

# SCIENCE

A Weekly Journal devoted to the Advancement of Science, publishing the official notices and proceedings of the American Association for the Advancement of Science, edited by J. McKeen Cattell and published every Friday by

## THE SCIENCE PRESS

11 Liberty St., Utica, N. Y. Garrison, N. Y.

New York City: Grand Central Terminal

Annual Subscription, \$6.00

Single Copies, 15 Cts.

Entered as second-class matter January 21, 1922, at the Post Office at Utica, N. Y., under the Act of March 3, 1879.

VOL. LV APRIL 21, 1922 No. 1425

<i>The American Association for the Advancement of Science:</i>	
<i>Report of the Secretary of the Committee on Grants for Research:</i> PROFESSOR JOEL STEBBINS .....	409
<i>The Elementary Course in Genetics:</i> PROFESSOR C. B. HUTCHISON.....	416
<i>Lamarck, Mirbel and the Cell Theory:</i> PROFESSOR JOHN H. GEROULD.....	421
<i>Scientific Events:</i>	
<i>Disintegration of Elements; A Research Fellowship in Bacteriology; The Culture Collection of the Society of American Bacteriologists; Station for the Study of Deciduous Fruits at Stanford University; The American Physical Society.....</i>	422
<i>Scientific Notes and News.....</i>	424
<i>University and Educational Notes.....</i>	427
<i>Discussion and Correspondence:</i>	
<i>Devonian Plants:</i> PROFESSOR G. R. WIELAND. <i>The Effect of Alkali on the Digestibility of Cellulosic Materials:</i> DR. HAROLD HIBBERT. <i>Butyl Alcohol as a Reagent in Histology:</i> DR. GEORGE W. MARTIN. <i>Genetics of the Vienna White Rabbit:</i> PROFESSOR W. E. CASTLE. <i>University Professors in Poland:</i> DR. VERNON KELLOGG....	427
<i>Quotations:</i>	
<i>"The Scientific Side".....</i>	430
<i>Scientific Books:</i>	
<i>Mortensen on Development and Larval Forms of Echinoderms:</i> PROFESSOR HUBERT LYMAN CLARK.....	431
<i>Special Articles:</i>	
<i>A Bacterial Wilt of the Bean caused by Bacterium flaccumfaciens nov. sp.:</i> FLORENCE HEDGES. <i>Peripheral Circulation in Muscle Injury Shock:</i> DR. McKEEN CATTELL .....	433
<i>The Louisiana Entomological Society:</i> T. E. HOLLOWAY .....	436

## THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

### REPORT OF THE SECRETARY OF THE COMMITTEE ON GRANTS FOR RESEARCH

To the Executive Committee of the Council, American Association for the Advancement of Science.

Gentlemen:

In accordance with your request I submit the following report of the Committee on Grants for Research, this being a summary of the activities of the committee during the five years since its organization.

By the settlement of the Colburn estate in 1916 the association received cash and securities valued at about \$76,000, bequeathed by Richard T. Colburn, a fellow of the association, the income of which is to be devoted "to original research in the physical and psychic demonstrable sciences." The association had accumulated a fund of about \$25,000, mainly from the fees of fellows, life members, and members. The income from these funds being available for grants for research, the sum of \$4,000 was, at the New York meeting of the association, on the recommendation of the treasurer, set aside for this purpose by the council, to be expended during the year 1917.

At the same time a Committee on Grants for Research was appointed, consisting of seven members under the chairmanship of Edward C. Pickering. These members, as well as their successors, were chosen so as to represent as far as possible the different sections of the association. At the meeting of the association in December, 1918, the committee was enlarged to include nine members, while a year later, with the adoption of the new constitution of the association, the number was changed to eight, the term of each member to be four years, with the arrangement of rotation so that two members should be succeeded by new appointees