



The Flying Beauty: Dragonflies and Damselflies of Malaysia

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Various local names of dragonflies and damselflies:

Malaysia: Papatung, Papatung Jarum

Kelantan: Ttuyuh, Pok Ide, Pok-e-deng, Puting Beliung

Perak: Cakcibor

Johor/Pahang: Sibu-sibu, sesibu

Sabah: Krigenting, Tompo Riu Riu

Other name: helicopter

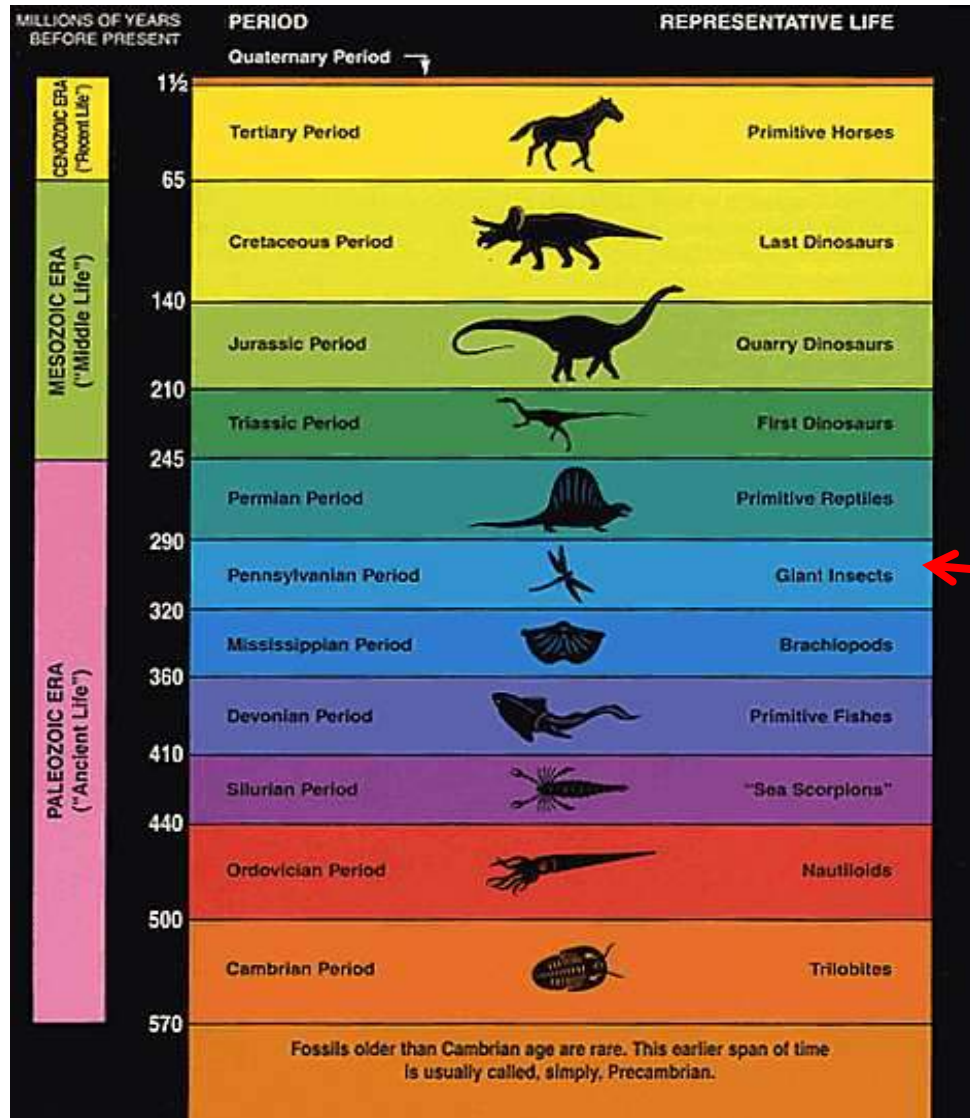


Dragonflies & Damselflies

- **Insects with 2 pairs of membranous wings, slender body and a pair of short antenna.**
- **Aquatic insects.**



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Dragonflies and damselflies known as Odonata are a group of beautiful insects which have long existed the earth (fossil 300 million years old).

← Fossil of dragonfly





It is divided into three suborders:

Anisoptera (dragonflies) [pepatung]

Zygoptera (damselflies) [pepatung jarum]

Anisozygoptera (*Epiophlebia laidlawi* & *E. superstes*)



Dragonfly and damselfly are distinguished by:

Eyes – separated or touching

The position of wings at rest

Size and shape of forewings and hindwings



Eyes – separated or touching each other



Damselfly (separated)



**Dragonfly (touching
each other)**



The position of wings at rest



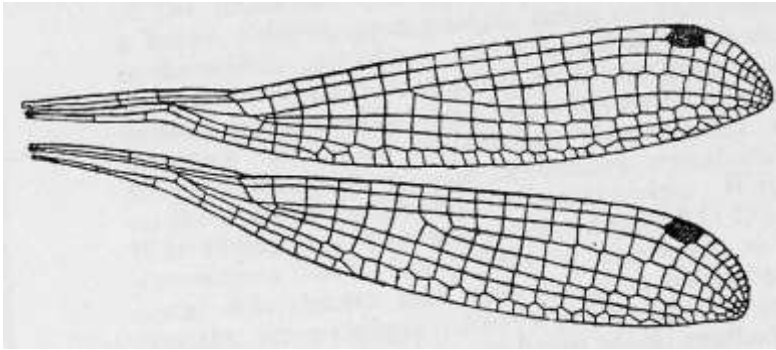
damselfly



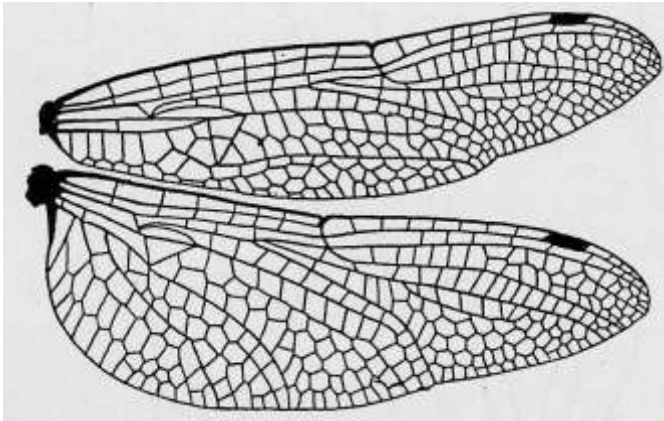
dragonfly



Size and shape of forewings and hindwings



damselfly



dragonfly



Importance

- Bioindicator for water quality
- Biological control for pest insects
- Larvae (rich in protein) as source of food
- Ecotourism: dragonfly watching





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Habitats

**Rivers, lakes, ponds, streamlets, canals,
drains, waterfalls, swamps, marshes,
paddy fields, tree holes etc..**





Life Cycle

Air/Terrestrial



**2 weeks –
8 months**

Aquatic



**2 weeks –
7 years**



Larvae





Larval Emergence





Exuviae



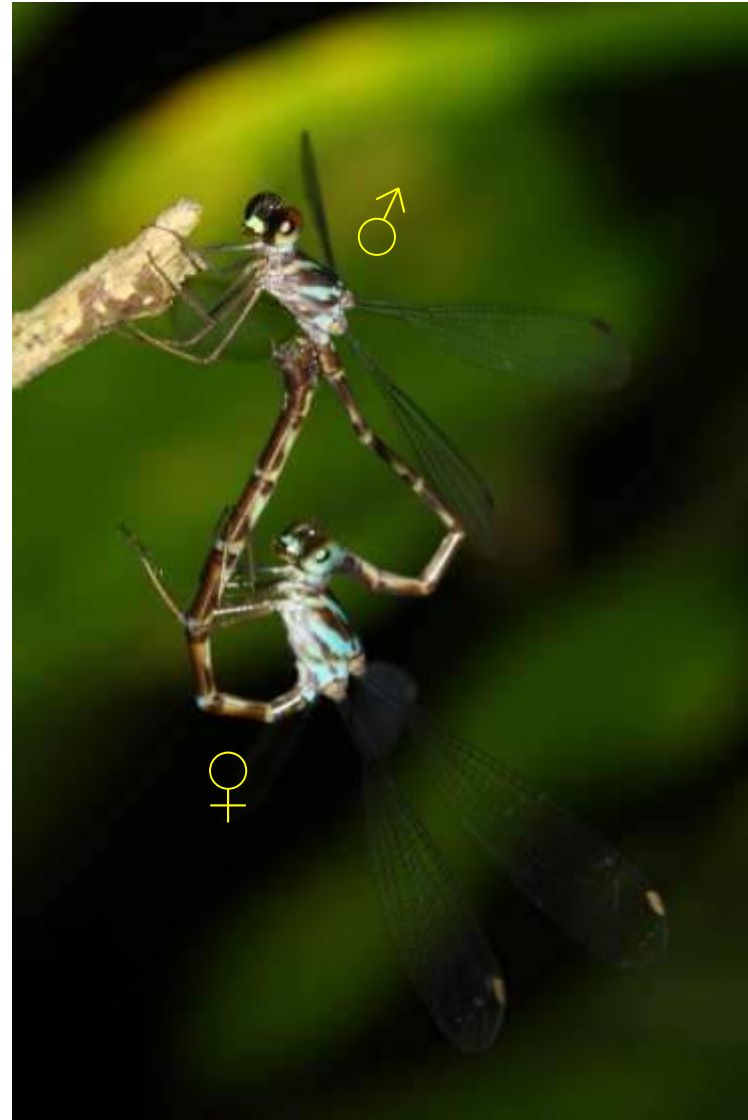
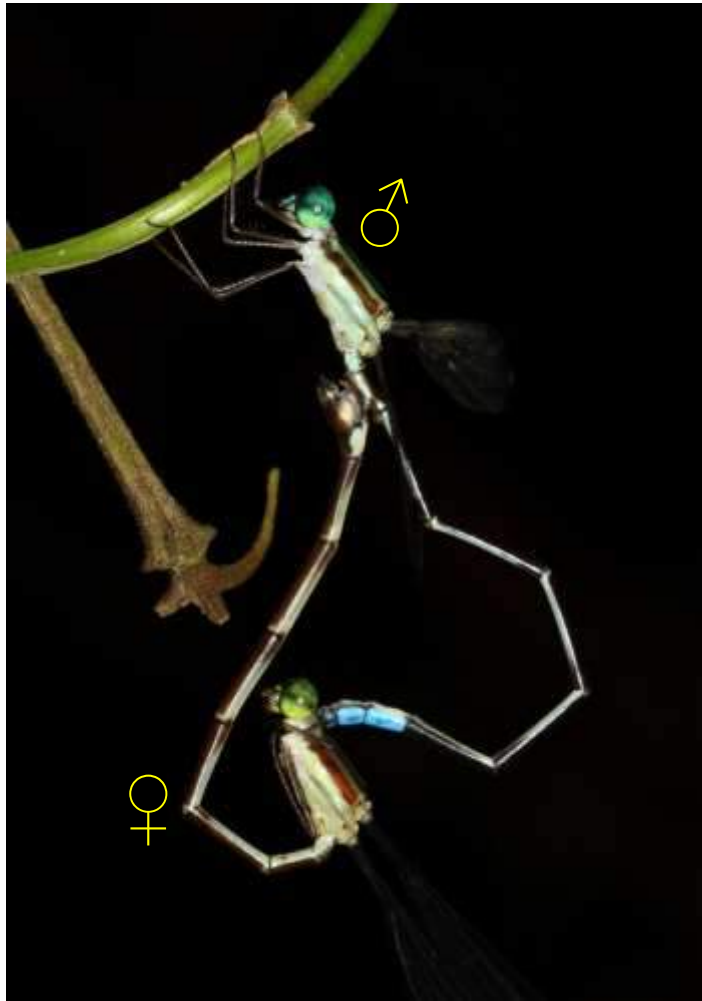


Mating - Dragonfly





Mating - Damselfly





Egg laying





Egg laying

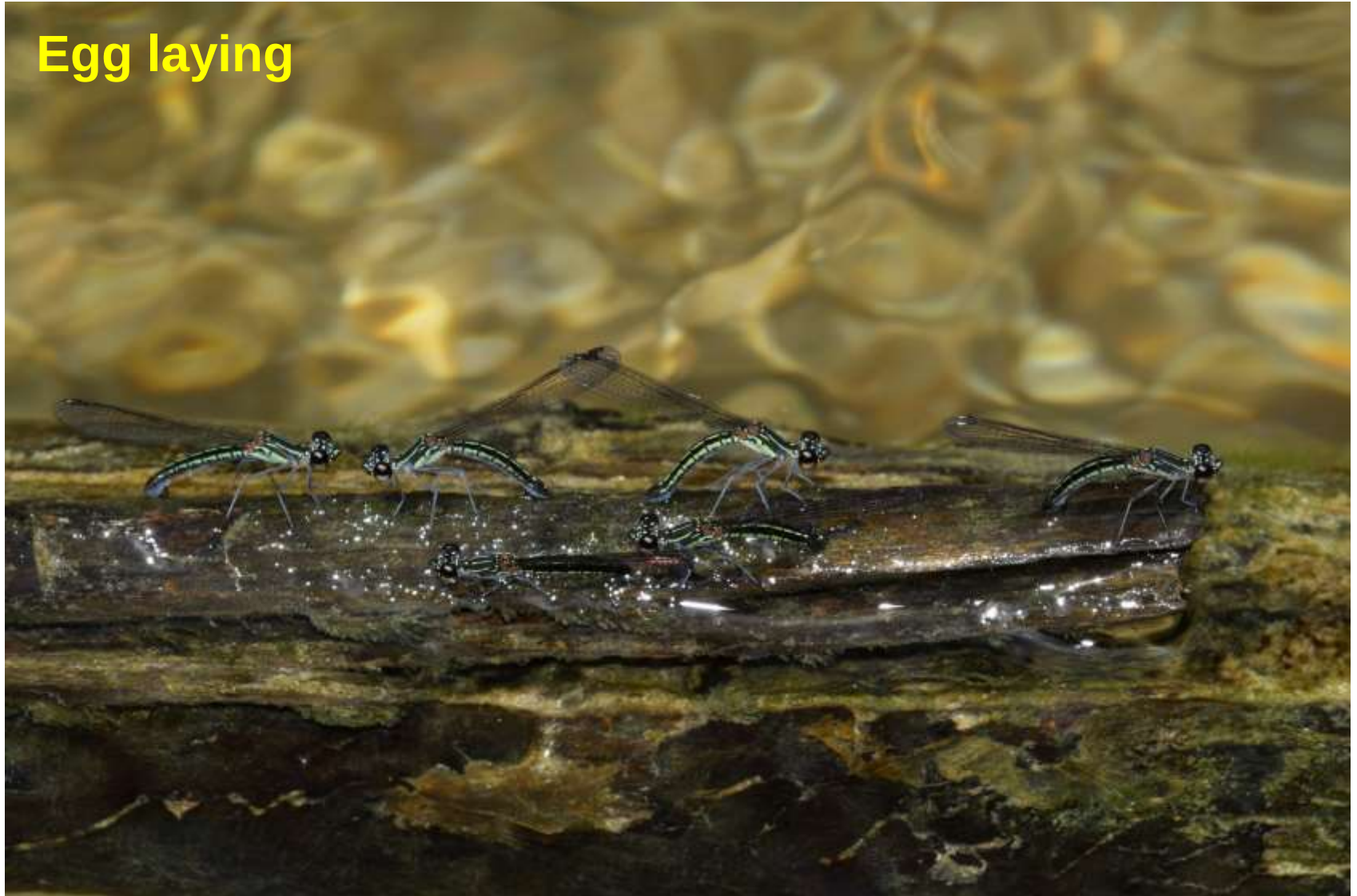




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Egg laying





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Egg laying





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Territorial fighting





Number of species:

~6000 species throughout the world

Malaysia: >400 species

Peninsular Malaysia: >250 species



Neurobasis chinensis [Green Metalwing]



Vestalis amethystina [Common Flashwing]



Heliocypha perforata [Blue Jewel]



Calicnemia rectangulata



Drepanosticta pan [Pan Shadowdamselfly]



Copera vittata [Variable Featherlegs]



Euphaea ochracea [Ochraceous Darkie]



Ictinogomphus decoratus [Common Flangtail]



Microgomphus chelifer [Tiny Sheartail]



Acisoma panorpoides [Trumpet Tail]



Trithemis festiva [Indigo Dropwing]



Trithemis aurora [Crimson Dropwing]



***Orthetrum testaceum* [Scarlet Skimmer]**



***Orthetrum sabina* [Variegated Green Skimmer]**



Crocothemis servilia [Common Scarlet]



Neurothemis fluctuans [Common Parasol]



Rhyothemis triangularis [Sapphire Flutterer]



Rhyothemis plutonina [Greater Blue Wing]



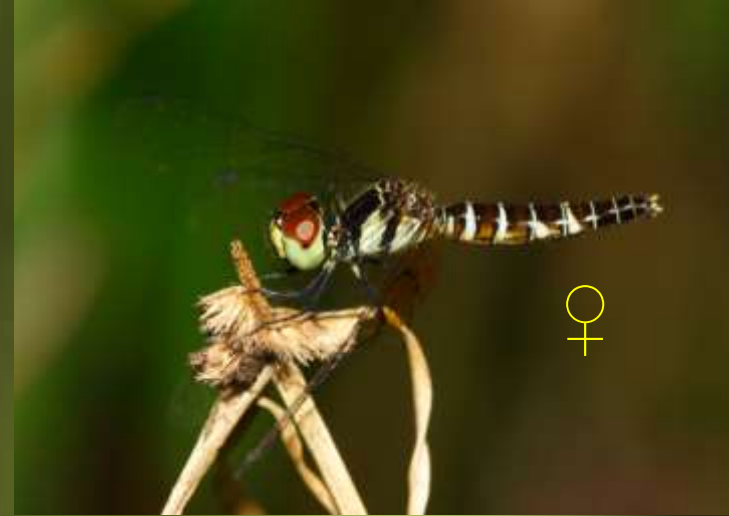
***Neurothemis tullia* [Pied Paddy Skimmer]**



***Gynacantha basiguttata* [Spoon-tailed Duskhawker]**



Tetracanthagyna plagiata [Giant Hawker]



Nannophya pygmaea [Scarlet Pygmy]



***Agriocnemis femina* [Variable Wisp]**



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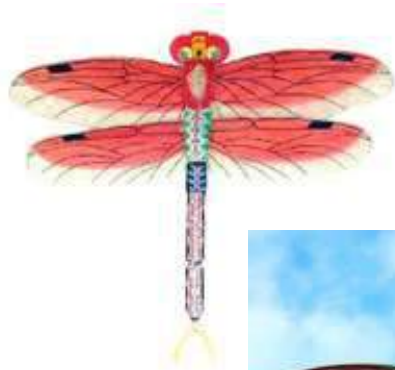


Preyed....





Dragonfly as a source of inspiration



Kites



Jewelries



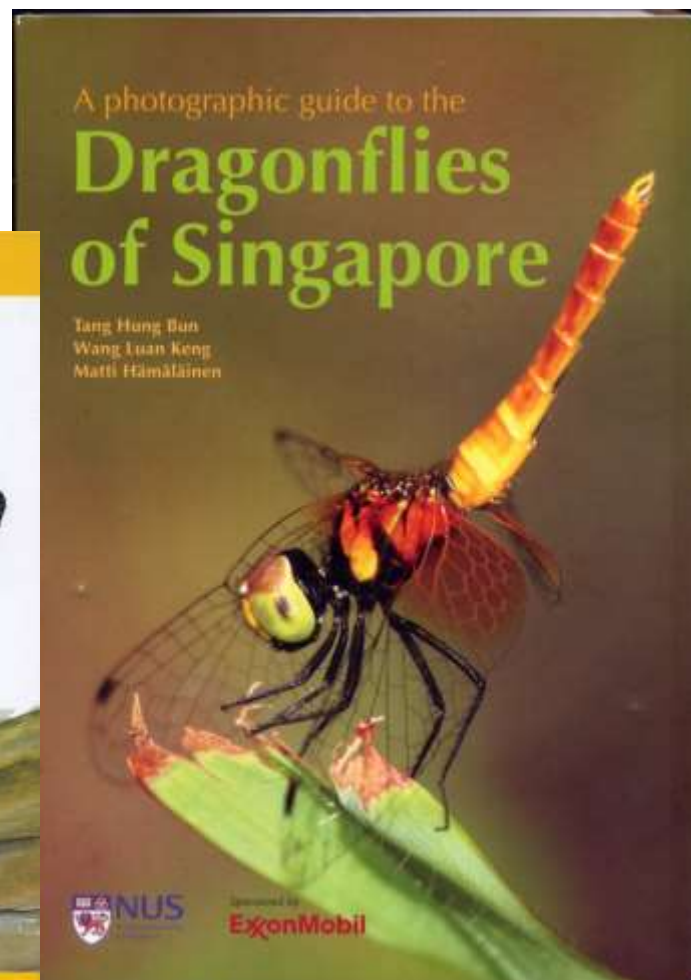
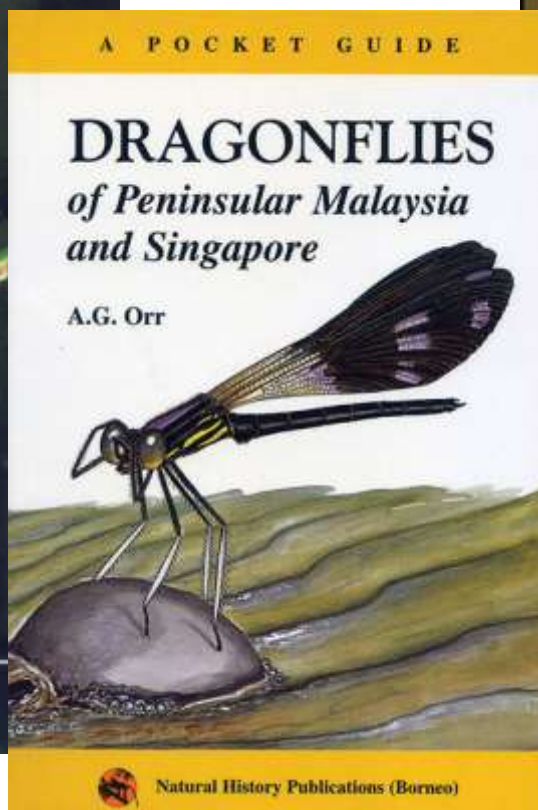
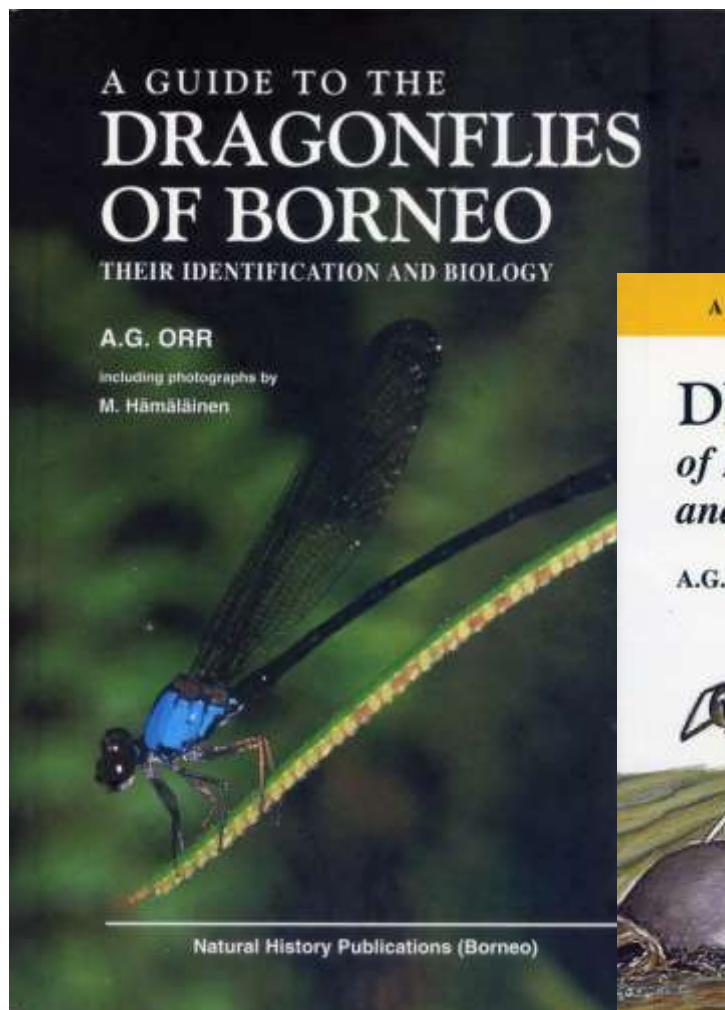
Paintings



Handicraft



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ANCIENT CREATURES

Dragonflies and Damselflies of Malaysia
Malaysia Biodiversity Information System (MyBIS)

Chee Yen Choong, Yasser Mohamed Arifin & Nurfarhana Hizan Hijas

69 dragonfly and 73 damselfly

154 photos

Larval Emergence

Visit www.mybis.gov.my

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59108

Rhyothemis

Greater Blue Wing
Male; perching



Facebook

<https://www.facebook.com/groups/387584171346166/>



Dragonflies and Damselflies of Malaysia >

CLOSED GROUP • 312 MEMBERS



+ Invite

Photos

Events

Files

Albums

A scenic photograph of a river flowing through a dense, lush green forest. The river is filled with large, smooth, brownish rocks of various sizes, creating a series of small rapids and white water. The surrounding vegetation is thick and vibrant, with tall trees and dense foliage lining both banks. The overall atmosphere is serene and natural.

The End