



Australia's National Priority Plant Pests (NPPP) playing cards: *Beastie the Bug* and

NOVEL CORONAVIRUS 2019 VERSION

Developed by Carol Quashie-Williams, MSc (Entomology), DIC FRES, STEM Professionals in Schools volunteer, Assistant Director, Department of Agriculture, Fisheries and Forestry (DAFF). Email: Carol.Quashie-Williams@agriculture.gov.au &/or Kalolagw65@gmail.com with any comments.

This STEM (Science, Technology, Engineering and Maths) Professionals in Schools partnership project could not have been achieved without the support of the DAFF staff, Australia's Chief Plant Protection Officer, and research and commitment from Farrer and Mawson Primary Schools Year 6 students and teachers, Ms Kate Elliot (Farrer Primary School) and Mrs Kathryn Glanville (Namadgi Primary School).

Main sources of references

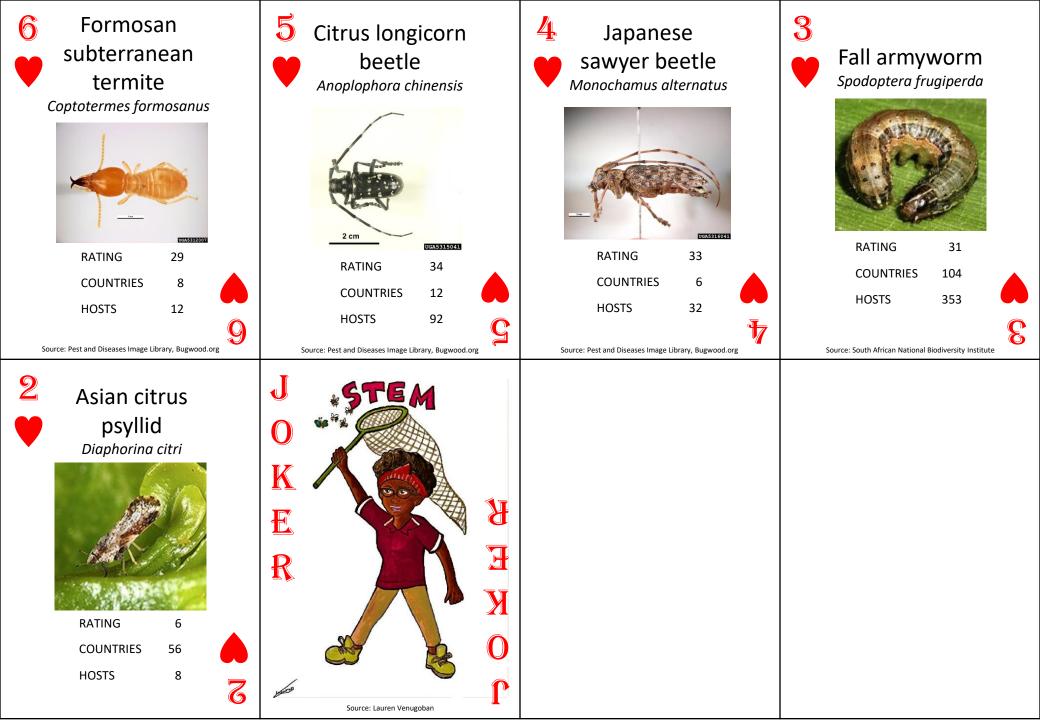
- CABI Invasive Species Compendium https://www.cabi.org/ISC
- National Priority Plant Pests (2019) <u>https://www.agriculture.gov.au/pests-diseases-weeds/plant/national-priority-plant-pests-2019</u>
 - Plant pests and diseases https://www.agriculture.gov.au/pests-diseases-weeds/plant
 - Bugwood https://www.insectimages.org/index.cfm
 - Beastie the Bug https://gd.eppo.int/taxon/BEASTY accessed 27 March 2020

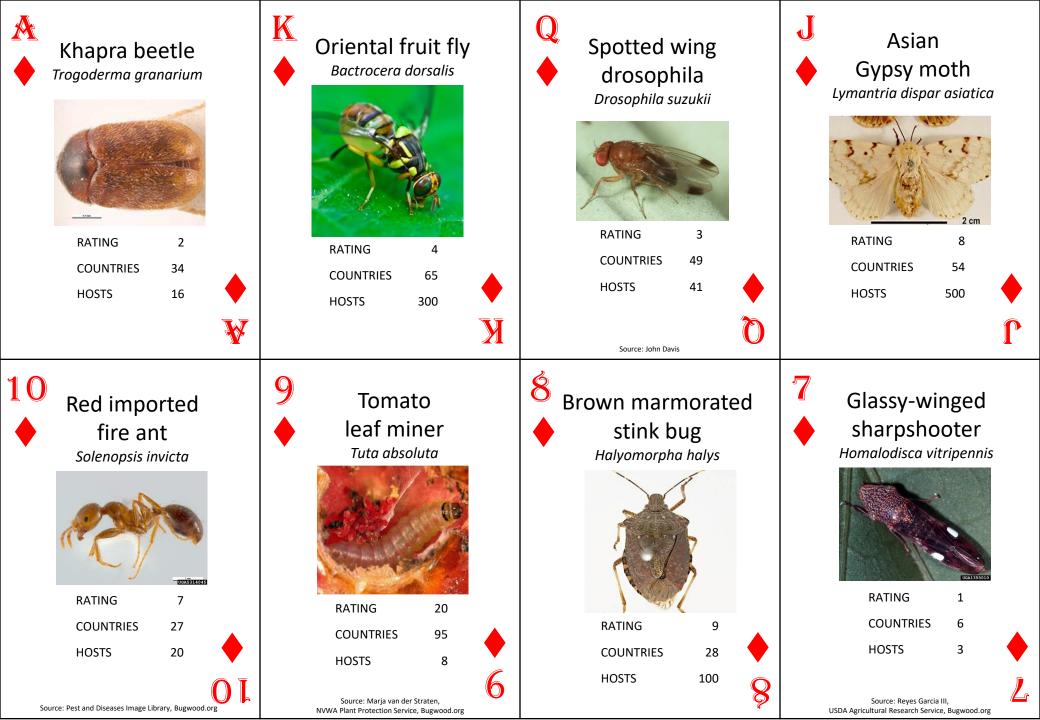
Printing instructions

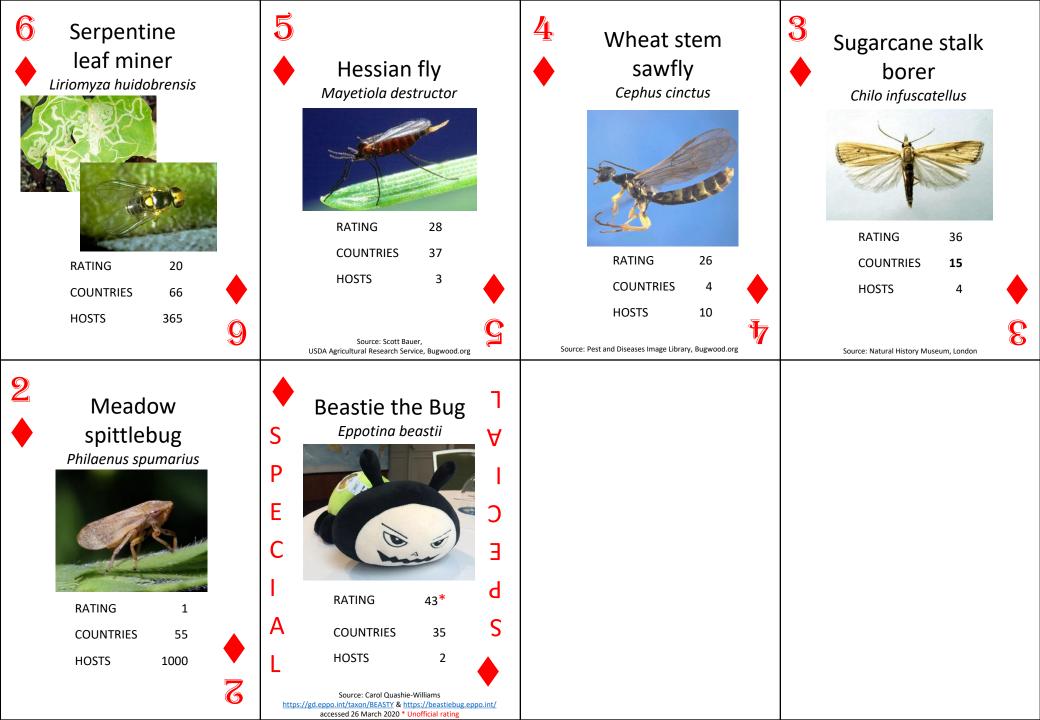
Print single-sided on A4 paper or card 200-300 gsm:

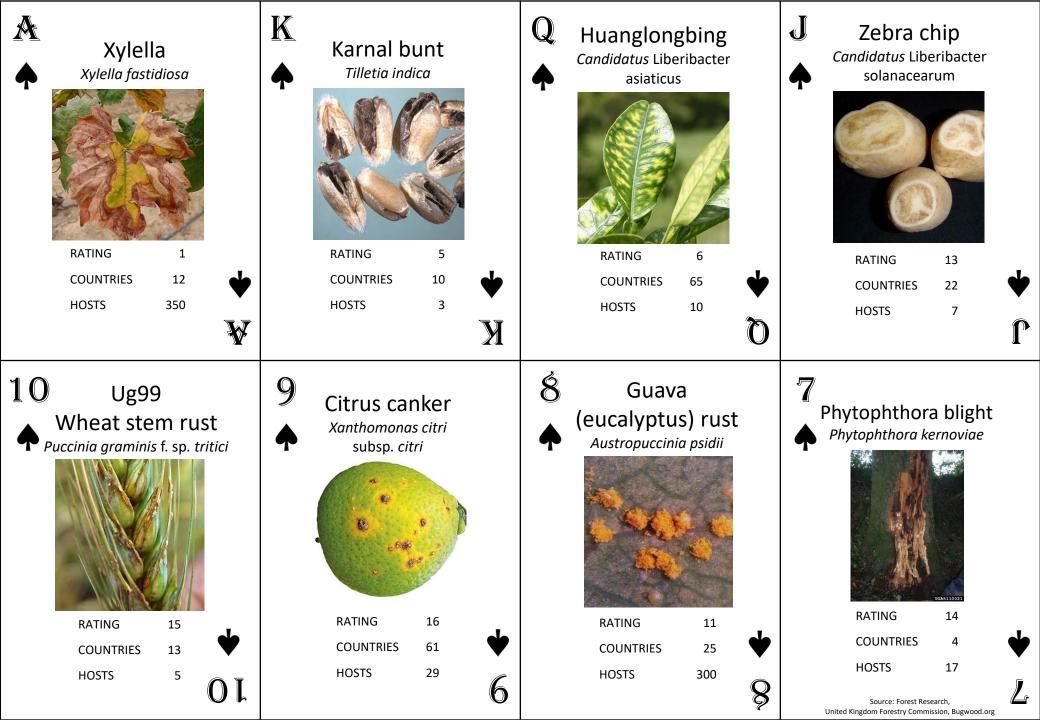
- 1. Pages 3-10 playing card fronts (8 pages)
- 2. Page 11 playing card backs (1 page)
 - copy onto the backs of play cards
- 3. Page 12-13 playing card box template (1 page)
- 4. Page 14 NPPP game instructions (1 page)

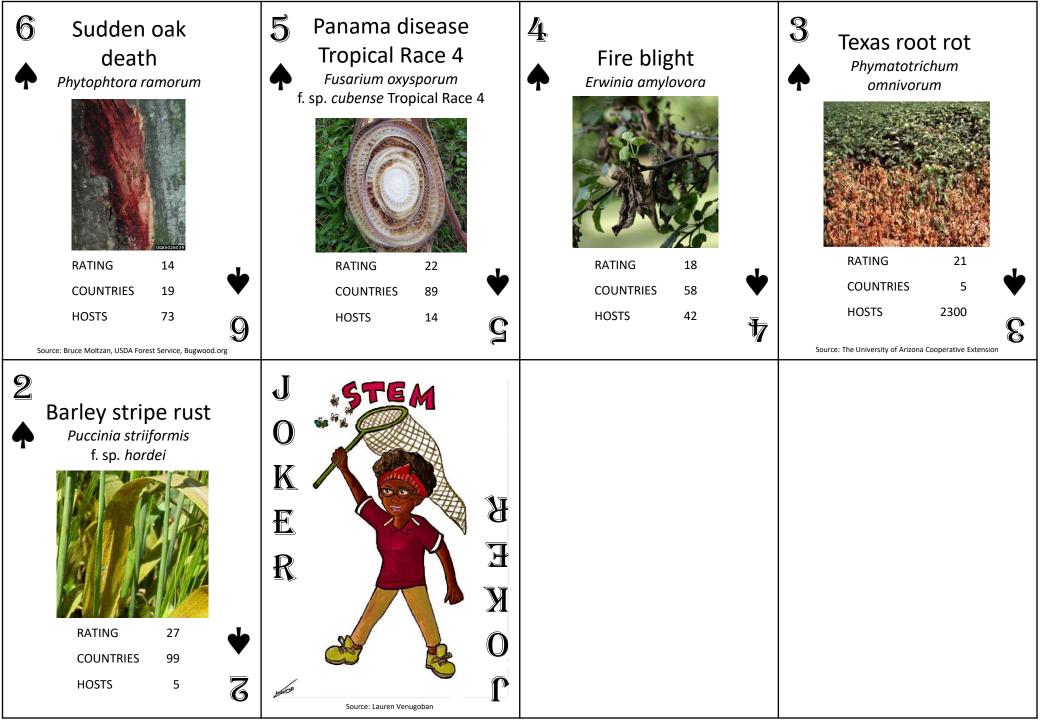


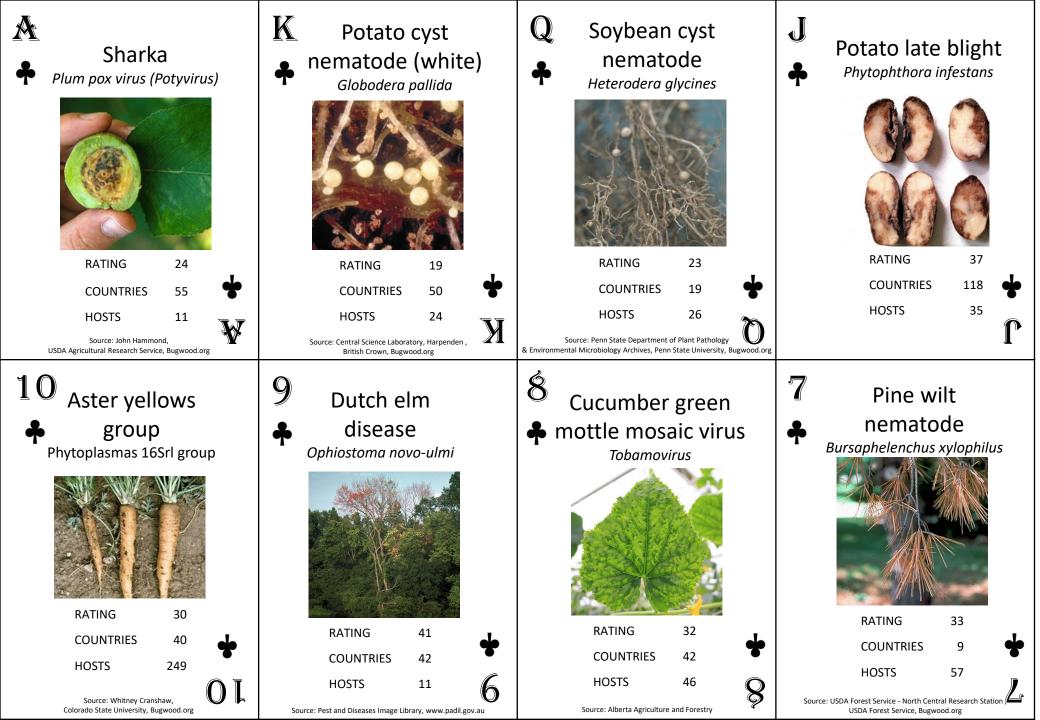


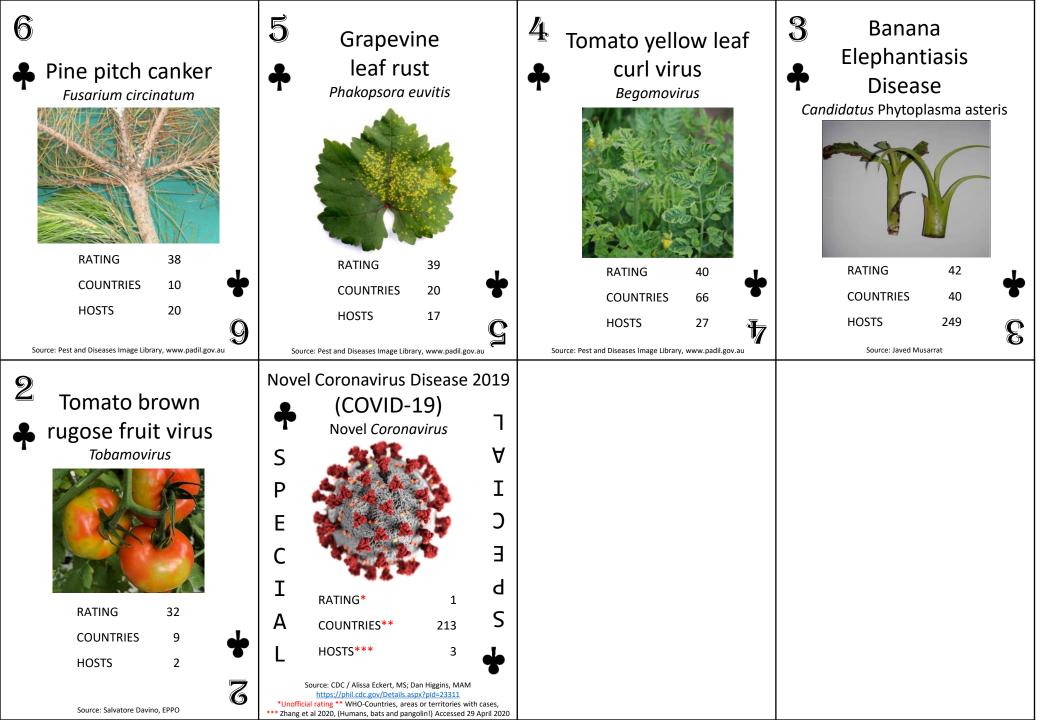


















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Australia's National Priority Plant Pests

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Australia's National Priority Plant Pests

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Australia is lucky to be free from many of the world's most damaging plant pests. The National Priority Plant Pests are

capable of damaging our natural environment, destroying our

www.agriculture.gov.au/pests-diseases-weeds/plant

food production and agriculture industries, and some could change our way of life. These playing cards promote and raise awareness of Australia's National Priority Plant Pests and the International Year of Plant Health 'Protecting plants, protecting life'. The cards include information on the National Priority Plant Pests (NPPP) ratings, the most important being No. 1 Xylella, plus information on the number of countries each pest is found in and the number of plant hosts the pest infests or feeds on, as researched by students from Farrer and Mawson Primary Schools as part of a STEM (Science, Technology, Engineering and Mathematics) Professionals in Schools project. INSTRUCTIONS - NPPP GAME 2-6 Players. Shuffle and deal out all the cards including the lokers face down

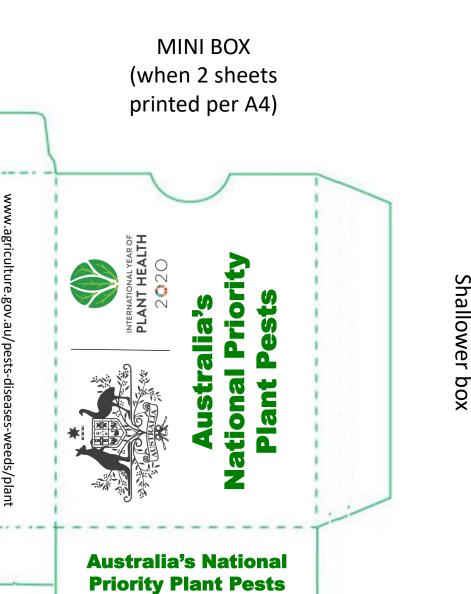
Shuffle and deal out all the cards including the Jokers face down to the players. Players turn over their top card and the dealer reads out the pest name on the card then selects a category of Rating. Countries or Hosts and reads out the number for the category. All the other players read out their pest name and number for the chosen category. Depending on the category selected, the winner of the hand is the player with the lowest Rating, or highest number of Countries or highest number of Hosts or the player with the Joker card (Joker 'trumps' or beats all other categories). If there is a tie, another card is selected by the tying players and they read out the number for the same category. The winner of the hand then collects al the cards on the table, except the Joker card and places them face down under their card pile-LONG game (or face up on the table-SHORT game). The winner then turns over the next top card and selects a category. The winner of the next hand collects all the cards on the table including the Joker card. The winner of the game is the player with the most cards.

Australia's National Priority Plant Pests

Australia is lucky to be free from many of the world's most damaging plant pests. The National Priority Plant Pests are capable of damaging our natural environment, destroying our food production and agriculture industries, and some could change our way of life. These playing cards promote and raise awareness of Australia's National Priority Plant Pests and the International Year of Plant Health 'Protecting plants, protecting life'. The cards include information on the National Priority Plant Pests (NPPP) ratings, the most important being No. 1 Xylella, plus information on the number of countries each pest is found in and the number of plant hosts the pest infests or feeds on, as researched by students from Farrer and Mawson Primary Schools as part of a STEM (Science, Technology, Engineering and Mathematics) Professionals in Schools project.

INSTRUCTIONS - NPPP GAME 2-6 Players.

Shuffle and deal out all the cards including the Jokers face down to the players. Players turn over their top card and the dealer reads out the pest name on the card then selects a category of Rating, Countries or Hosts and reads out the number for the category. All the other players read out their pest name and number for the chosen category. Depending on the category selected, the winner of the hand is the player with the lowest Rating, or highest number of Countries or highest number of Hosts or the player with the Joker card (Joker 'trumps' or beats all other categories). If there is a tie, another card is selected by the tying players and they read out the number for the same category. The winner of the hand then collects al the cards on the table, except the Joker card and places them face down under their card pile-LONG game (or face up on the table-SHORT game). The winner then turns over the next top card and selects a category. The winner of the next hand collects all the cards on the table including the Joker card. The winner of the game is the player with the most cards.



https:/ templates/playing-card-box-template /www.template.net, Adapted from: design-templates /box-

INSTRUCTIONS National Priority Plant Pests (NPPP) Game *Version 3: Beastie the Bug and COVID-19*

For 2-6 Players

- Shuffle and deal out all the cards including the Jokers face down to the players.
- Players pick up the cards but don't look at their cards.
- Players turn over their top card and the dealer reads out the pest name on the card then selects a category of Rating, Countries or Hosts and reads out the number for the category and puts the card on the table.
- All the other players read out their pest name and number for the chosen category and put their cards on the table.
- Depending on the category selected, the winner of the hand is the player with the lowest Rating, or highest number of Countries or highest number of Hosts or the player with the Joker card (Joker 'trumps' or beats all other categories).
 - If there is a tie, another card is selected by the tying players and they read out the number for the same category.
- The winner of the hand then collects all the cards on the table, except the Joker card (who has to stay in the 'field' to check the next lot of pests!) and places them face down under their card pile-LONG game (or face up on the table-SHORT game). The winner then turns over the next top card and selects a category.
 - The winner of the next hand collects all the cards on the table including the Joker card and places them face down under their card pile-LONG game (or face up on the table-SHORT game). The winner then turns over the next top card and selects a category.
- The winner of the game is the player with the most cards in their pile (LONG game) or face up on the table (SHORT game).

Hope you enjoy playing Australia's NPPP game, if you have any comments or suggestions (especially for the topic for the next set of cards), please email me <u>Carol.Quashie-Williams@awe.gov.au</u>