court, we settled down to the arduous task at hand. We pooled thousands of person-hours of observation time extending well over the range of pre-dawn to post-dusk hours, the results of which are presented here forthwith. (pun!)

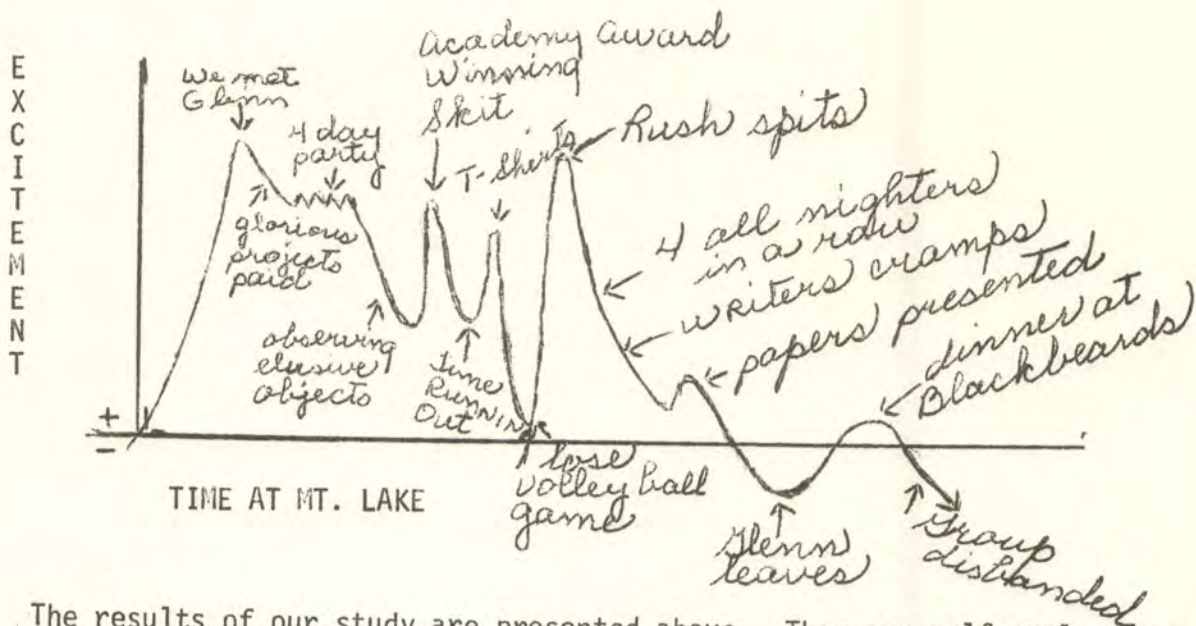
Material and Methods

As there was little or no method to our madness we have chosen to delete this section (with its accompanying sub-sections, sub-sub headings and titles, etc.). Suffice it to say - we worked, we worked long, we worked hard and/or we hardly worked (depending of course on your own perspective!)

As for materials, we gratefully acknowledge those materials which came to us through the graciousness of Mt. Lake i.e., sets of spoons from the dining hall, twenty-five boxes of ditto masters, firewood and the axes placed in front of our cabins. We more gratefully acknowledge those materials which we supplied ourselves, i.e., yellow paint for the T-shirts, Dusty's autoharp, Ann's film canisters, innumerable six packs and one aforementioned fearless leader.

Results

Figure 1. Graphical analysis of our time at Mt. Lake
(see next page)



The results of our study are presented above. They are self-explanatory. If you are a dullard (as Poncho would say) and need further explanation, you may contact Ballard, Barnett, Batchelor, Boal, Borzelleca, Fekete, Findlay, Forth, Gardner, Gasdorf, Meyers, O'Neal, Parker, Pearson and Saunders Unincorporated.

Conclusion

This paper concludes with a summary of what we have discovered Mt. Lake to really be, a veritable collage of things.

Mt. Lake is:

- Animal Watchers watching animals watch back.
- Stuart's water striders nibbling naughty Notonecta.
- Falling Phoebe's, roving Robins, thewing cedar waxwings, deserted Towhee's nests, nomadic ants and headless dragonflies.
- "Tuned-in" spiders doing the "motivational field shuffle".
- Aggrandized visions blending into stark reality: Ravens to millipedes, deer to tadpoles, owls to water boatmen, chipmunks to-dadburnit-chipmunks!
- Turtles leading Ann around on a string.
- Walk-a-grams at 2 A.M.
- Crinkled carbons in the trash can.
- A warm fire cracking in a damp cabin during a session with E.O. Wilson, S. Altmann, G. Hausfater...
- "The pinnacle of organic evolution: ringing out in unison.
- Dusty's call'n, Geoff's harmonize'n, Rush's spoon'n, Glenn's Chug'n on a Saturday night.
- "I say, as a professor..."
- Posing as a tree in Im-bo-silly National Park.
- Stephan's massive I.O.U. in the complaint box.
- Matching T-shirts on a team, a real team.
- Poncho's contagious humor.
- Tow-hee, Tow-hee, Tow-hee...
- The New Rush Barnett show featuring the all around athletic record holder and superstar seed-spitter.
- A 10 pound dittoed copy of the struggle of a summer and its satisfactions.
- Sleeping through the presentations, even your own.
- Blackbeards the night before the end and a toast to an empty chair "He done good".
- A spirit; a feeling...a memory.

CLASS LISTS

MT. LAKE BIOLOGICAL STATION - 1ST TERM

BIOL. 591: Aquatic Ecology

Blizard, Betsy
Breil, Dave
Cole, Marilyn
Cole, Thomas
Crites, Rich
Dubay, Bobby
Graney, Bob
Johnson, Amy
MacQueen, Peggy
Powell, Peggy
Robins, Roni
Wilhelmi, Keith
Williams, Bruce
Wood, Langley
Zack, Marie

ZOOL. 574: Herpetology

Abrams, Bonnie
Adams, Michael
Clark, Jeff
Davis, Richard
Dillon, Hildy
Karten, Vanessa
Krames, Paul
Howard, Rebecca
McDermott, Rosemary
Ormrod, Lorraine
Royalty, Bill
Varn, Merrill
Wechsler, Wendy
Wessel, Gary
Williams, Tim

BOT. 572: Taxonomy of Seed Plants

Brill, Lessa
Brown, Steve
Dechow, Rebecca
Dolan, Patrick
Gross, Ronnie
Keene, Nancy
Luxner, Laurie
Murray, Elizabeth
Schmidt, Susan
Smith, Mitchell
Waldman, Cindy

ZOOL. 585: Animal Behavior

Ballard, Jim
Barnett, Rush
Batchelor, Martha
Boal, Winnie
Borzelleca, Joe
Fekete, Steve
Findlay, Stuart
Forth, Cathy
Gardner, Dusty
Gasdorf, Helen
Meyer, Ken
O'Neal, Kathy
Parker, Geoffrey
Pearson, Tom
Saunders, Carol

BIOL. 598: Biology Research

Dubay, Charlie
Hedrick, Ann
Peters, Danny
Walton, Peggy
Werth, Charlie

MT. LAKE DIRECTORY - 1ST TERM

CATESBY - Bobby Dubay
(Mrs.) Debbie
Dog - Sparky

CLAYTON - George Simmons
(Mrs.) Susan
Nathan

LECONTE - The Waltons
Miss Peggy
Miss Lucile

BANISTER - Ron Hanawalt
(Mrs.) Alice

SCHOEW - Dave Breil
(Mrs.) Sandra
Peter
Dog - Ben

MAPHIS - Langley Wood
(Mrs.) June

MITCHELL - Harry Jopson
(Mrs.) Hope

MICHAUX - Carl Keener
(Mrs.) Gladys
Joyce
Dottie
Carl

REED - J. J. Murray
(Mrs.) Bess
Joe
Tiki
Will

HOLBROOK - Glenn Hausfater

GATTINGER - Wayne Angleberger
(Mrs.) Mary Ann
Tommy
Dogs - Dickens & Sailor
Cat - Gracie

CARETAKER - Carlton Hite
(Mrs.) Tenny
Rich
Robin
Renee

BURNS - Robert Burns

LAING SOUTH - Tom Cole
(Mrs.) Marilyn

LAING CENTER - Jim Ballard

LAING SINGLES - Charlie Dubay
Steve Fekete
Charlie Werth
Keith Wilhelmi
Bruce Williams

STEPHEN ELLIOTT

Winnie Boal
Ann Hedrick
Vanessa Karten
Nancy Keene
Kathy O'Neal
Lorraine Ormrod
Peggy Powell
Cindy Waldman
Marie Zack

HENTZ-MOHR

Martha Batchelor
Rebecca Dechow
Helen Gasdorf
Peggy MacQueen
Roni Robins
Merrill Varn
Wendy Wechsler

DESCHWEINITZ

Mike Adams
Rush Barnett
Jeff Clark
Pat Dolan
Bob Graney
Jeff Parker
Thomas Pearson
Danny Peters
Tim Williams

CHAPMAN

Bonnie Abrams
Betsy Blizard
Hildy Dillon
Cathy Forth
Dusty Gardner
Rebecca Howard
Laurie Luxner
Rosemary McDermott

BARTRAM

Rich Crites
Ken Meyer

AUDUBON

Joe Borzelleca
Steve Brown
Richard Davis
Stuart Findlay
Ronnie Gross
Paul Krames
Bill Royalty
Mitch Smith
Gary, Wessel

LAING WEST

Lessa Brill
Amy Johnson
Carol Saunders
Susan Schmidt

TERRESTRIAL ECOLOGY 1976
Gary M. Wessel

Ladies and gentlemen, it's hard to explain to you, I should say impossible to explain to you the intricacies of discovery and development, the pinnacles of appreciation and understanding, the ultimate of enjoyment in study as that put forth by the 1976 edition of Terrestrial Ecology. Enumerable pictures by the roving reporter extraordinaire, dabbler of the abstract, and roommate of the author, Al Clark, have attempted by quantity to show what I will attempt to explain.

The first day of lab set the tone of high quality science endeavors. Chuck Stephens demonstrated his harvest method abilities of whacking down limbs with a single swoop and indiscriminately tasting leaves; evidently his first lunch at the Station had much to be desired. Subsequent field trips brought out much more as Peggy Powell, only after considerable coaxing, demonstrated her never before seen nor believed mountain climbing abilities --- Al Clark's acrobatic Big Soft Sleep sampling techniques of bringing home specimens on the seat of his pants, never before used in scientific study --- Marge Porn, in attempt of adequately describing the cores of that lab for future publication stated, "Oh, gross".

Science remained steady through the rotting log lab, the North/South slope study, and the vegetation analysis; but then all hell broke loose with pipevine antics, and the radish gardening (cleverly disguised as an allelopathic experiment). Roger Clemens came through in the clutch with his MR. HOPPING BUNNY GARDENER scientific seeding equipment, and his amazing magnetic attraction to blueberry bushes which caused temporary delay in new discoveries.

The allelopathic experiment brought out "Simply Mandy" Owens, for \$19.95, and the new consumer break through, Extract of Black Walnut Essence. Everybody seemed to come up with a new Waring Blender milkshake, a little "sticky", but quite interesting.

Catching and feeding caterpillars for a consumer growth experiment had Peggy MacQueen worried when her^r caterpillars were losing weight. But being the fine "dietitian of vegetation" that she is, pulled the beasts through healthy. Mary Belefski was sure her caterpillars had sleeping bags, and possibly would watch the pipevine news at night or before molting.

Term projects allowed the world to observe Betsy Blizzard dance her famous "Shake" and the "Cha-Cha". And it was so nice for Marge Porn to Dig burrows for her salamanders in her "burrowing" experiment. Mary Belefski and Susan Vogt studied the effects of smoking Angelica buds with an aspirator and reported significant findings. The last presentation was reluctantly given by Gary Wessel. HE was sad when he had to end his study, for that meant he had to clean the inches of cave mud and grunge from the room ceilings, walls, and floors.

In a statement, Terrestrial Ecology was Marge Porn's "gross" letters, Betsy Blizzard's "shuffle", Mary Belefski and Susan Vogt's "aspirator pipes", Chuck Stephens "tearing down trees", Roger Clemens "MR. HOPPING BUNNY GARDENER" seeds, Peggy MacQueen's attempt to asphyxiate everyone with her project chemicals, "Simply Mandy" Owens and her Microtus powerline mice with Al Clark and his "sees all" camera, and Gary Wessel's look alike lab partner and his gobs of mud-starched clothing, all lead by the Mt. Lake Rookie "the speed of light dude", Dr. Raymond Dueser.

Our class may be separate now, but our memories will always be together.

ECOLOGICAL GENETICS

Could any of us have suspected on our first field excursion for Ecological Genetics that the ordinary would soon become the extraordinary? How could we have known that we were soon to be acquainted with the incredible intricacies of the most commonplace of insects and plants? Did any of us imagine that we would hazard an abandoned and very dark railroad tunnel in quest of cast off pupae cases and larvae, forsake our beds before the sun lit, even the horizon for snails and moths, or brave the many rainstorms in order to collect data.

The afternoon of our first field excursion was one of those infrequent ones at Mountain Lake when it rained neither on top of the mountain nor below in the surrounding valleys. We were on our way to catch butterflies when Dr. West stopped to show us some pipevine. Only momentarily distracted by the smoking brakes of one of the Station's cars, we continued on our way, having decided that the brakes were not going to fail anytime in the too near future. We shortly thereafter arrived at the destined field and armed with butterfly nets we chased after butterflies, quickly learning that one could not simply swish one's net frantically after them. The blackberries, ripe and abundant, proved to be much more accessible than the elusive butterflies.

Jess, Joe, and Steve became particularly adept at netting butterflies. They undertook a mark and recapture with Fritillaries. Who could ever forget seeing the Cybele gang chasing down butterflies in a car with nets protruding from open windows? They all but hung by their heels from the windows in pursuit of Speyeria cybele.

If anyone had found it curious or amusing to see our class on hands and knees crawling on the lawn in front of the lab, they soon learned what serious business crushing clover was. The clover people sampled a seemingly endless number of fields for their study on cyanide production and leaf predation; and leaf patterns and shade. Jeff O. and Jeff S., Mitzie and Tom, having recruited others to help, were amused to discover that a farmer would not hear of their working on a Sunday.

Actually communal efforts were rather common. When the highway department mowed over a field of ragweed quickly ending Marty and Russ' silver spotted skipper project, those two turned to Cepea --- the SNAIL.

Snail expeditions became very much in vogue and many of us ventured forth before breakfast to catch the little charmers at their very best.

Speaking of venturing forth, Dean and Vanessa will never forget the dreary polluted woods which they sampled around the Pearisburg Celanese Plant where even light itself seemed wary to emerge. Few lichens grew on those sooty, greasy trees. The many melanic Geometrids collected in Dr. West's fabulous and very UFOish moth trap indicated that a remarkable selective pressure was acting around the Celanese Plant.

Oh, by the way, we did get several mated female Polyxenes that first afternoon. One provided the eggs for Liz's pupation experiment. The eggs

ECOLOGICAL GENETICS
(continued)

turned into rather demanding larvae who consumed vast quantities of carrot leaves and who seemed to prefer remaining in any of a number of instars to pupating.

No one was ever quite as enthusiastic as Roger West about keeping caterpillars as pets, although a number of us left with monarch pupae and snails in our pockets.

Could we ever forget the many Japanese beetles collected which proved incapable of being sexed, the "handedness" of silver spotted skippers, or Poverty Hollow with its wild flowers and Dianas?

FERNOLOGY

The students gathered in the lab on the first day, shy and reticent about what was to come. Our indusiasm was aroused by the prospect of spending 5 weeks observing wild sex in the phantom ferns. We also hoped to find Dr. Fernar's missing link, Botrychium simplex. We loaded the car with flashlights and baggies and headed into wild fern territory in the company of our trusty native guide, Dr. Burns. In the first leg of our journey we were introduced to the astounding diversity of the pteridophyte flora as we collected 8,000 specimuns of Thelyteris novaboracencis and 7,999 indistinguishable specimuns of Dryopteris. We soon learned the technique of "Belly Botany" as short boss led us in search of the rare and illusive Botrychium. Nights found us with many pressing matters.

The highlight of the term was the pteriffic expedition to the Grammitis grounds of the south. Loading the camping gear, selecting the menu and finding a gallon jug of Johnsons and Johnsons Baby oil(?) filled many pre-trip hours. Fried Taters ala Fernar, a rumored prophylatic (hopefully), highlighted the first meal for the trip. The high point of the trip was missed by 200 years when the navigator mistook his compass for an altimeter, but he saved face by rediscovering the rare grammitis numbata (recently renamed Grammitis necrotus). Return to camp was always welcome after a hard day on the rocks, especially the showers offering a choice of waters - crushed or cubed. Even with the hard beds, sleep would have been easy, had it not been for the herds of owls around our camp (and the owl calls). Despite all, nights were, for most, very "relaxing". Soon our time was up and preservative gone, so we had to head on back. Our thoughts still lingered with fond memories of the Carolina bog, which was loaded with chiggers, poison sumac and quick mud which struck us all as an ideal habitat. With the find of Virginia's Woodwardia Dr. Fernar turned green with envy (or was that motion sickness). Loaded with fond memories Dr. Fernar et al. headed back to Mountain Lake.

As the days and years pass some of the friendships grow and others may fade but the remembrance of the class members for the class and its leader, Dr. Farrar, will always remain vivid.

FATES OF THE 1976 MAMMALOGISTS

Dr. Handley embarked on a walk to Panama.

Trapper Andy has caught every mouse in California and is moving East, trapping steadily as he goes.

A tragedy befell Pat. He was speared by a housefly.

Another tragedy - Mark got permanently lost on Doe Creek.

Still another tragedy. Jim gagged while chewing oatmeal mixed with bourbon.

Linda has become the Secretary of the Smithsonian. She currently trying to exterminate all the bees in the United States.

Carol is presently teaching Peromyscus to sing.

Nancy is spending her time frying enough onions to go with all those livers.

Merrill got organized and invented a new bait especially designed for catching Neotoma. The trap is made of wood and metal --- looks curiously like a mouse trap.

Ann recently was arrested for stuffing a Homo parva and currently is serving a life sentence in prison.

Richard set a world's record for staying under water in a kayak --- three days fortunately.

Tracy is making violin strings from Peromyscus gut.

Tom "Bat Patrol" Pearson is still scratching. He's on the dermis now.

And Mitch, he's still sleeping.

MAMMALOGY 76 --- A REVIEW

"FLAP, FLAP, FLAP your wings Vespertilionidae"

"BAT PATROL, BAT PATROL, Bat Spotted in Mist Net #2.
Can we get a make on that bat? I can see it now - were getting closer ---
it looks like an Eptesicus foscus. Attention Dr. Handley! Attention
Dr. Handley! Jaws in mist net number 2! Jaws in mist net number 2!

WHITE-FOOTED DEER MOUSE

At Mountain Lake in Giles County, these little mice are very prompt to swarm about the camp of the University of Virginia Biological Station, where they make free with the food supplies. They work at night and apparently

MAMMALOGY
(continued)

make no effort to conceal their activities --- such as dragging objects of food or "building materials" over the floors. One of their favorite foods is Ivory soap -- possibly other brands as well -- and it is this food that is used to bait snap traps which have become standard equipment in many of the cabins and lodges in the mountains (J.W. Bailey).

SNAP, SNAP, SNAP, YOUR TRAPS....

ACKNOWLEDGMENTS

Special thanks to the makers of Skippy Peanut Butter, the PEANUT BUTTER MAKERS PEANUT BUTTER, preferred by mice around the world, to the makers of QUAKER BLOATMEAL for our 5 a.m. snacks, to the forests, fields, rocks and streams of the Mountain Lake area for their cooperation and without whose assistance this project would not have been possible.

Also, to Todd Handley, Scott Handley, Peter West, Patty Clemens, Roger West and Specs for their outstanding worth as Homo parva researchers.

Especially to Mrs. Handley for bed and board in D.C. and for constant moral support.

Finally, to our distinguished and fearless leader DR. CHARLES OUTSTANDING HANDLEY, Jr.

P.S. What your name is?

Merrill Varn
Rich Davis
Tom Pearson
Pat Dolan
Ann Nikolaus
Mark VanOss

CLASS LISTS

MT. LAKE BIOLOGICAL STATION - 2ND TERM

BIOL. 571: TERRESTRIAL ECOLOGY

Belefski, Mary Lou
Blizard, Betsy
Clark, Al
MacQueen, Peggy
Owen, Amanda
Porn, Margie
Powell, Peggy
Schmidt, Susan
Stephens, Chuck
Vogt, Susan
Wessel, Gary
Clemens, Roger

BIOL. 592: ECOLOGICAL GENETICS

Batchelor, Martha
Borzelleca, Joe
Fekete, Steve
Hairston, Tom
Karten, Vanessa
Lackey, Elizabeth
Landis, Russ
Olson, Jeff
Parker, Geoffrey
Schloss, Jeff
Sharos, Mitzie
Woodard, Dean

BOT. 571: PTERIDOLOGY

Anhold, David
Cole, Marilyn
Cole, Tom
Dubay, Bobby
Emigh, Gini
Kinser, Ed
Lowitz, Wendy
Stephens, Denise
Wechsler, Wendy
Weddle, Lisa
Williams, Bruce
Williams, Tim

ZOOL. 577: MAMMALOLOGY

Ailes, Nancy
Coles, Jim
Davis, Rich
Dolan, Patrick
Gordon, Linda
Nikolaus, Ann
Pearson, Tom
Simmons, Carol
Smith, Mitchell
Taber, Andy
VanOss, Mark
Varn, Merrill
Werner, Tracey

BIOL. 599: BIOLOGY RESEARCH

Bell, C. Ritchie
Dubay, Charlie
McDevitt, David
Peters, Danny
Smith, Clifford
Werth, Charlie
Wood, Langley
Walton, Peggy

MT. LAKE DIRECTORY - 2ND TERM

CATESBY - Bobby Dubay
 (Mrs.) Debbie
 Steve (brother)
 Sparky (dog)

CLAYTON - Charles Handley
 (Mrs.) Darelyn
 Benjamin
 Specks (dog)

LECONTE - The Waltons
 Miss Peggy
 Miss Lucile

BANISTER - Horton Hobbs
 (former Director)

SCHOEW - Roger Clemens
 (Mrs.) Mary
 Patti

MAPHIS - Langley Wood

MITCHELL - Ritchie Bell

MICHAUX - David McDevitt
 (Mrs.) Maryanne
 Maureen
 Nancy

REED - J. J. Murray
 (Mrs.) Bess
 Joe
 Tiki
 Will

HOLBROOK - Don Farrar
 (Mrs.) Eugenia
 Barb

GATTINGER - Wayne Angleberger
 (Mrs.) Mary Ann
 Tommy
 Dickens & Sailor (dogs)
 Gracie (cat)

CARETAKER - Carlton Hite
 (Mrs.) Tenny
 Rich
 Robin
 Renee

BURNS - Robert Burns

RAFINESQUE - Cliff Smith
 Kenneth

LAING SOUTH - Tom Cole
 (Mrs.) Marilyn

LAING NORTH - Chuck Stephens
 (Mrs.) Denise

BARTRAM - Jeff Schloss

LAING WEST - Nancy Ailes, Betsy
 Blizzard, Peggy MacQueen,
 Susan Schmidt

LAING SINGLES - Joe Borzelleca,
 Charlie Dubay, Steve Fekete,
 Charlie Werth, Bruce Williams

STEPHEN ELLIOTT

Belefski, Mary Lou
 Emigh, Gini
 Gordon, Linda
 Porn, Marge
 Powell, Peggy
 Sharos, Mitzie
 Simmons, Carol
 Vogt, Susan
 Waldman, Cindy

DESCHWEINITZ

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COURSES TO BE OFFERED AT MOUNTAIN LAKE - SUMMER 1977

First Term June 12 - July 16

Plant Ecology	Gary Miller, Eisenhower College	3 hour
Field Biology of Green Plants	C. Ritchie Bell, University of North Carolina	6 hour
Biology of Algae	Austin Brooks, Wabash College	6 hour
Ornithology	David W. Johnston, University of Florida	6 hour
Ecosystem Analysis	William Odum, University of Virginia	3 hour

Second Term July 17 - August 20

Population Ecology	Jerry Downhower, Ohio State University	6 hour
Biology of Insects	George W. Byers, University of Kansas	6 hour
Invertebrate Ecology	George Stanton, Columbus College	6 hour
Evolution of Animal Reproductive Behavior	A.R. Thornhill, University of New Mexico	3 hour
Reproductive Biology of Plants	C. Ritchie Bell, University of North Carolina	3 hour
Taxonomy and Ecology of Bryophytes	Susan M. Moyle, Centre College of Kentucky	3 hour