News and Notes

Association of Southeastern Biologists

THE 14th annual meeting of the Association of Southeastern Biologists was held April 16–18, 1953, at the University of North Carolina, Chapel Hill, with 270 biologists in attendance from throughout the Southeastern states. L. C. Dunn of Columbia University presented the annual evening address of the association, and three prizes were awarded to southern scientific workers. The Carolina Biological Supply Company prize of $100 for the best paper presented at the annual meeting in competition for this prize was awarded to Daniel Billen, B. F. Strehler, and George Stapleton, for their paper on the post-irradiation release of adenosinetriphosphate (ATP) from irradiated bacteria (*E. coli*). The authors are members of the staff of the Biology Division, Oak Ridge National Laboratory. The annual award is made on the basis of papers judged by prominent biologists each year. Honorable Mention award for second place went to H. E. Wheeler of the Louisiana State University for his paper on the genetics and cytology of a mutant fungus, *Glomerella*.

The annual award of merit made each year to a Southeastern teacher on the basis of his contribution to the students of the South and to his university was made to Orlin D. White, Director of the Blandy Experimental Farm, University of Virginia. The annual award, which is made each year for a fellowship at the Mountain Lake Biological Station of the University of Virginia, went to Herman Silva of Knoxville, Tennessee, for his study of southeastern algae.

Also meeting in association with the southeastern biological group were two more specialized societies interested in southern regions. These were the Southern Appalachian Botanical Club, and the Southeastern Section, Botanical Society of America. A. J. Sharp of the University of Tennessee became the new Chairman of this botanical group, F. T. Wolf of Vanderbilt University was elected Secretary, and H. E. Wheeler of the Louisiana State University was elected Chairman of the Activities Committee.

Elections in the Association of Southeastern Biologists were as follows: Bruce D. Reynolds, Miller School of Biology, University of Virginia, advanced to President from the previous position of President-Elect. The new President-Elect is H. R. Totten, Department of Botany, University of North Carolina, Chapel Hill. Vice-President, Alvin Beatty, Department of Biology, Emory University; Treasurer, J. Paul Reynolds, Department of Zoology, Florida State University, Tallahassee; Mary Esther Gaulden of the Oak Ridge National Laboratory continues as Secretary. New additions to the Executive Committee are H. H. Hobbs of the University of Virginia, Gordon Walcott, United States Public Health Service, Columbia, South Carolina, and John Fincher, of Howard College, Birmingham, Alabama. It was announced that the Association will meet in 1954 at the Louisiana State University, Baton Rouge.

Scientists in the News

Everett M. Bens, formerly microanalyst for the Shell Oil Company's Wood River research laboratories, has joined Truesdail Laboratories, Los Angeles. He is in charge of Truesdail's new microanalytical laboratory.

John Twiss Blake, Director of Research at the Simplex Wire & Cable Co., Cambridge, Mass., has won the 1953 Charles Goodyear Medal, highest honor in rubber chemistry. The Goodyear Award, founded in commemoration of Charles Goodyear's discovery of the vulcanization of rubber in 1839, is conferred annually by the American Chemical Society's Division of Rubber Chemistry to stimulate interest in fundamental research in rubber and to honor those who have performed outstanding service to rubber science. Co-editor of the American Chemical Society monograph *Chemistry and Technology of Rubber,* Dr. Blake has published many scientific articles dealing with the reinforcement of rubber, the thermochemistry of rubber vulcanization, the effects of light and ozone on rubber deterioration, the heat of vulcanization of synthetic rubber, water absorption by rubber, and the effect of soil microorganisms on rubber insulation. He holds patents on the preserving of rubber, rubber coatings on electrical connections, and low plasticity rubber.

Eugene C. Bovee, Acting Chairman of the Department of Biology and Zoology at North Dakota Agricultural College, has resigned to accept a position as Assistant Professor of Biology at the University of Houston. He will teach upper division and graduate courses in physiology.

John G. Burr, staff member of the Oak Ridge National Laboratory Chemistry Division, will leave in July for a year's study at the University of London, England. He has been awarded a special fellowship granted by the U. S. Department of Public Health and under the sponsorship of the National Cancer Institute. During his leave of absence Dr. Burr will conduct research in theoretical organic chemistry. He also plans to write a book, for which the publisher's contract has already been negotiated, on the use of isotopes in organic reaction mechanisms.

William R. Burwell, Vice Chairman of the Clevite Corporation and President of the Brush Electronics Co., Cleveland, has been appointed to the Board of Directors of Stanford University's Stanford Research Institute. Dr. Burwell is a graduate of Brown Uni-

versity, where he once taught mathematics and where he is at present a member of the Board of Fellows and of the Executive Committee. He was a Rhodes Scholar at Oxford University and in 1921 received the first Oxford Ph.D. awarded to an American.

William W. Coblentz, retired National Bureau of Standards physicist, has received the second Annual Award of the Society for Applied Spectroscopy in recognition of his pioneering work in infrared spectroscopy. Dr. Coblentz's fundamental research in this field laid the foundation for present methods for the analysis of large, complex organic molecules. Almost a half century ago Dr. Coblentz made extensive investigations of previously unexplored regions of the infrared spectrum and correlated the characteristics of the spectra he obtained with chemical composition and purity. Today's infrared absorption techniques are based on the results of his original work and are used almost universally in such fields as petroleum, plastics, rubber, and textiles for purposes ranging from plant control to investigations of molecular structure. Dr. Coblentz is also well-known for his work in astrophysics.

O. Boyd Houchin has been appointed Assistant Professor of Neurology at the University of Arkansas School of Medicine, effective July 1. Dr. Houchin will study the biochemistry of the brain in connection with a project now in operation in the Department of Neurology under the sponsorship of the United Cerebral Palsy Association of America.

Francis L. Mead, who was responsible for many improvements in the current processes used for production of citric acid by Chas. Pfizer & Co., recently has retired from that firm after an association dating back to 1920. During his career with Pfizer Mr. Mead served as Manager of Citric Acid Recovery and more recently as New Product Manager. A specialist in citric acid production, he has assisted firms in Europe and Canada in the construction of citric acid facilities.

Rachael La Roe, head of mathematics and physics at Grand Canyon College, Arizona, has been named Associate Professor of Mathematics and Physics at Mary Hardin-Baylor College, Belton, Texas, effective next September.

LeRoy Scharon, Associate Professor of Geology, Washington University, St. Louis, has been appointed to the Executive Committee of the Mining, Geology, and Geophysics Division of the American Institute of Mining and Metallurgical Engineers. He was elected Chairman of the Mining Branch and a member, ex officio, of the Board of Directors for the year 1953.

Two new faculty members will join the Division of the Geological Sciences at the California Institute of Technology this fall. **Francis G. Stehli,** who has just received a Ph.D. from Columbia University, becomes Assistant Professor of Invertebrate Paleontology, and **Thane McCulloh** will be Assistant Professor of Geology. Dr. McCulloh received his doctorate in geology from the University of California last year.

Robert Straus, Research Associate in applied physiology at Yale University, has been appointed Assistant Professor in the Department of Public Health and Preventive Medicine at the College of Medicine, State University of New York, Syracuse. Dr. Straus has made extensive studies in the field of alcoholism.

Richard Wellington, Head of the Division of Pomology of the New York State Agricultural Experiment Station at Geneva, retired July 1st after 47 years of fruit breeding and horticultural research, 40 years of which were spent at the Experiment Station in Geneva. He is credited with more than 70 new varieties of fruits, many of which are now standard commercial varieties. He was the recipient of the gold medal of the Massachusetts Horticultural Society and the Society's Jackson Dawson medal for contributions to fruit breeding.

Sir Hubert Wilkins, Australian-born Arctic explorer, has been appointed a geographer in the Research and Development Division of the U. S. Army Quartermaster Corps.

Education

Fifteen scientific, industrial, and educational leaders have been named to a new advisory board created to assist the Institute of Mathematical Sciences of **New York University** to develop its facilities and to advise on problems of operation and administration. The Institute represents an expansion and integration of advanced research and instruction in the mathematical sciences. A major facility in the new Institute, created in January, will be a computing center for the Atomic Energy Commission, including the $880,000 Univac #4 now being installed. David D. Henry is administrative director and Richard Courant is scientific director of the Institute.

Retiring from the staff of the **Ohio State University** this summer are: Herman G. Heil, Associate Professor of Physics; Clyde H. Hebble, Professor of Operative Dentistry; Franklin W. Marquis, Professor of Mechanical Engineering; Frederick J. Salter, Associate Professor of Agronomy; Dick P. Snyder, Professor of Oral Surgery and Anesthesia; J. I. Falconer, Professor of Agricultural Economics and Rural Sociology; Harry M. Beatty, Assistant Professor of Mathematics; Arthur M. Brant, Associate Professor of Mineralogy; and Thomas L. Kibler, Professor of Economics. Alma L. Garvin, Professor of Home Economics, retired earlier this year.

The Institute of Industrial Health of the **University of Cincinnati** announces a course of instruction in Occupational Skin Problems, to be presented jointly by the Division of Occupational Health of the Public Health Service, the Department of Preventive Medi-

cine and Industrial Health, and the Department of Dermatology and Syphilology. The course, to be given Oct. 12–16, is designed to give physicians a greater understanding of cutaneous problems of occupational origin. Louis Schwartz, former Chief, Industrial Dermatoses Section, USPHS, will be guest speaker at the dinner meeting, and will describe his experience with problems of industrial dermatoses during the past 25 years. Further information is available from the Secretary, Institute of Industrial Health, Kettering Laboratory, Eden and Bethesda Aves., Cincinnati 19, Ohio.

Wayne University will conduct a $15,000 study of hydrocortisone for the Department of the Army. The one-year project will be directed by William Q. Wolfson of the College of Medicine, which also received a $5000 grant from the Detroit Memorial Hospital for general research in pathology.

Grants and Fellowships

The following **AAAS Research Grants** have been awarded: Colorado-Wyoming Academy of Science, to Clark H. Livingston, Collins, Colo., and to Robert J. Potter, Boulder, Colo.; Iowa Academy of Science, to Paul S. Helmick, Drake University, and to Harris Palmer, Parsons College.

The **Chicago Medical School** announced new and renewed research grants recently awarded to: Hans Elias, (a) a renewal of $4000 from the U. S. Public Health Service for study of "The Architecture of the Adrenal Cortex in Normal and Hypertensive Human Subjects," (b) a new grant of $11,600 for a period of two years from the National Cancer Institute for study of "Morphology of Carcinoma of the Liver"; Harold Koenig, $22,000 from the USPHS for "Morphologic and Quantitative Study of the Nucleoprotein in Living Cells Grown in Vitro and the Effect of Noxious Agents"; Aldo A. Luisada, (a) $9700 for study of cardiac murmur, (b) $500 to complete payment on apparatus; Philippe Shubik, a Cancer Teaching Grant in the amount of $25,000, renewed by the National Cancer Institute.

Two new undergraduate scholarships of $800 annually have been established at **Lehigh University**, one by the Bethlehem Globe-Times Foundation, and one by the Atlas Equipment Corporation and Paul B. Reinhold, a 1913 Lehigh graduate. Both funds will be administered through the university committee on scholarships and loans.

The **National Foundation for Infantile Paralysis** has a limited number of fellowships available to psychiatrists interested in the emotional problems of the physically disabled. Appointments will be made for one year, subject to renewal. For further information, write: Division of Professional Education, National Foundation for Infantile Paralysis, 120 Broadway, New York City.

The **National Research Council of Canada** has announced the awarding of three Merck postdoctoral fellowships in the natural sciences to: W. G. B. Casselman, G. D. Fasman, and B. A. Gingras.

The **Theobald Smith Award** of $1000 and a bronze medal, sponsored by Eli Lilly and Company of Indianapolis under the auspices of the AAAS, will be given for the ninth time at the Boston meeting in December. The prize is given for "demonstrated research in the field of the medical sciences, taking into consideration independence of thought and originality." Nominations should be sent to Allan D. Bass, Department of Pharmacology, Vanderbilt University School of Medicine, Nashville, Tennessee, before *Sept. 15*. They should be in triplicate and accompanied by full information concerning the nominee's personality, training, and research work. U. S. citizens less than 35 years of age on Jan. 1, 1953, are eligible. Nominations may be made by AAAS Fellows, and the President of the Association and four Fellows will form the committe of award. The last winner was Frank J. Dixon, Jr., of the University of Pittsburgh School of Medicine, for a paper entitled "The Dynamics of Immune Response."

The **Ernest T. Trigg Foundation** has announced the approval of four scholarships for the Paint Chemistry Course conducted at the North Dakota Agricultural College. The four scholarships, to start with the 1953 fall term, make a total of seven grants by the Foundation in the special paint course at N.D.A.C. Detailed information may be obtained from, and applications for the scholarships may be sent to: Dr. Wouter Bosch, Chairman, North Dakota Agricultural College, Fargo, N. D.

The Research Advisory Board of **United Cerebral Palsy** invites nominations for the third annual United Cerebral Palsy—Max Weinstein award for the outstanding recent scientific achievement in the field of cerebral palsy. The award consists of a plaque and $1000. Nominations, accompanied by a short supporting statement, should be in the hands of the Board by *Sept. 15*. Address nominations to Glidden L. Brooks, Medical Director, United Cerebral Palsy, 50 West 57th St., New York 19, N. Y.

In the Laboratories

The **Cold Spring Harbor Laboratories**—the Department of Genetics of the Carnegie Institution of Washington, and the Biological Laboratory of the Long Island Biological Association—held an opening ceremony May 29 for their new joint lecture hall and the new laboratory buildings of the Department of Genetics. The principal speaker was Vannevar Bush, who spoke of the intricacy and challenge of the biological sciences today and the importance of freedom for fundamental research. Exhibits demonstrating some of the current research problems at the laboratories were presented after the ceremony.

Sherman Ross, Associate Professor of Psychology, University of Maryland, and Freddy Homburger, Research Professor of Medicine, Tufts College Medical School, have been appointed Scientific Associates by the **R. B. Jackson Memorial Laboratory.** The six men who have thus far been given this title by the Laboratory will continue research in their diversified fields at Bar Harbor this summer.

Olin Industries, East Alton, Ill., has announced the appointment of the following scientists who will be in the Explosives Division, Research and Development Department: Joseph Allovio, Graduate Chemist; John LaBash, Jr., Assistant Chemical Engineer; Paul S. McKittrick, Assistant Chemist; Melvin B. Morgan, Technical Librarian; Willard Schoeck, Graduate Chemist; and Robert H. Schwaig, Graduate Chemical Engineer.

A new laboratory pilot plant for the recovery of beryl, a rare and critical mineral with many military and industrial uses found in South Dakota's Black Hills, began its first test run June 1 in the **Pegmatite Research Laboratory** of the U. S. Bureau of Mines, Department of the Interior, at Rapid City, S. D. The procedure for the flotation of beryl which is being tested in the laboratory-scale pilot plant was developed by S. M. Runke, Bureau of Mines metallurgist and acting supervisor of the Rapid City Field Office. Although current research is primarily concerned with recovering a satisfactory beryl concentrate, it will also permit research on the separation of mica, feldspar, tantalite, columbite, and numerous other minor but very valuable minerals found in pegmatite.

Beryl is used directly in the manufacture of porcelains for spark plugs. Beryllium oxide goes into making special purpose refractories and into copper-beryllium alloys which in turn make excellent springs, electrical contact points, nonmagnetic ball bearings and nonsparking tools. Beryllium, the metal, is used in X-ray windows and in the atomic energy field as a moderator of fast neutrons.

South Dakota's Black Hills are the Nation's chief domestic source of beryl. Reserves of low-grade beryl total nearly 12,000 tons, according to the U. S. Geological Survey.

In recent years, South Dakota has produced about 100 tons of beryl annually—approximatey 50 per cent of domestic production.

Current production of beryl results entirely from hand-sorting coarsely crystalline sections of only the richest beryl-bearing pegmatite. Maximum recovery of beryl through hand sorting, according to experienced engineers, is no more than 30 per cent with an average recovery of about 20 per cent. Thus 70 to 80 per cent of the beryl encountered in mining is too fine for recovery through hand sorting or is lost for other reasons.

With domestic production small, the United States relies on imports for about 90 per cent of all beryl consumed. In 1950, imports totaled 4683 short tons valued at $1,181,831. They came from Brazil, the Union of South Africa, Southwest Africa, Southern Rhodesia and Mozambique.

Meetings and Elections

A **Colloquium on Zoological Nomenclature,** scheduled to convene July 29, will immediately precede the 14th International Congress of Zoology, to be held at Copenhagen, Denmark, Aug. 5–12. Officially representing the Society of Systematic Zoology at the Colloquium and Congress will be Curtis W. Sabrosky, Entomologist, Bureau of Entomology and Plant Quarantine, U. S. Department of Agriculture; Robert L. Usinger, Associate Professor of Entomology, University of California, Berkeley; G. Winston Sinclair, Dept. of Geology and Paleontology, Ohio Wesleyan University, Delaware, Ohio; and W. I. Follett (chairman of the Society's Nomenclature Committee), Curator of Fishes, California Academy of Sciences, San Francisco. Two of these representatives have received grants in aid of travel from the National Science Foundation. Anyone desiring the consideration of particular nomenclatural matters at the Colloquium or Congress is urged to communicate immediately with one of the foregoing delegates or with a member of the International Commission on Zoological Nomenclature.

Cornell Aeronautical Laboratory was host on May 20 to a meeting of the Cornell Committee for Transportation Safety Research. The Committee is composed of representatives from Cornell University, the Cornell-Guggenheim Aviation Safety Center and the Medical College in New York, and the Cornell Aeronautical Laboratory in Buffalo. The Committee instigates, promotes, and coordinates research programs in automobile and aviation safety.

A series of short courses in radiological health are again being presented by the Public Health Service at the **Environmental Health Center** in Cincinnati, Ohio. These courses, tuition free, are designed primarily to provide professional personnel working in health departments and other organizations with a working knowledge of the health hazards associated with radiation. Candidates should have a degree in medicine, engineering or science (physical or biological). Instruction is given in radiation physics sufficient for an understanding of the problems arising from proper and improper use of ionizing radiation. Laboratory and lecture periods are presented covering the hazards, and methods of alleviating these hazards, as encountered in employment of x-rays, radioisotopes, neutron fluxes and particle accelerators. Courses are each two weeks in length. Basic Courses, which stress basic radiation physics and survey techniques, will be presented October 5–16, 1953, January 11–22, 1954, and May 3–14, 1954.

The Basic Course or its equivalent is a prerequisite for the Intermediate Course. Laboratory assay of radioelements and x-ray survey techniques are em-

phasized in the Intermediate Course which will be presented October 19–30, 1953, January 25–February 5, 1954, and May 17–28, 1954. Completion of the Intermediate Course or its equivalent is a prerequisite for admission to the Advanced Course. This course, for professional personnel concerned in particular with occupational health problems, will be presented February 8–19, 1954. Further details and information may be obtained by writing: Chief, Radiological Health Training Section, Public Health Servce, Environmental Health Center, Cincinnati, Ohio.

The **Philadelphia Physiological Society** announces a Symposium on Neuro-Humoral Mechanisms to be held Sept. 11 and 12, 1953 (following the International Congress of Physiology) in Medical Alumni Hall, University of Pennsylvania Hospital, 36th and Spruce Streets, Philadelphia, through the courtesy of a gift from Smith, Kline & French Laboratories. Principal speakers will be Otto Loewi, U. S. von Euler, H. Blaschko, C. Hebb, G. L. Brown, W. Paton, W. Feldberg, Sir Henry Dale, J. H. Burn, G. Liljestrand, R. W. Gerard.

Four **RCA Predoctoral Fellowships in Electronics** have been awarded by the National Research Council for special graduate training and experience in the general field of electronics, either as a branch of electrical engineering or as a part of the general field of physics. Award winners and the institutions at which they will study are: George S. Bahrs, Stanford; Charles W. Hoover, Jr., Yale; Gladwyn V. Lago, Purdue; and John B. Thomas, Stanford.

A branch charter of the **Scientific Research Society of America** has been granted to the Aluminum Company of America's Research Laboratories. T. Keith Glennan, President of Case Institute of Technology, addressed a gathering of Alcoa officials on the topic of the development of atomic power for industry. The meeting was held in honor of the granting of the charter on June 2 in Pittsburgh's University Club. Honored guests included Karl T. Compton and Edward R. Weidlein.

Miscellaneous

Eight new members have been appointed to the **Agricultural Research Policy Committee** by Secretary of Agriculture Ezra Taft Benson. The Committee was formed to establish a national advisory group to be consulted on research and service work, and to assist in obtaining the cooperation of producers, farm organizations, industry groups, and Federal and State agencies.

New committee members are Roy Battles, assistant to the Master of the National Grange, Washington, D. C.; Frank Haumont, farmer and chairman of the Nebraska Farmers Union legislative committee, Broken Bow, Neb.; C. W. Kitchen, executive vice president of the United Fresh Fruit and Vegetable Association, Washington, D. C.; Charles R. Sayre, president and general manager of Delta and Pine Land Company, Scott, Miss.; Robert B. Taylor, wheat farmer, Adams, Ore; H. W. Vorhees, president, New Jersey Farm Bureau, Trenton, N. J.; Frank J. Welch, Dean of the College of Agriculture and Director of the Experiment Station and Extension Service, University of Kentucky, Lexington, Ky.; and Paul S. Willis, president, Grocery Manufacturers of America, Inc., New York, N. Y.

Incumbent members of the committee include H. L. Brinkley, executive vice president of the National Council of Farmer Cooperatives, Washington, D. C.; Anson A. Brock, director of California's State Department of Agriculture, Sacramento, Calif.; and Dr. Charles G. King, scientific director of the Nutrition Foundation and professor of chemistry at Columbia University, New York, N. Y.

The **Air Research and Development Command** has formed an Industry Advisory Committee on equipment cooling systems to assist the U. S. Air Force in overcoming the problem of extremely high temperatures encountered by supersonic aircraft and missiles. The committee will provide guidance to equipment specialists at Wright Air Development Center, Dayton, Ohio, on problems of requirements, developments, and installation of aircraft equipment cooling systems. The members are airframe manufacturer's employees and are specialists in the equipment cooling field. They recently spent six weeks at the Dayton Center reviewing problems and requirements of equipment from a cooling standpoint, and are preparing a report of their recommendations. Members of the committee are: Robert O'Clock, chairman, Equipment Laboratory, Wright Air Development Center; Ashley P. Adkins, Wright; Harry Dornbrand, Republic Aviation Corp.; Edward D. Mead, Jr., Glenn L. Martin Co.; Lloyd H. Gardner, Boeing Airplane Co.; Robert A. Paselk, North American Aviation; John L. Allen, Douglas Aircraft Co.; John W. Anderson, McDonnell Aircraft Corp.; John R. Emerson, Northrop Aircraft Inc.; Jack R. Woolf, Consolidated Vultee Aircraft Corp., Fort Worth Division; and Daniel Friedman, Naval Research Laboratory, who is providing liaison with the Navy on committee findings.

Thirty-one research projects will be put into the field this summer by the **Arctic Institute of North America.** The 1953 program, which will be carried out with support from the Office of Naval Research, will place investigators throughout the North American Arctic and Subarctic, from Little Diomede Island and Point Barrow in the west to Baffin Island and Greenland in the east. Studies will be conducted in linguistics, economics, geology, oceanography, entomology and others.

A complete list of the 1953 projects follows: Chester A. Arnold, Department of Botany, University of Michigan, paleobotanical investigations in northern Alaska; Patrick D. Baird, The Arctic Institute of North America, Montreal, Quebec, glaciological investigations of the Penny Highland Ice Cap, Baffin Island; Paul H. Baldwin, Department of Zoology, Colorado A. and M., the breeding, ecology, and physiological rhythms of some arctic birds at Umiat, Alaska; John Otis Brew, Director, Peabody Museum, Harvard University, an archaeological survey of Eskimo, or earlier, material in the vicinity of Point Barrow, Alaska; Lyman J. Chapman, Ontario Research Foundation, evapotranspiration studies in northern Canada; Frederick G. Cooch, Department of Conservation, Cornell University, continuation of a study of the Blue Goose, its life history, management and ecology; Frederica de Laguna, Chairman, Department of Sociology and Anthropology, Bryn Mawr College, continuation of combined ethnographical and archaeological investigations at Yakutat, Alaska; Philip Drucker, Bureau of American Ethnology,

Smithsonian Institution, modern inter-tribal organization in northern British Columbia and southern Alaska; Francis H. Fay, Department of Zoology, University of British Columbia, continuation of a study of the life history of the Pacific walrus; Karen J. Friedman, U. S. Department of Agriculture, current transition in Greenland's economy; Olaf Gjaerevoll, Curator of Botany, The Museum, Trondheim, Norway, a floristic and phytosociological investigation of the White Mountains, Alaska; Louis L. Hammerich, University of Copenhagen, a study of the Eskimos of southwestern Alaska, especially with respect to dialectic frontiers between the Eskimos and the Aleuts; Francis Harper, Mount Holly, New Jersey, a comprehensive investigation of the animal and plant resources of the Knob Lake Region, Labrador, Quebec; Ernest Lepage, Ecole d'Agriculture, Rimouski, Quebec, completion of an inventory of the flora of the west coast of James Bay, Ontario; John B. Lucke, Department of Geology, University of Connecticut, geologic investigation of the Shelikof Strait Area, Alaska; W. D. Mateer, Colorado School of Mines, ecology of the Arctic Foraminifera in the vicinity of Point Barrow, Alaska; William V. Mayer, Department of Zoology, University of Southern California, the life history of the Arctic ground squirrel (Citellus Parrui); John L. Mohr, Department of Zoology, University of Southern California, investigations of some aspects of the ecology of Arctic Crustaceans; David R. Moir, Department of Botany, North Dakota Agricultural College, continuation of a floristic survey of northwestern Ontario; David C. Nutt, Dartmouth College Museum, winter oceanographic studies of southern Labrador; Frank A. Pitelka, Museum of Vertebrate Zoology, University of California, population biology of Arctic land vertebrates; William Quaide, Museum of Paleontology, University of California, an inquiry into the paleontological and geological history of the Naval Petroleum Reserve #4 and adjoining areas; Edward S. Rogers, Department of Anthropology University of New Mexico, linguistic and ethnographic study of the Mistassini Indians of northern Quebec; Reese J. Sailer, U. S. National Museum, correlation of accumulated precipitation data with mosquito abundance in Alaska; Per Frederick Scholander, Woods Hole Oceanographic Institution, an investigation of osmotic pressures in the blood of Arctic and Subarctic marine fishes; Philip T. Spaulding, Department of Anthropology, University of Oregon, anthropological and linguistic investigations in the Aleutian Islands; Robert F. Spencer, Department of Anthropology, University of Minnesota, the human ecology of the Alaskan Arctic slope; William C. Steere, Stanford University, an investigation of the geographical distribution of mosses and liverworts (Bryophyta) in Arctic Alaska; George M. Sutton, Department of Zoology, University of Oklahoma, a comprehensive study of the birds of the Holarctic region; V. C. Wynne-Edwards, Department of Natural History, Aberdeen University, Aberdeen, Scotland, a study of the distribution and breeding biology of the sea-birds of southern Baffin Island.

Members of the Arctic Institute's Grants-in-Aid Committee, who serve in a personal capacity and not as representatives of the agencies with which they are affiliated, are: Alexander Wetmore, Chairman, The Smithsonian Institution, Washington, D. C.; Detlev W. Bronk, President, The Johns Hopkins University, Baltimore, Md.; C. H. D. Clark, Supervisor of Wildlife Management, Ontario Department of Lands and Forests, Toronto; M. J. Dunbar, Department of Zoology, McGill University, Montreal, Quebec; Paul A. Siple, Military Geographer, Office of Chief of Staff, U. S. Army, Washington, D. C.; O. M. Solandt, Chairman, Defense Research Board, Ottawa, Ontario; J. Tuzo Wilson, Professor of Geophysics, University of Toronto, Toronto, Ontario; J. K. Wright, American Geographical Society, New York, N. Y.

A continuation of the **Coral Atoll Research Program** sponsored by the Pacific Science Board of the National Academy of Sciences-National Research Council, with financial assistance from the Office of Naval Research, is now under way. Ifaluk, an atoll about 400 miles south of Guam in the Western Carolines, will be the site of field work which will parallel the pattern of ecological investigations that have been made of the atolls of Arno in the Marshalls, Onotoa in the Gilberts, and Raroia in the Tuamotus. Results will be correllated with other atoll research, particularly work at Bikini, Eniwetok, and the current studies of the cooperative Pacific Geological Mapping Program. This program is also associated with an atoll project of the six-government South Pacific Commission concerned with problems affecting the economy of atoll peoples in Pacific areas administered by Australia, France, New Zealand, Netherlands, United Kingdom, and the United States. In 1948, E. G. Burrows and M. E. Spiro spent several months there under a Pacific Science Board Project supported by the Office of Naval Research as part of a Coordinated Investigation of Micronesian Anthropology.

Dr. Burrows, Professor of Anthropology at the University of Connecticut, will return to Ifaluk as leader of this summer's team. Other members include Marston Bates, University of Michigan, land fauna and flora; Donald P. Abbott, Stanford University, marine biology; J. I. Tracey, Jr., U. S. Geological Survey, geology; Theodore Arnow, U. S. Geological Survey, hydrology; F. M. Bayer, U. S. National Museum, marine invertebrates and algae; and Robert R. Harry, Academy of Natural Sciences, Philadelphia, ichthyology.

Four members of the staff of the **National Research Council of Canada** have been honored by the Royal Society of Canada. E. W. R. Steacie, President of the NRC, has been chosen vice-president of the Royal Society; J. T. Henderson, NRC Division of Physics, has been made Honorary Treasurer; and Gordon A. Adams, NRC Division of Applied Biology, and Harold J. Bernstein, NRC Division of Pure Chemistry, have been made Fellows.

"The New Synthetic Fibers: A Symposium," which was presented at the Annual Meeting of the **AAAS** in St. Louis on Dec. 27, 1952, appears in the May, 1953, issue of the *Textile Research Journal* (Vol. XXXIII, No. 5). Papers by Frank J. Soday, Joseph B. Quig, J. R. Whinfield, H. F. Mark, and John H. Dillon make up the Symposium. The issue also includes a review of textile research and development during 1952, edited by Richard Steele, Corneil Messler, and J. H. Wakelin.

For the first time, **Westinghouse Electric Corporation** has offered summer employment to winners of the 1953 Science Talent Search. Ten teen-age scientists will work in such fields as physics, chemistry, metallurgy, and electronics, and some of them will work side by side with men and women who have major roles in the development and construction of the atomic power plant for the submarine U.S.S. *Nautilus*.