

Student projects carried out on TBA courses in Borneo are listed under the following headings. Within each category projects are chronological, then alphabetical by title.

|                                        |          |
|----------------------------------------|----------|
| <b>Ecology</b>                         | <b>1</b> |
| <b>Herpetofauna</b>                    | <b>1</b> |
| <b>Invertebrates</b>                   | <b>1</b> |
| <b>Plant, Fungi and Forest Ecology</b> | <b>2</b> |

## **ECOLOGY**

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Acoustic niche segregation: Does it happen at Danum Valley? (2010)

Habitat selection by two size classes of fish and shrimp in the Tambun stream in Danum Valley (2011)

## **HERPETOFAUNA**

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Adjustment of tree-hole frog (*Metaphrynella sundana*) calling characteristics in relation to tree-hole properties in the field (2009)

Microhabitats of co-occurring tree frogs (*Polypedates* and *Rhacophorus*) around ponds of Danum Valley Field Centre, Sabah, Malaysia (2009)

Tree hole frog (Microhylidae: *Metaphrynella sundana* Peters): habitat utilisation and density (2009)

Interactions between males of tree hole frogs (*Metaphrynella sundana*) in Danum Valley Field Centre area (2010)

Species richness and microhabitat preferences of frog species in Danum Valley Conservation Area (2010)

Influences of environmental factors on Rough Guardian Frog (*Limnonectes finchi*) tadpole abundance in the streams of Danum Valley Conservation Area (2011)

Spacing and aggressive behaviour in the Yellow-bellied Puddle Frog (2011)

## **INVERTEBRATES**

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The acoustic landscape and cicada call patterns in Danum Valley (2009)

Blood suckers in our midst: Leech (Haemadipsidae) abundance on forest trails and off-trails in the Danum Valley Conservation Area, Sabah, Malaysia (2009)

Diversity and interaction of dragonflies in Danum Valley Field Centre (2009)

A positive relationship between ant biodiversity and predatory function across a disturbance gradient in a SE Asian rain forest (2009)

- The recruitment time of ant species in forested and edge habitats at Danum Valley (2009)
- Differences in fruit feeding beetle communities through the canopy of a primary lowland forest in Malaysia (2010)
- Ecosystem engineers: Earthworms in tropical forests: A study from Danum Valley, Malaysia (2010)
- Invertebrate drift in the Tambun stream in Danum Valley (2010)
- Leech hide and seek: How leech awareness of hosts changes with environment and moisture levels (2010)
- Do ants protect *Korthalsia furtadoana* J. Dransf. against herbivory? (2011)
- Ecology of water striders (family Gerridae) at puddles in Danum Valley Field Centre (2011)
- Foraging ants on the forest floor (2011)
- Foraging and recruitment behaviour of *Camponotus gigas* in a Dipterocarp Forest in Danum Valley, Sabah, Borneo (2011)
- On the prowl: Why do different ant species use floral and extra floral resources on *Senna alata*? (2011)

## **PLANT, FUNGI AND FOREST ECOLOGY**

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- Ecology of *Pterospermum stapfianum* (2009)
- The effect of microclimate in Borneo rains forest on macrofungal communities (2009)
- The effect of plant density on insect herbivory in two plant species (*Melastoma malabathricum* and *Clidemia hirta*): A comparison of native and invasive species in Danum Valley Conservation Area (2009)
- The effect of seedling density of a shade-tolerant species, *Mallotus miquelianus* (Euphorbiaceae), on herbivory in the tropical rainforest in Danum Valley Conservation Area, Malaysia (2009)
- Ant predation and herbivore damage on *Mallotus lackeyi* (Euphorbiaceae) in a lowland dipterocarp forest in Borneo (2010)
- Different gradients and its influence to recruit of seedlings in primary forest in Danum Valley (2010)
- Do epiphytes reach the sky? A study on vertical stratification of *Asplenium* and *Drynaria* on *Parashorea* spp. in Danum Valley (2010)
- Pollination biology and fruit dispersal of *Alocasia sarawakensis* (M.Hotta) Araceae in a lowland rainforest in Borneo (2010)
- Seed dispersal ability of *Dryobalanops*, *Dipterocarpus*, *Shorea* and *Parashorea* of Danum Valley Field Station, Sabah (2010)
- Antiherbivory strategy by red young leaves of rainforest tree seedlings (2011)
- Does nectar production in *Musa beccari* show adaptations to bird pollinators? (2011)

**Index to abstracts of student project reports: Borneo courses since 2009**

The pollination ecology of *Globba pendula* Roxb. (Zingiberaceae) in Danum Valley, Sabah, Malaysia (2011)

Is reproductive success in *Calanthe zollingeri* (Rchb.f. 1857) related to distance from the water body and canopy openness? (2011)