

Resource Summary Report

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Boyce Thompson Institute for Plant Research

RRID:SCR_010716

Type: Tool

Proper Citation

Boyce Thompson Institute for Plant Research (RRID:SCR_010716)

Resource Information

URL: <http://bti.cornell.edu/>

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Description: BTI is unique in being a private, not-for-profit research institute dedicated to plant biology, and located on a major university campus. Its mission is to advance and communicate scientific knowledge in plant biology to improve agriculture, protect the environment, and enhance human health. The institute was founded in Yonkers, New York, next to the home of its benefactor, William Boyce Thompson. In the mid-1970's, however, it was recognized that a physical presence on a university campus would catapult the institute to a higher level of research, and the Cornell affiliation was born. BTI hires its own faculty, postdoctoral scholars and technicians, but also hosts undergraduate and graduate researchers from Cornell. BTI faculty generally have adjunct appointments at Cornell, and participate in graduate training and other university affairs. As envisioned in the Agreement of Affiliation, the partnership is advantageous for both parties, and contributes to a singularly strong environment for fundamental plant research on the campus. William Boyce Thompson founded BTI in 1924 on the premise that basic plant research leads to real benefits for people. Many potential applications of BTI research are to improve crops by increasing yield or nutritional content, or decreasing the need for harmful fertilizers and pesticides. Other research could lead to inexpensive plant-made vaccines, or even shed light on the human immune system. With aims like these in mind, scientists at BTI study life at the scale of genes and proteins to learn about processes such as how plants detect light, or how they respond when aphids bite into them. Along with research, BTI's mission includes environmental responsibility and outreach to teachers, students, and community members. Though it remains an independent, non-profit institution, BTI is affiliated with Cornell University and is located on its Ithaca, New York campus.

Abbreviations: BTI

Synonyms: Boyce Thompson Institute

Resource Type: topical portal, data or information resource, portal

Resource Name: Boyce Thompson Institute for Plant Research

Resource ID: SCR_010716

Alternate IDs: nlx_89613

Record Creation Time: 20220129T080300+0000

Record Last Update: 20260801T190416+0000

Ratings and Alerts

No rating or validation information has been found for Boyce Thompson Institute for Plant Research.

No alerts have been found for Boyce Thompson Institute for Plant Research.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.