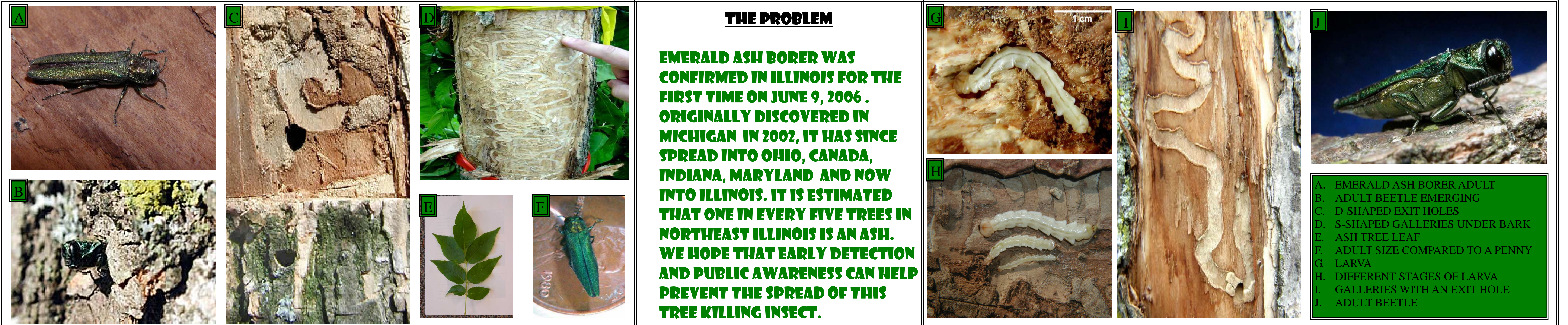


EMERALD ASH BORER



THE PROBLEM

EMERALD ASH BORER WAS CONFIRMED IN ILLINOIS FOR THE FIRST TIME ON JUNE 9, 2006. ORIGINALLY DISCOVERED IN MICHIGAN IN 2002, IT HAS SINCE SPREAD INTO OHIO, CANADA, INDIANA, MARYLAND AND NOW INTO ILLINOIS. IT IS ESTIMATED THAT ONE IN EVERY FIVE TREES IN NORTHEAST ILLINOIS IS AN ASH. WE HOPE THAT EARLY DETECTION AND PUBLIC AWARENESS CAN HELP PREVENT THE SPREAD OF THIS TREE KILLING INSECT.

A. EMERALD ASH BORER ADULT
 B. ADULT BEETLE EMERGING
 C. D-SHAPED EXIT HOLES
 D. S-SHAPED GALLERIES UNDER BARK
 E. ASH TREE LEAF
 F. ADULT SIZE COMPARED TO A PENNY
 G. LARVA
 H. DIFFERENT STAGES OF LARVA
 I. GALLERIES WITH AN EXIT HOLE
 J. ADULT BEETLE

PHOTOGRAPHS TAKEN FROM WWW.EMERALDASHBORER.INFO AND MSU EXTENSION BULLETINS.

IF YOU SEE THIS INSECT OR A SICK ASH TREE IN OUR TOWN, PLEASE CALL



- BEETLE IDENTIFICATION:**
- 1/2" LONG (CAN FIT EASILY ON A PENNY) BY 1/8" WIDE.
 - BRIGHT GREEN METALLIC IN COLOR—HARD TO SPOT
 - ONLY KILLS ASH TREES
 - EGGS HATCH IN SUMMER, THEN CREAMY WHITE LARVAE TUNNEL UNDER BARK THROUGHOUT THE WINTER. THIS TUNNELING IS WHAT KILLS THE TREE.
 - ADULT BEETLES EMERGE THE FOLLOWING MAY-JULY.
 - ADULTS EMERGE THROUGH A TINY (1/8") D-SHAPED HOLE IN THE BARK.
 - ADULTS MATE AND LAY EGGS IN BARK CREVICES—THE CYCLE STARTS OVER AGAIN.

- SYMPTOMS OF INFESTED ASH TREE:**
- YELLOWING OF LEAVES.
 - DIEBACK STARTING IN THE TOP OF THE TREE.
 - SOMETIMES SUCKERS OR SPROUTS FORM AT THE BASE OF THE TREE, BELOW THE INSECT TUNNELING.
 - TREES USUALLY DIE IN 2-4 YEARS.
 - SOMETIMES WOODPECKERS DAMAGE BARK ON THE TRUNK.

Cooperative Emerald Ash Borer Project

UNWANTED! EMERALD ASH BORER

- CITIZENS ARE ASKED TO:**
- 1) MONITOR ASH TREES, REPORT POSSIBLE EAB OR INFESTED ASHES.
 - 2) STOP MOVING FIREWOOD. RELOCATING FIREWOOD CAN SPREAD THE INSECT.
 - 3) CARE FOR ASH TREES. KEEP TREES WATERED; USE ISA CERTIFIED ARBORISTS.
 - 4) LIMIT ASH PLANTINGS, DIVERSIFY.
 - 5) KEEP INFORMED. CHECK WWW.EMERALDASHBORER.INFO FOR UPDATES.

PLEASE TAKE AN INFORMATION PACKET!