



Pathfinder Honour: Workbook

Moths and Butterflies



Name:

Club:

Date Started:

Date Completed:

Instructor Name:

Signature:

Club Director's Name:

Signature:

Please Award Patch:

Date:

To be signed by Authorised Person (ie District Director for Pathfinders) after satisfactory completion. Leaders, please see the Assessment Sheet for a checklist of practical requirements and a short test to check knowledge of honour.

Date Patch Presented

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Requirement 1 What is the distinction between moths and butterflies?

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Requirement 2 Define the following terms: antennae, cocoon, pupa, larva, and chrysalis.

Antennae	
Cocoon	
Pupa	
Larva	
Chrysalis	

Requirement 3 Draw or photograph and label the pictures of three different cocoons or chrysalises.

1.	2.	3.

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Requirement 4 What causes coloured powder to come off on your hands when you handle the wings of a butterfly? Examine the powder of a moth with a magnifying lens and describe your findings.

Requirement 5 Name a harmful house moth and tell during what stage of its life it does the damage.

Requirement 6 What common butterfly arrived naturally in Australia in 1870 and has since spread to New Zealand. What plant is its main source of food?

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Requirement 7 Do one of the following:

- a. **Make a collection of 10 moths and butterflies, with not more than two specimens of any one variety. Specimens should be anesthetized by using carbon tetrachloride or other chemical in a collecting jar. Take care in mounting and labelling.**
- b. **Identify in the field, then draw or photograph 10 species of moths and butterflies.**

In either project, correctly label with name, date observed, location, time of day, and plant type on which it was feeding or the material on which it was perched. You may use the following table if you wish.

	Name of Moth or Butterfly	Date Observed	Time of day	Plant type it was resting on	Material it was perched on
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					

Requirement 8 Describe the life history of a moth or butterfly. What lesson can be learned in connection with the resurrection of the righteous dead?

Requirement 9 Read and memorise Matthew 6:19