

oped near the town of Cebu, and there is iron ore in abundance in Luzon, Caraballo, Cebu, Panay and doubtless in other islands. Sulphur deposits abound about active and extinct volcanoes in the Philippines.

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UNIVERSITY AND EDUCATIONAL NEWS.

THE fund being collected by the New York Chamber of Commerce as a memorial to the late Colonel Waring, which it is hoped will reach \$100,000, three-fourths of this sum having now been given, is to be used, after the death of Mrs. Waring and her daughter, for the endowment of a chair of instruction in municipal affairs in Columbia University.

MR. E. D. MORGAN has given \$5,000 for the equipment of a pathological laboratory at the Bussey Institute, Harvard University, of which Professor Theobald Smith is the Director. A new greenhouse, costing \$7000, has been given anonymously to the Botanical Garden of the University.

WE regret to note that the will of the late Colonel Bennett, which gave a large endowment to the women's department of the University of Pennsylvania, is being contested.

IT is perhaps not generally known that Cornell University possesses the largest school of naval architecture in America. There are this year fifty students taking naval architecture and marine engineering as their chief subjects.

AT the anniversary dinner of the Royal Society on November 31st Lord Kitchener announced that he had received £40,000 for the foundation of a college at Khartoum. As a further indication of what Great Britain is doing for its imperial subjects we note that plans are being made to establish a Mohammedan University in India.

DR. M. E. WADSWORTH has resigned the Presidency of the Michigan College of Mines. In his letter of resignation he says: "When I came to take charge of this institution it had no hold anywhere and its death was hourly expected. I leave it with you firmly established, a recognized part of the great educational system of the State, a college that ranks

with any in the world of its kind, and with many of its graduates leaders in their chosen field. It is now successful, prosperous and of world-wide fame. No mining engineering school in United States ever had such a phenomenal growth in numbers and standing as this one has had in the same space of time, and that, too, under extremely disadvantageous circumstances."

THE *Experiment Station Record* announces the following appointments: At the Idaho College and Station, J. P. Blanton has been appointed President of the University of Idaho and Director of the Station; M. T. French, professor of agriculture in the College and Agriculturist of the Station; Thorn Smith, Assistant Chemist; Professor A. S. Miller, Geologist, and J. A. Huntley has been elected to the newly established chair of horticulture. Elmer D. Ball has been made Assistant Entomologist at the Colorado Station, and A. H. Bryan and R. W. Clothier Assistant Chemists at the Indiana and Kansas Stations, respectively. Charles W. Burkett has been appointed associate professor of agriculture at the New Hampshire College and Station, and James Withycombe Assistant Director and Agriculturist of the Oregon Station. A. W. Blair has been made State Chemist of North Carolina. At the Vermont Station, L. R. Jones and F. A. Waugh have been granted a half year's leave of absence for special studies in botany and horticulture.

THE Council of the University of Paris has authorized courses under the faculty of science by M. Chabrié in applied chemistry, and by M. Favre in methods of experimental science.

THE following appointments and promotions abroad are announced: Dr. Heinrich Obersteiner, assistant professor of physiology and pathology of the central nervous system in the University of Vienna, has been promoted to a full professorship; Dr. Robert Haussner, of Giessen, to an assistant professorship of mathematics, and Dr. K. W. Zimmermann, of Bern, to an associate professorship of anatomy. Dr. Lepetet has been made professor of histology in the University of Clermont, Dr. Oskar Zoth professor of physiology in the University of Gratz, Dr. de Marignac professor of hygiene in the

University of Geneva, and Dr. Hettner, of Tübingen, professor of geography in the University of Würzburg. Professor von Frey, of Leipzig, has received a call to Zurich, and Professor W. C. Röntgen, of Würzburg, a call to Leipzig.

#### DISCUSSION AND CORRESPONDENCE.

##### ZOOLOGICAL BIBLIOGRAPHY AND PUBLICATION.

TO THE EDITOR OF SCIENCE: Any criticisms from Dr. W. H. Dall on the Report of the British Association Committee on the above subject are most welcome, and we look forward to receiving his remarks on the several other details to which he implies that exception may be taken. Meanwhile permit me to point out that his criticism of recommendation (not 'rule') 3 is based on several misapprehensions. Dr. Dall speaks for 'the working zoologists,' but, as stated in our Report, those are just the people that an extensive correspondence showed to be in favor of our recommendation. But, whether warranted or unwarranted, our Report neither contains nor rests on any "assumption that the publication of the separate papers of a volume before the volume as a whole is issued is 'improper,' while the indefinite delay of their publication is 'proper.'" On the contrary, the Report makes precisely the same suggestions concerning date as does Dr. Dall (see recommendation 1), and we fully agree as to the advisability of publishing papers promptly and as to the value of separate copies.

Now, what is our recommendation 3? No one would imagine from Dr. Dall's letter that it was this: "That authors' separate copies should not be distributed privately before the paper has been published in the regular manner." The Committee refuses to consider that an author's distribution of a few copies of his paper to a few friends, or to a few workers whose addresses he happens to know, can rank as 'publication.' In the opinion of the Committee, the terms 'public' and 'private' are opposites and not synonyms. The publications of the Philadelphia Academy, the Washington Societies and the U. S. National Museum are not in question. What the Committee had chiefly to consider (as plainly stated in the Re-

port) was the case of smaller publishing bodies, unable, through lack of funds, to follow those admirable examples. Such smaller bodies often allow their contributors to distribute privately a few copies of their individual papers. This private distribution may take place two or three years before the actual publication of the volume or part, and often is confined to the casual presentation of half a dozen copies. Say the paper describes new species of molluscs. How is the worker on molluscs in another country to hear of this paper? How is he to obtain it if he does hear of it? How is he to learn its contents? He cannot be sure that a letter from him will ever reach the author, or that if it does it will meet with any response. Experience teaches otherwise. Meanwhile he himself describes the same species, and his paper is published, is advertised, and is procurable through the ordinary channels by anyone that chooses. And so springs up a fresh crop of nomenclature troubles. How can Dr. Dall, as a working zoologist, regard the former method as a greater convenience than the latter?

Our remedy is simply an attempt to regularize this previous distribution, to insist on its being made 'public' as well as 'private.' If separate copies are to be issued before the volume a certain proportion of them must be made accessible to anyone, not merely to friends of the author, and this fact must be publicly announced. In short, we are trying to bring about the very state of things that Dr. Dall admires, and we trust that when he perceives this he will give us his influential support.

Your readers may be interested to know that our Committee has been strengthened by the addition of Mr. B. Daydon Jackson and Mr. A. C. Seward, and now proposes to extend its labors to *botanical* publications. Any criticisms or suggestions on the subjects within the cognizance of the Committee will be gratefully received, and I shall be pleased to send its circulars to those interested. Communications should be addressed to

F. A. BATHER,

*Secretary of the British Association Committee  
on Zoological and Botanical Publications.*

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