Department of Agrobiological Resources

Professor Masayoshi Uefune

Applied Entomology, Laboratory Works in Entomology, Statistics of Agricultural Science, Experiments in Biology

Advanced Seminar in Plant Protection and Biodiversity.

Advanced Experiments in Plant Protection and Biodiversity

Laboratory Works in Agrobiological Resources, Introduction to

Agrobiological Resources, Seminal I & II, Advanced Entomology,

STAFF

TEACHING

Laboratory of Entomology



Masayoshi Uefune

Professor



Professor Kenzo Yamagishi



Professor Kenzo Yamagishi

Fundamental Entomology, Laboratory Works in Entomology, Zoological Systematic and Morphology, Experiments in Biology, Laboratory Works in Agrobiological Resources, Introduction to

Agrobiological Resources, Seminal I & II, Advanced Entomology, Advanced Seminar in Plant Protection and Biodiversity,

Advanced Experiments in Plant Protection and Biodiversity

Recent publications: Yoshida K, Uefune M, Ozawa R, Abe H, Okemoto Y, Yoneya K, Takabayashi J (2021) Effects of prohydrojasmon on the number of infesting herbivores and biomass of field-grown Japanese radish plants. Frontiers in Plant Science, 12: 695701. Uefune M, Yoneya K, Yamamoto M, Takabayashi J (2021) The use of synthetic herbivory-induced plant volatiles that attract specialist parasitoid wasps, *Cotesia vestalis*, for controlling the incidence of diamondback moth larvae in open agricultural fields. Frontiers in Ecology and Evolution, 9: 702314. Uefune M, Abe J, Shiojiri K, Urano S, Nagasaka K, Takabayashi J (2020) Targeting diamondback moths in greenhouses by attracting specific native parasitoids with herbivory-induced plant volatiles. Royal Society Open Science, 7: 201592. Abe J, Uefune M, Yoneya K, Shiojiri K, Takabayashi J (2020) Synchronous occurrences of the diamondback moth (Lepidoptera: Plutellidae) and its parasitoid wasp *Cotesia vestalis* (Hymenoptera: Braconidae) in greenhouses in a satoyama area. Environmental Entomology, 49: 10-14. Rim H, Uefune M, Ozawa R, Takabayashi J (2018) Parasitoid wasps *Cotesia tenuis*, induces gender specific plant volatiles to which conspecific males and females respond differently. Arthropod-Plant Interactions 12: 495-503. Yoneya K, Uefune M, Takabayshi J (2018) Parasitoid wasps' exposure to host-infested plant volatiles that attract the larval parasitoid *Cotesia vestalis*. Arthropod-Plant Interactions, 11: 235-239. Uefune M, Nakashima Y, Takabayashi J, Urano S, Kugimiya S, Shimoda T (2016) Offering honey containing a selective insecticide as food for pests and parasitoids: another effective use. Journal of Applied Entomology, 140: 796-800.