

Pyraloidea of Singapore

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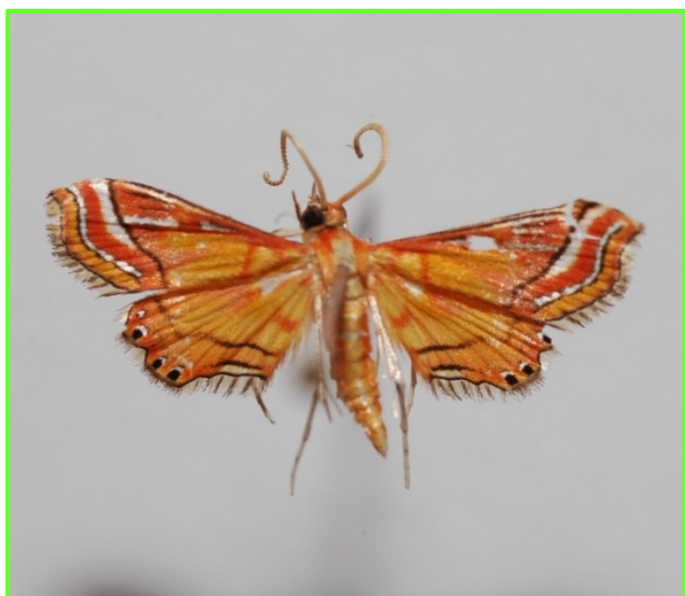
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Aetholix flavibasalis (Pyraustinae)



Agrioplypta itysalis (Pyraustinae)



Ambia decoralis (Nymphulinae)



Arthroschista sp. (Pyraustinae)



Autocharis sp. (Odontiinae)



Balaenifrons sp. (Odontiinae)

SUMMARY

The superfamily Pyraloidea includes the families Pyralidae and Crambidae, each consisting of its respective subfamilies. World-wide, there are at least 16,000 species (Solis, 2007). In South-East Asia, more than 1,500 species are known (Robinson et al., 1994). For Singapore, more than 100 species have been documented (from existing specimens at the Raffles Museum of Biodiversity Research and photographic records) thus far. However, proper identification to genus/species is far from complete. Nevertheless, Singapore is the type locality for nine species of pyralid moths [egs. *Orthaga bipartalis* Hampson, 1906 (Epipaschiinae), *Eristena mangalis* Murphy, 1989 (Nymphulinae)].

In addition to appreciating the local diversity, it would also be useful to understand the habitat and hostplant preferences, relative abundance, seasonality patterns of these moths (eg. Murphy, 1990). This diverse group of small to medium-sized moths are also ecologically essential as a potential food source for the microchiropteran bats, from which they try to avoid by detecting their ultrasounds with tympanal structures on their venters.

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Cnaphalocrocis medinalis (Pyraustinae)



Cnaphalocrocis patnalis (Pyraustinae)



Cnaphalocrocis sp. (Pyraustinae)



Conogethes cliolalis (Pyraustinae)



Endotricha minialis (Endotrichinae)



Glyphodes sp. (Pyraustinae)



Glyphodes stolalis (Pyraustinae)



Heortia vitessoides (Odontiinae)



Herculia marthalis (Pyralinae)



Maruca testulalis (Pyraustinae)



Nevrina procopia (Pyraustinae)



Palpita nigricollis (Pyraustinae)



Paraponyx diminutalis (Acentropinae)



Parotis atlitalis (Pyraustinae)



Pitama hermesalis (Odontiinae)



Prophantis adusta (Pyraustinae)



Talanga sexpunctalis (Pyraustinae)



To be identified ...



To be identified ...

