

11 $\frac{3}{4}$  × 8 $\frac{1}{4}$  inches; in the upper right corner is fixed the word "rhinocerus," between the date "1515," and the well known bold monogram of the artist; there is a scant foreground, and the detailed inscription was added outside the enclosing lines. The impression which the present writer has before him is printed on thin linen paper bearing the water-mark of the peacock, well known to dealers and collectors, and is trimmed to the lines, according to the pernicious custom of an earlier time.

Gesner properly used this print, which must have been common in his day, duly acknowledged it, and added a brief history of the subject for the interest of the general reader. The reproduction, possibly by Gesner's own hand, is almost photographic in accuracy, excepting the accessories of enclosing lines and foreground, which were studiously omitted from nearly all of his illustrations. It was reduced by about one fourth, and was naturally reversed in printing. Although Gesner might have advantageously drawn still further from the great Neurenburg artist for admirable pictures of horses, dogs, stags and hares, he refrained.

FRANCIS H. HERRICK

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THE UNITED STATES BUREAU OF  
EDUCATION

THE Bureau of Education at Washington, which has occupied for thirty-seven of the forty-two years of its existence the rented building at the corner of Eighth and G streets, northwest, was removed in July to the second floor of the old Post-office Department building between Seventh and Eighth and E and F streets, with storage and mailing rooms in the basement. Its new quarters are more commodious and much more comfortable than the old. This is the first time in the history of the bureau that it has been quartered in a government building.

A measure of reorganization in the staff of the bureau was made during the month of July. Mr. Lewis A. Kalbach, who has been connected with the bureau for twenty-two years and has served during the past three years as clerk to the Commissioner, in addition

to his duties as specialist in land-grant college statistics, has been appointed chief clerk of the bureau. He has been succeeded as specialist in land-grant college statistics by Professor James E. McClintock, of the University of Maine, whose principal work will have to do with the relations of the federal government with the land-grant colleges of agriculture and mechanic arts. The former chief clerk, Mr. Lovick Pierce, continues his connection with the bureau as chief of the correspondence division. Dr. Harlan Updegraff, who has served as chief of the Alaska division during the past two years, has been appointed collector and compiler of statistics, succeeding Mr. W. Dawson Johnston, who has been made librarian of Columbia University. Dr. Updegraff's principal duties will have to do with the relations of the bureau with the chief school officers of the several states and cities of the country. It is expected that he will serve as an adviser in matters affecting school administration.

Mr. William T. Lopp, who has served as district superintendent of schools in Alaska, has been appointed superintendent of education of natives of Alaska and will have direct charge, under the supervision of the commissioner of education, of education and the reindeer industry among the Alaskan natives. He will divide his time between Alaska and Washington and will have charge of the Alaska division of the bureau.

Some time will be taken in closing up the special work upon which Dr. Updegraff and Mr. Lopp are now engaged, in the Alaska service, and it is expected that they will not enter their new duties before November or December.

Arrangements have been made by the Bureau of Education and the Bureau of the Census for the collection by special census agents of financial statistics of the school systems of the larger cities. The statistical form used by the Census Office will be furnished shortly by the Bureau of Education to a number of these cities that can not be reached this year by the census agents. This form is the outcome of a conference between the two offices concerned.

It is still in an experimental stage, but its use by the Census Office and the Bureau of Education is expected to develop any defects or weaknesses in it, and lead to the adoption of a form that will meet the conditions existing in the various cities of the country.

Another forward step has been taken as regards the prompt issuance of the Annual Report of the Commissioner of Education. On certain conditions, which can undoubtedly be met, the public printer has agreed to furnish bound copies of Volume 1 of the Annual Report for 1909 on December 1 of this year, and volume 2 on March 1 of the year 1910. In view of this arrangement, it may now be confidently expected that the first volume, containing general surveys, directories, etc., will be in the hands of readers before the convening of those educational associations which meet during the holiday season; and the second volume, containing the statistical tables, will be received prior to the Easter vacation meetings.

ELMER ELLSWORTH BROWN,  
*Commissioner*

WASHINGTON, D. C.,  
August 9, 1909

#### SCIENTIFIC NOTES AND NEWS

At a meeting of the Board of Geological Survey of Michigan in Detroit on August 9, Professor R. C. Allen, of the University of Michigan, was elected state geologist to succeed A. C. Lane, whose resignation to accept a chair in Tufts College we announced a month or two ago. Professor Allen had received the endorsement of five out of six of the board of scientific advisers.

At the celebration of the fifth centenary of the University of Leipzig a large number of honorary degrees were conferred, including a doctorate of medicine on Professor E. B. Wilson, of Columbia University, and a doctorate of philosophy on Professor Jacques Loeb, of the University of California.

At its recent celebration the University of Geneva conferred one hundred and fifty honorary doctorates. Among the men of science included were Lord Lister, Professor Haeckel, Professor Ostwald and Professor Engler.

DR. H. W. WILEY, chief of the Bureau of Chemistry, has had conferred on him the Cross of the Legion of Honor by the French government.

DR. J. C. KAPTEYN, director of the observatory at Groningen, has been elected a corresponding member of the Paris Academy of Sciences.

THE Baly medal, awarded by the Royal College of Physicians of London every alternate year for distinguished services to physiology, has been awarded to Dr. Emil Fischer, professor of chemistry in the University of Berlin; and the Moxon medal, awarded every third year for distinguished services to clinical medicine, has been awarded to Sir W. R. Gowers, F.R.S.

THE Berlin Academy of Sciences has awarded its Leibnitz medal in gold to M. Ernest Solvay, of Brussels, and to Dr. C. von Böttinger, of Eberfeldt.

THE Santoro prize of \$2,000 of the Accademia dei Lincei of Rome has been awarded to Professor Quirino Majoranna for his researches in wireless telegraphy.

DR. ISADOR ROSENTHAL, professor of physiology at Erlangen, has celebrated the fiftieth anniversary of his doctorate.

THE following professors have retired from active service: Dr. Georg Gerland, professor of geography at Strasburg; Dr. Friedrich Prim, professor of mathematics at Würzburg, and Dr. Anton Grünwald, professor of mathematics at Prague.

DR. WALTER LEHMANN, of Berlin, has been appointed curator in the Munich Ethnographical Museum.

DR. BREINL, of the Liverpool School of Tropical Medicine, has been appointed director of the newly-founded School of Tropical Medicine in Western Australia.

DR. J. FRANKLIN MEYER, formerly professor of physics at the Pennsylvania State College, State College, Pa., has resigned his professorship to accept a position with the Westinghouse Lamp Company, Bloomfield, N. J., in charge of the physical research.