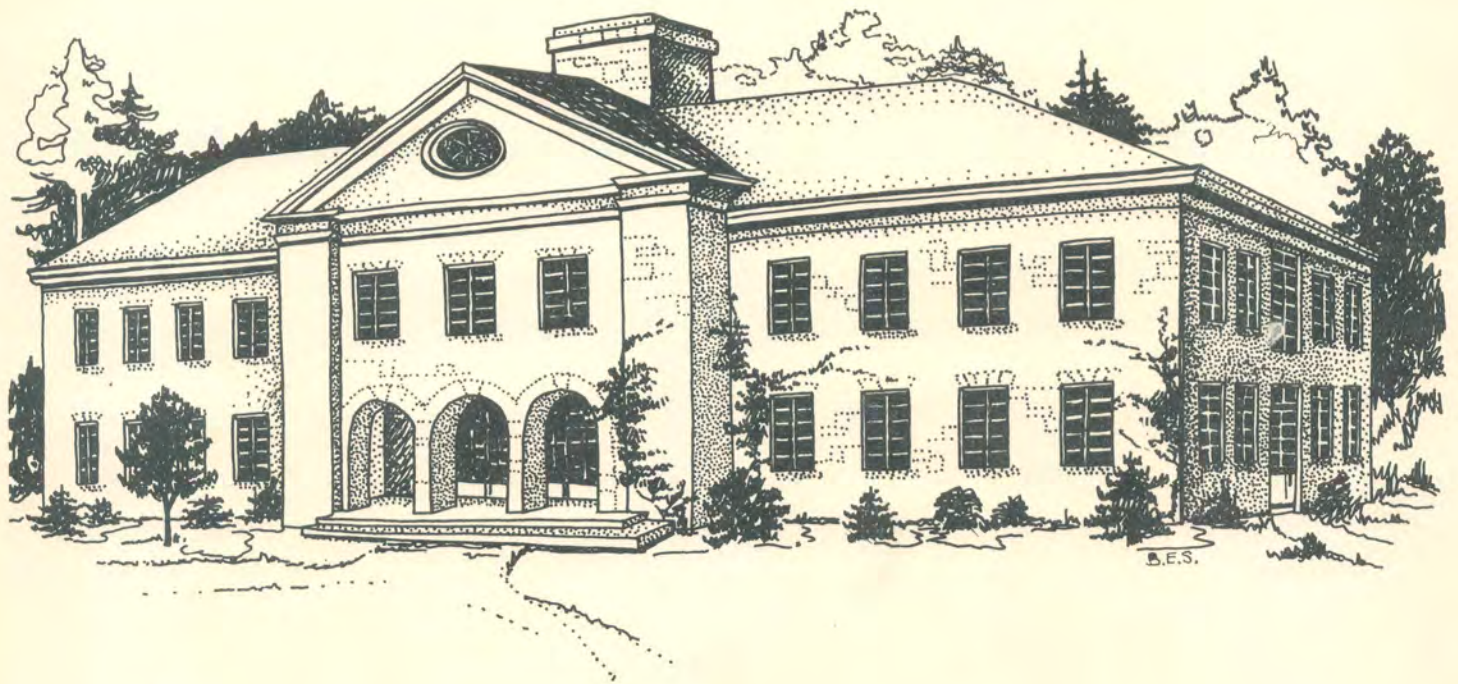


MOUNTAIN LAKE ECHOES



volume 19

summer '56

MOUNTAIN LAKE ECHOES 1956

Editor and Cover Design: Beatrice E. Sengbusch

GREETINGS FROM DR. REYNOLDS

Again I greet the many friends who have become dear to me through our associations at Mountain Lake, but my heart is sad, for this time it is my "Swan Song". I have retired as Director and consequently, will not have this privilege again. Your loyalty and fine cooperation made it possible for me to carry on, sometimes against difficulties that seemed insurmountable. Together we have seen the Station grow from a meagre beginning to a widely recognized and highly respected institution. It has been a stimulating struggle and what efforts I have expended have been accompanied with happiness.

Our new Director, Dr. Horton H. Hobbs, Jr., is well known to most of you. In turning over the reins to him I experience a feeling of confidence, bolstered by knowledge and prescience. His scholastic qualifications and scientific achievements are matters of record; his personality is one to invite confidence and friendship; his versatility is beyond compare - for he is a cook par excellence, an artist of distinction, and a first class musician. Besides being endowed with all of these laudible qualities his pulchritude won him the title of "Miss Arthropod of 1955".

With such a successor, I can happily bow out as I give you Horton Hobbs. Give him the fine support you have given me and the Mountain Lake Biological Station will continue to grow in service to the State and to the Nation.

-- Bruce D. Reynolds

A MESSAGE FROM DR. HOBBS

I first came to Mountain Lake in 1935 as a student and carried back to Florida with me a love for the Station that has not diminished through the years. When in 1947 I returned as a member of the teaching staff the strength of this devotion for all the things that Mt. Lake means to all of us became more meaningful, and it has continued to grow.

Now I have been asked to serve as the Director of the Station, and it is with an humble attitude that I assume this position. My two predecessors have led so successfully the activities of the Station through the years past that my first thought is a salute to them together with an expression of gratitude for the almost unique heritage which came to us through their careful planning, hard work, and dedicated love for the Station. They are both to be congratulated on the fruits of their labors.

As you know, I have worked closely with Dr. Reynolds for the past two summers and have enjoyed the associations far beyond any expectations. His unselfish desire to see the healthy growth of the Station and his tireless efforts to insure the pleasure and comfort of its personnel have won for him the admiration and love of all of us. His kindly advice, his willing help, and sympathetic understanding have already given me considerable encouragement, and I shall be grateful for his wise counsel in the years ahead.

I am certain that Dr. Reynolds would be the first to insist that without your help and encouragement he would never have been able to accomplish the things that he did. My realization of this prompts me to ask for the same splendid cooperation you gave Dr. Reynolds. The neophyte that I am, I will undoubtedly make mistakes and I covet your sympathetic tolerance and constructive criticisms. Certainly without your support we cannot hope to see Mountain Lake prosper.

May I take this opportunity to wish for all of you the best of everything and to solicit your good wishes and loyalties for a continued progressive development of the Mountain Lake Biological Station.

-- Horton H. Hobbs, Jr.

IN MEMORIAM

Mrs. Ivey F. Lewis

October 1, 1956

MOUNTAIN LAKE BREAKFAST

A Mountain Lake Breakfast will be held at the AAAS Meeting in New York during the Christmas vacation. This is scheduled for 8:00 A.M., Hartford Room, Hotel Statler, Friday, December 28. It is hoped that many of you will be able to attend.

The presence of 53 persons at our breakfast in Atlanta last winter and 47 at that held at Storrs this fall indicates a real interest in such meetings, and we hope that they will become an established custom.

LIBRARY NEWS

Miss Marjorie Carver of the Alderman Library was at the Station the first three weeks to open the library. Mrs. Helen Peightel was Station Librarian the rest of the summer. The second term, Miss Vicki

Greulach worked part time in the Library, filing and typing the reprint collection. There were approximately 1300 additions to the pamphlet collection. Dr. Earl Lyman generously contributed many journals to our files. Since the library does not subscribe to any journals, we would appreciate any contributions of journals to complete our sets and new journals which we have not had. Reprints are appreciated from interested contributors also.

A committee was appointed by Dr. Hobbs at Planning Council to study the library classification system and revise if necessary.

OPEN HOUSE

On August 4 the annual observance of Open House was held. Invitations had been issued to nearby colleges and to the Mountain Lake Hotel guests. An invitation was extended through the press to those living within this area to visit the Mountain Lake Biological Station of the University of Virginia between the hours of two and five.

An informal reception line was formed at two o'clock, consisting of Dr. Bruce D. Reynolds, Director, and Mrs. Reynolds; Dr. Horton H. Hobbs, Jr., Deputy Director, and Mrs. Hobbs; Mrs. L. R. Cleveland, wife of the "dean" of the researchers, Dr. L. R. Cleveland of Harvard University; and Mrs. Walter B. Martin, wife of Dr. Walter B. Martin, member of the Board of Visitors of the University of Virginia, who was unable to reach Mt. Lake in time for the observance.

At four o'clock guests and members of the Biological Station assembled in the beautiful auditorium, where the Director gave a brief history of the station and its objectives. He introduced members of the staff and the individual investigators, telling briefly something of what each was doing in his own line of research.

This part of the program concluded with the singing of the new Mt. Lake Song, written by Dr. E. Ruffin Jones, of the University of Florida. Then all proceeded to the porch of the dining-hall and were served the customary refreshments, sassafras tea, fruit punch, cookies, etc.

In many respects this was one of our most successful Open House observances. The excellent exhibits which were arranged by each class and each investigator were visited and enjoyed by all. In each room the visitors were cordially welcomed by the one in charge and questions were answered.

While for many visitors the microscope was a familiar instrument, many others for the first time looked through a microscope and saw a new world.

There were 71 registered guests and quite a few who failed to register; all told, there were approximately 80 to 85 visitors, among whom were several chemists and biologists.

In addition to visitors from nearby localities, there were seven states represented and three foreign countries; West Virginia, Missouri, Pennsylvania, Ohio, California, Texas, and South Carolina; Norway, Holland, and Czechoslovakia.

This was, indeed, a successful Open House occasion, and it was well after six o'clock before the last guest departed.

-- Mrs. Bruce D. Reynolds

COURSES

Dr. Stephan Berko of the University of Virginia Physics Department started the course in Radiation Biology with a comprehensive coverage of the sophisticated physics and esoteric mathematics which provided the necessary foundations. At first it was "chaos-chaos", but a final review at Johnsons before the examination straightened us all out.

Dr. C.L. Gemmill followed, covering the physiological effects of radiation. It was a week of M's: movies, mice, and movies.

Dr. K. Atwood of Oak Ridge led us through a merry maze of facts micro-biological. Contamination and the Elvin techniques overshadowed the laboratory work, but the weekly exam composed of thought provoking (mostly provoking) questions showed what we knew about radiation micro-biology.

Dr. A. V. Beatty of Emory University brought his Tradescantia with him and we spent an enjoyable week learning about chromosomal aberration and Radiation Cytology.

Virginia's scientific farmer, Dr. W. R. Singleton, provided the finale with lectures and slides on radiation genetics. Growing our own radiated barley seeds gave us proof positive of the damaging effects of radiation. The class feels that the session was one which not only showed the theoretical aspects but the practical values of investigations in this field. In two words, profitable and enjoyable.

-- Alan Mandell

Dr. Robert F. Smart convinced his class in Mycology that there is nothing so exciting as "field-tripping" for fungi, and especially for myxomycetes, unless it be "ogglings" them in the laboratory.

Dr. David E. Davis led his budding ornithologists in an exhaustive (in more ways than one) study of the least fly catcher. Even their (this modifies fly catcher and students) nights were not their own.

Our animal ecologist, Dr. Richard G. Zweifel, led his class in a memorable "Ballet des Animaux". As a choreographer, Dr. Zweifel was superb in adding "La Danse du Thermometre" and a new "Danse Macabre".

Dr. Victor A. Greulach's course in General Physiology was delightful from every standpoint; but after much discussion and study the group failed miserably in getting live yeast out of modern baking powder.

Dr. Robert F. Thorne's energetic enthusiasm was a most contagious affliction to those taking Spermatophytes. Following in their wake, one suspected that a hurricane or a non-host-specific blight had uprooted or defoliated much of the flora of Giles County.

The Coelomate course given by Dr. E. Ruffin Jones must have been a good one if its merits are to be judged by the groans that emanated from the southwest corner of the laboratory every morning. Dr. Jones, like his predecessors, never did become accustomed to lecturing to souls (4th definition in Webster's Collegiate Dictionary, 5th edition, p. 950; or should it be soles, loc. cit., 2nd def., p. 946). If you don't understand this, ask Pat Fowler about it.

We don't know much about what happened in Dr. John O. Corliss'

course in Protozoology (reports rated it superior) but with darkened windows and a closed door it must have been something sinister! The alchemy practised even, on occasion, seriously reduced the personnel, if not the prosaism, of the volley ball teams.

-- Anonymous

THE INVESTIGATORS

Dr. Ivey F. Lewis, University of Virginia, and Miss Lucille Walton, Danville High School, Va., continued their studies on the witch hazel gall and the aphid responsible for the gall formation.

Dr. L. R. Cleveland continued his studies of the effect of the molting hormones of the wood roach on the intestinal protozoan fauna.

Drs. Miriam A. Albertson and Ruth McClung Jones, Winthrop College; Dr. John O. Corliss, Univ. of Illinois; and Dr. Jesse C. Thompson, Hollins College, report another productive summer in their investigations of protozoa.

Dr. E. Ruffin Jones continued his study of the Turbellaria of the Mt. Lake region.

Dr. Harry L. Holloway, Roanoke College, continued his study of the life cycle of the tape worm of the bob cat.

Dr. Howard Sengbusch, New York State College, Buffalo, completed a manuscript on the oribatoid mites of the Mt. Lake Region, and further investigated the mites as possible agents for distributing the spores of forest pathogens.

Dr. E. S. Hodgson, Jr., Barnard College and Columbia University, was engaged in neurophysiological investigations of Arthropods; his primary interest during the summer was in sensory preception in cave-dwelling arthropods.

Miss Betty Barton, Univ. of S.C., continued her floristic studies on an area in South Carolina.

Dr. Frank J. Etges, Univ. of Cincinnati, reported that he had an unusual bit of good fortune in his work on trematode parasites of bats.

Miss Rose Mary Johnson, Univ. of Va., completed her work on "Sero-logical Studies of Crayfishes".

Miss Margaret Walton, Danville High School, Va., divided her time between the millipedes and the crayfishes. Her work on the latter with Dr. Hobbs is in anticipation of a monograph of the genus Procambarus.

Capt. John Henry Reeves, Virginia Military Institute, completed his study on the embryonic development of Polygala polygama.

Mr. S. Robert Heffner, Mechanicsburg High School, Pa., completed his work on the comparative study of the vessel members of Nyssa syl-vatica growing under different ecological situations.

Mr. E. A. Crawford, Limestone College, completed his study of the ostracods living on the crayfishes of Richland County, S.C.

Mr. Robert R. Miller, Shippensburg, Pa., got his study of the caddis flies well underway and is looking forward to completing it next summer.

Mr. Robert F. Gillespie, Va. Episcopal School, Lynchburg, was investigating protozoans of the genus Haptophrya that are found in flat-worms and amphibians in the Mt. Lake area.

Mr. Thomas C. Cheng, Univ. of Va., continued his work on the trematodes of bats and amphibians.

Mr. Theodore Malinin, Univ. of Va. Med. School, was studying regeneration in amphibians.

ORGANIZED SCIENCE

During the first semester a course, "Organized Science", was presented at a series of evening lectures. This non-credit seminar under the direction of Dr. Raymond L. Taylor, Assoc. Adm. Sec. of AAAS, was given to acquaint station members with various private and governmental agencies which are sponsoring scientific research, with organizations, societies and people in science, and with publications, including journals, abstracts, bibliographies, etc., concerned with science. To make this more meaningful Dr. Taylor invited a number of experts in their fields to speak at Mt. Lake. Dr. Stella Deignan, Director of the Bio-sciences Information Exchange of the Smithsonian Institution, spoke about this clearing-house for research in the bio-sciences. When national granting agencies, both government and non-government, inform the Exchange of their awards, the recipients are requested to provide brief summaries of their research problems for the purposes of exchange of information. The next speaker was Dr. John T. Wilson, Asst. Director of the Biological and Medical Sciences of the National Science Foundation. He spoke on the relationship between government and science and on the organization of the NSF. At a coffee hour following the lecture, Dr. Wilson was introduced to the members of the Station who currently held awards from NSF. The last guest speaker was Mrs. Phillis V. Parkins, an editor of Biological Abstracts. She described the organization and traced the history of the Journal from its beginnings after World War I to the present. It is hoped that such seminars may be given periodically at Mt. Lake for the edification of persons who are beginning their careers as investigators in the biological sciences.

-- H. G. Sengbusch

1956 ECHOES

Dr. and Mrs. Earle Lyman donated a three speed record changer to the Station.

Mrs. Helen Bell Jones and Dr. Horton Hobbs painted jointly in oils, phylogenetic trees for the foyer of the laboratory. The trees of plants on the left and animals on the right were designed by Dr. Hobbs and completed by both painters in time for Open House. Later they were each awarded framed diplomas for their "artistic skills, and patience with the many side walk superintendents."

Another brush and paint task finished in time for Open House, was the repainting of all the cottage signs by Margaret Walton.

Jean Pugh taught Sunday School for the station children all summer, as she did in 1955. Pat Fowler assisted, and Helen Jones played the piano.

Dr. Lewis has given a written tribute to the good behavior of the large population of children during '56 and the fine way they got on just being typical boys and girls. The mothers and fathers thank Dr. Lewis for his nice thought.

Many persons who celebrated birthdays and anniversaries at the station were congratulated in songs led by Dr. Hobbs and in verses by Jean Pugh. The team of Mrs. Jones and Dr. Hobbs loaned their talents to several Sunday evening sings as pianist and leader.

The annual Stonehenge sing was held Sunday, August 12. It was preceded by the whole station enjoying an outdoor Sunday night supper at the huge bonfire.

The dining hall was capably managed by Mrs. M. Bates during the first three weeks of the summer, despite unreliable cooks. Dr. Hobbs helped her cook until new cooks arrived, and volunteers did dishes until all was again organized in the kitchen. Mrs. Juanita Holloway was dietitian for the rest of the season, and with the help of excellent cooks did an excellent job.

Jack Reeves brought in the first rattler of the season on June 27. No one was disappointed that there were fewer snakes this summer than last. After 13 summers the Walton sisters took a snakeskin souvenir home with them.

Weekend entertainment was varied and pleasant during both semesters. A Hillbilly Party, arranged by girl students, and Laing's "Le Club Internationale" were well attended. M. C. Reeves introduced "Fi-fi" Corliss and 'her' bubble dance, snake charmer Heffner, ex-king Farouk (Miller) and friend, and Hassan Dannawi singing an Arabic chant. Marjorie Carver's Indian costume had pantaloons big enough for all her cottagemates from Stephen Elliott. Mr. Ma sang a Formosan song when the men students entertained. North side of station auctioned gifts donated by all members. Auctioneers were Dr. Raymond Taylor and Dr. Howard Sengbusch. A total of \$44.26 was bid for paintings, snakes, frogs, terraria, aquarium, jewelry, toys, a lock of the business manager's hair, and a picture of Miss Arthropod of 1955! This sum was turned over to Dr. Reynolds as a contribution to the recreation fund.

Dr. Ruth McClung Jones donated a large U.S. flag to the Station. It was raised on a pole over the Laing Building.

MOUNTAIN LAKE SONG CONTEST

At the July 8, Sunday night sing, the audience chose a Mt. Lake song from three that were submitted by the Song Committee. Dr. Ruffin Jones won first prize of \$21.00 with his excellent song based on the tune of the Good Old Song. Honorable mention went to Mrs. Wm. Peigh-tel for her song written to the melody of the Theta Chi song; also to Dr. and Mrs. Ned Hodgson for their song sung to the tune of the U. of Va. Summer School Song. Dr. Richard Zweifel won first prize of \$10.00 for the best humorous song, with honorable mention going to Mrs. Albert M. Laessle of Gainesville, Florida. Dick's song is sung to the tune of "Tannenbaum" and Mrs. Laessle's is set to the music of "There is a Tavern in the Town". The election of the two songs was the climax of a contest begun during the summer of 1955. Both Dr. Jones and Dr. Zweifel turned their winnings over to the recreation fund of the Station. The Committee had 26 songs from which to choose. The lyrics of the two winning songs are on the following page.

SPORTS 1956

As usual, sports played an important part in relieving pent up energy. Volleyball attracted the most adherents, followed closely by croquet and ping pong, in that order. Horseshoes were rather slow with Dr. Reynolds and Dr. Jones supplying too rough competition for most challengers. Badminton and tennis enjoyed a burst of interest in the latter part of the season. The high point of the year was the Second Annual North-South Volleyball Game. This year a trophy was given in the form of a Confederate flag. The trophy was won by the North this year when they won four games straight. See you next summer to the cry of "it's 7 - 17 as we forge ahead!" -- Robert R. Miller

MOUNTAIN LAKE SONGS

Tune: "Good Old Song"

(First Stanza)

On old Salt Pond
Where Nature's wand
Has cast a magic spell,
The doe and fawn
Still play at dawn
In glens like Moonshine Dell.
The Cascades roar,
While duck hawks soar,
At nearby Barney's Wall,
And Bear Cliff ridge
And covered bridge
Bring memories to all.

(Second Stanza)

Remember well
The tolling bell
Which wakes us from our sleep;
The mist and haze;
The trails we blaze;
The Lake so cool and deep;
A croquet game;
Azaleas' flame;
The laurel's pale pink bloom;
The evening hikes
When Galax spikes
Are nodding in the gloom.

(Chorus)

Our summers here
Are full of cheer
And so for old time's sake,
A song we'll raise
To sing the praise
Of dear Old Mountain Lake. --E.R.J.

Tune: "Tannenbaum"

I

Beneath the oaks, above the worms
We've struggled here for many terms
And as the time for parting nears
Our eyes fill up with salty tears.

II

I fell in love with your waters blue
And with a blonde and brunette too
But who can dream of such a dish
While he's dissecting dead crayfish?

III

I've found beasts filled with loads
and loads
Of white and squirming nematodes
And wonder if perchance they be
Cavorting thus inside of me.

IV

I've listened to so many talks
On things that wriggle under rocks
But I'm not sure just how one tells
Professors from the animals.

V

The time has come for us to part
I do it with a burning heart
It's not from sentiment I pain
We've just been eating beans
again.

Chorus

O Mountain Lake, O Mountain Lake
At times I thought my back you'd
break,
But now with finals close I see
You'll be content with flunking me.

DRONES AND DRIBBLES

The handcrafters of the station encompassed most of the wives' talents -- Mrs. Cleveland's weaving; Mrs Thorne's rug making; sketching by Mrs. Jones, Mrs. Taylor, and Mrs. Sengbusch; knitters, Mrs. Etges and Mrs. Miller; Mrs Corliss' tatting; number paintings by Mrs. Cheng and Mrs. Pitman; and the time---consuming needlepoint, worked by Mrs. Reynolds and Mrs. Hobbs. Two seamstresses were Mrs. Greulach and Mrs. Jones, who taught their talents to daughters Helen, Frances, and the twins.

The Jack Reeves fan club was the culmination of Captain J. H. R.'s ever popularity. Nina Hobbs, Tuckie Smart, Helen and Frances Jones organized it first semester and no member was official without her badge proudly encrusted with a minie ball and a confederate flag. Susan and Vickie Greulach were eager recruits at second term. The club looked for minie balls and Indian relics under Jack's guidance. We think he enjoyed being surrounded by those gorgeous gals. Ellen Holloway, Nell Reeves, Susan, Joan, and Kim Corliss, and Kimmy Miller are counting the years until they can join! Then of course you heard about those three "adorable girls", Hortense (Horton) Hobbs, Carol (Craig) Sengbusch, and Roberta (Bob) Miller, who with the aid of make up and skirts gained only temporary membership!

WEDDING BELLS

Dr. Alice Ferguson became Mrs. George Beatty early in 1956.

Martha and W. J. Pitman were married in Goshen, Virginia, on April 14, 1956. They will live in Fredericksburg, Va., where W. J. is teaching biology at Mary Washington College. Martha will be Alumnae Secretary of her Alma Mater.

Barbara and Thomas C. Cheng were married on May 31, 1956, in Phoenixville, Pa. They have a cottage in Charlottesville, and Tom is continuing his work leading toward the Ph. D. degree.

Dr. Richard Zweifel and Miss Frances Ann Winsalt were married at Kilmarnock, Va., on July 13, 1956. After a trip to Mexico they returned to Englewood, N.J., where they are making their home.

Jean Lance has recently married. She and her husband are at the University of Kansas where he is associate professor in radiation biophysics.

NEW DEGREES

Congratulations to the following persons:

Harry Holloway -- Ph. D., June, 1956	Jesse Thompson -- Ph. D., June, 1956
Thomas C. Cheng - M. A., June, 1956	E. A. Crawford -- M. A., June, 1956
Robert Heffner -- M. A., Aug., 1956	Rosemary Johnson- M. A., Aug., 1956
John H. Reeves -- M. A., Aug., 1956	

ALUMNI NEWS

John and Sarah Burns are still in California. John has assisted in Embryology and had many interesting collecting trips to the desert for snakes and lizards. Sarah was an associate in bacteriology, and plans to get an M. A., then work in the Bacteriology Dept. as a research assistant with a bacterial geneticist.

Dr. and Mrs. Robert K. Burns spent the year in Paris. They visited the Station shortly after it closed this summer and left a fine collection of reprints and books.

Dr. and Mrs. Robert Amy spent the summer at Oak Ridge again. They are at Susquehanna University in Penna.

Dr. and Mrs. John Davis are at Wake Forest, Winston-Salem, N.C. They have bought a new house.

Diane TeStrake expects to graduate with a B.S. in Feb. She will then enter graduate school at the U. of Florida. She spent six weeks in Mexico during the past summer with the Univ. of Miami workshop group.

Bill Frye was awarded the Ph.D., August 18, at Emory Univ. and is now doing post doctoral work at Princeton.

Dr. Herndon Dowling of the U. of Ark. at Fayetteville is the secretary of Southeastern Association of Naturalists.

Dr. John A. Patten, associate professor of biology at Middle Tenn. State College, taught both summer sessions at his college in Murfreesboro.

Dr. William Nutting and Ruth with sons, Jefferey and Bradley, are living in Tucson, Arizona, where Bill is working at the Univ. of Arizona on the control of the grain beetle.

Teresa and Vic Hutchinson have a new son born July 25.

Betty and Ben Johns also have a son to join their family of two daughters.

Dick Garth is a father of another daughter.

Molly Bahner worked during the summer of 1956 at the Roswell Park Memorial Institute at Buffalo, N.Y. Dr. Carl T. Bahner of Carson-Newman College, Molly's father, had an appointment in chemistry research at the same cancer research hospital.

Charley Jarrett is a second year medical student at Emory Univ.

Miss Samuella Crim is teaching biology at the Woodrow Wilson Memorial H. S. at Fishersville, Va.

Al and Delores Kanner are living in Madison, Wisconsin, where Al is interning. Delores worked as a project assistant in enzyme research during the summer.

Bob Flory is continuing his graduate work at Cornell University.

Mr. and Mrs. Wiltshire spent the summer in Nova Scotia.

NEW POSITIONS

Captain and Mrs. John Reeves and children will spend two years in Blacksburg, where Jack will work in the Wildlife Department of V.P.I. while on leave from Virginia Military Institute.

Dr. F. Earle Lyman is director of dental research in the division of research grants, U.S. Public Health Service at Bethesda, Md.

Mr. Robert Heffner is teaching in the high school at Mechanicsburg, Pennsylvania.

Mr. Robert Gillespie is teaching biology and chemistry at Virginia Episcopal School at Lynchburg.

Miss Betty Zipf is a research assistant to Dr. G. Fankhauser at Princeton.

Mr. Edward Crawford is teaching at Limestone College in Gaffney, South Carolina.

Mr. William Peightel is assistant professor of biology at Shipensburg State Teachers College, Penna.

Dr. Perry C. Holt is assistant professor of biology at V. P. I.

MT. LAKE ALUMNI VISITS TO THE STATION

Grace and Jim Wiltshire Betty Zipf Nancy Groseclose
Charlotte and Earle Lyman and daughters Grace Smyth W. E. Bickley
Louis Goldstein Walter Richards

PUGH'S PENPOINTS

Another great summer has passed and we all have lots of nice memories to chuckle over on cold winter evenings. Your reporter has had her ear to the ground but not gathered too much news. However, there are a few items.

The midnight ride of Paul Revere when the bell tolled and a Ph.D. stood there and egged Paul on. The umbrella dive from the laboratory was delayed because of the ride. Then, there was the morning Dr. Reynolds was late to breakfast. He had us all mixed up for a few minutes.

At 4:00 A.M. it was not unusual to see the bird watchers out with their notebooks counting bird calls... 540 per minute, wasn't it Alice? And the day Dr. Davis and some of the heartyboys climbed the trees to see the young ones (biologists are sane?).

Which way to Pond Drain; is this the way back to Twin Springs; the trail should branch along here? Mycology students out collecting grizzly bear dung (how 'bout that, Pat) and needing the compass Dr. Smart purchased with 2 days of classes left.

Cut off the first two toes, that's the way to mark salamanders so you can learn about their habits. Lover Boy even collected an egg of Pseudotriton irridescens. Chauncey was busy studying the night life of crayfish (?) down at the Lake. Also wonder what kind of animals Nancy was trapping down there.

Sometime ask Rose Mary to relate the experience she had when the rattlesnake got loose in the laboratory. She could see very plainly from the top of the incubator.

A few things come to mind:

Memory and matches; Alice's husband sleeping in the car; Ed and Ann; "Nonsense" Peightel and his search for ice-cream; Dr. Jones almost running the station wagon off the hill; chess games in Chapman; mantle decorations in DeSchweinitz; Saturday night deer hunts and swimming parties; the auction sale; Grandpaw Moses' poem; Mary Lou and her cokes; Hassen's yogurt; Al's goatee; Jack Reeves' fan club; croquet wickets filed under W for wickets in the storeroom; Peg Walton's ten minute drive to Pembroke (timed by Ruby); Betty Barton's classic: I've finished my classwork and just have a little paper to write; "Muscles" and the boiler maker; W. J. Pitman missing a beef-liver dinner two years running; Bates and the steam heat; Dr. Greulach and the item in the wheelbarrow; football games on the Lawn; the volleyball games; Henry and his girl friend troubles; Malinin and his midnight cups of coffee; and on and on. So it ends until another summer.

WEATHER REPORT

The 1956 season was marked, but not really marred, by the great activity of the rain gods; 50 damp days gave us a total of about 13 inches of precipitation; this is believed to be the wettest summer in

some years. There were 16 dry days, but never more than 2 in succession! Nevertheless the "boys" engaged in nearly daily volley ball bouts and the "girls" hopefully hung out "diddies" and such as in past years.

Except for the extra dampness, and many days it came in the form of but a passing shower, the other meteorological data ran true to form: average low temperature (during night), 55°F; average high during day), 77°F. Hottest day, 85°F, was on July 3; coolest evening, 39°F., on August 21.

Vegetation, Bald Knob protozoa, "Dean" Couch, romancing couples, and children of both sexes seemed to thrive on the precipitation and no drownings were recorded. -- J. O. Corliss

PERSONNEL

Dr. Miriam A. Albertson, 639 College Ave., Rock Hill, S.C.
Mr. Kimball C. Atwood, Biology Div., ORNL, Oak Ridge, Tenn.
Miss Betty Barton, 313 Egle St., Graniteville, S.C.
Mrs. Myrtle A. Bates, Virginia Episcopal School, Lynchburg, Va.
Mr. and Mrs. Alvin V. Beatty, Dept. of Biol., Emory Univ., Ga.
Mr. and Mrs. Stephan Berko, Dept. of Physics, Univ. of Va., Ch'ville, Va.
Miss Marjorie Carver, 100 W. High St., Charlottesville, Va.
Mr. Warren F. Chauncey, 71 Post Street, Warwick, Va.
Mr. Thomas C. Cheng, Dept. of Biol., Univ. of Va., Charlottesville, Va.
Mr. and Mrs. L. R. Cleveland, 16 Divinity Ave., Cambridge, Mass.
Mr. and Mrs. J. O. Corliss, Dept. of Zool., Univ. of Ill., Urbana, Ill.
Mr. and Mrs. Farley Couch, Route 1, Pembroke, Va.
Mr. E. A. Crawford, Jr., Dept. of Biol., Limestone Coll., Gaffney, S.C.
Mr. Edward F. Daly, 208 E. Windsor Ave., Alexandria, Va.
Mr. Hassan Dannawi, Madison Hall, Univ. of Va., Charlottesville, Va.
Mr. David E. Davis, 615 N. Wolfe St., Baltimore 5, Md.
Miss Memory Elvin, 1110 West 33rd St., Vancouver, B.C.
Mr. and Mrs. Frank J. Etges, Zool. Dept., U. of Cincinnati, Cincinnati 2
Mr. Donald Eves, 936 East Ridgewood Ave., Ridgewood, N.J.
Miss Patricia Fowler, 1617 N. Washington Ave., Scranton 9, Pa.
Mr. Cecil Furrow, Newport, Virginia
Mr. C. L. Gemmill, Univ. of Va. Med. School, Charlottesville, Va.
Mr. Robert F. Gillespie, Jr., Virginia Episcopal School, Lynchburg, Va.
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