

所属 : Laboratory of Ecological and Systematics, Graduate School of Science, 3rd Year.

担当教員 : Professor Dr. Kazumi Tanida

The 4th Symposium of The Aquatic Entomology Societies in East Asia (AESEA)

Place: Khon Kaen, Thailand

Date: Jan. 5th-8th, 2009

Oral Presentation Title: “ Leaf Patches Characteristics and Macroinvertebrate Assemblages In Three Mountain Streams Different In Land Use (Yoshino River, Central Japan) ”

【発表内容】

(※ 発表内容のアブストラクトを別紙に記載しています。)

The content of my presentation is to reveal the effect of watershed conditions and land usages on stream environments and biotic communities. The first step was to examine whether litter patch types could be different by their location within riffle and stream pools (middle, edge and alcove) between three sites different in land uses at Yoshino River. We also compared the macroinvertebrate assemblages in litter patches between three sites. We conducted a series of field researches in three sites of Yoshino River namely Shigo Stream (NT) which represented stream flows through natural forest, Hiura Stream (PL) which flows through a replantation forest and Ogawa Stream (PR) which flows through partly residential areas. We found that broad deciduous leaves were dominated in NT stream scarcely with Japanese Cedar, while in the PL stream Japanese Cedar were dominant. Both streams recorded high number of *Paraleptophlebia* sp. In PR stream patches were dominated by reeds and high abundance of *Amphinemura* sp. The leaf patches in three sites were varied in amount and kind of leaves, which were affected by riparian vegetation.

【Report】

The 4th Symposium of the Aquatic Entomology Societies in East Asia (AESEA) was successfully held from January 5th to 8th 2009 in Khon Kaen, Thailand. I presented my paper during Oral Session III on the second day of the symposium for about 20 minutes.



感想

This symposium included 3 invited lecturers, 22 oral and 40 poster presentations which contributed by researchers from Austria, China, Croatia, Germany, Japan, Korea, Laos, Singapore, Thailand, Vietnam, USA and Taiwan. Through three days meeting, I was able to share and exchange ideas and scientific knowledge experiences with other aquatic entomologists. I was impressed very much to have the chance to meet a lot of researchers at this international symposium. Moreover, this symposium definitely created my international linkages, strengthen the relationship and close international collaborations among other fellow aquatic entomologists around the world. I would like to express my sincere gratitude to the main organizer of the symposium which has contributed in so many ways to turn this symposium into a smoothly running meeting and good atmosphere for discussions and networking.

