



July 1957

THE SMITHSONIAN

TORCH



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Contributions are encouraged from all employees of the Smithsonian Institution. If you have an item for THE TORCH please give it to the secretary of your department or send it directly to Mrs. Fields in the Personnel Division.

CONTRIBUTIONS SHOULD BE RECEIVED BY THE LAST DAY OF THE MONTH.

July 1957

Number 29

ZOOLOGY HEAD RETIRES

Dr. Waldo L. Schmitt, head curator of zoology since 1947, retired on June 30, having served the U. S. Government for 50 years, more than 42 of them in the U. S. National Museum.

He entered government service in 1907 as an economic aide in botany in the Department of Agriculture. Briefly in 1910 he was an aide in the division of marine invertebrates, U. S. National Museum, transferring in the fall of that year to the old Bureau of Fisheries as scientific assistant and later naturalist aboard the exploring and investigating steamer "Albatross." He returned to the Museum in 1915 as assistant curator of the division of marine invertebrates, where he succeeded to the curatorship in 1920.

Born in Washington, he attended old Central High, where he was an outstanding member of the track team. He holds the degrees of Bachelor of Science (1913) and Doctor of Philosophy (1922) from George Washington University and a Master's degree from the University of California (1916).

Dr. Schmitt's field of scientific investigation has been carcinology (the study of Crustacea) with especial emphasis upon the shrimp-like forms. He refers to himself as a "shrimp hunter," and his many trips of exploration have taken him from the Straits of Magellan and the Falkland Islands, near the southern tip of South America, to the Aleutian Islands off Alaska; from Tahiti and French Oceania on the west, to Juan Fernandez and the Galapagos Islands, through the West Indies (American, British, French,

Dutch), across Europe, to the Belgian Congo, Uganda, the Sudan, and Egypt on the east. The specimens that he brought back from those trips have greatly enhanced the National Museum collections, not only in his own field of zoology but also in geology, anthropology, and botany. With his warm, open, and engaging personality he has made many friends on his trips, and these friends have served both him and the National Museum well; much valuable material continues to accrue to the national collections because of them.

Dr. Schmitt's all-consuming interest in and devotion to the National Museum, particularly to the department of zoology, is well known. To further its work he has not hesitated to dip into his own pocket to purchase books he felt were needed but for which there were no funds, to reimburse volunteer collectors for out-of-pocket expenses, to pay for collections that he felt were desirable, to buy and present books in exchange for collections, and to entertain visiting scientists, many of whom have enjoyed the hospitality of his home for the duration of their Washington visits.

For years he has served "sandwich lunches" in his office as a means of bringing his staff together for general discussion, to introduce new members of the staff, and to give visiting scientists an opportunity to meet and talk with their colleagues here. Of late years he has invited the Westinghouse Talent Search winners each year to a lunch at which he has arranged for the young people to meet Smithsonian scientists in the field of their interests. Such lunches have not, however, been confined to the scientific staff of the Museum, the visiting dignitary, or the budding scientist. Every secretary in the department will remember, too, the lunches or afternoon teas for "the girls." The sight of him

loping into the Museum in the morning burdened down with large brown paper bags containing the "makings" is a familiar one to many.

Partly because of his early interest in botany, Dr. Schmitt had long felt that the two disciplines of botany and zoology were of equal value and deserved equal importance in the Museum organization. Thus, even though he had for many years been a zoologist, his first efforts after becoming head curator of biology in 1943 were directed to separating zoology and botany, and giving the latter field equal standing as a department in its own right. In 1947 this goal was achieved, with the late Dr. William R. Maxon, formerly curator of botany, being appointed as head curator of the department of botany, a position held today by Dr. Jason R. Swallen.

Dr. Schmitt's bibliography consists of more than 70 titles. He is a member of numerous professional organizations, including the Association of American Museums, the American Geophysical Union, the Washington Academy of Sciences (of which he was president in 1947), and the Society of Systematic Zoology (of which he was chief founder in 1947). He is a Fellow of the American Association for the Advancement of Science, a corresponding member of the Zoological Society of London, and has served on the advisory boards of several scientific organizations. He received the honorary Doctor of Science degree from the University of Southern California in 1948.

Dr. Schmitt has reached statutory retirement age with youthful vigor and with abiding interest in the progress of the National Museum, a fact remarked upon by Dr. Carmichael at the retirement party held for him in the Smithsonian Great Hall on June 28. On that occasion Dr. Carmichael welcomed a "new boy" to the Smithsonian family, "Dr. Waldo L. Schmitt, Research Associate of the Smithsonian Institution." A wrist watch and a sum of money were presented to him by his colleagues and friends. Climaxing the party, Dr. R. E.

Blackwelder, formerly of the U. S. National Museum, and Secretary of the Society of Systematic Zoology, explained that Dr. Schmitt had secured the four patron members of the Society, each of whom had contributed \$1,000 to the Society treasury. He stated that a fund to make Dr. Schmitt himself a patron had been oversubscribed by his friends in an amount exceeding \$2,000. Dr. Blackwelder commented that in announcing this tribute to the founder of the Society, the members took pride in adding a patron whom Dr. Schmitt had not secured!

Dr. Schmitt plans to continue a close association with the Museum, and hopes to resume some of the scientific studies he was obliged to lay aside 14 years ago when he assumed the responsibilities of the head curatorship. His retirement party, therefore, was not a farewell but an opportunity for his many friends to felicitate him on his change of status.

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FILMSTRIP ON SMITHSONIAN

"Let's Visit the Smithsonian" is the inviting title of a filmstrip slide lecture in full color produced by the Smithsonian Institution to tell the story of its many and varied activities.

Designed primarily as a preview of the Institution for visiting junior and senior high-school students, the strip will also be of interest to tourists and chairside travelers. It contains pictures of such tourist attractions as gowns worn by First Ladies of the White House, the original Star Spangled Banner, the Wright Brothers' airplane, giant dinosaurs, and famous paintings.

A commentary on a 12-inch long-playing record is also available with the film. It tells how the Institution

was founded and gives many interesting facts about the filmstrip's 48 different views of exhibits and behind-the-scenes activities in the Institution's museums and research agencies.

The filmstrip, made possible by a grant from the Link Foundation, is being released through the Society for Visual Education, 1345 Diversey Parkway, Chicago, Illinois. Inquiries concerning it may be addressed to the Society or to the Editorial and Publications Division, Smithsonian Institution, Washington 25, D. C.

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NEW COLLECTION OF BUGS

The largest and most complete personal collection of Hemiptera (lace bugs, assassin bugs, stinkbugs, etc.) in North America has been presented to the Smithsonian by Prof. Carl J. Drake, retired head of Iowa State College's department of zoology.

Dr. Drake, who assembled this collection of 160,000 specimens during years of active experimental entomology and taxonomic research, has recently become a Smithsonian honorary research associate. He now makes his headquarters in the National Museum, where he will continue his research.

The collection contains types, cotypes, or paratypes of more than 90 per cent of the known species of lace bugs in the world. In addition to this large economically important family of insects in which Dr. Drake specializes, the collection is remarkably complete in other groups as a result of many years of field collecting, exchange, and purchase of specimens.

Embodied in this material are such collections of Hemiptera as Hacker's, from Australia, and Pen-

nington's from Argentina, as well as the Reed collection of Chilean Hemiptera.

In all, over 1000 species are represented by holotypes.

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LECTURE ON TROPICAL ARCHEOLOGY

Dr. Clifford Evans and Dr. Betty J. Meggers of the division of archeology recently presented an illustrated talk at the Archeological Society of Maryland, in Baltimore, on "The Problems of Tropical Forest Archeology--Lower Amazon and Its Affiliations with the Rio Napo of Eastern Ecuador."

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CASH AWARDS

Dr. Carmichael recently presented cash awards and certificates of merit to three Smithsonian employees.

William H. Baird, of the guard force, received \$25 and a certificate on June 28 for his suggestion for converting discarded watch clock cabinets into key cabinets. Dr. Carmichael said that this suggestion "resulted in increased security and ready accessibility of the special office and storage keys; and has further proven to be an asset in avoiding time-consuming searches for needed keys."

Mrs. Jeraldine M. Whitmore, clerk-stenographer in the division of archeology received \$100 and a certificate on July 2. This award was based upon her demonstrated efficiency, accuracy, and speed; her dignified and business-like manner in dealing with visitors and handling telephone calls; and her over-all excellent management of the office.

Raymond A. Schwartz, museum aid in the Freer Gallery of Art, received \$165 and a certificate on July 2. In making this presentation, Dr. Carmichael said:

"In addition to the performance of your regularly assigned duties you were charged with the responsibility for supervising the dismantling of 19 galleries to permit the installation of air conditioning equipment; the installation of new exhibitions in four galleries; and the return of former exhibitions to the various galleries from which they were removed during the construction work. Because of the efficient manner in which this extra-curricular assignment was handled while continuing to fulfill your regular duties, this award is being conferred."

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1957 BOND CAMPAIGN

The 1957 campaign to urge employees of the Smithsonian Institution to purchase United States Savings Bonds under the Payroll Savings Plan is now underway.

Dr. Carmichael, in addressing the team captains appointed to conduct the campaign, pointed out that by enrolling under the Payroll Savings Plan an employee not only insures the regular and systematic saving of the amount specified on his authorization card but also helps combat inflation and thereby protects the purchasing value of the dollar.

A report of the result of the campaign will be given in the next issue of the TORCH.

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Humility is to make a right estimate of one's self.

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SPECIAL EXHIBIT

The National Collection of Fine Arts has announced the showing of "Recent Works by Cock Van Gent," which will be exhibited in the foyer of the Natural History Building from July 11 through July 31.

This exhibition, sponsored by the Catherwood Foundation, will be circulated to various museums and art galleries by the Smithsonian Institution Traveling Exhibition Service.

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NEWS FROM THE PLAINSMEN

The division of archeology has received letters from Dr. Waldo R. Wedel, who is heading a River Basin field party near Pierre, S. Dak. He says the plains are the wettest he has ever seen, and as a result, he and George Metcalf, his assistant, have spent considerable time mired in the mud or dodging the rain. The last letter received stated that Don Hartle left camp in a carryall truck on a Thursday to get supplies and come back the same day. Instead, the man had not been back in three days because of the mud.

Dr. Evans has suggested that they adopt a water buffalo, since the Plains apparently are closer to the tropics than they used to be.

Beau West, the youngest son of Lawrence and Lnor O. West, is also working on a River Basin project. He writes about his first experience in the field as follows:

"We eat like kings (of paramount importance to an 18 year old), and swim in the creek. From a nearby hill you can see the country for miles around and the weather a week away. I guess you know about the bad storms

in the area. We saw the bad ones go overhead and could see the lightning in the distance. The country is very nice.

"Yesterday we dug up about a ton of earth and found four nails, a handle to a cup, and two beer bottles!"

Beau's parents are wondering if his first digging will encourage him to undertake this kind of work as a career.

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POSTAGE FEES INCREASED

Notice has been received from the Post Office Department of increases effective on July 1 in fees charged for the following services: registry, return receipts, registered C. O. D. mail, special delivery, special handling, insurance, and certified mail.

The minimum registry fee for domestic mail is now 50 cents, which insures mail valued at not more than \$10. The cost increases in proportion to the valuation placed on matter to be registered. The actual value of each article presented for registration must be declared.

The new special delivery fee on first class mail weighing up to two pounds is 30 cents.

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TWO LEAVE FREER FOR STUDY

Emily Boone, editorial secretary in the Freer Gallery of Art, recently resigned to go to the University of Mexico to study advanced Spanish literature and history. She hopes to return to Washington upon

the completion of her studies and find employment that will call for the use of her knowledge of the language.

Her coworkers at the Freer gave her a warm send-off (temperature 95° plus!) and, knowing that she is interested in acquiring some of the justly famous south-of-the-border jewelry, a monetary gift to help out in that direction.

Another departure from the Freer was that of George Kuwayama, who has been studying under a Louise Wallace Hackney Scholarship for the past year. He is on his way to Formosa for another period of study under an Inter-University Fellowship administered by Cornell University.

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SUMMER INTERNS JOIN STAFF

In accordance with our summer intern program the following people have joined the staff:

Department of Zoology:

Theodore J. Leppi (Fishes)
Don Ray Davis (Insects)
Carol Clarke (Marine Invert.)
Jerry Hardy (Reptiles)
Clarence Simpson (Birds)

Department of Geology:

Richard Bambach (Mineralogy)
Robert Finks (Invert. Paleon. & Paleob.)
Karl H. Krucoff (Invert. Paleon. & Paleob.)

Department of Botany:

Ann Waterman (Cryptogams)

Department of Anthropology:

Peter Stone (Ethnology)
Jonathan David (Ethnology)
Elliott Liebow (Phys. Anthropology)

Department of Engineering & Industries:

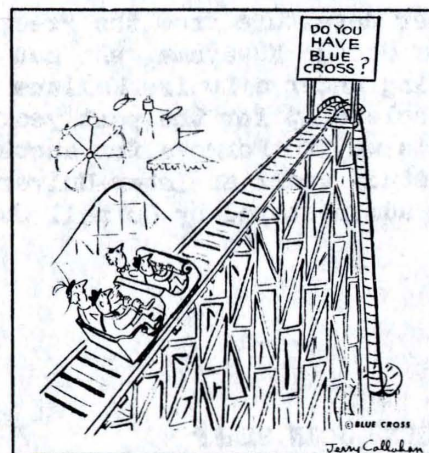
Thomas B. Settle (Electricity)
Jean Bottoms (Agriculture)
Augusta Greenfield (Medical Sciences)
John Minton (Graphic Arts)

Department of History:

John Shortridge (Musical Instr.)

Joseph Kenkel (Naval History)
 Guy F. Goodfellow (Military History)
 Joseph T. Kantorski (Civil History)
 William M. Riley (Philately)

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CARELESS DRINKERS

Do you enjoy the use of the coke vending machines in our buildings? Please show your appreciation by returning all empty bottles to the machine nearest your office. The company is anxious for the return of all bottles, and the maintenance and operations division would like your cooperation. It seems that empty bottles have appeared in many places far away from the machines.

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Success depends largely on persistence.

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ASSISTANT CURATOR RETIRES

James Russell Sirlouis, roving ambassador of good-will of the department of history, retired June 30 with no less a personage than Red Skelton as a special, unexpected guest.

At the time of his retirement, Russ was assistant curator in the division of military history. He had been with the Smithsonian 42 years beginning as a messenger at the age of 16. Later he was appointed Museum Aid, and his promotion to assistant curator took place in 1948.

A farewell party was held in his honor on June 28 in the Hall of Wood Technology, now being modernized. Red Skelton, popular stage and TV comedian, who was visiting the Arts and Industries building with his son and daughter, was invited to drop in on the party.

Dr. Leonard Carmichael praised Russ' friendliness and cooperative spirit, and presented him with a check as a farewell gift from his fellow workers. Among those present were Dr. Alexander Wetmore, former Secretary; John E. Graf, Assistant Secretary; Dr. John L. Keddy, Assistant Secretary, and Frank A. Taylor, Assistant Director.

Mendel L. Peterson, head curator of the department of armed forces, headed the party arrangements with Anne W. Murray and Margaret C. Archer of the department of history acting as hostesses.

A special card, illustrated by Ben Lawless, read:

To Russ, who started work at the Smithsonian at a very tender age.

And somewhat after the building across the way was completed.

And who, through the years has worked with such specimens as "Rienzi," a horse that clocked the run to Winchester in 3:02.

And who has lovingly assisted in getting together all those stamps.

And patiently watched the gun collection grow, cannonball by cannonball.

And fought those moths within an inch of their lives.

And worked on exhibitions above and beneath the sea.

A little bit after certain experiments, to be sure.

We, who tread slowly along behind, bid you fond farewell:

The Smithsonian Institution.

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REPORTS FROM FAR EAST

Freer traveller H. P. Stern reports from the Far East that he has completed the cataloging of the Korean art collection that is being sent to this country for showing in a number of outstanding galleries.

He also reports the following:

"I got myself a camera and am slowly learning how to operate the confounded machine. I sheepishly take the shots in for developing, fully realizing that probably 75 per cent of the batch will be sub-rank amateur. Perhaps by the time I need it to photograph objects, I'll have mastered the technique of pushing down the shutter trigger."

Mr. Stern is now back in Japan after his Korean sojourn, where he will work and study until November, when he takes off for a shorter period of study in Formosa.

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A job is an opportunity to create something.

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RECEIVES HONORARY LL.D.

Dr. Frank H. H. Roberts, Jr., Director of the River Basin Surveys and Associate Director of the Bureau of American Ethnology, received the honorary degree of Doctor of Laws from the University of New Mexico at the commencement exercises held at Albuquerque on the evening of June 5.

The following citation was read:

"One of the foremost archeologists of this century. A pioneer in the study of Early Man in North America and in the archeology of the Southwest who has probably contributed more to the knowledge of the prehistory of this region than any other person. For the past thirty years affiliated with the Smithsonian Institution's Bureau of American Ethnology and presently its associate director. He has also been instrumental, through the River Basin Surveys which he directs, in providing for the salvage of scientific materials and the recording of cultural data in those parts of the vast Missouri Basin to be inundated as a result of flood control and irrigation projects. Quiet and unassuming; a meticulous scientist and scholar, yet skilled in administration; a man gifted in analysis and lucid in style, whose published research has been a model for others in his field to follow.

---Frank Harold Hanna Roberts, Jr., upon recommendation of the Faculty of the University and by vote of the Regents, I confer upon you the honorary degree of Doctor of Laws."

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COMPUTER FOR SATELLITE DATA

Arrangements have been made whereby the IBM 704 computer donated to the Massachusetts Institute of Technology by International Business Machines, Inc., will devote part of its time to calculating the orbit of artificial earth satellites.

The United States will launch such an artificial moon into space as a part of the International Geophysical Year, July 1, 1957, to December 31, 1958.

Data necessary for computation of the orbit will be provided by visual observing stations in all parts of the world. These stations are being organized by the Smithsonian Astrophysical Observatory, Cambridge, Mass., which has been assigned the Satellite Optical Tracking Program by the National Academy of Sciences through the National Science Foundation.

The visual observers are organized into groups called MOONWATCH teams, and their task is to find the satellite as it orbits the earth and to note its position and the time it occupied that position.

These data will be quickly transmitted to the Observatory in Cambridge where they will be made ready for use in the IBM 704 computer along with previously prepared data. In punch-card form, the information will be fed into the IBM 704 at M. I. T., and it will take but a few seconds for the computer to produce an orbit. It has been estimated that it would require at least eight hours for a man with a desk calculator to perform the same task.

The orbit then will be communicated to Smithsonian Observatory's 12 camera tracking stations around the world. Using this orbit, which may be termed a celestial time table, the operators will know where and when to aim the cameras so as to photograph the satellite. These photos, in turn, will allow for precise measuring of the satellite's position. In addition, the photographs will reveal information about the earth and its upper atmosphere.

The Smithsonian Astrophysical Observatory will make public its predictions of the satellite's position over the earth so that nonprofessional observers may know when and where to look for it with binoculars or small telescopes. The satellite will move 300 miles per minute.

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NEW APPOINTMENTS:

Plant Taxonomist:

Mason E. Hale, Jr. (Botany)

Physical Anthropologist:

William M. Bass, III (RBS)

Museum Geologist:

Porter M. Kier (Geology)

Consultant:

John P. Cox (APO)

Physicist:

Fred A. Franklin (APO)

Photographic Scientist:

Richard G. Texke (APO)

Museum Curator:

Francis J. McCall (History)

Archeologists:

Harold A. Huscher (RBS)

Charles H. McNutt (RBS)

William N. Irving (RBS)

Don D. Hartle (RBS)

Position Classification Clerk:

Aimee M. Farr (Personnel)

Library Assistants:

Betty J. Neumann (Library)

Ana D. Monner-Sans (Library)

Ian Rule (Library)

Dennis M. Ring (Library)

Suzanne R. Katzin (Library)

Gary W. Hume (Library)

Carl E. Day (Library)

John A. Dixon (Library)

Junior Clerk:

Alan D. Galletly (BSIE)

Clerk-Typists:

Linda Marsden (Off. of Spec. Asst.)

Anne C. Budlong (Library)

Betty E. Baker (Off. of Director)

Sally L. Budlong (Off. of Director)

Animal Keeper:

Charles W. Johnson (NZP)

Operating Engineer:

Edward L. Herder

Electrician Helpers:

Robert E. Thayer

Charles E. Clark

Painter:

Johnnie R. Swinney

Custodial Laborers:

Flossie A. Lee

Elaine S. Saunders

Laborers:

William R. Thompson (NZP)

Elmer D. Jackson (NZP)

Guards:

Lawrence K. Tolley

Leslie V. Stevens

Thomas E. Riley

Henry A. Baltimore

Willie Evans

SEPARATIONS:

Bessie G. Hendrix

Richard S. Scott

Betsy H. Scott

Barbara A. Roche

Melvin W. Marshall

Alfred R. Loeblich, Jr.

Robert E. Olson

Carl B. Koford

Edward I. Smith

Willie A. Greene

George L. Alston

Dorothy J. Starr

Helen L. Faulkner

Frances L. Evers

Alice L. Cole

Emily E. Boone

Ribca E. Blok

Lea Spector

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CONVERTED TO CAREER APPOINTMENTS

The following employees have completed the required 3 years in career-conditional status and are now full-fledged career employees:

Barbara R. Roerig (Geology)

Clarence E. Shultzaberger (NZP)

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FAREWELL PARTY

A number of Al Loeblich's friends got together on June 26 at a farewell luncheon for him and Mrs. Loeblich and presented him with a gift as a "token of their affection." The Loeblichs left on

July 2 for their new home in California, where he has taken a position with the California Research Corporation. All their Smithsonian friends wish them lots of success.

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BEETLES AND BUTTERFLIES

Ernest Shoemaker, amateur entomologist and painter of butterflies, has given the Smithsonian his collection of some 60,000 insects, mostly beetles, according to Curator J. F. Gates Clarke.

Mr. Shoemaker, now an active 91, began collecting insects more than 70 years ago when he was a young man living in Georgetown, and this hobby has occupied most of his spare time during and after his later years in the insurance business in New York City.

His exquisitely prepared specimens are of particular interest because many of them came from collecting grounds in the eastern U. S., that have disappeared because of the growth of cities. Many of the specimens are from areas not previously represented in the Museum.

The collection contains a number of moths and butterflies. Particularly valuable are the 101 species of the Morpho butterfly. These are magnificent blue creatures from the American tropics, some with wing spreads up to 5 inches.

Mr. Shoemaker is a younger brother of Coates Shoemaker, who served as chief clerk of the International Exchanges for 59 years, retiring in 1941 at the age of 81. His cousin, Clarence R. Shoemaker, a mere youngster of 83, is a Smithsonian research associate in marine invertebrates.

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Blood needs can be your needs. Make them your responsibility.

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ARTS BULLETINS NEEDED

Mrs. Bertha Usilton, the Freer Gallery of Art librarian, states that the library is in need of the following numbers of the Bulletin of the Metropolitan Museum of Art: Nos. 1, 5, and 8 of volume 1, 1905 and 1906; nos. 3 and 11 of volume 2, 1907; and no. 2 of volume 3, 1908.

It would be appreciated very much if anyone possessing these magazines would contribute them to the Freer Library.

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RIVER BASIN NEWS

Dr. James H. Howard and his three-man crew completed their archeological investigations in the Toronto Reservoir area of Kansas at the end of June. Dr. Howard will become a member of the faculty at the University of North Dakota this fall.

Dr. Waldo R. Wedel, assisted by George Metcalf, both of the U. S. National Museum, and a party of nine are excavating the Black Widow Site and testing other nearby sites in the Oahe Reservoir of South Dakota.

In the same reservoir, Dr. Robert L. Stephenson, chief of the Missouri Basin Project, assisted by Lee G. Madison and a crew of 21 are excavating the Sully Site and will test other sites in the immediate vicinity.

Donald D. Hartle and a crew of six are mapping and testing sites in the area between the mouth of the Cheyenne River and a point opposite Fort Sully, also in the Oahe Reservoir area. Mr. Hartle joined the staff of the Missouri Basin Project on June 6.

The fourth party in the Oahe Reservoir area is under the direction of Charles H. McNutt. Mr. McNutt joined the permanent staff of the Missouri Basin Project on June 10, and with his party of seven will map and test sites in the

vicinity of Old Fort Sully on the east bank.

G. Hubert Smith and a party of nine are excavating the historic site of Fort Defiance-Bouis, and they will sample the Fort George site and the "Mystery Site" in the Big Bend Reservoir of South Dakota.

Dr. Warren W. Caldwell and a party of seven are excavating a mound site and a three-component site, also in the Big Bend Reservoir.

Robert W. Neuman became a full-time member of the permanent staff of the Missouri Basin Project on June 10. Mr. Neuman and his party of nine are excavating three sites in the vicinity of Fort Thompson in the Big Bend Reservoir area. In this same reservoir, William N. Irving and a party of eight are mapping and testing several sites in the Fort Thompson area. Mr. Irving joined the Missouri Basin Project for the field season on June 10.

The ninth field party in South Dakota this summer is that of Harold A. Huscher and two crewmen. Mr. Huscher joined the Missouri Basin Project at the end of June. He and his party will do mapping, surface surveying, and brief testing in the Big Bend and Oahe Reservoir areas, working as a mobile unit.

Dr. Theodore E. White completed his assignment in the Missouri Basin Project laboratory on June 7 and returned to his regular assignment with the National Park Service at Dinosaur National Monument, Jensen, Utah.

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"Don't neglect an opportunity to extend your congratulations when the other fellow has made some achievement, or to encourage him when he is trying."

---B. W. Elsom

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CREDIT UNION NOTES

Dr. Theodore H. Reed, acting director of the National Zoological Park, has been elected to the Board of Directors of the Smithsonian Institution Employees Federal Credit Union. He replaces Mrs. Margaret Brown Klapthor who resigned because of pressure of official duties.

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OLD BISON DELIVER MESSAGE

Dismantling old exhibits has become something of a treasure hunt in the division of mammals since Curator Henry Setzer's "find" in the base of the old bison exhibit.

With Charles Sinclair and Lester Gates of M & O division, Setzer was supervising removal of the bison exhibit in preparation for work on the new "World of Mammals" hall. The bison had been taken out of the case and the workmen were removing the "ground" on which the animals had stood.

Beneath the lath and plaster was found a metal specimen box, rusted and battered. Its contents—two numbers of the Cosmopolitan Magazine for 1887 that contained an article by William T. Hornaday entitled "The Passing of the Buffalo."

Atop the first page of the article, in Hornaday's handwriting, were these words, addressed to "My Illustrious Successor."

"Dear Sir:—Enclosed please find a brief and truthful account of the capture of the specimens which compose this group. The Old Bull, the young cow and the yearling calf were killed by yours truly. When I am dust and ashes I beg you to protect these specimens from

deterioration and destruction. Of course they are crude productions in comparison with what you produce, but you must remember that at this time (A. D. 1888. March 7.) the American School of Taxidermy has only just been recognized. Therefore give the devil his due, and revile not

W. T. Hornaday."

Hornaday, who in the 1880's was chief taxidermist for the National Museum, became director of the New York Zoological Park in 1896, a post he held until 1926. Famous as head of one of the Nation's great zoos, he was equally noted as a naturalist and for his activity in promoting laws for the protection of wild life.

His article in Cosmopolitan in 1887, began with these words: "At last the game butchers of the great West have stopped killing buffalo. The buffalo are all dead!" Today, thanks to his efforts, and those of other great conservationists, the American bison thrives on protected ranges in our Western States.

Hornaday's bison, on the other hand, stand huddled in the now emptied hall, awaiting assignment to "fresh woods and pastures new."

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PUBLISHED IN JUNE

"Automobiles and Motorcycles in the U. S. National Museum," by Smith Hempstone Oliver. U. S. National Museum Bulletin 213, 157 pages. (This is a revision and expansion of Bulletin 198.)

Title page, table of contents, and index to volume 104 of the Proceedings of the U. S. National Museum, 48 pages.

"*Rhynobriissus cuneus*, A New Echinoid from North Carolina," by C. Wythe Cooke. Proceedings of the U. S. National Museum, 4 pages.

"Chromospheric Spicules," by Sarah Lee Lippincott. Smithsonian Contributions to Astrophysics, 9 pages.

"Studies of Solar Granulation: I. The Statistical Interpretation of Granule Structure from One-Dimensional Microphotometer Tracings," by Gerard Wlerick. Smithsonian Contributions to Astrophysics, 10 pages.

"Variations in the Thermodynamic State of the Chromosphere over the Sun-

spot Cycle," by R. G. Athay, D. H. Menzel, and F. Q. Orrall. Smithsonian Contributions to Astrophysics, 16 pages.



**SEND YOUR IDEAS TO THE
INCENTIVE AWARDS COMMITTEE -**