

AGRICULTURAL EXPERIMENT STATION

OF THE

NORTH CAROLINA COLLEGE OF AGRICULTURE AND MECHANIC ARTS

C. B. WILLIAMS, Director

DEPARTMENT OF PLANT DISEASE

F. L. STEVENS
J. G. HALL
P. L. GAINES

WEST RALEIGH, N. C., August 11, 1910.

Dr. P. A. Saccardo,
Padua, Italy.

Dear Sir:-

Since sending you the material Rolfs' Sclerotium, Prof. Rolfs has written to Dr. Stevens and given him the following hosts for the fungus:

Tomato,	Peppers,	Beets,
Irish potato,	Rhubarb,	Peanuts,
Eggplant,	Beans,	English violets,
Cowpeas,	Sweet potatoes,	Hydrangia,
Figs,	Watermelons,	<u>Desmodium molle</u> (beggar-weed),
Cantaloupes,	Summer squash,	Cabbage,
<u>Dahpne odora,</u>	<u>Brachtites hieracifula,</u>	
Chrysanthemums,	<u>Erigeron Canadense,</u>	
<u>Ambrosia trifida,</u>	<u>Amaranthus retroflexus,</u>	
<u>A. spinosus.</u>		

I am also enclosing a specimen of the fungus upon Irish potato. I think this may be of interest in the publication of the new name as it gives a number of hosts.

Yours very truly,

F. L. Stevens
per J. G. H.

UNIVERSITY OF FLORIDA

(COPY).

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Beets,

GAINESVILLE

Cabbage,

Peanuts,

Turnips,

English violets,

Chrysanthemums,

Hydrangeas,

July 29, 1910.

Antirrhinum,

Desmodium illinoense (bush clover),

Professor F. L. Stevens,

Agricultural Experiment Station,

West Raleigh, N. C.

Dear Prof. Stevens:-

Under another cover I am forwarding to you some specimens of Rolfs' Sclerotium grown on Irish potato plants. I regret that I did not give this Sclerotium a name as soon as I found out that it had none. The Sclerotium resembles that of some of the Penicilliums very closely and I suspect that when the spore form is found it will belong somewhere near the Penicilliums, if not in the genus. I have repeatedly mistaken Penicillium for this one and could only be certain that it was not the right one by trying it as a parasite.

The following cultivated plants and weedy are more or less affected by it. As a matter of fact under certain conditions unusually unfavorable to the plant, all of them would be affected by it.

Tomato,

Peppers,

Irish potato,

Rhubarb,

Eggplant,

Beans,

Cowpeas,

Sweet potatoes,

Figs,

Watermelons,

Cantaloupes,

Summer squash,

Beets,

Peanuts,

English violets,

Hydrangia,

Desmodium molle (beggartweed),

Erachites hieracifula,

E rigeron Canadense,

Amaranthus retroflexus,

A. spinosus.

Cabbage,

Dahpne odora

Chrysanthemums

Ambrosia trifida

There are a number of other plants that are more or less attacked by it. In addition to these it occurs saprophytically upon a great many different kinds of decaying vegetable matter.

Very truly yours,

(Signed) P. H. Rolfs,

Director.