

Theme: Biological interactions among weeds, endophytes, and seed predators in agroecosystems

Purpose:

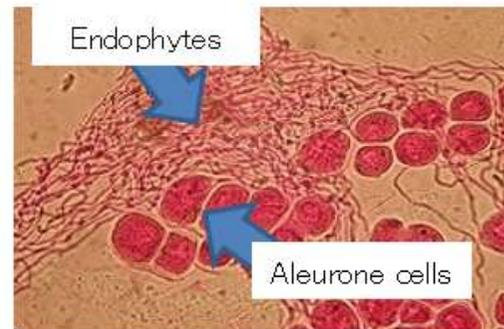
- (1) Elucidation of ecosystem service of weed seed predation by seed predators on farmlands
- (2) Elucidation of biological interactions among weeds, endophytes, and seed predators

Achievement:

- (1) Proper evaluation of the ecosystem service of weed seed predation
- (2) Elucidation of the impact of the symbiotic relationship between weeds and endophytes on weed population dynamics, etc.
- (3) Development of weed damage reduction technology



Paddy levees infested with Italian ryegrass



Endophytes living in the inner tissues of plants



A cricket feeding on seeds of Italian ryegrass