

MOUNTAIN LAKE ECHOES



~1955~



MOUNTAIN LAKE ECHOES 1955

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Art Editor: Sylvia Earle

GREETINGS FROM THE DIRECTOR

I hope you have been well and gainfully employed since leaving the mountain top. In some professions "gainfully" could have only one connotation. As biologists you realize that monetary values are incidental to the wealth of other experiences I wish for you.

In many respects the 1955 season was the best ever - a portentous beginning for the second quarter-century. Notable among the improvements was the research activity.

The curriculum for next summer will consist of the following courses: Animal Ecology, Coelomates, Mycology, Ornithology, Physiology, Plant Taxonomy, Protozoology and Radiation Biology.

Dr. Horton H. Hobbs, Jr. was Assistant Director of the Station during 1955. It is proposed to make him Deputy Director for 1956 and to turn over most of the administrative work to him, beginning July 1, 1956.

There will be a Mountain Lake Biological Station breakfast in Parlor H. Piedmont Hotel, Atlanta, Georgia, at 8:00 A. M., Thursday, December 29, during the AAAS meetings. Be sure to attend.

Are you a poet? Can you write music? We are trying to get a good Mountain Lake Biological Station song. A sizable cash award is waiting for the person(s) who contributes suitable words and/or music. This is important, so get busy and send your major opus to: Dr. Horton H. Hobbs, Biology Building, University of Virginia, Charlottesville, Va.

The season's best wishes. Bruce D. Reynolds

GREETINGS, YE OLDE LAKERS!

We extend to each of you our good wishes for a happy Christmas season and a prosperous New Year. Once again the echoes of work and play at Mt. Lake during 1955 offer memories of friends and gay times, of striving and attainment. As the New Year speeds along, may the cessation of winter winds and the advent of Spring bring forth plans to return once more to Mt. Lake. In the mean time you might

REMEMBER! ? ! The Saturday night square dances. . . . Sunday evening sings. . . . classical music concerts. . . . movies and dances with orchestras at the hotel. . . .

scavenger hunts, diaper derby and races for the children.... walks after dinner and occasional strolls to the boathouse.... rattlesnakes.... trail blazing.... water-melon feasts, one complete with cloudburst.... hamburger runs down to curb service.... checking weights in Stephen Elliott.... foggy days.... sewer troubles.... scrambles for mails and males.... mushrooms for dinner.... making blackberry jam.... blueberry pie.... pinching rhododendron blossoms.... watching the raven.... "adverb".... "up the pipeline!!".... bodacious escapades.... coffee, tea, and popcorn parties.... "crocodile".... uncovering Yankee treasure.... Sunday rains.... birthday parites, poetry and singing.... diets.... Hallowe'en in July.... conferring of degrees.... bridge games.... eating crayfish.... a Sack for Jack....

OBSERVATIONS

High on a mountain, surrounded by trees and more mountains, in the middle of a patch of azalea and laurel, we found the Biological Station. Up above, of course, were clouds; little did we know that they were often to descend upon us and remain for days. (Br-Br-Brrr)

We met all sorts of people there, most of them very intelligent; Rebels and Yankees alike. The bags were almost unpacked when we found ourselves involved in a course of studies. The weekends were highlighted by hikes to various points of interest and we heard from the ecology class that you haven't lived until you've crawled through Man's Bog.

After the chill of the first three weeks subsided, we spent many pleasant minutes in the swimming pool or the lake. To make this legal, there was always a dip net, crayfish net, plankton net, or key to the wild flowers in hand. One group of people insisted on reverting to their ancestral habits on a small plot of ground known as a volley ball court. Amid shouts of "get it over Jess", bodies were often seen trampled, and the "combatants" carried scars as proudly as Purple Heart heroes, especially in the North-South game. (The Yankees lost this time.) On a clear day, or night, or even in the pouring rain, one could find the croquet enthusiasts hard at work on the Lawn. The premeditated strategy and involved maneuvers called for great mental gymnastics; also, at least one good eye.

At the end of the first five weeks we took our exams like all good little biologists and settled down (unpackd at last) for another course.

In the middle of the first term there was a great drive spurred on by a cash prize for a Mountain Lake theme song to conclude our Sunday evening "sings". Here, we found that all biologists are not Rogers and Hammersteins and the local chant became, "will we get a song of our own or will we go on singing the Good Ole Song?". The suspense was agonizing...and still is....

At the end of the summer, we decided the Station was indeed something new and refreshing in family groups: everyone tied together by a common interest, yet each one exhibiting an individuality which makes biological research possible.

Rose Mary Johnson

ODDS AND ENDS

New Equipment and Improvements

1955 proved to be an unusually good year for the Station regarding the acquisition of supplies to facilitate the work being done, and to promote more efficient business and maintenance operations. Of supreme importance to the laboratory were two new refrigerators, a 52 gallon hot water heater, two electric slide warmers, two paraffin ovens, an ultra violet lamp and two Scheibler desiccators with plates. Dr. Cleveland and Bruce contributed of their time and ability in preparing the dark room for use. In a less academic vein, but of equal moment, was a new washing machine, purchased on recommendation of the Planning Council and coming to fruition through the efforts of Dr. Reynolds. War surplus materials abounded. Heading the list was the Willys jeep followed later by a tripod vise, pipe cutter, three pairs of field glasses, and projector for opaques and lantern slides. Even the Station road got special attention in the form of 24 tons of gravel, and the grass profited from the liberally spread lime dust. The stockroom was reorganized and inventoried so that supplies might be found and used more efficiently. Forty new Sociability Song Books were obtained. Mrs. Snoddy had several pictures framed for the Station.

Library News

The Mt. Lake Biological Library had a busy summer, with most of the investigators and students using its services as well as securing interlibrary loans for books and journals not available at Mt. Lake. There were approximately 300 reprints added to the 25,000 pamphlet collection. New journals, more books to remain at Mt. Lake, a typing desk, filing cabinet, and library typewriter were acquired. More historical data about the 1954 Silver Anniversary and the 1955 Open House were added to the history file. Photostatic copies of pictures and biographical sketches of the biologists for whom the cottages are named were placed in the files through the generosity of Miss Carver. Arrangements are being made for a permanent filing catalog, with maps showing location of species around Mountain Lake. Dr. Wenrich presented a copy of his new book "Sex in Microorganisms". Dr. L. R. Cleveland has announced his intention of giving his library and slides to the Mountain Lake Biological Station upon his retirement a few years hence.

Library personnel included Miss Marjorie Carver from the Alderman Library who spent three weeks with us, Helen Peightel, who was assisted by Sally Miller, and Bill Peightel, who classified many of the new reprints.

Kitchen Korner

For another seven-week summer Mrs. Myrtle A. Bates chugged up the mountain in her Plymouth loaded with those fancy red place mats. Mrs. Juanita Holloway joined the "family" in the kitchen August 2. Under the guidance of these two ladies the quality and quantity of food for starved scientists left nothing to be desired.

And who stirred us in the morning with the 7:00 bell and presided at the stove and dish pans all day? Charles Walker and Raleigh Mason, whom we welcomed

back from 1954, and Bernard Haythe, who declared in 1952 that he would never come back. And, boys, you really did a great job. Thanks!

The "children" were: Diane TeStrake, Rose Mary Johnson, Doris Hatfield, Dolores Kanner, Bill Peightel, Harold Milliken, and Tom Mullins. Thanks to the Bob's: Flory, Miller, and Gillespie, the "children" got off duty occasionally to see sunsets and to relax from the strain of keeping up with the ebb and flow of diners.

Planning Council

The planning council met on Tuesdays throughout the summer. The council consisted of the staff, senior investigators, and elected representatives who were Rose Mary Johnson, women students, Robert Flory, men students, and Harry Holloway, junior investigators.

Since its inception in 1947, the council has continued to democratically offer suggestions and criticisms for the well-being of the Station and its members.

Ground Crew

The ground crew consisted of Bob Flory, Bob Miller, Morrison Miller, and Ed Crawford. This be-mopped retinue continued the routine of past years. Through their consistent efforts, the laboratory was kept presentable and in good working order, bags and people properly ensconced and the coke machine filled. The floors were polished for Open House and the foyer windows cleaned.

Sunday School and Church

Under the able direction of Jean Pugh the young ones had bible instruction each Sunday. In addition to singing and hearing stories, the children enjoyed learning to work and play together. It is hoped that this activity will be continued another year. Many of the grown-ups attended church services in Blacksburg and near-by communities.

Visitors

There was no dearth of interested people attracted by the Station in 1955. Approximately three hundred or more such persons from all parts of the country, ranging from Louisiana to Connecticut, Texas, Florida, and various other states, found their way to the mountain top for purposes of gazing, learning, teaching, and assuaging curiosity.

OPEN HOUSE

Open House was quite a success this year. For days the "drones" buzzed around collecting wild flowers and various choice bits of botanical beauty, and even sewer pipes from Mr. Couch. The mystery of their activities was unfolded, however, as we gazed upon the "Grecian urns" filled with cat-tails and "wild cotton", and the

THE INVESTIGATORS

Robert Flory, University of Richmond, studied the development and nutritional requirements of a fungus causing mycetoma, or Madura Foot, in man.

John Henry Reeves, Jr., Virginia Military Instituted, worked on the embryonic development of a shrub, Polygala polygama, which grows along the Atlantic coast.

S. Robert Heffner, Newcomerstown, Ohio, studied the relationship between the structure of wood and the habitat in which it grows, using the black gum as material.

Drs. L. R. Cleveland and W. L. Nutting, of Harvard University, studied the wood-feeding roach which occurs in rotten logs in the vicinity. They are attempting to shed some light on possible answers to the following questions: How does a cell grow? What makes it grow? What stops it from growing? What causes differentiation of cells? Why do most cells become old and die? How do some cells become rejuvenated and thus avoid aging and death. Will it eventually be possible to prevent aging in higher organisms, as is now possible in some of the lower ones and in certain tissue cultures of the higher ones?

Drs. Miriam A. Albertson and Ruth McClung Jones, Winthrop College; Dr. John O. Corliss, University of Illinois; and Jesse C. Thompson, University of Virginia, worked with certain ciliated protozoa which are found free-living in fresh water or sometimes in tissues of animals. Some of the aspects of their work involve studies of sexuality, inter-relationships of various species, the faculty of living in different host animals as parasites, and their capacity for causing damage to the animals in which they live.

Harry L. Holloway, Roanoke College, studied the worm parasites of the mammals of the Mt. Lake area. His findings indicate that approximately one-fourth of the animals examined are infected with some type of worm. This infection is perhaps somewhat less than would be encountered in regions of lower altitudes.

Walter J. Harman, Louisiana Polytechnic Institute, worked on the earthworms of the region. When the investigation was begun in mid-June, only three species were known from Virginia. Twenty species have been added to the list. This list of 23 species is surpassed by those of only two states, Illinois and Ohio.

Dr. Howard G. Sengbusch, N. Y. State College, Buffalo, made a survey of the oribatoid mites in the Mt. Lake area; he is attempting to elucidate further the role of these mites as intermediate hosts of certain tapeworms, such as the sheep tapeworm, and to discover whether these mites act in any way as transmitters of fungal diseases of plants, such as oak-wilt.

Edward A. Crawford, Jr., Columbia, S. C., worked with a group of animals called ostracods (lice-like crustaceans) which inhabit the body surface

terrarium in the Rose Room abounding in mosses, mushrooms, blossoming plants and "Indian pipes". Even old-timers commented that all the buildings had never been more attractively decorated.

Dr. Cleveland opened the afternoon's activities with a splendid lecture on "What is Sex? Its Origin and Evolution". Nearly 100 guests came, many from the hotel and local villages, who said they were curious to know just what was on the mountain-top. Students acted as guides, taking the guests on tours of the grounds and buildings. (The day before, you should have seen them studying the life histories of the men for whom the cottages are named, so that they could sound well-informed.)

When all assembled in the auditorium, Dr. Reynolds introduced the staff, faculty, and investigators, and welcomed the visitors.

On the porch of the dining hall, punch and sassafras tea were enjoyed by all. (Thanks to the Ecology class for digging the sassafras roots.) An efficient committee assisted Mrs. Holloway in making possible a delightful party.

Mrs. H. H. Hobbs, Jr.

PORTRAIT BUST OF BRUCE D. REYNOLDS PRESENTED TO THE STATION

One of the highlights of the summer was the presentation of a Portrait Bust of Dr. Reynolds to the Station by Margared Smoot Laessle. The presentation was made following the Sunday evening Sing in the auditorium of the Laboratory on July 10. Dr. Hobbs was in charge of the ceremonies, and after paying a brief tribute to the outstanding leadership and accomplishments of Dr. Reynolds as Director of the Station, he introduced Mrs. Laessle who recounted the pleasure she had derived in modeling the bust and in getting acquainted with the Director. The bust, which had been placed upon the mantle in the auditorium was unveiled by Ruth Mullins and Alice Hostetter. Dr. Hobbs accepted the gift on behalf of the Station.

Mrs. Laessle, well-known sculptress who resides in Gainesville, Florida, studied at the Pennsylvania Academy of the Fine Arts under Charles Grafley and Albert Laessle, her husband's father. She has exhibited her works in various cities in the north and southeast. Recently she completed busts of the past presidents of the University of Florida.

COURSE WORK AND RESEARCH

As usual, four advanced courses in biology were offered each term. In addition to the class work there were twenty investigators working with various organisms: protozoa (6), helminths (1), crustacea (3), arachnids (1), insects (3), vertebrates (3), plants (3). It is estimated that about fifteen scientific articles will result from this work.

and gill chambers of crayfishes. Particular attention is being given to their distribution and host relationships.

Dr. Horton H. Hobbs, Jr., University of Virginia, studied the geographical and ecological distribution of crayfishes. Special attention is being given to the crayfishes of the New River System and the influence of the River on the migrations of these animals.

Mrs. A. V. Kanner, Baltimore, Maryland, investigated the seasonal variations in the female reproductive system of the crayfish.

Dr. F. Earle Lyman, Southern Illinois University, worked on a reclassification of a certain group of mayflies, some of the members of which occur in the Mt. Lake Region. The collections that were made will be used for the purpose of correlating data on color and breeding on a latitudinal basis over the range of the species concerned.

Dr. Anita Zorzoli, Vassar College, also worked with mayflies. She was particularly interested in the effect of temperature on pigment deposition in the young stages.

Dr. Alice Ferguson, East Texas State Teachers College, investigated the dragonfly and damselfly fauna in Giles County and vicinity. She is primarily interested in the young, aquatic stages of these insects.

Victor H. Hutchison, Duke University, worked on the cave salamanders in the Mt. Lake region. An attempt is being made to relate the distribution of these animals with various environmental factors such as light, humidity, temperature, food, etc. Laboratory studies are being made to observe the reactions of the animals to individual environmental factors.

Dr. Richard G. Zweifel, American Museum of Natural History, N. Y., studied the adaptations of salamanders to different temperatures. He is especially interested in the upper thermal limits that can be tolerated, since this may serve as an index to their ability to adapt themselves to different thermal conditions in nature.

Dr. J. David Deck, University of Virginia School of Medicine, investigated regeneration of severed appendages of amphibians with special reference to the nerves involved.

LECTURES

GLEANINGS IN HELMINTHOLOGY - E. E. Byrd, University of Georgia
EVOLUTION IN SOME CILIATE PROTOZOANS - J. O. Corliss, U. Illinois
A TRIP TO JAMAICA - A. M. Laessle, University of Florida

TRANSFAUNATION OF TAENIA TAENIAFORMIS INCIDENTAL TO RADIATION STUD-
 IES - A. W. Jones, University of Tennessee
 SCENES AROUND MOUNTAIN LAKE. REPORT OF WORK BEING DONE BY INVESTI-
 GATORS - B. D. Reynolds, Director
 ARCHEOLOGY OF SOUTHEASTERN VIRGINIA - J. H. Reeves, Jr., V. M. I.
 SYMPOSIUM: THE ECOLOGY OF CERTAIN GROUPS AROUND MOUNTAIN LAKE -
 PROTOZOA IN CRYPTOCERCUS - L. R. Cleveland, Harvard University;
 BRYOPHYTES - P. M. Patterson, Hollins College; HELMINTHS - H. L. Holloway,
 Roanoke College; EARTHWORMS - W. J. Harman, Louisiana Tech.
 MOLTING OF INSECTS WITH SPECIAL REFERENCE TO PROBLEMS PRESENTED BY
CRYPTOCERCUS - W. L. Nutting, Harvard University
 KODACHROMES OF BIOLOGICAL LABORATORIES, NATIONAL PARKS AND EUROPE -
 Anita Zorzoli, Vassar College
 THE SHOOT APEX THROUGHOUT THE LIFE CYCLE OF PSILOTUM NUDUM -
 David Bierhorst, Cornell University
 SOME PRESENT-DAY TAXONOMIC PROBLEMS OF THE ORDER EPHEMEROPTERA -
 F. Earle Lyman, Southern Illinois University
 WHAT IS SEX? ITS ORIGIN AND EVOLUTION - L. R. Cleveland, Harvard University
 NOTES ON THE PROVENTRICULAR ARMATURE OF IMMATURE DRAGONFLIES FROM
 THE VIEW POINT OF TAXONOMY AND PHYLOGENY - Alice Ferguson, Louisiana
 State University
 A BRIEF REVIEW OF THE FAMILY DICROCOELIIDAE (TERMATODA) - John A. Pattern,
 Middle Tennessee University
 FLORA OF THE GRANITE OUTCROPS OF GEORGIA - Dr. W. B. Baker, Emory Univer-
 sity
 INTERPRETING BIOLOGY FOR THE LAYMAN - George Kent, Louisiana State University
 AN ARCHEOLOGICAL TRIP TO CUBA - Kenneth Wagner, Wm. & Mary, V.P.I.
 Extension, Norfolk Division

WEATHER REPORT, 1955

The season was another relatively dry one with bright days for collecting trips
 and volley ball and clear starry nights for studying lunar effects on the local "Flory"
 and fauna. We tried to beat the Station record on heat but the best the maximum
 thermometer could muster was 87°F on July 4 and again on the 22nd. An early season
 "cold wave" lowered the mercury to 40°F one week. The average maximum for the
 summer was 78°F; the minimum, 60°F. Rain was sprinkled here and there through-
 out the season with several sudden hard showers coming at unpropitious times. The
 second and most of the third week in August, were all fogged up with our heads in the
 clouds, and 2.8 inches of precipitation descended rather effectively during the after-
 noon of August 17--our part of hurrican Diane.

John O. Corliss

SPORTS . . . and poetry

The king of all the sports this year
Was volley ball, hooray! Let's cheer.
So acrobatic was this game
That Jess and Bill became quite lame.

Croquet, though, was the runner up;
The game they say requires much luck.
Mrs. Bates again retained her throne,
While on the courts the flashlights shone.

The horseshoes sounded in the pits
While nearby youngfolk gave you fits
By batting birds across the net -
On badminton you should not bet.

Now some took hikes to see the deer
And this indeed was good to hear,
Cause Rose Mary, for old time sakes,
Took others out to look for snakes.

The tennis court had heroes too,
Among them Albert Laessle, who
Played oft and long his waist to slim
And prove to youth he still had vim.

The swimming pool was used a lot,
Though some got wet, others did not.
When algae grew at rapid rate
We killed them with copper sulphate.

Robert Flory

NOTES ON MR. COUCH

Mr. Farley Couch and family came to us one snowy day in January "53" and things have been "looking up" ever since.

Born in Russell County, Virginia, on Route 3 near Castlewood, he spent his boyhood on the banks of the Clinch river fishing and bullfrog hunting. At the age of 13, in the days when boys were men, he worked a ten-hour day in a barrel stave mill for 75¢. Twenty-five cents of this went for gloves since a new pair was needed each day. He was introduced to the coal mines at fifteen as a sand-dryer. Then, for the next 33 years he was underground where working conditions were as "dangerous as a cocked shotgun". During this time he was hospitalized 11 times and if he hadn't been as "quick as a hant" he wouldn't be here today.

His advice to the young men is, "Buddy, don't work in the coal fields for a living".

Our hats off to Mr. Couch for his important part in keeping Mr. Lake in good order.

Jesse Thompson

PUGH'S PERSONAL PIN POINTS

. . . . with Trudy Reeves

Perhaps the most interesting tidbit of news for the summer was made by Miss Arthropod, who, when asked to name the most famous biologist of the last 200 years, picked Dr. H. H. Hobbs, Jr. It may come as a gladdening surprise to you to learn that Darwin is now running him a close second.

Speaking of the Most Famous Biologist, he was indeed a sight to behold at the Hallowe'en party clothed (and I use the term loosely) as a bathing beauty. The love-birds (Earle and Flory) were costumed to depict the stages of mitosis, homologous chromosomes.

Irony unequaled: The foggy night when Pitman and Witcher drove 40 miles for a liver dinner and returned to find that the menu for the Station had been liver, of course!

We missed lots of the folks who left at the end of 5 weeks. Remember Mrs. Laessle plastering Dr. Reynolds with some help from Dr. of Psychoceramics John H. Reeves (who later was awarded a bronze plaque for meritorious service including bending steel rods); and Tony Jones and his classic statement about Dr. Lyman's souped up snail? Dr. Deck got himself all married up in August. And when John Phillips went home with his muscles some sad gals were left behind. We still regret that, before their departure, our friends from Richmond were unable to persuade Dr. Orcutt to demonstrate the hula.

Two students who are planning to make a survey of the snakes in Giles County are Rose Mary and Pat, who plan to use the results of this survey for a master's thesis. (The name of the thesis?? HOW BEST TO AVOID RATTLESNAKES IN THE MT. LAKE AREA AND CROWDED CARS)

We had a bit of trouble with salamanders, particularly one which goes by the tag of Pseudotriton pipa blocka. Ed Crawford has changed his master's research from ostracods to working out the affinity of Pseudotriton pipa blocka for galvanized pipe. It should be an interesting problem and the pink-shirted militia in Chapman will be glad to hear the results.

Speaking of salamanders, Vic Hutchison could write a lovely story about those in Lucas' cave. Vic aroused the interest of most of us by getting himself mislaid, June 26, along with his nephew, John. Having entered Dowdy's cave about four in the after-

noon, they were not found until six the next morning. A most exciting adventure for all concerned!

Poor Sam! She had a terrible time with all those bashful boys in Acoelomates. Wonder what Dr. Patton thinks about this? Ivy League Sengbusch did a good job of taking care of him though. Sorry we weren't in on the late evening swim party followed by coffee. Dr. Nutting could probably enlighten you on this.

The "jedge" arrived safely for the last term and right off the girls started whistling at him. We hope Mrs. Baker didn't mind too much. Seems like he had a little trouble with fruit flies when someone opened a culture bottle to let the flies back in.

Wonder where Dr. Wagner found such lovely cypress knees at Mt. Lake? Maybe the day he and the missus took a bog trip! Rose Mary would know.

Dr. Bierhorst is really with the Paleobotany business. The question is, where are the hunting grounds for shooting apices?

How about the Acoelomates trying to get to breakfast and/or class, poor body cavities. And then there was the time the Archegoniates developed a belly crawl on a hillside near Tawney's Cave.

In closing, we advise you to watch for the book-of-the-month. . . Reynolds and Baker's **THEY WENT DOWN FIGHTING**, or **UNDER THE THUMB**, complete with illustrations depicting the stages of man's capitulation to superior forces (wives). Although the book stresses various ways and means of avoiding pitfalls leading to such capitulation, it is felt that the authors do fall a bit short of this mission. It may be more efficacious to do as Horton, Dave, Craig and other younger members of the Station did; simply walk away from it all into Paradise Clearing.

ALUMNI NEWS

John E. Davis, Phillip Graef, and Robert Amy, received Doctor of Philosophy degrees from the University of Virginia in June '55.

Bob Amy also recieved the Andrew Fleming prize in Biology at that time.

Jack Davis remained in Lexington where he is an Instructor in Biology at Washington and Lee.

Phillip and Alice Graef are in Greenville, N. C., where he is on the faculty at Eastern Caroline Teachers College.

Bob Amy remained at Susquehanna University.

Jean Pugh and Steve Chandler recieved Master of Science degrees from the University of Virginia in June '55; and Skip Pelan recieved one in August '55. Jean is teaching at the William and Mary Extension in Norfolk. Steve is attending veterinarian school in

Oklahoma and was married on August 27 '55 to Jeanne Karen Fisher.

Skip will continue in the graduate school of U. Va. working toward a doctorate in biology.

Mr. and Mrs. James Wiltshire entertained the group last summer with slides and stories of their trip to South America last winter.

Jesse and Hazel Thompson are living in Roanoke. Jesse is assistant professor of Biology at Hollins College.

The Grover Pitts are living in their new home in the Knollwood Section of Charlottesville.

Dr. Pitts and Dr. Royal Shanks spent some time in Alaska on grants last summer. Dr. Pitts studies mammals and Dr. Shanks plants.

Jean Lance is studying for a Ph. D. at the University of Tennessee.

Dorothy Crandall is also at the University of Tennessee working for a Ph. D. while on a years leave of absence from Randolph Macon Womans College.

Bill Hart is replacing Dot at Randolph Macon Womans College.

Mrs. Authur Jones enjoyed a trip to Europe last summer while Dr. Jones and Tony were at Mountain Lake.

Dr. Horton H. Hobbs, Jr. was appointed full Professor of Biology at the University of Virginia in June '55.

Ruby Henderson is secretary for the Welfare Department in Lexington.

Al Kanner spent last summer externing at Memorial and Crippled Childrens Hospital in Roanoke.

Jim Larimer recieved the M. S. degree from the University of Virginia in June '54 and is continuing work for a Ph. D. at Duke.

Fulton Fite is a sophomore at the University of Virginia Medical School.

Misses Dorothy McMeekin, Mary Lou Callihan, and Regina Giordano completed requirements in June for the master's degree at Wellesley. Dot is working on a Ph. D. at Cornell; Mary Lou has a civil service bacteriology job in Boston; Regina is research assistant to an embryologist at Cornell.

Mr. Harold Gentry finally decided to give up enough plants to make room for an attractive wife.

Dr. W. L. Nutting is associated with the Department of Entomology, University of Arizona.

Daisy Roach recieved a B. A. from Hood College in June '55.

Dr. and Mrs. William F. Diller have spent a part of the past year in Southeastern Asia where Dr. Diller was working under a National Institute of Health Fellowship. Mrs. Diller was making a survey of the cancer situation in India.

Dr. David H. Wenrich retired from the University of Pennsylvania in June '55 and was given a large testimonial dinner attended by some Mountain Lakers'.

Dr. R. F. Kimball was one of four symposium speakers at the A. I. B. S. meeting in East Lansing, Michigan in September '55.

Chuck Needy is in the army and working in the Parasitology Division at Walter Reed Hospital.

Eunice Thompson is on a fellowship at Duke working towards a Ph. D.

Dr. Sam Meyer is now Dean of the College of Arts and Sciences at Center College in Missouri.

Jack Burch is at Michigan University working for a Ph. D.

Dr. David Bierhorst is Assistant Professor of Botany at Cornell.

Dr. H. K. Wallace has been made chairman of the Department of Biology at the University of Florida.

Dr. Orland E. White (one of our frequent visitors) retired from the University of Virginia where he was Professor of Biology and Director of the Blandy Experimental Farm, and is teaching this year at Sweet Briar Collège.

Dr. Ralph E. Singleton was appointed Miller Professor of Biology and Director of Blandy Experimental Farm of the University of Virginia.

Dr. and Mrs. William A. Kepner spent the summer touring Europe.

Dr. Bruce D. Reynolds, chairman, and Dr. John O. Corliss were appointed members of the Committe on Honorary Memberships for the Society of Protozoology. Dr. L. R. Cleveland was elected president of the Society of Protozoology.

Dr. Anita Zorzoli began her duties as Associate Professor of Physiology at Vassar College in September '55.

Juanita and Harry Holloway

STORK NEWS

Marian Beckner Riggins has a daughter, Katherine Edith, born last summer.

Pat and Bob Heffner have a son, Mark, born last December.

Teressa and Vic Hutchinson have a daughter, Vicky, born last March.

Hazel and Jesse Thompson have a son, Warren McCullouch, born October 31.

PERSONNEL

Dr. Miriam A. Albertson, 639 College Ave., Rock Hill, S. C.
Miss Mary Catharine Bahner, 105 W. Farragut Rd., Oak Ridge, Tenn.
Dr. and Mrs. W. B. Baker, Dept. of Biology, Emory University, Georgia
Mrs. Myrtle A. Bates, Virginia Episcopal School, Lynchburg, Virginia
Dr. David W. Bierhorst, Dept. of Zoology, Cornell Univ., Ithica, N. Y.
Miss Marjorie Carver, 100 W. High St., Charlottesville, Virginia
Thomas C. Cheng, Biology Dept., University of Virginia, Charlottesville, Va.
Dr. and Mrs. L. R. Cleveland, 16 Divinity Ave., Cambridge, Mass.
Dr. and Mrs. J. O. Corliss, Dept. of Zoology, Univ. of Ill., Urbana, Ill.
E. A. Crawford, Jr., 618 Pickens St., Columbia, S. C.
Miss Samuel H. Crim, New Market, Virginia
Dr. J. David Deck, Dept. of Anatomy, U. Va. Medical School, Charlottesville, Va.
Miss Sylvia A. Earle, 735 Wilkie St., Dunedin, Fla.
Dr. Alice Ferguson, Dept. of Biology, East Tex. S. T. C., Commerce, Texas
Robert Flory, 6431 Roselawn Rd., Richmond, Virginia
Miss Patricia Ann Fowler, 1617 N. Washington Ave., Scranton 9, Pa.
Billy E. Frye, Rt. #1, Clarkesville, Ga.
Robert F. Gillespie, Jr., Lebanon, Virginia
Miss Barbara Ruth Glover, Victoria, Virginia
Miss Beverly Ann Hammer, Chatham, Virginia
Mr. and Mrs. Walter J. Harman, Dept. of Zoology, Univ. of Ill, Urbana, Ill.
John W. Hasty, Box 184, West Point, Virginia
Miss Doris Hatfield, Holly Hill, S. C.
Bernard Haythe, Virginia Episcopal School, Lynchburg, Va.
Mr. and Mrs. S. R. Heffner, 643 E. Canal St., Newcomerstown, Ohio
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