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## Insect Lore 10416

# Insect Lore Raise and Release Butterfly Garden Kit Instruction Manual

Brand: **Insect Lore**

Model: **10416**

## 1. PRODUCT OVERVIEW

The Insect Lore Butterfly Garden Kit offers an engaging and educational experience, allowing users to observe the complete metamorphosis of Painted Lady butterflies. This kit is designed to foster curiosity about nature and the life cycle of insects.



Figure 1: Complete Butterfly Garden Kit contents, including the pop-up mesh habitat, observation journal, and butterfly feeder.

### What's Included:

- Mesh habitat: A durable, reusable pop-up enclosure for observing butterflies.
- Voucher for caterpillars: A redeemable voucher to order live Painted Lady caterpillars.
- Pipette: For feeding the adult butterflies.
- Caterpillars to Butterflies Instruction Guide: A detailed manual for the entire process.
- STEM journal: Packed with activities for observation and learning.
- Feeder: For providing nourishment to the adult butterflies.

## 2. SETUP AND CATERPILLAR ARRIVAL

### 2.1 Ordering Your Caterpillars

Your kit includes a voucher for live caterpillars. It is crucial to redeem this voucher when daytime temperatures in your area are consistently between 50 and 90 degrees Fahrenheit (10-32 degrees Celsius) to ensure safe delivery and optimal

conditions for the caterpillars. Caterpillars are shipped to mainland USA only.



Figure 2: Caterpillars arrive in a clear cup with their food source.

## 2.2 Initial Placement of Caterpillars

Upon arrival, the caterpillars will be in a clear cup with their food. Place the cup in a safe location away from direct sunlight and extreme temperatures. Observe them daily as they grow and consume their food. The Chrys-A-Lid log will arrive with your caterpillars and is designed to hold the cup once the caterpillars form their chrysalides.

## THE ONE & ONLY **CHRY-S-A-LID™**



Figure 3: The Chrys-A-Lid log provides a secure base for the chrysalis cup.

### 3. OPERATING THE BUTTERFLY GARDEN

#### 3.1 Caterpillar Growth and Chrysalis Formation

Caterpillars will grow significantly over approximately 7-10 days. They will then climb to the top of the cup and hang upside down in a 'J' shape before forming their chrysalides. This stage typically lasts another 7-14 days.



Figure 4: Visual representation of the caterpillar's growth and transformation into a chrysalis.

### 3.2 Transferring Chrysalides to the Habitat

Once all caterpillars have formed their chrysalides, carefully transfer the lid of the cup (with the attached chrysalides) to the Chrys-A-Lid log. Place the log inside the mesh habitat. Ensure the habitat is placed in a safe, stable location.



Figure 5: Children observing the caterpillars in their initial cups before chrysalis formation.

### 3.3 Butterfly Emergence and Feeding

Butterflies will emerge from their chrysalides. This is a delicate process, and they will need time for their wings to harden. Once emerged, they can be fed with sugar water using the provided pipette and feeder, or with fresh fruit slices.



Figure 6: Observing newly emerged butterflies within the mesh habitat.

### 3.4 Releasing Butterflies

After a few days of observation and feeding, the butterflies are ready to be released into their natural habitat. Choose a warm, sunny day for release. Gently open the habitat and allow the butterflies to fly out. This kit promotes an earth-friendly, pro-pollinator approach.



Figure 7: The joyful moment of releasing the Painted Lady butterflies into nature.

## 4. MAINTENANCE

### 4.1 Cleaning the Habitat

After releasing your butterflies, the mesh habitat can be cleaned for future use. Gently wipe down the mesh with a damp cloth and mild soap if necessary. Rinse thoroughly and allow to air dry completely before folding and storing.

### 4.2 Storing the Kit

The pop-up habitat folds flat for easy storage. Keep all components, including the pipette, feeder, and journal, in a dry, safe place until your next butterfly raising adventure.

## 5. TROUBLESHOOTING

### 5.1 Caterpillars Not Moving

It is normal for caterpillars to appear still, especially when they are preparing to molt or form their chrysalides. Avoid disturbing them during these critical stages. Ensure the temperature is within the recommended range (50-90°F).

### 5.2 Chrysalides Falling

Occasionally, a chrysalis may detach from the lid. If this happens, gently place the detached chrysalis on a paper towel at the bottom of the habitat. The butterfly should still be able to emerge successfully.

### 5.3 Butterflies Not Flying

Newly emerged butterflies need time for their wings to dry and harden. This can take several hours. Ensure the habitat is in a calm, warm environment. If a butterfly appears unable to fly after 24 hours, it may have emerged with a defect. Continue to offer it sugar water or fresh fruit.

## 6. PRODUCT SPECIFICATIONS

Feature	Detail
Product Dimensions	10 x 10 x 12 inches
Item Weight	0.96 ounces
Country of Origin	USA
ASIN	B00000ISC5
Item Model Number	10416
Manufacturer Recommended Age	4 - 15 years
Release Date	March 19, 2018
Language	English
Manufacturer	Insect Lore

## 7. WARRANTY AND SUPPORT

For detailed instructions and further assistance, please refer to the official User Guide:

[Download User Guide \(PDF\)](#)

### Safety Information:

**WARNING: CHOKING HAZARD -- Small parts. Not for children under 3 yrs.**

**Legal Disclaimer:**

NO RETURN.

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