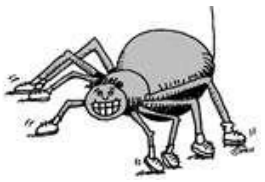
- http://www2.nbc4i.com/news/2010/oct/25/central-ohio-tourism-proactively-fighting-bed-bugs-ar-270541/

Good Night Sleep Tight
Don't let the
BED BUGS
bite!



Bed Bug History

- Documented since early 1700's in North America
- Sailboats were infested when returning from Europe

No Worries!

- Concern dropped off in the 20th century
- After WW II, used insecticides such as DDT
- Household cleanliness improved
- Improved regulations on used furniture market

They’re BACK!

- International travel and commerce
- Hitchhiker in luggage, clothing, bedding furniture
- Can infest planes, ships, trains and buses.

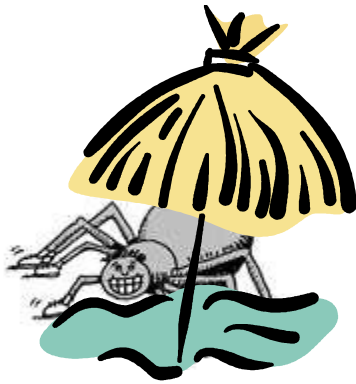
- Lack of control since there hasn’t been a problem
- Can’t use DDT
- Use of more baits rather than insecticides for ant and cockroach control.

- 2000 Olympics in Sydney, Australia
- 95% of hotels were affected

- UK
- Poor economy, buying second hand clothes, furniture, ashamed

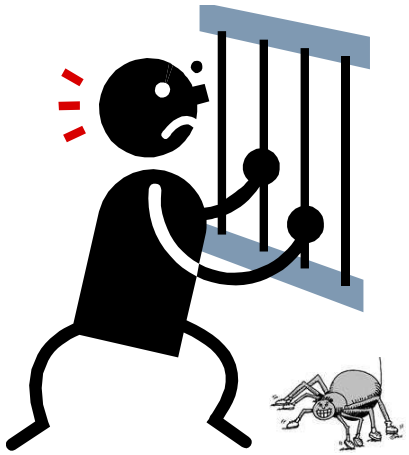
- Bed Bug (cimex lectularius)
- Northern Temperate Climates of North America, Europe, and Central Asia

- Tropical Bed Bug (Cimex hemipterus)
- Africa, Asia and tropics of North America and South America.
- This ones loves Florida too!



Most Frequently Found

- High rate of occupant turnover dwellings such as:



- hotels
- motels
- dormitories
- shelters
- apartment complexes
- tenements
- prisons.

I SEE you!

- Small, flat, wingless reddish brown adults

- translucent when immature

- eggs are white

- Size of an apple seed more or less

Nocturnal Blood Suckers!

- Feed on the blood of humans and animals
- More active 1 hour before dawn
- Not known to transmit disease

“On the road again!”

- Live within 8 feet of where people sleep
- Furniture, fabrics, electronic devices
- Can travel 100 feet in one night

Hide and Seek

- During the day, hide in box springs, bed frames, headboards, dresser tables, cracks or crevices, behind wallpaper, under any clutter or objects around a bed**.**

- They like CLEAN places as well as DIRTY ones.

Bite Marks

- Bites are painless
- Inject anesthetic and anticoagulant
- First, white welt
- Then ,red, swollen, itchy, irritated

- Rows of three welts are characteristic
- Breakfast, Lunch, Dinner!

Tell-tale Signs

- Exoskeletons after bugs molt or get crushed
- Sweet musty odor
- Rusty-colored blood spots from their blood-filled fecal material on mattress or furniture.

Control Measures

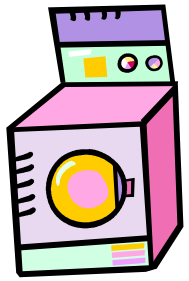
- Don’t try to “do it yourself” if you have an infestation
- Call a professional!

Some things you can do yourself

- Vacuum mattress regularly
- Use hot water to launder bedding
- Put bedding in clothes dryer for 20 minutes
- Stiff brush to scrub mattress to dislodge bugs and eggs
- Steam cleaning is not recommended
- (moisture causes mildew and house mites
- Put plastic zipper cover over mattress
- (takes a long time)
- Insecticides can be dangerous . Don’t use.

Prevention

- Carefully inspect clothing and baggage after traveling
- Inspect second hand furniture
- Caulk cracks and crevices on exteriors
- (keeps hosts like birds, bats and rodents out)



THE END

- **YOU CAN STOP STRATCHING NOW!**