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J.M.A.

Mountain Lake ECHOES

MOUNTAIN LAKE ECHOES 1954

Editor: Katherine S. Davis

Art Editor: Jean M. Amy

GREETINGS FROM THE DIRECTOR

We are finishing our first quarter of a century. Father Time has been careful with his sickle, so that most of the first to assemble are still standing. What a pleasure it is to greet you year after year and recall the pleasant days spent together on Salt Pond Mountain.

Twenty-five students and sixteen investigators were in residence at the Station during the 1954 session. About one third of these came from Virginia, the others from ten states mostly east of the Mississippi River. Including the staff members, thirty-seven educational institutions were represented.

Some of the courses to be offered next year are: Archegoniates, Arthropods, Bacteriology, Cytology, Helminthology, Plant Ecology, and Plant Morphology. The eighth course has not been decided on yet.

With all good wishes for a Merry Christmas and a Happy New Year.

GREETINGS FROM THE EDITOR

At this season our thoughts turn often to friendships, old and new. We remember the pleasant hours spent together and look forward to a time we again can be with one another. I'm sure we remember particularly the weeks spent at Mt. Lake and the good times we enjoyed among friends. May this new year bring happiness and good cheer to us all. Merry Christmas!

PROJECTS

Of course the biggest "project" of the summer was the preparation for, and the celebration of, the Silver Anniversary. Mrs. Reynolds has recorded the events of that day for us and they have been incorporated into this edition of the ECHOES.

The foyer of the laboratory has been made more interesting with the addition of models, Indian relics and the painting of back drops in the display shelves. Miss Grace Smythe painted the two lower back drops and made several models for display. These models include a young opossum, Box turtle, rabbit, house mouse, chipmunk, toad, Triceratops, Stegosaurus, and a Tryannosaurus. Miss Smythe

presented to the Station a statuette of William Harvey, discoverer of the circulation of blood, and his assistant. Mrs. Christina C. Capehart graciously painted the upper backdrops for the Station during the last four days she was a guest at the hotel.

The museum, sometimes referred to as the store room, has been completely "re-done". The collection of bird nests were labeled and arranged in the main room and the skinned bird specimens were arranged according to their phyla. Dr. Hobbs catalogued a complete collection of all of the crayfish of the area. Live exhibits included a rattlesnake, land terrapin, garter snake and forest plants. The section of a large tree, 203 years old, with dates of special interest marked was placed in the center of the room. A display of beaver cuttings was set up, pictures from the files were framed and hung, the contour relief map was repainted and the collection of bird and mammal skins were cleaned.

The small back room was used as a department of fossils and mollusks. The fossil collection, assembled by Dr. J. K. Roberts' paleontology class of 1938, was washed and relabeled, and arranged so that the fossils can be identified from a key. Other fossils from Pennsylvanian and Cretaceous periods completed this collection. The mollusk collection with its identifying key was hung on the wall for easier use. The collection was made by Dr. Paul R. Burch and Miss Frances Allen in 1938. Riker mounts containing shells from this area completed this collection.

The small front room housed the collection of things of local interest. Outstanding among these are the Confederate relics found on or near the Station. A good archaeological assortment, collected by members of the Station from an Indian village near Pembroke, was displayed. Numerous other articles, including the pictures of the trial of Jack the Ribber and Virginia Odocoileus, were also placed in this room.

25th ANNIVERSARY CELEBRATION

For the students, investigators, faculty, and the host of friends during the twenty-five years of the Mountain Lake Biological Station, it is a privilege to pay tribute to Dr. Bruce D. Reynolds, the first Director of the Station and the present Director since 1946. Through the vision and faith of the two directors, Dr. Ivey F. Lewis and Dr. Bruce D. Reynolds, the Mountain Lake Biological Station stands today as one of the finest inland laboratories in America.

Since as early as 1929 the energy and drive of Dr. Reynolds coupled with good judgment, practical skill, intellectual and physical prowess have given permanence to the Station. Added to these qualities is his absorbing interest in the students, a continuous helpfulness and guidance in their research, a keen sense of humor in the life of the Station, a love for the out-of-doors as evidenced on the collecting trips and the trail blazing, a true democratic spirit as revealed in the weekly meetings of the Planning Council, and his ever genial personality. These worthy traits have won for him the love, the loyalty, and the respect of all Mountain Lakers.

No tribute to Dr. Reynolds would be complete without the sharing of it with our wonderful friend and his help-mate, Mrs. Reynolds, who, through her gracious

hospitality at the Walter Reed Cottage and her interested participation in all activities, has added many happy hours to the Station life at Mountain Lake.

To Dr. and Mrs. Reynolds we wish a continued success, with years of rich memories and happiness, and for the Station "a growing usefulness in the field of higher education".

Mrs. James W. Wilshire, Jr.

ACCOUNT OF THE SILVER ANNIVERSARY OF THE FOUNDING OF THE MOUNTAIN LAKE BIOLOGICAL STATION OF THE UNIVERSITY OF VIRGINIA

Saturday, July 17th, 1954 was truly a perfect day at the Mountain Lake Biological Station of the University of Virginia. The sun shone brightly; the temperature ranged from 79° to 59°; there was not a cloud in the sky.

This, however, was not a day left to chance, for it was set aside for a special celebration: The Twenty-fifth Anniversary of the founding of the Station; and to each at the Station was assigned some particular responsibility.

The responsibility for fair weather was assigned to Mr. Bob Amy. For days he cocked a wary eye toward the weather vane, consulted the temperature and barometer readings, and finally, on the 16th, confidently announced that the morrow would be clear and pleasantly warm. His prediction proved to be correct.

Although all were concerned and praying that our weather man would not fail us, there was much else to be done in preparation for the celebration.

Plans were started the previous fall, when Dr. Reynolds, the Director, had the design made for the front of the Mountain Lake Bulletin which was issued in February of 1954. It was a lovely and appropriate design, consisting of a drawing of each of the three buildings which have been used as laboratories at various times. The cover was in silver, with buildings etched in black.

On June 30th, Dr. Reynolds drove to Charlottesville, where he had the programs printed, stopping first at Salem to give orders for the printing of the formal invitations in silver, thus carrying out the silver motif. On July 2nd he returned with invitations and programs, and that night, under his direction, several hundred envelopes were addressed, ready for mailing in the morning. Those assisting in this work were: Mrs. Wenrich, Mrs. Holloway, Mrs. Reeves, Miss Carver, Mrs. Snoddy, Mrs. Pullen, Mr. Reynolds, Mrs. Sippel, Miss Lovelace, Mrs. Amy, Jack Reeves, Bob Hunter, Ruby Henderson and Jack Davis. The next day Mrs. Peightel finished the job.

Not the least of the preparations was the interior decoration of the museum. Mrs. Francis Hunter, wife of one of the Staff members, courageously volunteered to be responsible for this undertaking. Fortunately, quite a few of the wives - often referred to as the "drones" of the Station - helped with the work, with Jack Reeves, the Business

Manager, serving as chief aid. For eight days, off and on, they and their helpers, Mrs. Wenrich, Mrs. Hobbs, Mrs. Amy, Mrs. Wiltshire, Mrs. Pullen, Mrs. Davis, who typed identification cards for specimens, and others, washed jars containing specimens; arranged them on scrubbed shelves; arranged separate displays of the geologic specimens and of Indian artifacts, the latter having been contributed mostly by that intrepid archeologist, Captain Jack Reeves.

The display of bird nests found in the Mountain Lake Region was arranged by Mrs. Wiltshire. Curtains were made on Mrs. Amy's portable sewing machine, Mrs. Wenrich, Mrs. Hunter, Mrs. Pullen and others helping with the cutting and basting. But what the workers seemed proudest of was the artistic table cover made of guano sacks obtained at a feed store by Mrs. Hunter and Captain Reeves. The topographical map was repainted by Mrs. Amy.

But all foolishness aside, the museum, for the first time, is now a place which we are proud to have visitors see.

Bob Hunter did an expert job in painting the case for the display of bird nests and Nina and Horton Hobbs, Jr. and Bruce and Isabel Hunter helped as messengers and in odd jobs at this Museum Renovation - as did the Amy boys.

As a pageant depicting the discovery of the lake by Christopher Gist in 1751 was to be enacted, a hunting shirt of the design used in that period had to be made. Again Mrs. Hunter came to the front and offered to make the shirt. For material she donated a perfectly good sheet; for a pattern reference was made to the young Hunters' "funny books". Again the portable sewing machine was put ot use; and with some help from Mrs. Reynolds, the shirt was made the night of the 14th and dyed a "pioneer" brown the next day by Mrs. Pullen. From Pembroke, Captain Reeves obtained a coon's skin, and with Dr. Hunter's assistance, fashioned a coonskin cap of which even Daniel Boone well could have been proud.

Sassafras roots were dug, cleaned, and chopped by Reynolds, Reeves, Couch, Bruce Hunter, Wilson Hobbs, Sr., and Sippel; and that choicest of all beverages, sassafras tea, was brewed by the major domo of the kitchen, Charles Walker, for the reception.

This orderly confusion prevailed at the Laboratory Building, also. There, Mrs. Hobbs and her assistants, Dr. Wilson, Mr. and Mrs. Wiltshire and Dr. Hobbs, arranged lovely floral decorations for the foyer, auditorium, Rose Room and library; while the members of each class busily arranged the laboratories. Demonstrations were set up for visitors, which were explained to them by Dr. Wenrich, Dr. Hobbs, Dr. Hunter and Dr. Sippel, assisted by: Pelan, Malinin, Jean Lance, "Tommy" Thompson, Dr. Wilson, Dolores Hoback, Charles Jarrett and Daisy Roach.

The last to be done in preparing for the next day's celebration was the packing of the box lunches for members of the Station and expected guests. That evening, Mrs. Bates, our superlative dietician, and her numerous assistants - Mesdames Wiltshire, Hunter, Reynolds, Davis, Pullen, Peightel, Hobbs, Sippel, Reeves, Wenrich, Holloway, Amy, Margaret (Peggy) Walton and Lucille Walton - in record

time completed the task. At last, all was in order for the long anticipated celebration.

Shortly after breakfast on July 17th, the members of the Biological Station community began to converge upon the Mountain Lake Hotel grounds, where contests between representatives of the Hotel and the Station were to take place.

First on the program was a boat race which was won by the Mountain Lake Hotel crew. The winners, Sonny Meredith and Joe Brown, received a silver loving cup, hand-wrought of Reynolds' Wrapper silver. Those representing the losers, Dr. Theodore Sippel and John Davis, Jr., received a small cup, similarly fashioned, as a consolation prize.

Then, there were the tennis matches, which turned out to be contests between "Mountain Lakers", the Hotel defaulting.

Next, there was a trained animal show conducted by Mr. Frank Moser, of Pembroke. The stunts done by "Bill", the large sorrel horse, and "Bingo", a black and white, highly intelligent mongrel dog, were truly amazing, and many pictures were made of them during the performance. The appearance of a young chimpanzee added to the interest of the crowd, and was a source of much amusement and entertainment, both at the Hotel and at the Station. "Mbongo", the chimp, was brought from Africa by Dr. Sidney W. Britton, retired, of the University of Virginia Medical School, for the purpose of studying the chimp's response to human behavior. "Mbongo" may not have been confused by the crowd, but was the cause of at least one young research scientist becoming so confused as to refer to his young son as "My son, the chimp"!

The morning activities concluded with a short pageant depicting the discovery of the lake by Christopher Gist. As Captain Jack Reeves, attired as Gist and looking the part of an heroic figure, rode up to the head of the lake, attended by his faithful servant, Flim Jackson - a waiter for the past 35 years at Mountain Lake Hotel, and looking every inch the part he portrayed - the story of the history of Mountain Lake was briefly told by Mr. John Stone, a retired teacher from Paint Bank.

At one o'clock, a box luncheon was served on the grounds of the Biological Station to the Station members and guests, after which the guests were taken on a tour of the buildings and grounds by those appointed to serve as guides, Dr. E. W. Pullen and his assistants: Steve Chandler, Doris Hawse, Mr. Bynaker, Dolores Hoback and Jack Burch. In addition to the Laboratory Building, the following cottages were open to the guests: Reed, LeConte, Schoew, Maphis, Audubon, DeSchweinitz, and Chapman.

As there was some chance that guests for the afternoon activities might take the wrong turn and end up in West Virginia, Mr. Ed. Crawford, J. Larimer, M. Warner, and our inimitable care-taker, Farley Couch, were asked to direct the traffic. While the luncheon was being served on the lawn, Couch stood guard at the fork of the roads. When Mr. Warner went to relieve him, there he stood, holding down a rattlesnake with a pronged stick. This was a real prize, as search had been made for a rattler for several days, a final group going in search of one only the evening before. It was an unusually large timber rattler, and furnished great excitement, especially to the

youngsters, when it was brought back alive and placed in a cage for display.

At three-thirty the crowd, numbering about 150, assembled in front of the Laboratory Building for the formal program, Dr. Reynolds, Director, presiding. Invocation was given by the Reverend Ellison Smyth, Pastor of Blacksburg, Virginia, Presbyterian Church. The Address of Welcome was scheduled to have been given by Colgate W. Darden, President of the University of Virginia, who discovered his secretary had made a conflicting engagement and so was unable to be present. Mr. Darden requested the Director to speak on his behalf, and a cordial welcome was extended, in the course of which Dr. Reynolds made this statement, well worth pondering over: "We are students of life; we are here to improve life, not to destroy it."

After the presentation of the Instructorial Staff and Distinguished Guests by the Director, a brief but comprehensive history of the Mountain Lake Biological Station was given by Ivey F. Lewis, Dean of the College of Arts and Sciences, University of Virginia (Retired). Dr. Lewis spoke on interesting events connected with the Station from the time the first laboratory was installed at Thompson Cottage, at the Hotel, to the years following the opening of the present laboratory.

The Principal Address was given by C. E. Sunderlin, Deputy Director, National Science Foundation, who spoke on the Sinews of Science. Four important sinews, he said, were: (1) Individuals with capacities for becoming productive scientists; (2) training of such individuals; (3) opportunities for research; (4) exchange of ideas and information on research development, between scientists. He spoke of some of the accomplishments of science during the past quarter of a century, and warned that "It is possible in our anxiety to safe-guard legitimate secrets of military import, we have somehow thoroughly confused secrecy with security until the thing we seek to nurture is in some danger of being smothered".

Benediction was pronounced by the Reverend Daniel B. Suter, Eastern Mennonite College.

Institutions represented upon this occasion and those representing them were: Dr. A. H. Stockard, Director, Michigan Biological Station at Douglas Lake, Michigan; Dr. George Sprugel, Program Director, National Science Foundation; Dr. Charles Shoup, Atomic Energy Commission at Oak Ridge, Tennessee; Dr. Richard Kimball, Biology Division of the Oak Ridge National Laboratory; Dr. Ladley Husted, Biology Department, University of Virginia; Dr. I. D. Wilson, Department of Biology, Virginia Polytechnic Institute; Dr. George Jeffers, Department of Biology, Longwood College; Dr. Alexander B. Stump, Department of Biology, Presbyterian College, Clinton, South Carolina; Dr. H. L. McHugh, Director Virginia Fisheries Laboratories; and William M. McGill, State Geologist, the Virginia Geological Survey.

Following the formal exercises, a reception was given by the Station on the porch of the dining hall, when the sassafras tea was especially appreciated. The reception committee consisted of Mrs. Bates and her assistants: Miss Zipf, Mrs. Peightel, Mrs. Jack Davis, Mr. Suter, and Miss Hoback. During the entire day every adult member of the Station aided in making the visitors welcome.

The celebration was brought to a close with a banquet held at the Mountain Lake Hotel, and sincere appreciation was acknowledged to Mr. Jean Lucas, the efficient Hotel Manager, who cooperated in every way toward making the day a success. At the banquet Dr. Reynolds gave each one there a chance to speak briefly and called on Mr. Lucas for a word of welcome in behalf of the Hotel and the Moody family. Regret has been expressed that none of the family was able to be with us.

Mr. and Mrs. Wiltshire showed a few colored slides of Mountain Lake scenes; and with a square dance held in the Ball Room of the Hotel, the Silver Anniversary of the founding of the Mountain Lake Biological Station came to a close.

Katharine Grason Reynolds

THE PLANNING COUNCIL

As usual the council met one a week in the Rose Room to discuss problems pertaining to the general welfare of the Station. The council is composed of members of the staff, senior investigators, an elected representative from the junior investigators, the women students and the men students. Bob Amy and Jack Davis represented the junior investigators, Dolores Hoback the women students both terms, and Ed Crawford represented the men students for both terms.

WEATHER REPORT 1954

The temperature ranged from 91 degrees to 39 degrees with an average maximum of 78 degrees and an average minimum of 55 degrees. The most noteworthy feature was the record breaking 91 degrees of July 14th. Rainfall, totaling somewhat less than average, occurred at refreshing intervals.

Bob Amy

GRANT FROM NATIONAL SCIENCE FOUNDATION

\$12,000 covering a two year period was given to the Station by the National Science Foundation for the encouragement and promotion of research. Those receiving individual grants were Robert L. Amy from Susquehanna University; John R. Burch, graduate student at the University of Michigan; John E. Davis, Jr., Washington and Lee University; Harry L. Holloway, Roanoke College; Geneva Lance, graduate student at the University of Tennessee; Roberta Lovelace, University of South Carolina; Edwin W. Pullen, University of Virginia Medical School; Eunice Thompson, graduate student at Florida State University; Elizabeth Zipf, graduate student at the University of Virginia.

IMPROVEMENTS AROUND STATION

It will be noted with approval by those who have had the experience of using the Station telephone that the line has been repaired and a new telephone has been installed. It's rumored that the new line replaced baling wire, so henceforth outside communication shouldn't depend entirely on a loud voice and good ears.

A hard surfaced road has been extended to the lower end of the lake. The State has taken over maintenance of road #668 leading into the Station grounds.

A wooden box has been placed over the main boil of the spring. The pipe comes out of the box so that the water is not exposed to air until drawn from the tap. Associated with this is the improvement of the quality and taste of the water, and reports from the health department since have been satisfactory.

SPORTS

Because the weather was good, sports were participated in with unusual vim and vigor.

Volleyball continued to be among the most popular sports. Games were long and hard and often continued into the dark of night. The occupants of one of the dining room tables, calling themselves the Chimney Sweepers, challenged any other group to a game. They were opposed on the field of battle by a fierce, if bewildered, group composed of all the children at the Station. The Sweepers immediately conceded defeat.

The tennis court was put into condition, backhands improved, and many games were played. Bill Peightel, Bob Amy, Bob Flory and Jack Burch played a doubles match at the hotel during the celebration. The winners were Bob Amy and Bill Peightel, playing a close match 7-5, 7-5.

Croquet, as always, was enjoyed by most of the Station. Games were often played on into the night with the aid of flashlights.

Badminton, pingpong, horseshoes and swimming were also on the list of activities for most of the Station.

DIETITIANS

Mrs. Myrtle Bates was at the Station for the first six weeks, serving her usual good meals. Mrs. Ana C. Graves of Charlottesville who was to be dietitian the last part of the summer had to leave the Station due to ill health. Mrs. Bates came back to finish feeding the hungry Mountain Lakers.

LIBRARY

Marjorie Carver of Alderman Library was at the Station for the first two weeks. Helen Peightel, the Station librarian, continued to catalogue, file and index the many

pamphlets and books that come to the Station. The library received about 1200 additions to its pamphlet collection this summer.

Topics and Lecturers

First Term:

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|---------------------|---|
| Dr. L. R. Cleveland | Review of work on protozoa from wood-eating insects. |
| John R. Reeves | Report on an undescribed Indian village in Halifax County. |
| Eunice Thompson | Gametogenesis and Cytology of <u>Dictyuchus pseudodictyon</u> Coker. |
| J. E. Davis, Jr. | Notes on Nutrition in <u>Arcella discoides</u> . |
| Dr. D. H. Wenrich | Seeing Europe through a Camera. |
| Dr. F. R. Hunter | A Comparative Study of Enzymes in Erythrocytes. |
| Dr. Horton H. Hobbs | Observations on dimorphism in the male crayfish of the subfamily <u>Cambarinae</u> as correlated with the sexual cycle. |
| Dr. D. H. Wenrich | The Species Problem as Illustrated by Certain Protozoa. |

Second Term:

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|--|---|
| Dr. G. E. Stapleton | Some Effects of Ionizing Radiation on Bacterial Physiology. |
| Dr. Grover C. Pitts and
Mrs. Grace T. Wiltshire | Alaska in Kodachromes. |
| Dr. James P. Elkins | Seeing Hawaii through a Movie Camera. |
| Dr. E. W. Pullen | A Preliminary Report of Studies on Circulation in the Amphibian Kidney. |
| Dr. Roberta Lovelace | The Shattering of Tradescantia Chromosomes by Ultraviolet Radiation (2650 Å). |
| Dr. Herndon Dowling | Notes on Arkansas Herpetology. |
| Dr. David Bierhorst | Morphology of the Psilotales. |

Dr. Richard Kimball

Hydrogen Peroxide and Mutation.

Dr. Mary E. Gaulden

A Biologist's Visit in Turkey and Europe.

Victor H. Hutchison

Pictures of Japan and Korea.

COMINGS AND GOINGS-ON AT THE STATION

Looking back on the summer at Mt. Lake there are certain activities that come to the fore when a flash-back is conjured up.

- The social committee's well planned Saturday night Bingo party and scavenger hunt.
- The sings at Moonlight Dell and at Stonehenge, and the marshmallow roasts that followed.
- The dance at the hotel after the 25th. Anniversary banquet.
- The steak party at Stonehenge.
- The Kodachrome slides and the movies shown by various Station members.
- Bill Peightel getting his Master's degree.
- The Fourth of July picnic at the Cascades.
- The tales told about the trip to Halifax county, Va., in search of Indian relics.
- The quartets and quintets at the Sunday night sings.
- Skip Pelan's red Bermuda shorts.
- Dr. Lewis' poll to determine the Station's sentiments on McCarthy.
- Mr. Couch's list of the birds he knows.
- The corn roasting just before the end of summer.
- Swimming at the lake in the early hours.
- Dr. Reynolds' request for less noise after being awakened three times by melodious singing, etc.
- Steaks at the golf course at midnight.
- Mr. Wiltshire's losing battle with the washing machine.
- The numberless grains of popcorn popped and the grains of coffee perked.

- The trip to the Indian burial grounds at Pembroke.
- The surprise birthday parties.
- Bob Flory's early morning dips in the pool.
- The night trips to caves and to Bald Knob.
- Some Radiation Biology class members going swimming in the lake after class-clothes and all.
- The Garden Lovers on tour of the Station starting into Audubon to inspect the birds within.
- Dr. Hunter asking if the excellent bird slides made by the Wiltshires were taken of stuffed birds. And the answer, "The young ones were."
- One of the highlights of the social season was the wedding of Dolores Hoback and Albert Kanner which was performed at the Station. A romance which began in the summer of 1953 at Mt. Lake culminated in a beautiful summer wedding on Sunday, August 22, 1954. The vows were spoken in the auditorium which was beautifully decorated, and a reception was held at the Mt. Lake Hotel. Dolores' and Al's Mt. Lake friends take this opportunity to wish them happiness and success in their new life.
- Dan Suter, of Eastern Mennonite Seminary, conducted church and Sunday School services each week. These services were well received and very much appreciated by the members of the Station.

ALUMNI NOTES

- Births:** Mr. and Mrs. Frank Flint of Randolph-Macon Woman's College, a boy, born in June, 1954.
- Dr. and Mrs. Carl E. Stark (Kathie Reynolds), a girl, born June 12, 1954.
- Marriages:** Johnny Burns and Sarah Frances Nance were married August 14, 1954.
- Dolores Hoback and Albert Kanner were married August 22, 1954.
- In Memorium:** The Station was saddened by the death of Jimmy Miller, son of Mr. and Mrs. Robert Miller, in June, 1954.
- Mr. C. E. Northen died in June, 1954.
- Mr. William L. Moody, Jr. died in July, 1954.

Dr. David H. Wenrich is the president of the Society of Protozoologists.

Mrs. Grace Wiltshire is the vice-president of the Virginia Federation of Women's Clubs.

Dr. Hiden Cox is the deputy executive director of A I B S.

Dr. H. R. Totten is the president of the A S B.

Dr. Mary Esther Gaulden is secretary of A S B.

VISITORS

Dr. and Mrs. George Strauss	Lehigh University
Dr. and Mrs. Herman O'Dell	Johnson City, Tenn.
Dr. and Mrs. James Elkins	Indianapolis, Ind.
Mr. and Mrs. F. H. Wissler	Mt. Jackson, Va.
Rear Admiral E. J. Foy	Washington, D. C.
Mr. and Mrs. Thomas Henry	Washington, D. C.
Dr. and Mrs. J. J. Murray	Lexington, Va.
Dr. A. H. Stockard	Ann Arbor, Mich.
Dr. and Mrs. G. W. Jeffers	Farmville, Va.
Dr. C. E. Sunderlin	Washington, D. C.
Dr. George Sprugel	Washington, D. C.
Miss Charlotte Buckland	Jacksonville, Va.
Dr. J. L. McHugh	Gloucester Point, Va.
Dr. and Mrs. C. S. Shoup	Oak Ridge, Tenn.
Rev. and Mrs. E. Adger Smyth, Jr.	Blacksburg, Va.
Dr. and Mrs. Boyd Harshbarger	Blacksburg, Va.
Dr. and Mrs. A. B. Massey	Blacksburg, Va.
Miss Louise Savage	Charlottesville, Va.
Miss Ann Marvin	Charlottesville, Va.
Dr. and Mrs. J. Rappaport	Charlottesville, Va.
Mr. and Mrs. W. M. McGill	Charlottesville, Va.
Mr. and Mrs. Jesse C. Thompson, Jr.	Charlottesville, Va.
Dr. B. F. D. Runk	Charlottesville, Va.
Dr. and Mrs. Ladley Husted	Charlottesville, Va.
Dr. Catherine Russell	Charlottesville, Va.
Mr. and Mrs. F. F. Flint	Lynchburg, Va.
Dr. and Mrs. Sidney Britton	Charlottesville, Va.
Dr. and Mrs. I. D. Wilson	Blacksburg, Va.
Mr. and Mrs. Herman Brant	Cumberland, Md.
Dr. and Mrs. A. B. Stump	Clinton, S. C.
Dr. and Mrs. P. M. Patterson	Hollins, Va.
Dr. and Mrs. C. W. Shepherd	Oak Ridge, Tenn.
Judge Stephen Chandler	Oklahoma City, Okla.
Col. and Mrs. J. B. Newman	Lexington, Va.
Mr. and Mrs. Austin B. Killiam	Charlottesville, Va.

Prof. A. S. Beecher	Blacksburg, Va.
Dr. Jane Philpott	Durham, N. C.
Dr. and Mrs. C. H. Philpott	St. Louis, Mo.
Mr. and Mrs. Raymond Pennington	Spartanburg, S. C.

PERSONNEL

Mr. and Mrs. R. L. Amy, 203 W. Chestnut Street, Selinsgrove, Penn.
 Mrs. Myrtle A. Bates, V. E. S., Lynchburg, Virginia
 Dr. and Mrs. D. W. Bierhorst, Biology Dept., University of Virginia, Charlottesville, Va.
 Mr. John B. Burch, Museum of Zoology, Univ. of Mich., Ann Arbor, Michigan
 Mrs. Armetha Bynaker, Route #1, Denhigh, Va.
 Miss Mary L. Callahan, 38 Humphrey Street, Lowell, Mass.
 Miss Marjorie Carver, 100 W. High Street, Charlottesville, Va.
 Mr. Stephen S. Chandler, III, 649 Bennet Drive, Stillwater, Okla.
 Mr. Edward A. Crawford, 618 Pickens Street, Columbia, S. C.
 Mr. and Mrs. John E. Davis, Jr., 9-D Davidson Park, Lexington, Va.
 Dr. and Mrs. H. G. Dowling, Dept. of Zoology, Univ. of Arkansas, Fayetteville, Ark.
 Mr. Robert Flory, Route 4, Waynesboro, Penn.
 Dr. Mary E. Gaulden, O. R. N. L., Oak Ridge, Tenn.
 Miss Regina Giordano, 402 Jackson Avenue, Endicott, N. Y.
 Miss Marinelle Griffith, Route 10, Box 479, North Charleston, S. C.
 Miss Nancy P. Grosch, 704 N. Main Street, Blacksburg, Va.
 Miss Doris Hawse, Flora McDonald College, Red Springs, N. C.
 Miss Fannie Harmon, Wachapreague, Virginia
 Miss Ruby Henderson, Route 1, Box 207-A, South Boston, Va.
 Dr. and Mrs. Horton H. Hobbs, 517 Rugby Road, Charlottesville, Va.
 Mr. and Mrs. Harry Holloway, Dept. of Biology, Roanoke College, Salem, Va.
 Dr. F. R. Hunter, Florida State College, Tallahassee, Fla.
 Mrs. F. R. Hunter, 1315 Crest Drive, Encinitas, California.
 Mr. and Mrs. Victor H. Hutchinson, 2801 11th. Ave., Columbus, Ga.
 Mr. Charles Jarrett, 2602 Walton Way, Augusta, Ga.
 Mr. and Mrs. Ben I. Johns, 611 Beverly Drive, Alexandria, Va.
 Mrs. Dolores Hoback Kanner, 4510 Wentworth Road, Baltimore 7, Md.
 Dr. Richard F. Kimball, O. R. N. L., Oak Ridge, Tenn.
 Miss Geneva Lance, Route 2, Campobello, S. C.
 Mr. Jim Larimer, Route 4, Jonesboro, Tenn.
 Dr. I. F. Lewis, 1110 Rugby Road, Charlottesville, Va.
 Dr. Roberta Lovelace, 1104 Gregg Street, Columbia, S. C.
 Mr. Theodore Malinin, 104 Cambell Street, Beckley, W. Va.
 Mr. and Mrs. Robert Miller, 19 N. Queen St., Shippensburg, Penn.
 Mr. Harold R. Milliken, New Market, Va.
 Mr. and Mrs. William Peightel, 130 E. Allegheny St., Martinsburg, Pa.
 Mr. John J. Pelan, 706 Oneida Street, Huntington, Penn.
 Mr. W. J. Pitman, 503 Olive Street, Murray, Kentucky
 Dr. and Mrs. Grover Pitts, 412 Monroe Lane, Charlottesville, Va.
 Dr. and Mrs. E. W. Pullen R. F. D. 3, Farmington, Charlottesville, Va.

