

similar expedition will be organized in the summer of 1932 to continue the same work. It will have an international character, as it is planned to invite foreign

psychologists to participate in it. All inquiries should be addressed to Professor A. R. Luria, Serebryani Pereulok 5, kv. 1, Moscow, U. S. S. R.

SCIENTIFIC NOTES AND NEWS

THE University of Pennsylvania conferred the honorary degree of doctor of science on Dr. Edgar Douglas Adrian, of Cambridge University, Foulerton professor of the Royal Society, on October 13.

DR. LAURENCE GOULD, geographer and geologist, who was second in command of the Byrd Antarctic expedition, will receive the gold medal of the Geographic Society of Chicago. Dr. Fay-Cooper Cole, of the University of Chicago, will present the medal at the annual post-vacation luncheon of the society in Chicago on October 31.

DR. H. J. GERSTENBERGER, professor of pediatrics in the School of Medicine of Western Reserve University, has been elected to honorary membership in the German Pediatric Society. He is the second American to be elected. Dr. Gerstenberger recently addressed the society at a meeting in Dresden on "A Study of Rickets Disease in the Babies' and Children's Hospital in Cleveland."

THE North Persian Forces Memorial Medal for 1930 has been awarded to Dr. T. F. Anderson, of the Colonial Medical Service of England, for his paper on "A Report on an Investigation of Health Conditions on Farms in the Trans-Nzoia, with Special Reference to Malaria," published in the *Kenya and East African Medical Journal* for January, 1930.

DR. AGNES BLUM, of the Kaiser Wilhelm Institute for Biology, has been awarded the Leibnitz silver medal by the Prussian Academy of Sciences for her work on alcohol and heredity.

DR. BURT R. SHURLY, of Detroit, has been made president-elect of the American Academy of Ophthalmology and Otolaryngology. Dr. Samuel Hanford McKee, of Montreal, has been elected president, and Dr. Gordon B. New, of Rochester, Minnesota, vice-president.

DR. JAMES RAMSAY HUNT, of New York City, has been made president of the American Psychopathological Association. Dr. L. Eugene Emerson, of Boston, was made secretary.

At the Massachusetts Institute of Technology, Professor Charles F. Taylor has been made head of the department of aeronautical engineering; Dr. Louis J. Bircher, professor of physical chemistry at Vanderbilt University, is visiting professor of chemistry; Professor W. Spannhake, formerly professor at the Technische Hochschule in Karlsruhe, Germany, will

conduct courses in hydraulic engineering; Dr. Ralph D. Bennett, for the past year research associate in cosmic rays at the University of Chicago, has been appointed associate professor of electrical engineering, and Dr. Louis B. Slichter, of the California Institute of Technology, associate professor of mathematics. The department of physics has added to its staff as assistant professors Dr. Philip M. Morse, Mr. V. Guillemin and Dr. W. B. Nottingham. Dr. Morse attended the University of Munich last year as international research fellow, while Dr. Nottingham was previously engaged in research work at the Bartol Foundation.

THE following appointments have been made at Tufts College: Mr. James R. Harrison, assistant professor of physics; Mr. Walter Miller, assistant professor of mathematics; Professor Alanson T. Warren, formerly of William and Mary College, professor of biology. In the medical and dental schools, Dr. Sydney C. Dalrymple, pathologist at the Newton Hospital, will instruct in pathology, Dr. Edward K. Ellis has been promoted from assistant professor to full professor in the department of ophthalmology, Dr. Allen Greenwood, professor of ophthalmology, has become professor emeritus, and Dr. M. Garcia Banus has been promoted from assistant to associate professor of physiology.

DR. GILBERT H. AYERS, of the University of Wisconsin, has been appointed assistant professor of chemistry at Smith College. Dr. Neal H. McCoy, National Research Council fellow in mathematics at Princeton University, has been appointed assistant professor of mathematics.

DR. B. F. CLARK, of the Massachusetts Institute of Technology, has been added to the faculty of Birmingham-Southern College as assistant professor of chemistry.

DR. EDWARD A. STRECKER, professor of nervous and mental diseases at Jefferson Medical College, has been appointed professor of psychiatry at the school of medicine of the University of Pennsylvania.

DR. GEORGE R. HERRMANN, associate professor of medicine in the school of medicine of Tulane University, has been appointed professor of clinical medicine at the school of medicine of the University of Texas.

At the North Carolina College for Women, Greens-

boro, Dr. A. F. Thiel, associate plant pathologist of the U. S. Department of Agriculture at the University of Nebraska, has been appointed assistant professor of botany, and Mr. Charles Crittenden, assistant professor of geography.

DR. HERBERT RANDOLPH UNSWORTH, medical director of the De Paul Sanitarium and formerly director of the department of mental hygiene of the Louisiana state board of health, has been appointed assistant professor of neuropsychiatry at the new Louisiana State University Medical Center.

A FELLOWSHIP has been granted to Professor Jenaro Moreno Garcia-Conde, professor of mathematics at the School of Arts and Crafts, School of Military Engineers and at the Military Staff College, Santiago, Chile, by the John Simon Guggenheim Memorial Foundation, to study in the United States.

APPOINTMENTS at the Bartol Research Foundation include as new Bartol Research fellows Dr. T. J. Killian, formerly of the department of electrical engineering of the Massachusetts Institute of Technology, and Dr. J. C. Street, of the Rouss Physical Laboratory of the University of Virginia. Dr. K. T. Bainbridge, formerly National Research Council fellow at the Bartol Laboratory, has been appointed a Bartol Research fellow, and Dr. Thomas H. Johnson has been promoted to the position of assistant director.

DR. IVAN M. JOHNSTON, assistant at the Gray Herbarium, Harvard University, has been appointed research associate at the Arnold Arboretum.

DR. N. O. TRIBBLE, of Atlanta, Georgia, and Dr. Virgil McDaniel, of Seattle, Washington, have been appointed to fill vacancies in the drug control unit of the U. S. Federal Food and Drug Administration, caused by the recent resignations of Dr. J. J. Durrett and Dr. G. E. Clarke.

THE following members of the research staff of the Roessler and Hasslacher Chemical Company, Inc., have been transferred recently from the plant at Perth Amboy, New Jersey, to the plant at Niagara Falls, New York: Dr. Sterling Temple, Dr. B. S. Lacy, Dr. A. M. Muckenfuss, Dr. J. F. Reichert, Dr. C. J. Wernlund, Mr. A. T. Hawkinson, Mr. A. W. Rudel, Mr. J. M. Waincott and Mr. H. A. Bond.

MR. R. D. BEAN, formerly manager of the engineering development department of the Brown Instrument Company, Philadelphia, has been promoted to chief engineer.

PROFESSOR HENRI FEHR, head of the department of mathematics at the University of Geneva, has been appointed rector of the university.

PROFESSOR J. C. McLENNAN has retired as pro-

fessor and director of the physical laboratory at the University of Toronto and will take up his residence in England.

DR. W. REID BLAIR, director of the New York Zoological Park, has returned to New York after spending five weeks in Europe in the interest of the preservation of the European bison. He announced that his mission had been successful. Within the next year a preserve for the bison, now scattered in the zoos of Europe, will be established in the Vialowsiska Forest, Poland, which formerly was the hunting preserve of the Czars and which since the war had been converted into a national park.

DR. R. S. BASSLER, of the department of geology, of the U. S. National Museum, returned on September 18 from six weeks' work in the various European museums and geological field studies in the London and Vienna basins and the Hungarian Plain.

DR. J. EASTMAN SHEEHAN, professor of plastic surgery of the N. Y. Post-Graduate Medical School, returned on October 7 on the *Olympic* from Paris, where he was attending the International Clinic of Plastic Surgery.

MR. EDWARD H. GRAHAM, assistant curator of botany at the Carnegie Museum, Pittsburgh, Pennsylvania, and Mrs. Graham have just returned from an extensive four months botanical collecting trip centering in the Uintah Mountains of northeastern Utah. A few weeks were spent at Mount Rainier, Washington, with Mr. and Mrs. Ottmar von Fuehrer, artists and taxidermists from the museum, where material was collected for an alpine plant habitat group to be installed as the fourth of a series of large plant groups now being completed in the museum's hall of botany.

PROFESSOR WILLIAM M. DAVIS is giving, in association with Professor Douglas Johnson, two courses on geomorphology at Columbia University this autumn, one a lecture course, the other a seminar. During October and November he will also give a course of six or seven lectures at Yale University on the "Origin of the Basin Ranges and on the Coral Reef Problem." At the end of the year he will return to Pasadena for a six months' engagement at the California Institute of Technology.

DR. ARTHUR L. BLOOMFIELD, professor of medicine in the Stanford University School of Medicine, gave the opening lecture at the school of medicine of the University of Southern California on September 15.

DR. B. V. CHRISTENSEN, head of the department of pharmacognosy and pharmacology of the college of pharmacy of the University of Florida, has been

elected to the post of chairman of the subcommittee on volatile oils of the U. S. Pharmacopoeial Revision Committee to succeed Dr. W. O. Richtmann, of the University of Wisconsin, who was elected last year and who recently resigned. The committee consists of fifty members selected from the leading chemists, physicians, pharmacognosists, pharmacologists and pharmacists of the United States.

THE department of agricultural chemistry of the University of Wisconsin has been awarded a grant from the American Medical Association for the study of the distribution of phosphorus in rachitic and normal blood. This work is to be under the immediate direction of Dr. C. A. Elvehjem.

A GRANT of \$600 to Dr. G. de Takats, of the Northwestern University Medical School, for research work has been made by the committee on research of the American Medical Association.

THE Fourteenth International Physiological Congress will be held at Rome from August 29 to September 3, 1932. The dates have been set at this time to accommodate the American members. The congress will be held under the presidency of Professor Filippo Botazzi.

THE American Association of Railway Surgeons will hold its next annual meeting in St. Louis on November 4, 5 and 6. The Coronado Hotel has been selected as the headquarters. Arrangements have been completed for a joint meeting of the Association of Surgeons of the Illinois Central System with the American Association, and the program of the first day will be contributed by the surgeons of the Illinois Central System. The committee on arrangements is composed of Drs. R. A. Woolsey, *chairman*; O. B. Zeinert, Fred W. Bailey and R. E. Owen, of St. Louis, and F. H. Gunn, of East St. Louis. Dr. G. G. Dowdall, of Chicago, is president of the American Association of Railway Surgeons, and Dr. Louis J. Mitchell, of Chicago, is secretary.

WE learn from the *Journal* of the American Medical Association that the third International Congress of Radiology was held on September 11 in the Great Hall of the Sorbonne, in the presence of M. Camille Blaisot, minister of public health, and under the presidency of Dr. Bécélère, aided by Madame Curie as honorary president. The addresses read by the delegates of foreign countries took up the first hours. Dr. Pfahler, in the name of the American radiologic societies, presented Dr. Bécélère with an ivory gavel. Thereupon, Professor Forsell, after passing about the neck of the president the gold chain presented by the British Institute of Radiology, delivered an address on "The Crusade against Cancer." In greeting the 1,200 delegates of the forty countries represented at

the congress, M. Blaisot declared that professional solidarity in the pursuit of scientific knowledge constituted one of the best means of maintaining peace among men. After the session the delegates went to the Elysée, where a reception was held in their honor. Dr. Bécélère, assisted by the other officers of the society, presented the delegates to M. Paul Doumer. Owing to the financial situation, the German physicians were unable to participate in the congress.

THE Fifth Spanish Congress of Pediatrics will be held at Granada from October 19 to 23, under the presidency of Professor Suñer Ordoñez.

INDUSTRIAL research problems were discussed at a conference held at Purdue University on October 9 and 10, under the auspices of the Purdue Research Foundation. Plans for the gathering were announced by President E. C. Elliott, of the university. Invitations were sent to between 150 and 200 commercial and industrial leaders of Indiana and other Middle Western states to attend the meeting and also to be present at a dinner on the evening of October 9, at which David E. Ross, president of the board of trustees of Purdue University and a director of the Research Foundation, was the host. Speakers for the gathering included Dr. Harrison E. Howe, editor of *Industrial and Engineering Chemistry*, who was the principal speaker on the banquet program. Governor Harry G. Leslie, President Elliott and Mr. Ross also gave brief talks at the banquet. On October 10, John M. Moody, of New York City, well-known economist, who is regarded as a leading authority on financial topics, was the principal speaker. On the program with him was Howard W. Blakeslee, science editor of the Associated Press in New York City.

A GIFT of \$1,000,000 to Atlanta University at Atlanta, Georgia, one of the pioneer institutions of higher learning for Negroes, from an anonymous friend of the university, was announced here yesterday by Dean Sage, president of the board of trustees. The buildings are to cost \$625,000, and \$40,000 will be expended in renovation. The remainder of the gift, \$335,000, will be set aside as a building maintenance fund. The new buildings will be erected on a sixty-acre campus adjoining the campuses of the undergraduate colleges affiliated with the university, Morehouse College for men and Spelman College for women. More than 1,000 students enrolled last year in the three institutions. A new library was recently started, its cost of \$300,000 provided by a grant from the General Education Board. Dr. John Hope is president of the university.

THE municipal council of Brussels, Belgium, has accepted a gift of \$1,000,000 by George Eastman, of the Eastman Kodak Company, for construction of a dental clinic.

PLANS for enlarging the present six-story biological and research laboratory at the Willard Parker Hospital of New York were filed by the department of health. The improvement will consist of an eight-story addition in East Sixteenth Street, between Avenue C and the East River. The annex will increase the hospital's plottage from 82 by 42 feet to 148 by 88 feet and will cost \$700,000. The plans also provide for renovating the interior and renewal of equipment.

A LARGE observatory is now being built for the Geophysical Institute of the University of Leipzig. The building, which will be surmounted by an eighty-foot tower, is being erected on solid rock in a forest on the Colm at Oschatz, a suburb of Leipzig. Nearby, in a small quarry, an "earthquake cellar" will be excavated for the observatory's seismograph, and two further buildings will be erected for the study of terrestrial magnetism. The main building will be chiefly devoted to the study of atmospheric electricity. All investigations will be carried out along the lines of international geophysical research.

ONE half of one gram of radium was delivered from Belgium on September 18 to the cancer division of Bellevue Hospital in New York. The total consignment, valued at \$175,000, will be used exclusively in cancer treatments.

DR. HERBERT S. DICKEY, explorer and ethnologist, returned recently after five and a half months' absence during which he made his fifth expedition up the Orinoco River and discovered its source, hitherto unvisited by white men. Arriving on the Munson liner *Munamar*, he stated that the source of this great river is not in Venezuela, but actually in Brazil, some sixty miles west of the Parima Mountains, the dividing line between the two countries.

THE graduate division of the school of geography at Clark University has established headquarters at Wellfleet, Mass., for the fifth annual Clark Field School of Geography under supervision of Dr. W. Elmer Ekblaw, Dr. Wallace W. Atwood, Sr., president of the university, and Dr. Wallace W. Atwood, Jr. The group will survey the lower arm of the cape

and then move the camp either to Brewster or Barnstable. The study is one step in what will eventually be a complete study of Massachusetts. During the past four years the Connecticut Valley has been the object of study.

WE learn from the *Journal* of the American Medical Association that March 24, 1932, will be the fiftieth anniversary of the discovery by Robert Koch of the tubercle bacillus. The federal minister of the interior and the minister of the Prussian department of welfare have taken the initial steps to inaugurate suitable ceremonies in commemoration of the event. From May 17 to May 20, 1932, a commemorative assembly will be held in Berlin. On May 18 there will be a special commemorative session, in which German and foreign scientific men will participate, and on May 19 and 20 further scientific sessions will be held. It is planned also to reorganize under the name of the Robert Koch-Gedächtnis-Stiftung the Robert Koch foundation that was disorganized during the inflation period, and, above all, the importance of Koch as a scientist will be brought before the people in a suitable manner. Reichspräsident v. Hindenburg has consented to serve as the patron of the undertaking, and the imperial chancellor will be the honorary chairman of the committee on arrangements. In addition, a committee to aid in the organization of the scientific assembly will be appointed, to consist of German and foreign scientists and investigators.

THE New Jersey state department of conservation and development has put into operation a new forest nursery to meet increased demands for tree seedlings and to provide better conditions for raising species best suited for planting in South Jersey. The nursery, which is located in the Green Bank State Forest, near Green Bank, Burlington County, will have an ultimate capacity of 6,000,000 seedlings.

Two excellent specimens of the Persian wild ass and four of the Persian wild goat have been received at the Field Museum as a result of the recent expedition conducted by James E. Baum, Jr. In the near future, one or more of the animals will be mounted for exhibition.

DISCUSSION

BILATERAL GYNANDROMORPHISM AND LATERAL HEMIHYPERTROPHY IN BIRDS

BILATERAL gynandromorphism in birds constitutes a well-marked class of abnormalities, cases of which are, however, very rare. There are only ten cases recorded in the literature, more or less completely. In five of

these cases there is agreement between external and internal sex characters of the same side of the body; the right side of the body possesses a testis internally and male plumage externally, while ovary or ootestis (one case) and female plumage appear on the left side. These are the cases of Lorenz¹ (*Pyrrhula*),

¹ Th. Lorenz, *Bull. de la Soc. des Nat., Moscow*, n. s. 8, 325 (see p. 333), 1894.