

ents with a sucrose gradient and a low-speed centrifuge. Thin-layer chromatography of parasite material from these red cells has yielded five different antigenic proteins, the commonest of which behaves chromatographically very like hemoglobin. As the parasite is known to attack hemoglobin, this antigen may be a converted form of host material.—NIGEL CALDER

## APPOINTMENTS

**Wilfred W. Westerfeld**, dean of the School of Graduate Studies and professor and chairman of the department of biochemistry at the State University of New York Upstate Medical Center, to acting president, an additional position at the Center. . . . **Alan D. Freas**, assistant to the director of the U.S. Forest Products Laboratory, to chief of the division of solid-wood products research at the laboratory. . . . **E. Leonard Jossem**, professor of physics, Ohio State University, to professor and chairman of the department of physics at the university. . . . **James E. Oldfield**, professor of animal science, Oregon State University, to head of the department of animal science at the university, succeeding **James C. Miller**, who will retire. . . . **E. Richard Harrell, Jr.**, professor of dermatology, University of Michigan, to chairman of the dermatology department at the university's medical school. He succeeds **Arthur C. Curtis**, who will retire. . . . **Boyce D. McDaniel**, professor of physics, Cornell University, to director of the university's Laboratory of Nuclear Studies. . . . **James O. Hepner**, associate director of the Jewish Hospital of St. Louis and part-time assistant professor Washington University Medical School, to director of the department of hospital administration at the University. . . . **Stephen A. McCarthy**, director of the Cornell University Library System, to executive director of the Association of Research Libraries. . . . **John R. Platt**, research biophysicist, Mental Health Research Institute, University of Michigan, to acting director of the institute, and **Warren T. Norman**, professor of psychology at the university, to acting chairman of the department of psychology. . . . **Liberto J. A. DiDio**, professor of anatomy, Northwestern University Medical School, to chairman of the Department of Anatomy, Toledo

State College of Medicine. . . . **Raymond F. Dixon**, deputy chief of the Training Resources Branch, PHS, to director of the newly established Division of Health Manpower Educational Services, PHS. . . . **David Hubel**, professor of medicine, Harvard University, to George Packer Berry Professor of Physiology and head of the department of physiology, Harvard Medical School. . . . **William D. Schroger**, professor of anthropology, University of Michigan, to chairman of the Literary College's anthropology department at the University. . . . **James R. Neely**, research associate in physiology, Vanderbilt University School of Medicine, to head of the multidiscipline laboratories, Pennsylvania State University College of Medicine at the Milton S. Hershey Medical Center. . . . **Rulon W. Rawson**, professor of medicine, Cornell University Medical School, and chief of the department of medicine of the Memorial Sloan-Kettering Cancer Center, to dean of medicine, New Jersey College of Medicine and Dentistry. . . . **Howard O. Lorenzen**, head of the Countermeasures Branch, Radio Division, Naval Research Laboratory, to superintendent of the Laboratory's Electronic Warfare Division. . . . **John G. Daunt**, professor of physics and electrical engineering, Stevens Institute of Technology, to director of proposed center for cryogenics at the Institute. . . . **Donald J. Hillman**, chairman of the department of philosophy, Lehigh University, to an additional post of director of the Center for the Information Sciences at the University. . . . **Robert G. Loewy**, director of the University of Rochester's Space Science Center, to dean of the university's College of Engineering and Applied Science. . . . **Martin Morrison**, head of the Section of Respiratory Enzymology, City of Hope Medical Center, Duarte, California, to chairman of biochemistry, St. Jude Children's Research Hospital and professor of biochemistry the University of Memphis. . . . **Donald C. Harrison**, assistant professor of medicine, Palo Alto-Stanford Hospital Center, to head of the division of cardiology, Stanford University School of Medicine. . . . **Charles M. Plotz**, associate professor of medicine, Downstate Medical Center, Brooklyn, New York, to director of the newly established Office of Continuing Education at the Center. . . . **Robert W. Morse**, president of Case Institute of Technology, to first president of the newly established Case Western Reserve

University, and **John S. Millis**, president of Western Reserve University, to first chancellor of the new University. . . . **Martha E. Peterson**, dean of the University of Wisconsin, to president of Barnard College. . . . **Boris Magasanik**, professor of microbiology, to head of the department of biology.

## RECENT DEATHS

**Robert McEwen**, 60; retired president of Hamilton College, Clinton, N.Y., and chairman of the Empire State Foundation of Independent Liberal Arts Colleges; 30 May.

**Donald B. McMullen**, 64; scientific adviser to the director of the Walter Reed Army Institute of Research, Washington, D.C.; 27 May.

**Heinrich K. Matt**, 60; manager of the testing operations branch of the propulsion wind tunnel for Aro Inc., Tullahoma, Tenn. During World War II, he was chief of testing programs and design for the German Research and Aeronautics Branch of the Luftwaffe; 4 June.

**Edmund S. Merriam**, 87; professor emeritus of chemistry, Marietta College, Ohio; 12 June.

**Richard E. Ogborn**, 47; director of the nuclear medicine service for the Veterans Administration in Washington, D.C., and former professor in the School of Medicine, Creighton University, Nebraska, and at the College of Medicine, University of Nebraska; 1 June.

**Elmer Rebol**, 50; chief of the materials branch of the AEC's Division of International Affairs; 24 May.

**William M. Silliphant**, 66; former director of the Armed Forces Institute of Pathology; 29 May.

**John Francis Tighe**, 47; pharmacologist in the Bureau of Science, Food and Drug Administration; 4 June.

**Arthur Q. Tool**, 89; retired physicist with the National Bureau of Standards; 4 June.

**Otis C. Trimble**, 70; educational and cultural exchange officer for the State Department; 5 June.

**Lawrence Northcote Upjohn**, 93; director and honorary chairman of the board of the Upjohn Company; 2 June.

**Laura H. Zirbes**, 83; professor emeritus of education at Ohio State University; 9 June.