Botanic Gardens in Science and Education: DR. C. STUART GAGER .................................................. 393

Obituary:
William Harding Longley: PROFESSOR RALPH E. CLELAND. Recent Deaths and Memorials .................. 400

Scientific Events:
The Department of Health at Yale University; Reorganization of the Department of Forestry at Cornell University; Special Summer Program of Spectroscopy and Its Applications at the Massachusetts Institute of Technology; The Meeting of the American Electrochemical Society at Philadelphia; The Research Foundation of the Ohio State University ........................................ 401

Scientific Notes and News .................................................. 404

Discussion:

Reports:
The Banting Research Foundation: DR. V. E. HENDERSON and D. T. FRASER ........................................ 408

Special Articles:
New Records in Human Power: S. ROBINSON, H. T. EDWARDS and DR. D. B. DILL. The Differentiation of Pancreatic Trypsins on the Basis of Their Specificities: DR. MAX BERMANN, JOSEPH S. FRUTON and HEINZ POLLOK .................................................. 409

Scientific Apparatus and Laboratory Methods:

Science News ................................................................. 8

SCIENCE: A Weekly Journal devoted to the Advance-ment of Science, edited by J. McKeen Cattell and published every Friday by

THE SCIENCE PRESS
New York City: Grand Central Terminal
Lancaster, Pa. Garrison, N. Y.
Annual Subscription, $6.00 Single Copies, 15 Cts.

SCIENCE is the official organ of the American Association for the Advancement of Science. Information regarding membership in the Association may be secured from the office of the permanent secretary, in the Smithsonian Institution Building, Washington, D. C.

BOTANIC GARDENS IN SCIENCE AND EDUCATION

By C. STUART GAGER
DIRECTOR, BROOKLYN BOTANIC GARDEN

One could hardly expect to find an intellectual cli-

mate more salubrious for discussing things botanical

and horticultural than that of the environs of Swarth-

more. It is located in the only state of our union that

has any reference to plant life in its name.

Whether it was something in the name, "Penn's

Woods," or something in the blood of the early set-

ters—or a combination of both—I am unable to say,

but the fact remains that botanic gardens and arbo-

retums just naturally came into being in this region

like mushrooms after a rain, springing up here and

t here over a period of some 200 years.

The Rosicrucians apparently came first with their

medicinal plant garden on the banks of the Wissa-

hick in the very first years of the eighteenth century.

Then came, in succession, the botanic garden of Chris-

topher Witt in Germantown, in 1708; Bartram's

famous garden in 1728; Humphrey Marshall's garden

at West Bradford in 1773; John Evans's arboretum,

near Bryn Mawr, in 1828; the Painter Arboretum,

established by Minshall Painter and his brother about

1835; William Darlington's arboretum, laid out as

part of the public park at Westchester, about 1850;

the old botanic garden of the University of Pennsyl-

vania, initiated by Professor McFarland in 1892; and

then the Arthur Hoyt Scott Foundation here at

Swarthmore, beginning in 1928 and antedating by

four years the Morris Arboretum in Philadelphia,

which is the youngest offspring of botanical interest

in this region.

1 Founder's Day address, delivered at Swarthmore Col-

lege on October 31, 1936.
85 (2208)

Science 85 (2208), 393-412.