

# Japan Geoscience Union Meeting 2011

(May 22-27 2011 at Makuhari, Chiba, Japan)

©2011. Japan Geoscience Union. All Rights Reserved.



---

HCG035-05

Room:104

Time:May 22 11:55-12:10

## Insect tolerance to severe environments

Shigeru Matsuyama<sup>1\*</sup>

<sup>1</sup>Life & Env. Sci., Univ. of Tsukuba

Insecta is the most diverse group of animals on the planet, which represents more than 75% of all known living organisms, and includes 850,000 to 1,000,000 described species. Likewise, you can find numerous insects in most terrestrial environments. Insects can be found in grasslands, forests, freshwater streams, lakes, the Arctic and deserts.

In this presentation, I'd like to introduce the examples of insect tolerance to severe environments such as harsh temperature (heat, cold), dryness (desiccation), less oxygen and so on.

Keywords: insects, severe environments, tolerance