

BULLETIN  
OF THE  
AMERICAN MUSEUM OF NATURAL  
HISTORY,

CENTRAL PARK, NEW YORK CITY.

(77th Street and 8th Avenue.)

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VOLUME I, 1881-86.

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NEW YORK:  
PRINTED FOR THE MUSEUM.

# BULLETIN No. 1

OF THE

## American Museum of Natural History

(CENTRAL PARK, NEW YORK,)

77th Street and 8th Avenue.

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ARTICLE I.—*Description of a new species of Crinoid from the Burlington limestone, at Burlington, Iowa.* By R. P. WHITFIELD.

ARTICLE II.—*Remarks on Dictyophyton, and descriptions of new species of allied forms from the Keokuk Beds, at Crawfordsville, Ind.* By R. P. WHITFIELD.

ARTICLE III.—*Observations on the purposes of the embryonic sheaths of Endoceras, and their bearing on the origin of the siphon in the orthocerata.* By R. P. WHITFIELD.

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DECEMBER 23d, 1881.

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WM. C. MARTIN, PRINTER, No. 111 JOHN STREET.

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*In issuing the present publication, the Officers of the American Museum of Natural History wish to say, that it is their purpose to publish, from time to time, the results of investigations of material in their collection, in the form of Bulletins, of which the present forms the first. It is also their desire to aid students of Natural History and Teachers in our Public Schools in becoming familiar with these subjects, through courses of lectures, given at the Museum, thereby making it a part of the educational system of the City. In pursuance of this object the Board of Education has issued the following circular to the Teachers of the City Schools.*

[Signed,]

MORRIS K. JESUP,  
*President.*

AM. MUS. OF NAT. HIST.,  
*New York, Dec. 23d, 1881.*

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HALL OF THE BOARD OF EDUCATION,  
*City Superintendent's Office,*

November 11th, 1881.

*To the PRINCIPALS AND TEACHERS :*

In accordance with a resolution of the Board of Education, and upon the recommendation of the Committee on Course of Study and School Books, the undersigned hereby directs the attention of all teachers to the fact that the American Museum of Natural History, possessing a large and costly collection of specimens, illustrative and useful in many departments of science, is now complete, and open to the general public for visitation and inspection. The Trustees of this Museum, through MORRIS K. JESUP, Esq., Chairman of the Executive Committee, have specially extended an invitation to the teachers and scholars of the public schools, in which invitation the desire is expressed that the Museum may be utilized in the service of public education,

The undersigned therefore suggests and advises that the means of assistance in prosecuting the study of natural science, thus courteously and definitely placed at the disposal of the schools, be rendered as available for the purpose mentioned and made as practically useful as circumstances will permit.

By frequent reference to the existence of the Museum and its many treasures in the department of Natural History, the Principals and

Teachers could and should awaken the interest of the children, and by precept and example, could induce and encourage them to take advantage of the opportunity thus presented. The fact that Teachers from the several schools have traveled great distances in inclement weather to attend a course of Saturday lectures at the Museum, and were amply rewarded for their time and effort, is proof of the Museum's usefulness from an educational point of view; and an announcement of what had been done and is going to be done by teachers, would necessarily be productive of great effect on the minds of the pupils. The elements of Natural Science, taught orally in our Schools, are best presented by those who have an objective acquaintance with that about which they speak and lecture, and the pupil who can pass from the world of books and oral statements into actual contact with the very things of which the books and statements give only imperfect pictures, is in possession of advantages which it would be inexcusable to neglect.

Teachers and Pupils should, therefore, on Saturdays and holidays devote some portion of their time to the Museum and its collection.

Good instruction makes discipline easy. A visit by the meritorious pupils of the class, in company with the teacher, as a reward for satisfactory service during the week or month, would not only increase the pupils' knowledge, but also constitute an effective agency in securing order, interest and attention in the class room, and would thus make the teacher's labor less arduous and exhausting.

The Museum of Natural History is in Seventy-eighth Street, between Eighth and Ninth Avenues. It opens every day, except Sunday, at 9 o'clock A. M., and closes half an hour before sunset.

Very respectfully,

JOHN JASPER,  
*City Superintendent.*