

**Biotron** is a facility for studying the effects of various environmental factors on plants.

It mainly consists of built-in glasshouses and cabinets (sunlight- and artificial light-types).



National Institute for E



## **Plant materials:**

- Mangroves
- <u>Rice</u>

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- Beech
- Morning glory
- Arabidopsis...





In various types of cabinets, environmental factors, such as temperature, humidity, light intensity, and air composition, can be controlled.





a gene encoding a phytocyanin in Arabidopsis. <sup>1</sup>Saji S. *et al.* (2008) Plant Cell Physiol. 49, 2-10. <sup>2</sup>Saji S. *et al.* (2017) Plant Cell Physiol. 58, 914-924

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