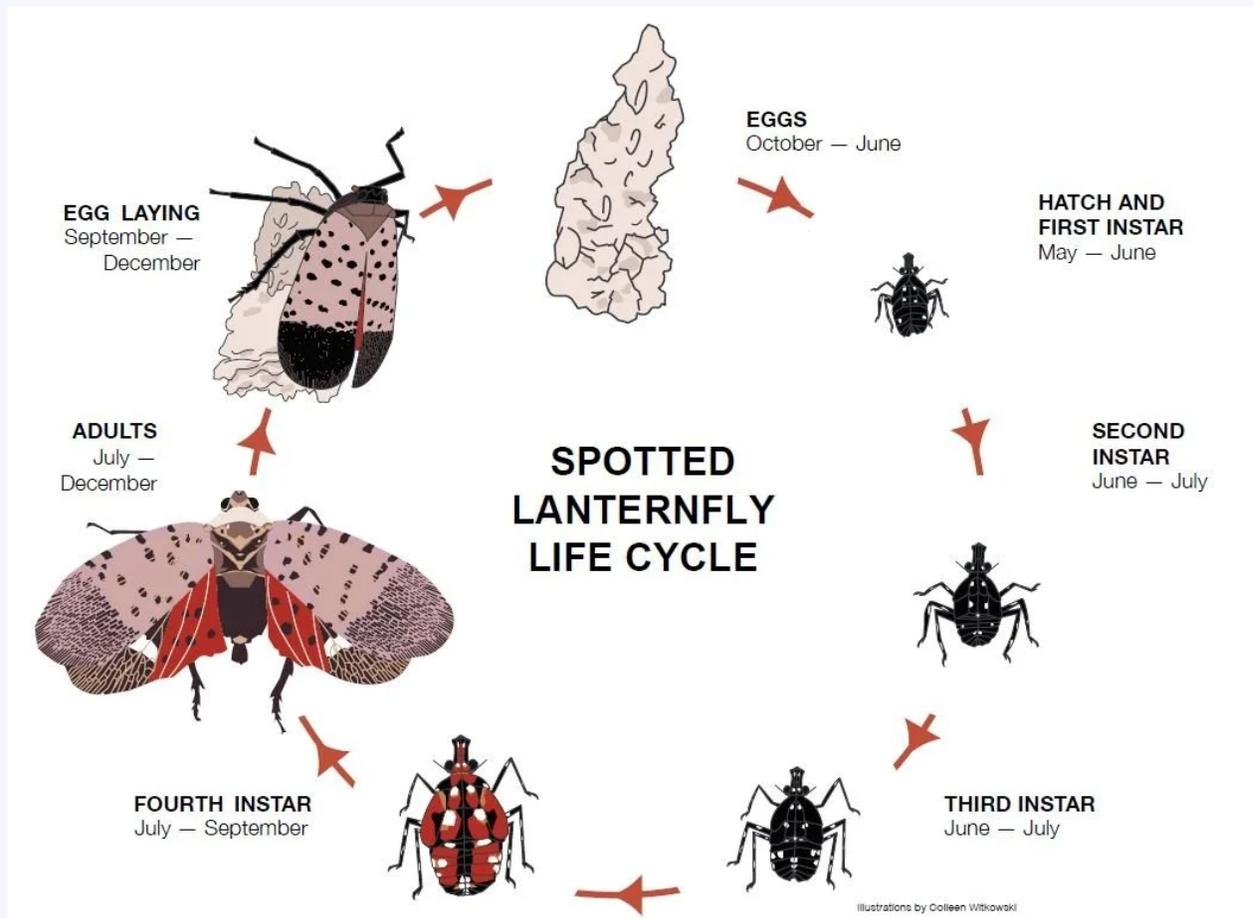


# BEWARE OF THE SPOTTED LANTERN FLY

**WHAT ARE THEY?** SPOTTED LANTERNFLY (SLF) IS AN INVASIVE PLANTHOPPER NATIVE TO CHINA, INDIA, AND VIETNAM. IT WAS FIRST DISCOVERED IN THE U.S. IN PENNSYLVANIA IN 2014 AND HAS SPREAD TO OTHER STATES INCLUDING NEW JERSEY, DELAWARE, MARYLAND, VIRGINIA, WEST VIRGINIA, NEW YORK, CONNECTICUT AND OHIO.

**WHY YOU SHOULD CARE?** SLF FEEDS ON THE PLANT SAP OF MANY DIFFERENT PLANTS INCLUDING GRAPEVINES, MAPLES, BLACK WALNUT, AND OTHER IMPORTANT PLANTS IN NJ. WHILE IT DOES NOT HARM HUMANS OR ANIMALS, IT CAN DESTROY MANY IMPORTANT AGRICULTURAL PLANTS AND REDUCE QUALITY OF LIFE.

**WHAT SHOULD YOU DO?** KILLING THEM BY SCRAPING EGG MASSES, STOMPING ON THEM, USING INSECTICIDAL SOAPS, STICKY TRAPS, VINEGAR OR CUTTING DOWN TREE OF HEAVEN PLANTS ARE SOME OF THE BEST SOLUTIONS!

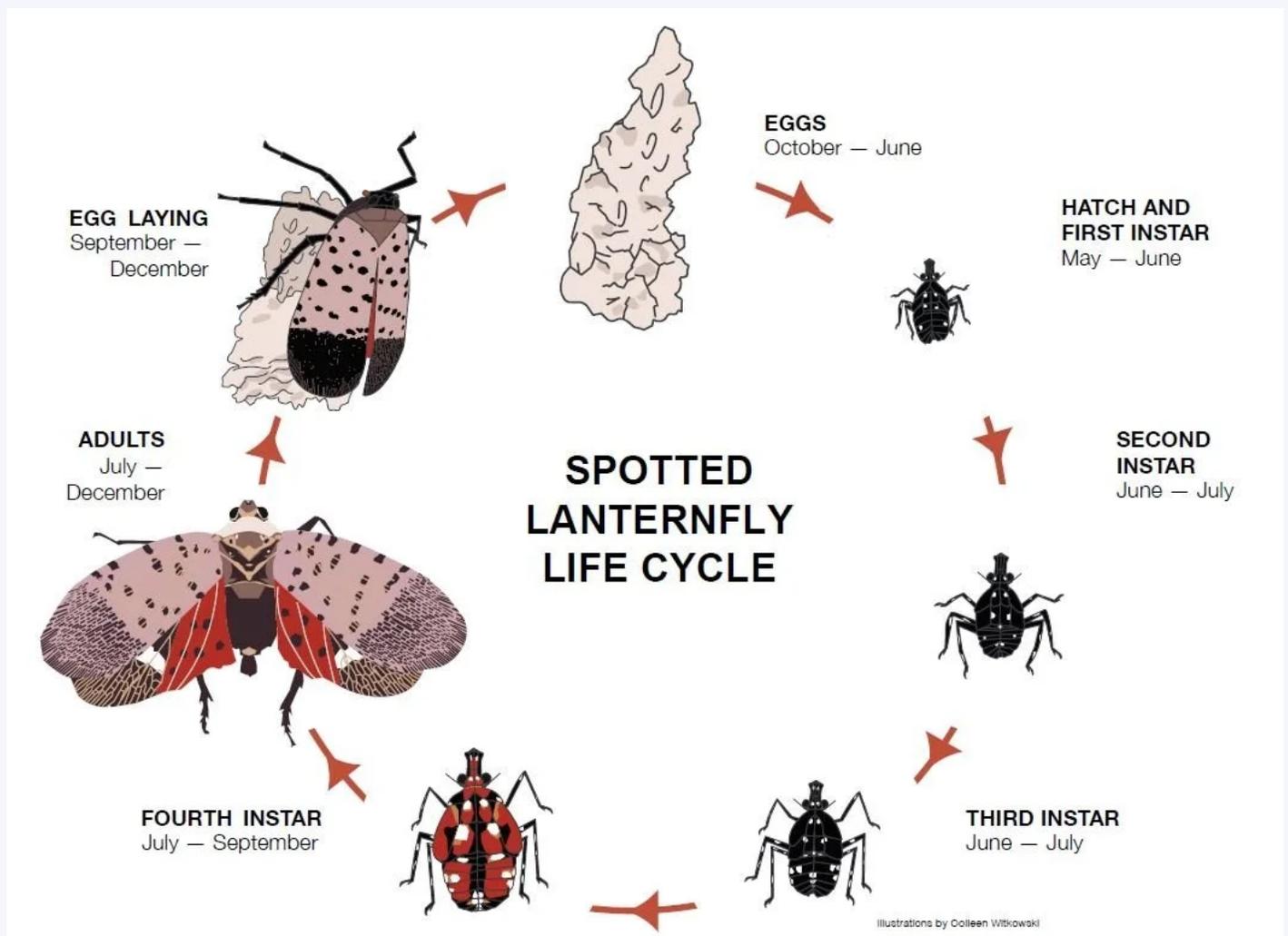


# STOMP THEM OUT!

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Host	Nymphs			Adults		
	May	June	July	August	September	October
Rose (cultivated, multiflora, etc.)						
Grape (wild and cultivated)						
Tree-of-heaven						
Black walnut, butternut						
River birch						
Willow						
Sumac						
Silver/red maple						

## STOMP THEM OUT!

# BEWARE OF THE SPOTTED LANTERN FLY

WHAT SHOULD YOU DO?  
HERE ARE FIVE THINGS YOU CAN TRY!

1. **STOMP ON THEM!** THIS IS THE LEAST HARMFUL TO THE ENVIRONMENT. LANTERNFLIES TEND TO BE GOOD JUMPERS, BUT DON'T GIVE UP; YOU SHOULD BE ABLE TO GET THEM ON THE 2ND OR 3RD TRY.
2. **KEEP A SPRAY BOTTLE OF INSECTICIDAL SOAP HANDY.** THIS KILLS THEM ON CONTACT. YOU CAN PURCHASE THESE AT VARIOUS STORES, BUT YOU CAN ALSO USE 1 PART DAWN DISH SOAP TO 1 PART WATER OR RUBBING ALCOHOL/WATER MIXTURE TO FIGHT THESE PESTS.
3. **WRAP YOUR TREE WITH STICKY PAPER OR INSIDE-OUT DUCT TAPE.** WRAPPING YOUR TREE WITH A STICKY MATERIAL, THEN SPRAYING THE NYMPHS AND/OR ADULTS SO THEY FALL AND ATTEMPT TO CLIMB BACK UP THE TREE CAN TRAP THEM FOR DISPOSAL. AFTER BEING STUCK, DRENCH THE PAPER/TAPE IN 60% ALCOHOL OR HAND SANITIZER.
4. **SPRAY WEEDS WITH VINEGAR.** VINEGAR CAN GET RID OF WEEDS AND LANTERNFLIES ON CONTACT.
5. **CONTROL TREE OF HEAVEN GROWTH.** SPOTTED LANTERNFLIES FAVOR TREE OF HEAVEN THE MOST WHICH ARE INVASIVE PLANTS THEMSELVES. CHOPPING THEM DOWN CAN HELP WITH INFESTATIONS AND SPRAYING THE STUMPS WITH HERBICIDE CAN STOP RESPROUTING.

**PRO TIP:** SCRAPE THE EGG MASSES OFF THE TREES INTO PLASTIC BAGS AND DRENCH THEM IN 60% ISOPROPYL ALCOHOL DURING THE FALL/WINTER MONTHS TO HELP STOP INFESTATIONS IN THE FOLLOWING SPRING/SUMMER MONTHS.



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