

#### Butterflies and Moths of the World

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Butterflies and moths are one of the most damaging groups of agricultural pests.

These playing cards promote and raise awareness of butterfly and moth species of the world and include butterflies and moths that are pests, endangered and/or have First Nations significance.

Students from Primary Schools throughout Australia including the Torres Strait Islands and children connected to DAFF staff, provided the artwork as part of a STEM Professionals in Schools project.



We acknowledge the Traditional **Custodians of** the ACT, the Ngunnawal & Ngambri people. We acknowledge and respect their continuing culture and the contribution they make to the life of this city and this region.

#### Acknowledgements

- This STEM Professionals in Schools "STAM" (Science, Technology, Arts and Maths) project could not have been achieved without the commitment and fabulous artwork from primary students from Tagai State College Junior School, Torres Strait Island, Namadgi and Farrer Primary Schools students and teachers, Mrs Lydia Desmet, Mrs Kathryn Glanville and Mrs Julie White, Namadgi Primary School and Mr Aaron Flynn, Farrer Primary School, in Canberra, Australia and the support of the staff of the Australian Government Department of Agriculture, Fisheries and Forestry (DAFF).
- Special thanks for helping to sketch the outlines of the species:
  - Hannah Wilson and Bronte Calvert, DAFF Grads 2023 and Adam-1 Herden, DAFF Grad 2022.

#### Introduction

- Butterflies and moths are one of the most damaging groups of agricultural pests.
- This pack contains butterflies and moths that are exotic National Priority Plant Pests,
   Australian domestic pests, CITES endangered species and species important to First Nations.
- Butterflies and moths are the adult stages of insects in the Lepidoptera ("scaled wings")
  order. Lepidoptera have four life stages: egg, larva (or caterpillar), pupa, and adult (butterfly
  or moth). Butterfly and moth adults have 2 sets of wings, that come in a variety of colours
  and patterns, produced by the tiny scales covering their wings.
- The card suits represent all different coloured **Butterflies and Moths**, grouped as follows:
  - Red and Orange,
  - ♠ White and Mixed ,
  - Black and Brown and
    - ♣ Blue and Green.
- The cards contain information on the sizes (mm) of egg, larva, pupa and adult wingspan of butterfly and moth species.

## Instructions – Butterfly & Moth Game For 2-6 Players

- Shuffle and deal out all the cards, including the Jokers, face down to each player.
- Players turn over their top card.
- The dealer starts and selects a category of egg, larva, pupa or wingspan and reads out the name of their butterfly or moth and number for the category.
- Each player reads out their butterfly or moth name and number for the chosen category.
- The winner of the hand is the player with the highest number.
- OR the player with a Joker card (the Joker 'trumps' or beats the highest number).
- (If two or more cards have the same category number, players turn over the next top card and read out the number of the same category).
- The winner then collects all the cards of that game.
- The player to the left of the dealer then turns over their top card and selects a category.
- Each player has a turn to select a category.
- The winner of the game is the player with the most cards.

#### **Printing Instructions**

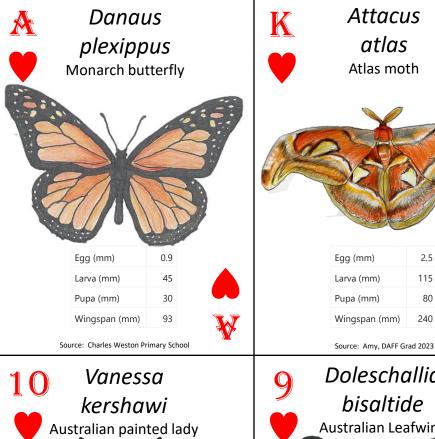
Print single-sided on A4 paper or card 200-300 gsm:

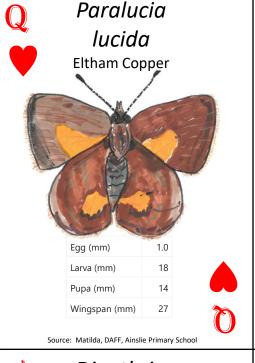
- Pages 8-9,♥ Red and Orange
- Pages 11-12, → Black and Brown
- Pages 14-15, 
   ◆ White and Mixed
- Pages 17-18, ♣ Blue and Green.

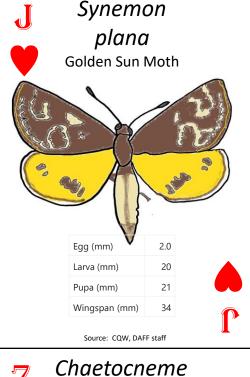
Page 19 to print the backs of the playing cards

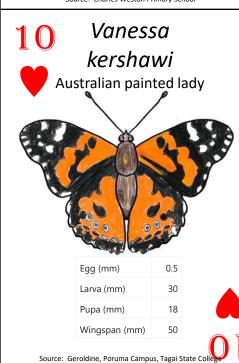
Page 20 to print the playing card box template

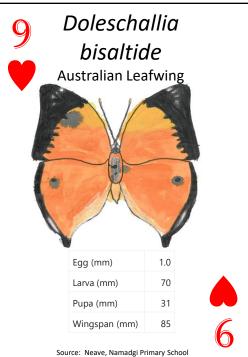
# Red and Orange



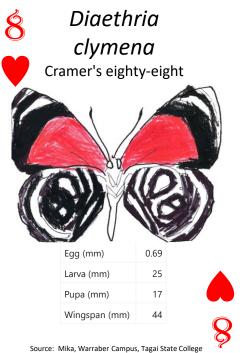


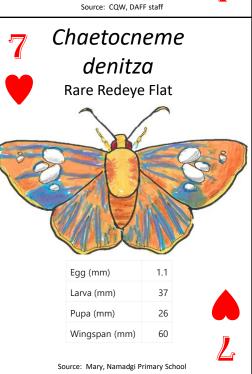


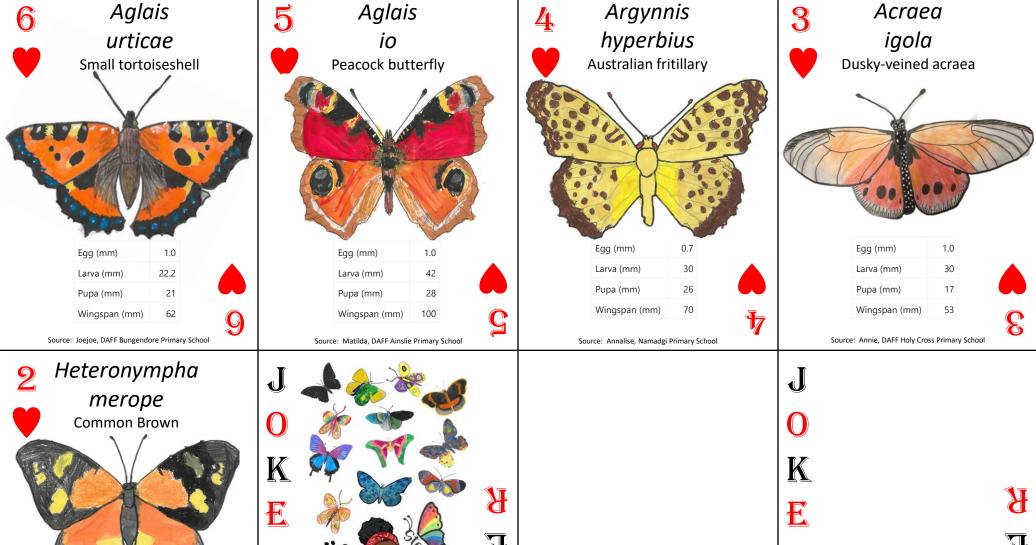


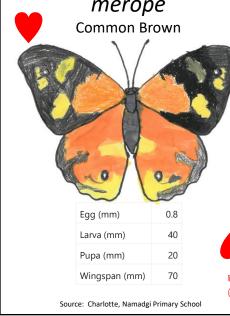


2.5



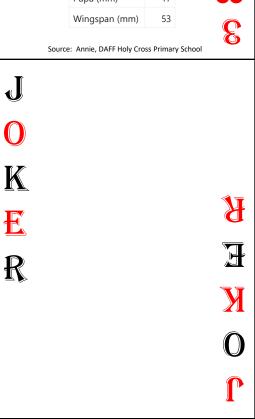




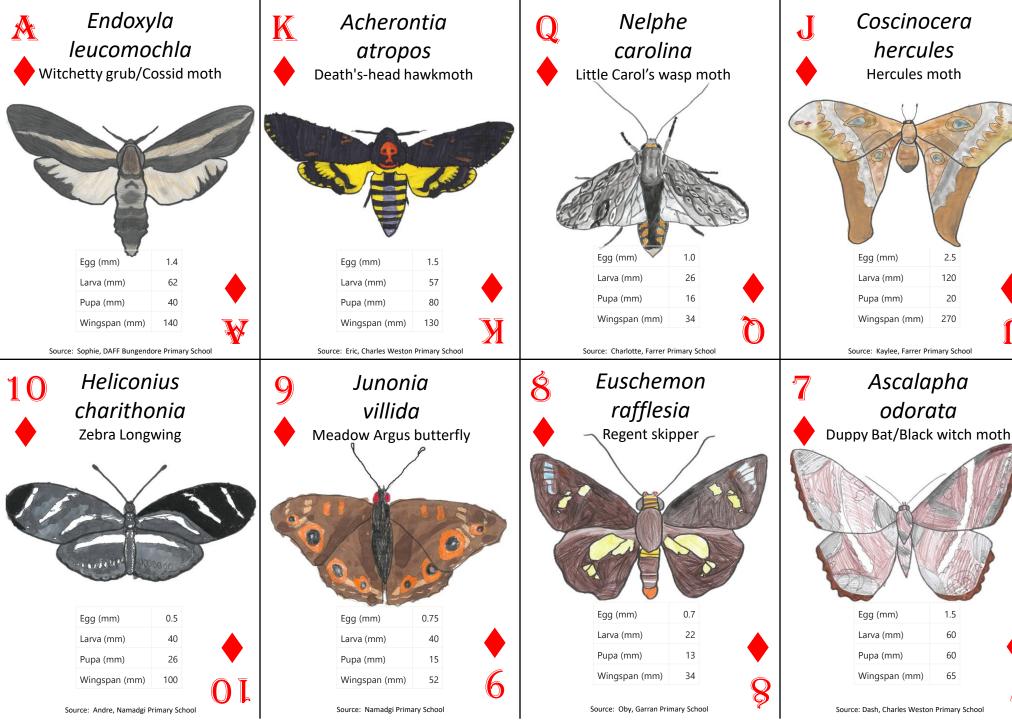






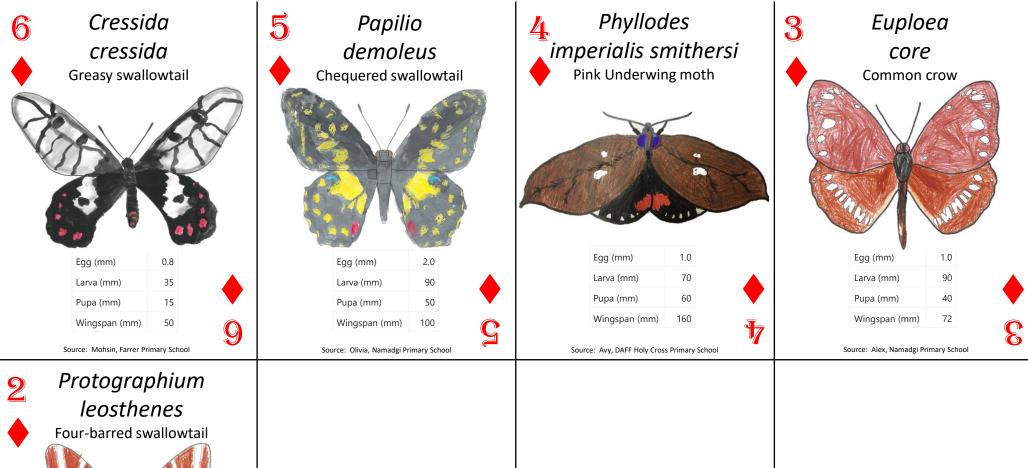


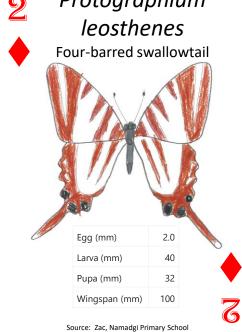
### Black and Brown



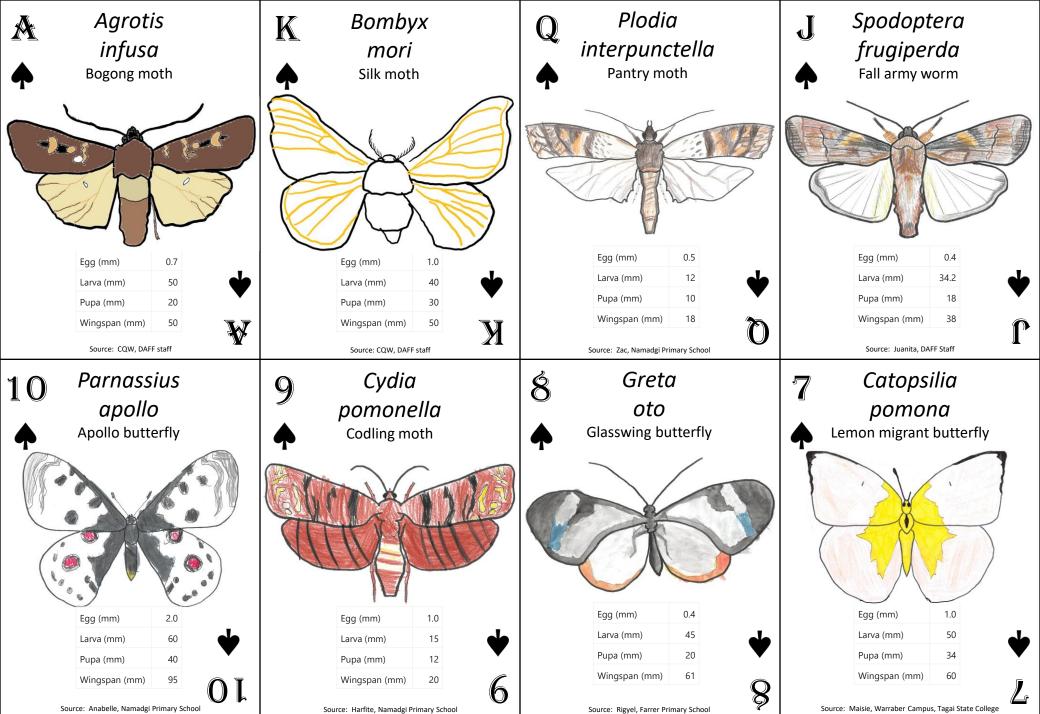
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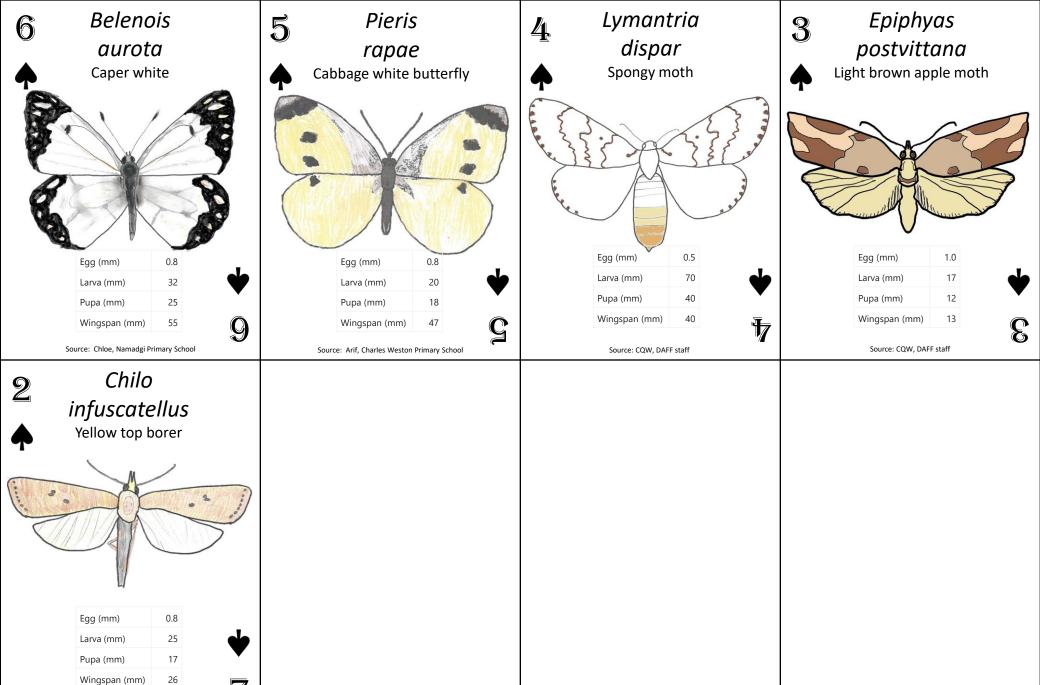
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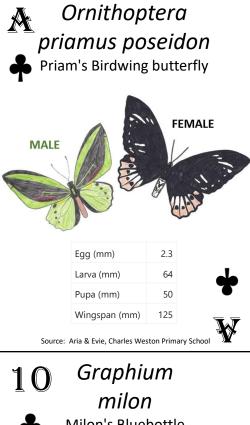
## White and Mixed

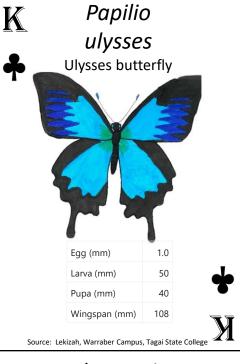


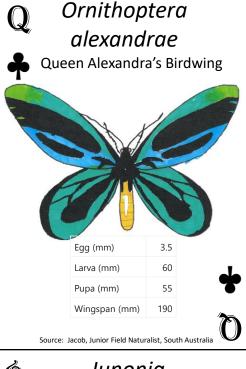


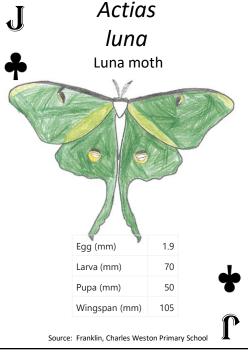
Source: Amelia, Charles Weston Primary School

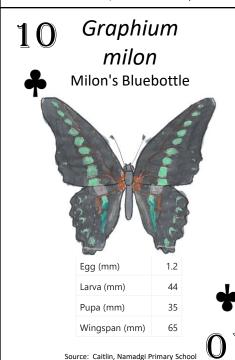
## Blue and Green

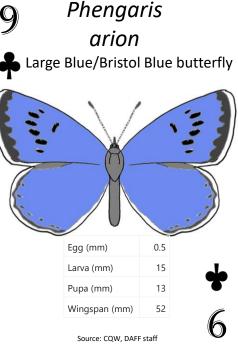


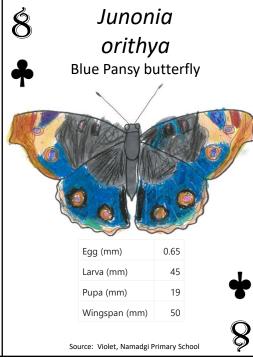




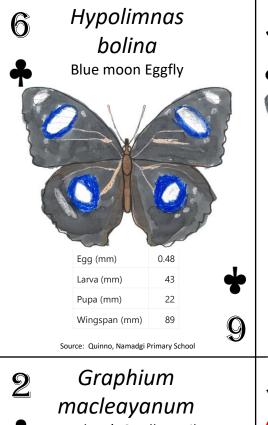


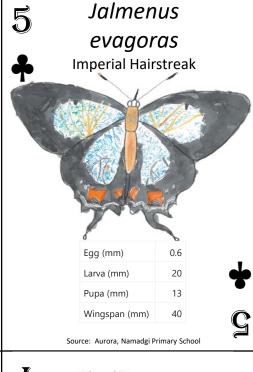


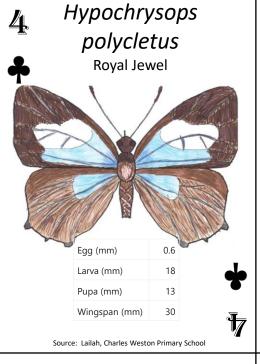


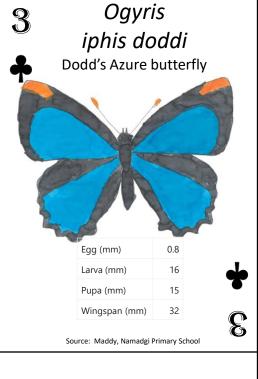


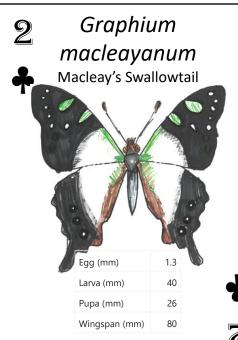












Source: Matilda, DAFF Ainslie Primary School





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# templates/playing-card-box-template /www.template.net Adapted trom: design-templates

Shallower box

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