DOF and Citizens Associations

- Management plans for common area trees
- Educational programs – environmental, tree benefits and tree care
- Newsletter content
- Tree planting
- Homeowner advice on tree care – limited
- Available evenings and weekends
Emerald Ash Borer
Northern Virginia Urban forest Roundtable
September 18, 2008
JIM McGLONE, URBAN FOREST CONSERVATIONIST
Emerald Ash Borer

- Native to North East Asia
- First Appeared in Detroit Area
- Probably Entered in Packing Material
- No Forestry Remedy
- Arboricultural Remedy - Yearly Injection/Root Soaks
- Only Attacks Ash (Fraxinus spp.)
Cooperative Emerald Ash Borer Project
EAB locations in Illinois, Indiana, Michigan, Maryland, Ohio, Pennsylvania, West Virginia and southwest Ontario, Canada
May 1, 2008
A. Bronze Birch Borer
B. Two-lined Chestnut Borer
Emerald Ash Borer
Exit holes D-shaped
No frass or pupal cases

Clearwing Borers
Exit holes round or oval
Frass on bark and ground
Pupal cases

Michael Raupp
Emerald ash borer
Shape: D-shaped
Width: 3 mm (1/8")

Banded ash clearwing borer
Shape: Round
Width: 6 mm (1/4")

Redheaded ash borer
Shape: oval-round
Width: 6 mm (1/4")
How it Gets Around

- Adult Flight - .5 to 2 mile
- Infested Firewood
- Infested Ash Logs
- Infested Ash Nursery Stock
- Infested Large Ash Wood Chips (>1 inch in more than 1 dimension)
Quarantine

- All Hardwood Firewood
- All Wood Chips
- All Ash Nursery Stock
- All Ash Roundwood
- Does Not Apply Within Boundaries (Arlington, Fairfax, Fauquier, Loudoun, Prince William)
What’s At Risk

- All Ash Trees
- Ash is 1.5% of Forest Resource in Virginia - Mostly Scattered
- Lots of Ash Street Trees
- Grey Ash Sphinx Moth
What To Do

- Inventory Ash Street Trees
- Plan for Eventual Removal
- Set Aside Funds, Like for Capital Expense
- Consider Inter-planting Replacement Trees Now
- NO MONOCULTURES
Opposite Leaves

Tree ID Photos Courtesy of Va Tech Dept. of Forestry
Alternate Leaves

Black Walnut

Ailanthus

Virginia Cooperative Extension
Box Elder
Opposite Leaves

Hickory
Alternate Leaves