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FOREST PRESERVE DISTRICT of Cook County, Illinois



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773-261-8400 / 708-366-9420 / 800-870-3666 TDD 708-771-1190

Joseph N. Nevius, GENERAL SUPERINTENDENT



April 19, 2001

Final Report Wildlife Preservation Fund Grant #01-013W Asian Longhorned Beetle Poster

1. **Introduction** (materials, methods, results, discussion, summary):

The purpose of this grant was to develop a poster to inform the public about the Asian Longhorned Beetle, an invasive and destructive species that is a threat to trees throughout Northeastern Illinois.

This outstanding educational poster was designed in-house by the District's Conservation and Forestry Departments. District staff Naturalist/Artist Nancy Halliday created artwork; and the Illinois Department of Agriculture assisted with information, specimens and expertise.

Hulden Graphics, located in Crystal Lake, Illinois, scanned the artwork and printed 4,000, 18"x26" posters, then shipped them to the District warehouse in Maywood.

This poster will be distributed in all Cook County schools, municipal organizations, environmental facilities and other locations where this information will help inform the public of the threat posed by this destructive pest.

2. **Enclosed:** 10 Posters (in lieu of slides per Dan Kirk)

3. **Expenditures:**

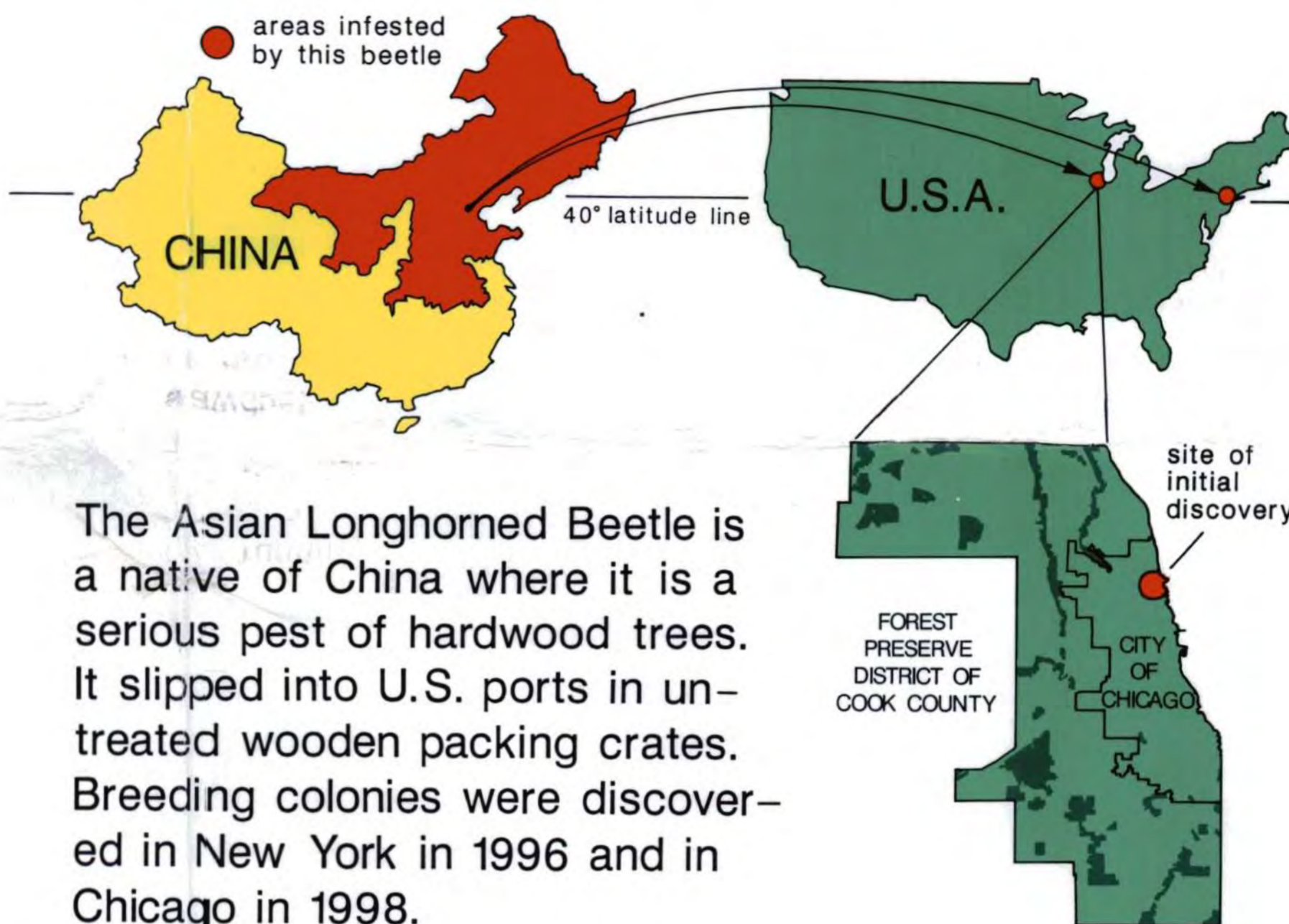
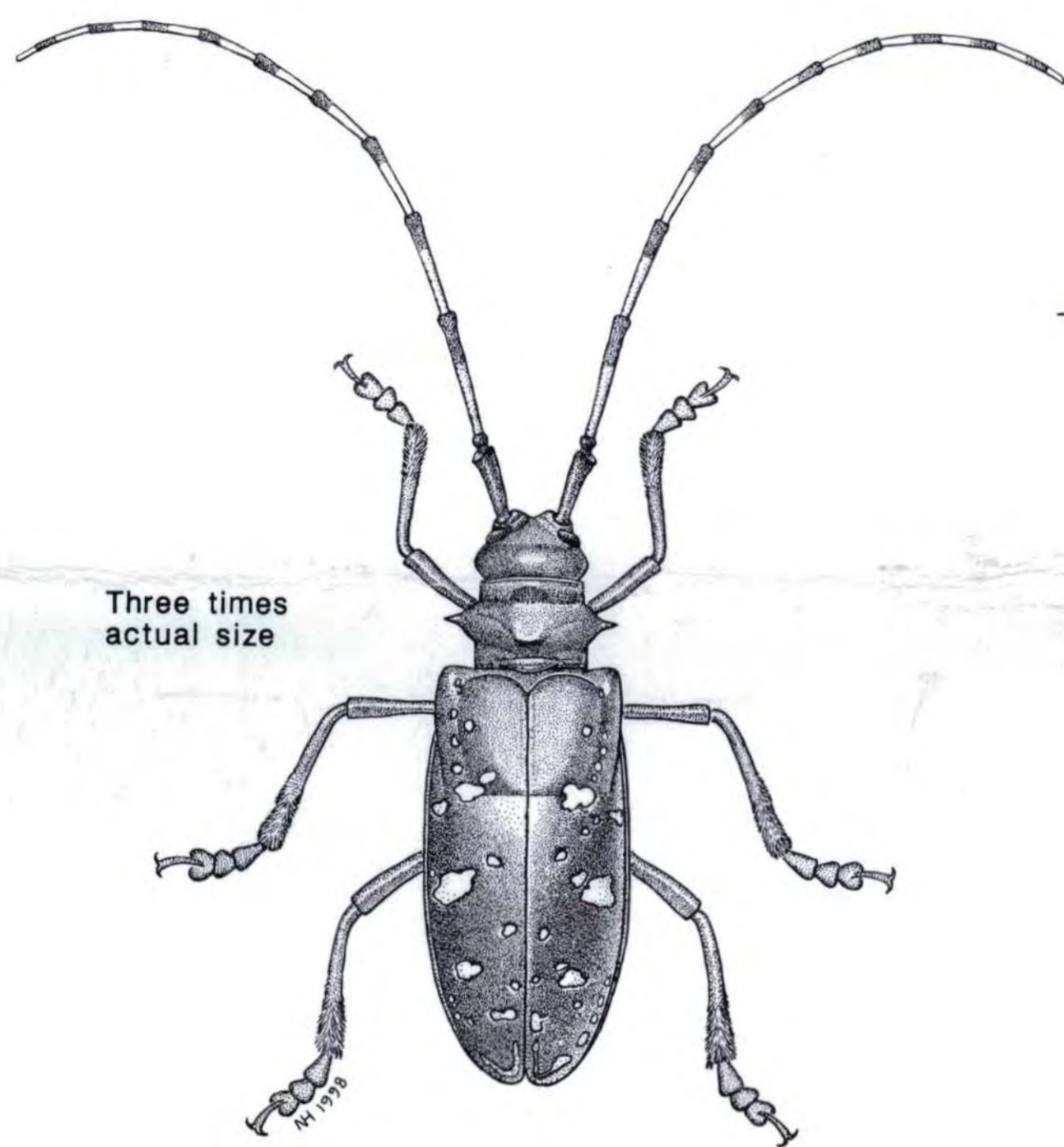
Printing costs:	\$3,122.00
Shipping fees:	\$78.65

<u>Total expenditures:</u>	<u>\$3,200.65</u>
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4. **Reimbursement request:** \$1,000.00

Submitted by: Cathy Geraghty, Director of Grant Development, 708.771.1097

THE ASIAN LONGHORNED BEETLE



The Asian Longhorned Beetle is a native of China where it is a serious pest of hardwood trees. It slipped into U.S. ports in untreated wooden packing crates. Breeding colonies were discovered in New York in 1996 and in Chicago in 1998.

LIFE CYCLE OF THE ASIAN LONGHORNED BEETLE

The female beetle lays an average of 68 eggs deposited singly in oval to round holes that she chews in the bark of living trees.

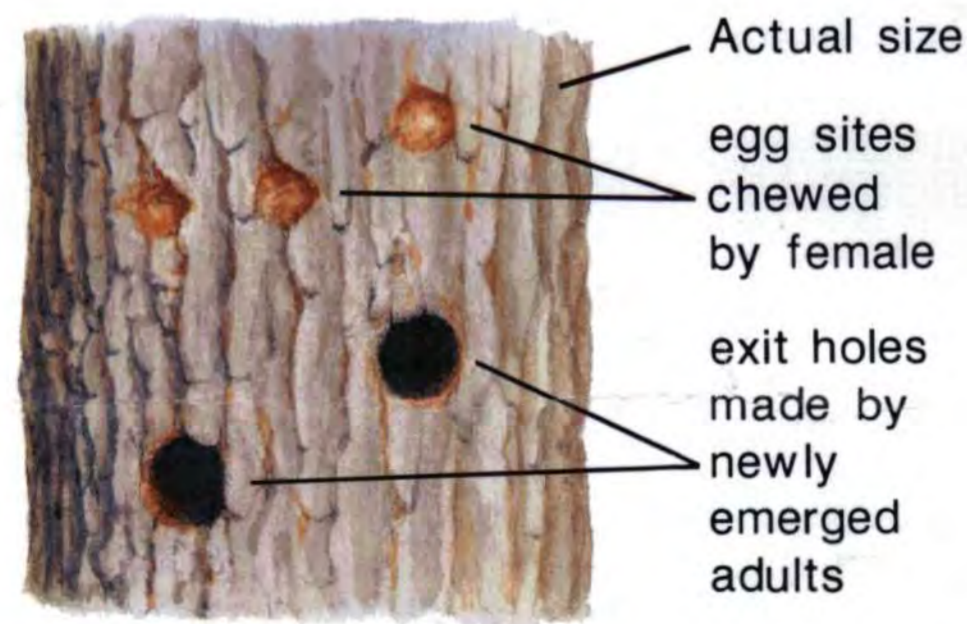


Hatching after 11 days, the larvae feed first under the bark, then burrow deeper into the tree, making larger and larger tunnels as they grow to their final length of two inches. Finally they pupate, transforming into adult beetles that chew their way out through a 1/2 inch exit hole.

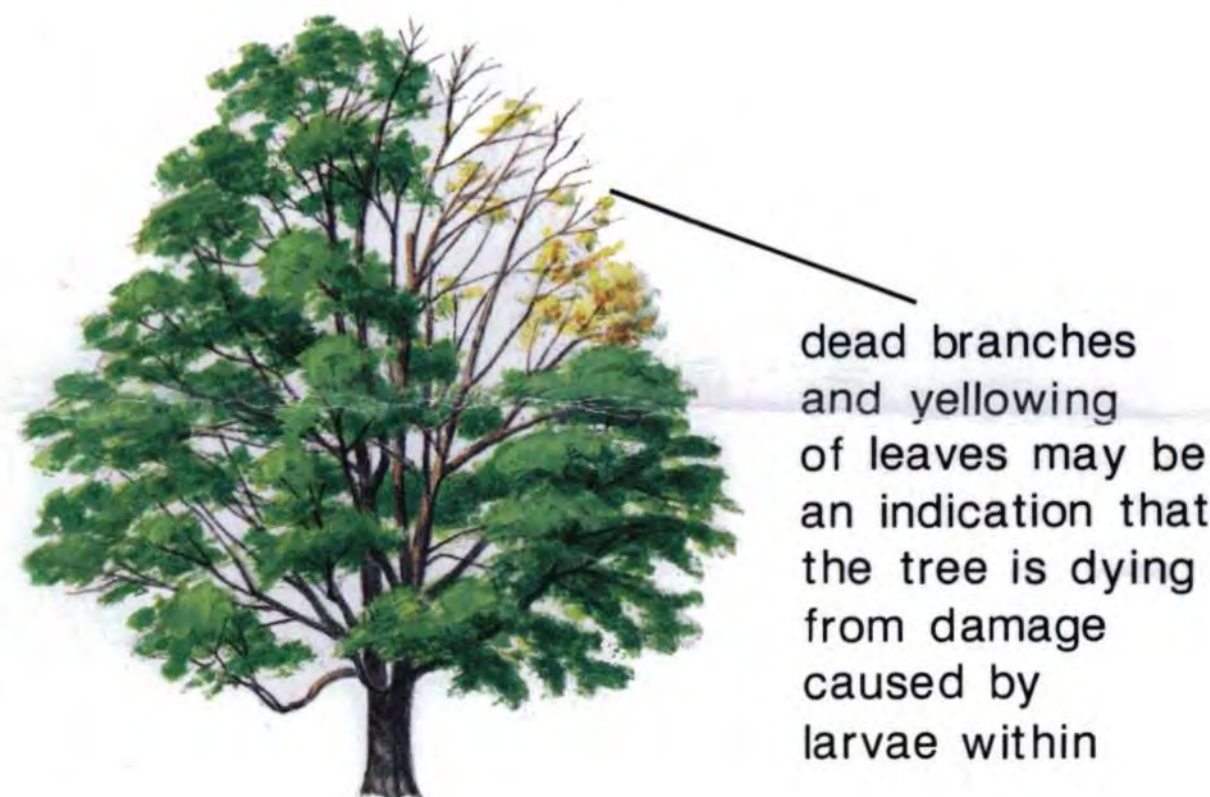
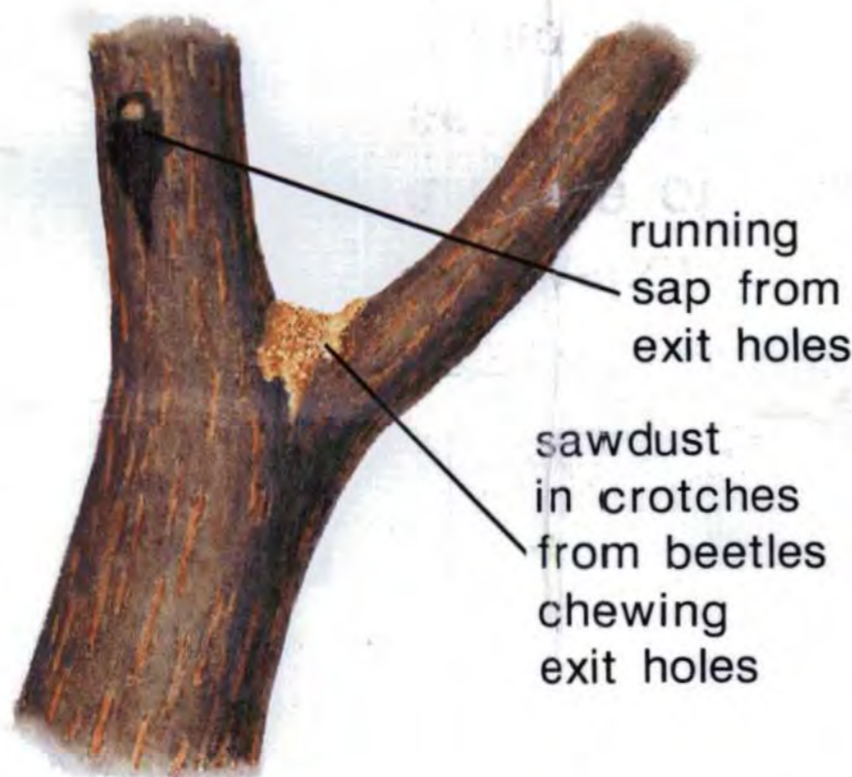
Until scientists find effective controls to prevent the spread of this beetle, all infested trees must be destroyed.

Species of trees susceptible to attack include: maple, boxelder, poplar, elm, willow, mulberry, honey locust, horse-chestnut, and fruit trees.

SIGNS OF THE ASIAN LONGHORNED BEETLE



Note: holes may be hidden in upper branches



THIS BEETLE IS A SERIOUS THREAT TO OUR HARDWOOD FORESTS! IF YOU SEE THIS BEETLE OR ITS SIGNS, CALL THE ILLINOIS DEPARTMENT OF AGRICULTURE AT: 1-800-641-3934 or (847) 294-4343 OR THE FOREST PRESERVE DISTRICT OF COOK COUNTY AT: (708) 771-1180



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