

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

WASHINGTON, D. C., March 9th., 1889.

Sir J.W. Dawson

Montreal, Canada.

Dear Sir:

I wish to thank you for a copy of your book entitled "Modern Science in Bible Lands" which was recently sent to me at your order from Harper & Brothers. I have read your account of the east with much interest, and as requested by you, have presented the book, in your name, to the library of the U.S. Geological Survey.

I am now writing a review of the Triassic and Jurassic rocks of North America, to form one of a series of reviews to embrace collectively the whole of North American geological history. While writing this review, I found that it would be exceedingly convenient to have a special and distinct name for the rocks commonly designated as Triassic or Jura-Trias on the Atlantic coast. Finally I adopted the name Newark System, proposed by Redfield in 1856.

I send you by mail to-day, a copy of a little paper which has just appeared in the "American Geologist", proposing the adoption of this name. I trust you will approve of the choice.

UNITED STATES GEOLOGICAL SURVEY

WASHINGTON, D. C., March 27th, 1889.

Sir J. Dawson

Montreal, Canada.

Dear Sir:

I wish to thank you for a copy of your book entitled "Notes on the Geology of the Province of Ontario" which was recently sent to me at your order from Harper & Brothers. I have read your account of the geology with much interest, and as requested by you, have presented the book in your name to the Library of the U.S. Geological Survey.

I am now writing a review of the Triassic and Jurassic rocks of North America, for one of a series of reviews to embrace all the whole of North American geological history. While writing the review, I found that it would be exceedingly convenient to have a special and distinct name for the rocks commonly designated as Triassic or Jurassic on the Atlantic coast. Finally I adopted the name Newark System, proposed by Phillips in 1858.

I am, you will perhaps, a copy of a little paper which has just appeared in the American Geologist, proposing the adoption of this name. I trust you will approve of the choice.

I wish to ask if the hypothesis of contemporaneous or overflow trap sheets, established by W.M. Davis, in the Connecticut Valley can be applied to Nova Scotia. Can the Amygdaloid in Blomidon, etc., be an overflow, while the compact columnar trap resting on it is a subsequent intrusion. Are there any remnants of an amygdaloid sheet on the west slope of the Blomidon trap: I should be very glad if I could get more light on these questions.

I remain, very respectfully

J. C. Russell

J. C. Russell
2/23/02

I wish to ask if the hypothesis of contemporaneity on overflow
trap sheets, established by W.M. Davis, in the Connecticut Valley can be
applied to Nova Scotia. Can the Ancestral in Nova Scotia, be an
overflow, while the compact columnar trap resting on it is a subsequent
intrusion. Are there any remnants of an ancestral sheet on the west
slope of the Humber trap: I should be very glad if I could get some
light on these questions.

I remain, very respectfully,
S. C. Russell

Russell
Mar 1/89