

## Chapter 2

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### **Acquiring and Caring for Captive-Bred Madagascar Hissing Cockroaches**

Figure 2.1. Adult Male Captive-Bred MHC



Figure 2.2. MHC Breeding Colony Enclosure





# Chapter 3

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## Lessons Using Captive-Bred Madagascar Hissing Cockroaches

Figure 3.1. Examples of MHC Observation Station Containers



Figure 3.2. MHC Tube Made From Two 2-Liter Bottles and Used in Lesson 3.7





Figure 3.6. Recently Molted Adult Male MHC



# Chapter 4

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## More Lessons Using Captive-Bred Madagascar Hissing Cockroaches: Housing and Care

Figure 4.1. Landfill-Bound Items to Repurpose in Making an MHC Home



Figure 4.2. Sample Three-Room MHC Home





Figure 4.3. MHC Home in Figure 4.2 but Modified to Five Rooms



Figure 4.4. MHC Home-Building Supplies Made From Soda Bottles

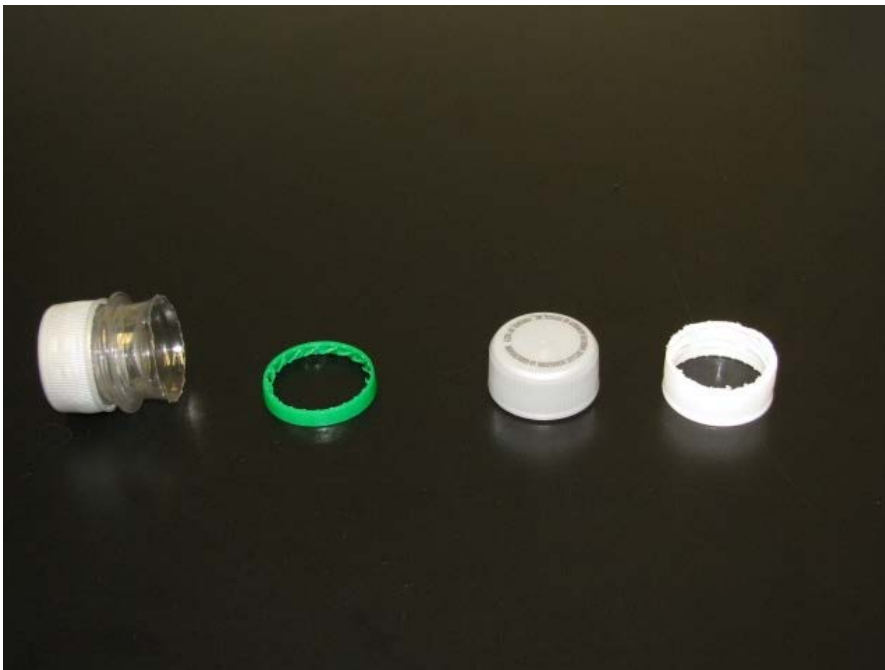




Figure 4.5. Two Hallways Made From Different Types of Plastic Bottles



Figure 4.6. Hallway Connected to a Room Using a Bottle Cap Connector



Figure 4.7. MHC “Couch” Made With Egg Cartons and Rubber Bands



Figure 4.8. MHC Watercooler Made From a Repurposed Sandwich Meat Container and a T-Shirt Fabric Wick





Figure 4.9. MHC Food Dish Made From the Bottom of a Soda Bottle, Filled With Dry Dog Food



# Chapter 5

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## Acquiring and Caring for Captive-Bred Terrestrial Isopods

Figure 5.1. A Terrestrial Isopod (*Armadillidium* genus)





Figure 5.2. Example Terrestrial Isopod Classroom Enclosure



# Chapter 6

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## Lessons Using Captive-Bred Terrestrial Isopods

Figure 6.1. Terrestrial Isopod (*Armadillidium* genus) Rolled Up in a Defensive Posture





Figure 6.2. Setup for the Terrestrial Isopod Humidity and Light Microhabitat Choice Lesson



# Chapter 7

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## Acquiring and Caring for Captive-Bred Tarantulas

Figure 7.1. Captive-Bred Adult Female *Brachypelma boehmei* (Mexican Fire Leg Tarantula)





Figure 7.2. Examples of Tarantulas Recommended for the Classroom



A





B



C



Figure 7.3. Examples of Tarantulas Not Appropriate for a Classroom



A



B



C



Figure 7.4. Examples of Tarantula Enclosures

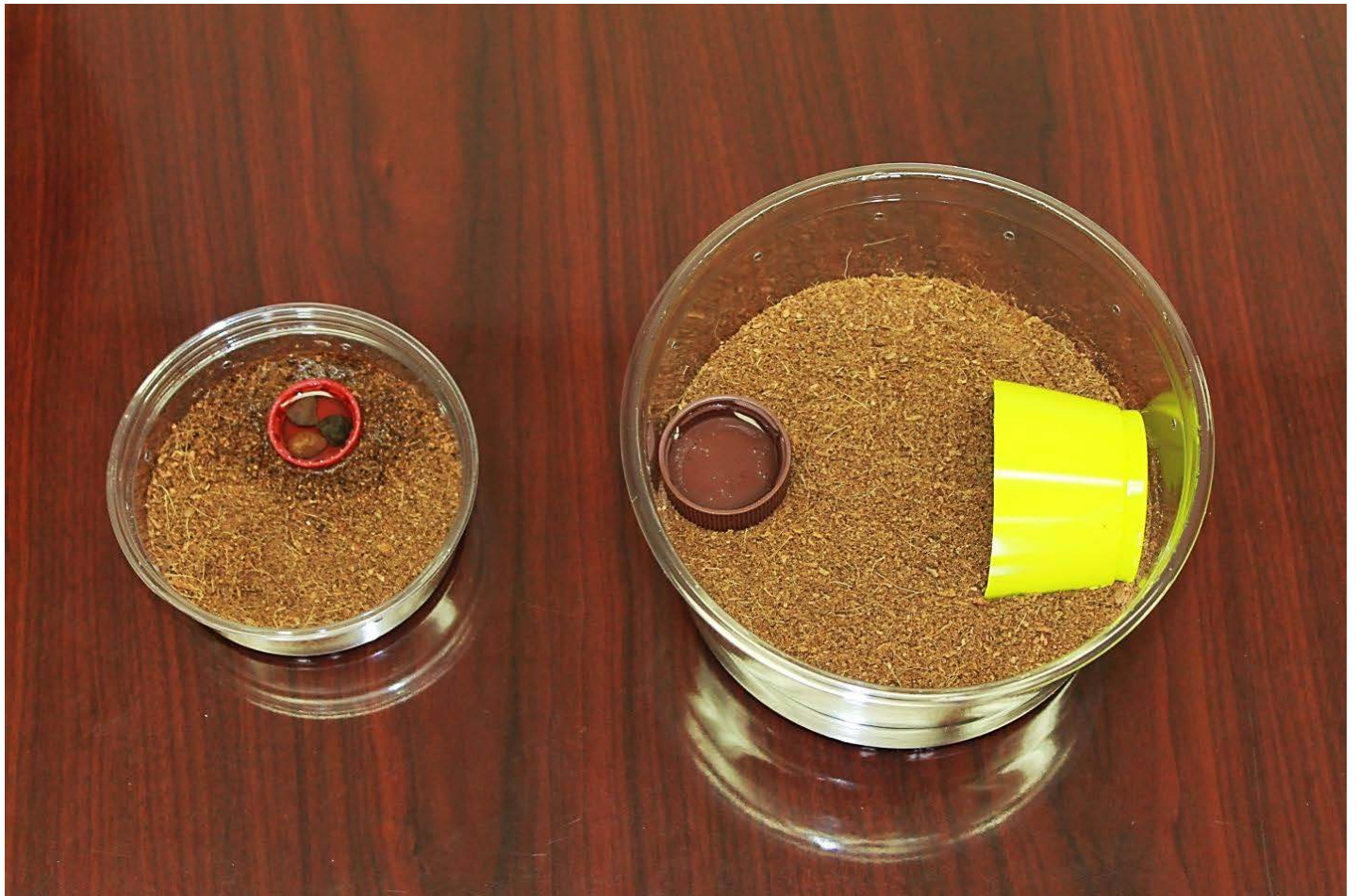


Figure 7.5. Simple Tools for the Care of a Tarantula in the Classroom





Figure 7.6. Example of an Enclosure for a Tarantula With a Leg Span of 7.6 cm (3 in.) or More





Figure 7.7. A Molting *Lasiodora parahybana* (Brazilian Salmon Pink Birdeater Tarantula)





Figure 7.8. Two Tarantulas Just After Molting



A



B



# Chapter 8

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## Lessons Using Captive-Bred Tarantulas

Figure 8.1. Captive-Bred Adult Female *Brachypelma boehmei* (Mexican Fire Leg Tarantula)





Figure 8.2. Two Tarantula Models by Students






Figure 8.3. Captive-Bred Critically Endangered *Poecilotheria metallica* (Gooty Sapphire Ornamental Tarantula)





Figure 8.4. IUCN Red List of Threatened Species for *Poecilotheria metallica*



The IUCN Red List of Threatened Species™

2013.2


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## Poecilotheria metallica

NOT EVALUATED  
NE
DATA DEFICIENT  
DD
LEAST CONCERN  
LC
NEAR THREATENED  
NT
VULNERABLE  
VU
ENDANGERED  
EN
CRITICALLY ENDANGERED  
CR
EXTINCT IN THE WILD  
EW
EXTINCT  
EX

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**Taxonomy [top]**

Kingdom	Phylum	Class	Order	Family
ANIMALIA	ARTHROPODA	ARACHNIDA	ARANEAE	THERAPHOSIDAE

Scientific Name: *Poecilotheria metallica*

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