

Bed Bugs

Making you itch, one slide at a time!

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*Your Presenters

*What do they look like?

- Small, about the size of an apple seed
- Flat, oval shaped body
- Have a musty odor



*What are bed bugs?

* Characteristics of Bed Bugs

- Feed on blood
- Cause itchy spots where they bite
- They do not transmit or spread disease
- Are most active at night
- Technically, they are not a health hazard



*Where do Bed Bugs Live?

- In Areas Frequented by Humans
 - Hotels, houses, apartments, office buildings, hospitals, schools
 - Attracted to warmth
- They hide in mattresses, upholstered furniture, cracks and crevices, electrical outlets, baseboards, window and door casings, curtains, etc.
 - Basically anywhere that is dark and cozy but still close to their food source



Image by Lou Sorkin, used with permission.

*How do Bed Bugs Travel?

- Bed bugs typically do not travel far to feed and lay eggs*
- Must be carried from place to place by us - their accommodating hosts
- Like to travel in our clothes, purses, luggage, books and on our pets
- Surprisingly, these pests do not crawl far during their lifetime, that's why they must hitch a ride to spread themselves around



*Source: Purdue Extension Service
Image via pureenvironmental.com

*Prevention in the Library

Education is the first step

KNOWLEDGE IS POWER

Take control of the situation
before it becomes a problem

- Educate yourself
- Educate ALL library staff
- Educate your community

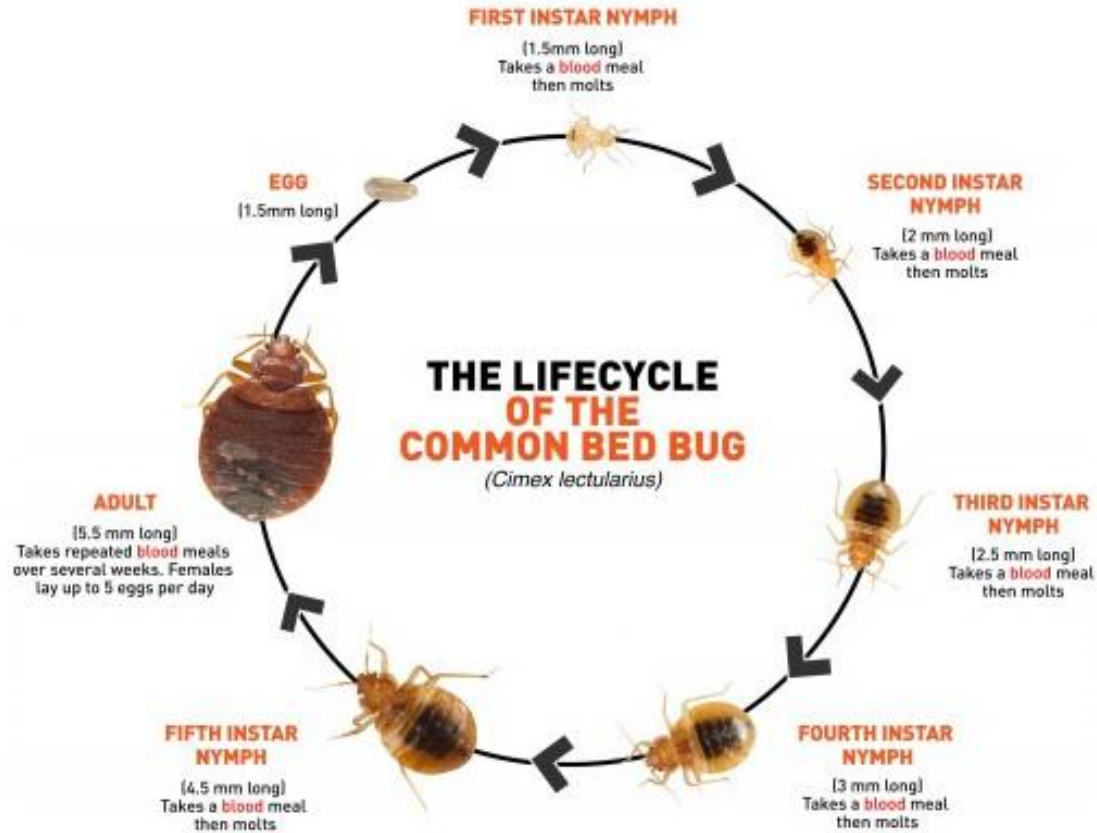


Photo by: <http://www.daytonbedbugcontrol.com>

*Train the Trainer

Contact a professional pest control company



[Wichita Public Library Training Video](#)

- Bedbugger.com
- Libraryjournal.com
- [Purdue Extension Service](#)
- [Indiana State Dept. of Health](#)
- [Greensburg PL](#)

*** Use Every Resource**

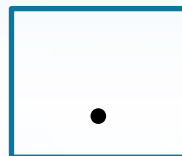
Training Tips:

- Training should be required
- Allow freaked-out staff time to adjust
- Focus on **identification** and warning signs
- Create prevention procedures specific to your library
- Provide materials for prevention

Identification:

- Live bugs
- Shed skins
- Tiny, cylindrical white eggs
- Feces - single black dots or clustered smears on materials

***Train All Staff**



- While unpacking items, watch for evidence of bed bugs
- Shake out empty transit bags and inspect anything that falls out
- ACK! We have a bug
- Quarantine any suspicious bug, materials and infected transit bag in a large trash bag
- Close bag with twist-tie
- Fold over top and seal with packing tape
- Label trash bag “Transits with Bugs”
- Transfer bag to treatment area
- Inform department manager and/or library director
- Inform INfoExpress Coordinator
- Contact treatment professional

*Transit Procedure

- Avoid holding materials close to body
- Inspect materials at check-in desk
- Watch for evidence of bed bugs on book pages and at the spine
- Inspect equipment, if you offer these items
- Ack! Another one
- Use plastic ziplock bag to quarantine item
- Determine which customer returned the item
- Inform department manager/library director

*Check-in Inspection

* TALK to your patron!

<http://www.greensburglibrary.org/about-gpl/bugs>



* Educate Your Community

- We (library staff) must be transparent and present ourselves as being proactive to prevent problems.
- Be Honest!!
- [Greensburg Daily News Article](#)

***Educate Your Community**

*The Worst has Happened

Don't Panic!

- Contact a professional—pest management company and bed bug detection team (dog)
- Educate your patrons
 - Talking points
 - Website
 - Ask patrons to help with prevention
- Inspect upholstered furniture
- Vacuum daily
- Keep areas clutter free



*What Do We Do Now?

- Discard and replace the books - small number of items
- Treat the books - For a large quantity
- Treatment Options:
 - Heat - 120° - 150°
 - Freezing
 - Low oxygen treatments

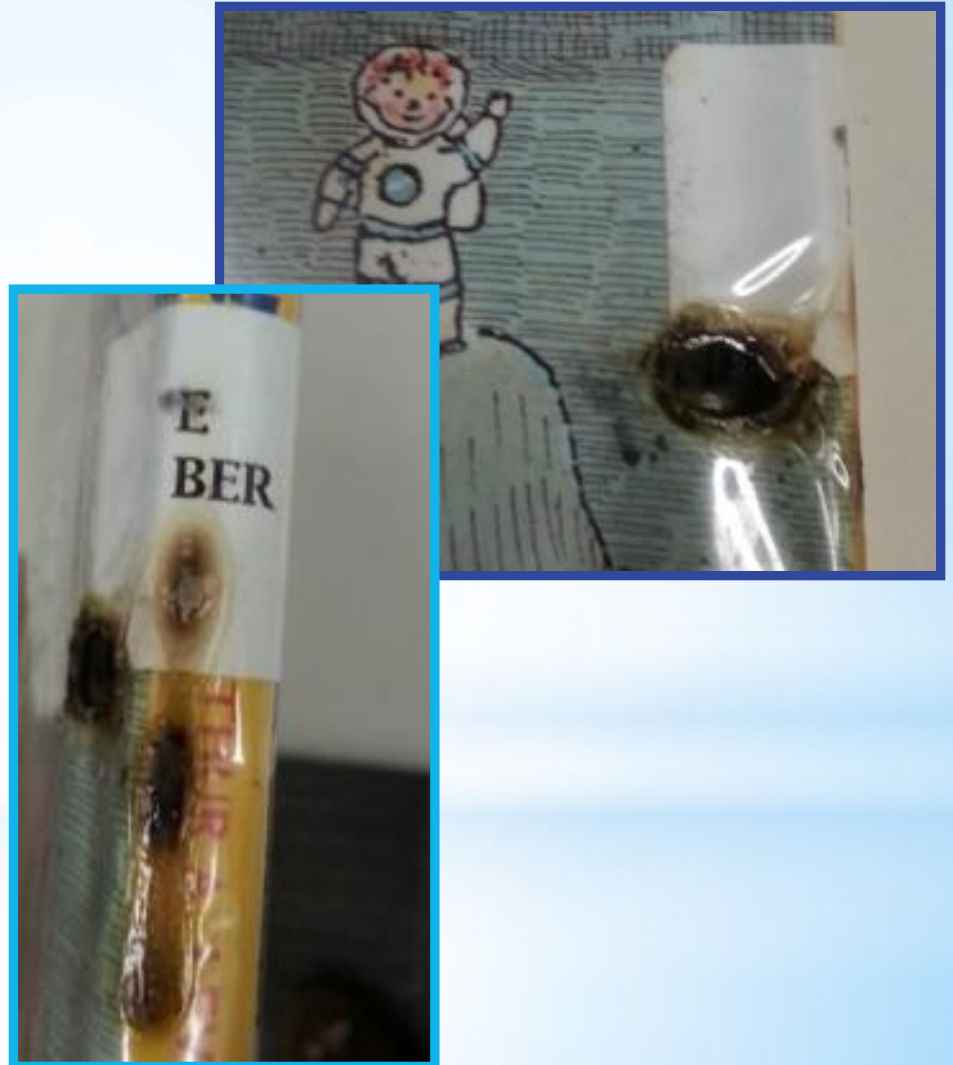


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*What NOT to Do

DO NOT TREAT MATERIALS WITH:

- Home oven
- Microwave
- Chemicals on materials



*Whew, That Wasn't So Bad

Questions?

Suggestions for Patron Services Committee?

- https://www.flickr.com/photos/lou_bugs_pix/with/324802634/
- <http://museumpests.net/>
- <http://www.amnh.org/>
- <http://www.indystar.com/story/news/2015/04/08/bedbugs-follow-main-attraction-indy-movie-house/25482355/>

 **More Resources**