

# **Parasitic fungi on selected invasive weeds**

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## **Abstract**

This thesis deals with the invasive plant species problems and their pathogens in the Czech Republic. Special attention is given to weed species colonizing the agroecosystems. The modes and consequences of plant invasions are presented in theoretical part. Practical part includes a list and descriptions of found parasitic fungal pathogens colonizing selected invasive weeds. Moreover, this thesis can be used for educational purposes. In the last part, fungal pathogens of weeds and their use as potential agents in the biological control are discussed.

## **Keywords:**

invasive plants, invasion, weeds, biological control, fungal pathogens, parasitic fungi