

SCIENCE  
41 EAST 49<sup>TH</sup> STREET,  
NEW YORK.

Garrison-on-Hudson, N.Y. Feb. 15. 1895.

Sir. G. W. Dawson  
McGill College, Montreal.

Dear Sir:-

I thank you for your letter and for your consent to contribute to SCIENCE.

A journal, such as SCIENCE aims to be, aids materially in the advancement of science in America and at the present time. We have no one centre such as London or Paris- where men of science are stimulated by personal contact and the interchange of ideas, and the great physical distances make social intercourse difficult or impossible. Then at the present time it is of especial importance for men of science working in one department to be informed of what is being accomplished in others. In order that science may advance as a whole, specialization by each requires co-operation by all.

A weekly journal covering all the sciences is almost a necessity; but it can only be conducted efficiently- indeed can only exist at all- with the active aid and assistance of those who are contributing to the advancement of science. The number is not not so great but that each of us may feel a personal responsibility.

I think we should all agree as to what is needed. Special

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researches should as a rule be published in the special journals. but the general results of such work - either before or after the detailed publication, should be reported in SCIENCE. Papers and addresses giving the recent progress and present condition of the several sciences and their branches are needed. Such addresses are often prepared for a special audience, and their usefulness is much increased by publication in a journal such as SCIENCE. Authoritative reviews of new books are needed, not perhaps minute criticism of detail, but such account and criticism as will inform those who are not specialists in the given department of which the book contributes to the sum of knowledge. Notes, especially series of notes, concerning work in a given branch of science are particularly useful, <sup>personal &</sup> other items of news are very important.

Discussion both of scientific problems and of educational methods, scientific institutions and the like are particularly needed. In all these cases it is evident that a journal appearing frequently and reaching a large number of men of science working in different departments is the proper place of publication.

Hoping that you will be able in these different directions to contribute to the work of the journal.

Very Truly Yours,

J. M. K. Cattell

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*J. Van R. Cottrell*

*W. W. R. S. 1/19/95*

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