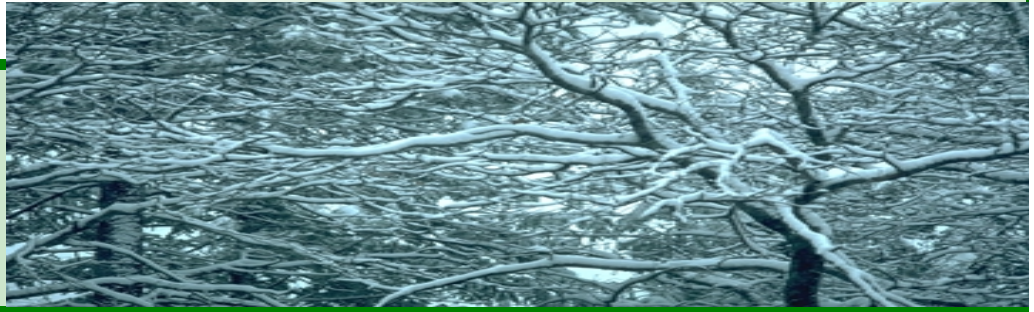




Did you know...?

Ash species comprise up to 30 percent of Southern Ontario's forest cover and up to 10 percent of trees in the province's urban centres.



Commonly Asked Questions

What is happening with municipal tree-protection bylaws in Ottawa?

Over the last several years there has been much publicity about municipal bylaws concerning trees in Ottawa. Most of this publicity has centred around the fact that Ottawa, unlike most other major metropolitan centres in Canada, didn't have effective legislation which prohibits the destruction of significant trees, or the environments in which they grow. This fact came to light in the aftermath of the "Kanata Tree Massacre" in the spring of 2002.

This is about to change.

It is anticipated that City of Ottawa Council will pass the Good Forestry Practices Bylaw this spring. This bylaw will apply to lands within and adjacent to Sensitive Natural Areas as identified in the City of Ottawa's Official Plan. If the "destruction, injuring or harvesting" of trees is to occur within these areas there must first be an approved cutting plan in place that will ensure that the area will be harvested in a sustainable fashion. A permit will be issued by the City when the plan is approved by a member of the Ontario Professional Foresters Association, typically a Registered Professional Forester (RPF). If cutting takes

place in these areas without a permit, or the plan is not followed, then charges can be laid and offenders fined up to a maximum of \$10,000 per tree. It is anticipated that this bylaw, when passed, will come into effect on May 1, 2005.

While not specifically written to address the destruction of single trees on private property, this bylaw does apply to areas within 120 metres of the boundary of areas designated as Significant Wetlands and within 30 metres of the boundary of an area designated as a Natural Environment Area, or an Urban Natural Feature. This would impact upon private properties which include or bound such areas. In these instances, the removal of trees on private property would be subject to the regulations within the Bylaw.

Perhaps a larger influence of this Bylaw is the anticipated future passing of a private tree bylaw in Ottawa. If Council decides to enact a similar bylaw to that recently made effective on private property in Toronto, a permit will be required to injure or destroy any tree larger than 30 cm in diameter.

The passing of tree and forestry practices bylaws will mark a significant change to the way trees in Ottawa are regarded. Hopefully, the result will be the proper management of woodlots and the retention of more mature trees.

What is the Emerald Ash Borer and does it pose a threat to trees in Ottawa?

A serious concern for anyone in the tree or forest industry in Ontario is the spread of the Emerald Ash Borer (EAB). This insect, like the Asian Long-horned Beetle (see Forestry Facts, Spring 2004), is native to China and eastern Asia. It is thought to have spread to North America in wood used as packaging.

So far this pest has killed over 7 million ash trees in Michigan and an estimated 100,000-200,000 ash trees are infested in Essex County, Ontario.

In response to this threat the Canadian Food Inspection Agency has restricted the movement of ash wood, logs and nursery stock from Essex County and has established a "firebreak", or ash-free zone, along the leading edge of the infestation. Within this approximately 10- by 30-km zone, roughly 70,000 ash trees are being cut down and chipped.

Even in the face of such aggressive efforts, in the fall of 2004 a new infestation was found east of the firebreak. Experts are now predicting that it is unlikely that the EAB will ever be completely eradicated from North America.

TREEVIA

The Emerald Ash Borer and Asian Long-horned Beetle threaten the Canadian hardwood forest products industry which is valued at what annually? A) \$1.4 Billion; B) \$600 Million; C) \$2.1 Billion



Integrated Forestry Services Inc.

is a full-service forestry firm offering tree care and forest management contracting. We are a fully Canadian-owned and operated company. On staff, we have a Registered Professional Forester (RPF), Certified Arborists and forestry technicians. We are the only tree care firm in Ottawa to offer the services of a Registered Professional Forester. We also guarantee that all of our working arborists have college-level training in either Arboriculture or in Forestry, or both.

Integrated Forestry Services Inc.: About Us

Just as with trees in forests, those in our urban forest provide many benefits including producing the oxygen we breathe and reducing carbon dioxide. However, because of their proximity to buildings, roads, sidewalks and the property of others, trees in urban areas need to be maintained to ensure that they don't cause conflicts, or worse, catastrophes. This is where **Integrated Forestry Services Inc.** can help. We provide a complete line of tree services including:

Tree Maintenance Programs

- ✓ Tree and shrub pruning
- ✓ Tree and stump removal
- ✓ Hedge trimming
- ✓ Tree planting
- ✓ Cabling, bracing and propping (including storm damage repairs)
- ✓ Deep-root fertilizing
- ✓ Installation of root barriers
- ✓ Root pruning
- ✓ Disease and insect control
- ✓ Systemic injections

Commercial & Residential Inventory Management

- ✓ Tree evaluation and hazard assessment
- ✓ Tree inventories and maintenance scheduling
- ✓ Tree preservation during construction
- ✓ Soil testing (for macro- and micro-nutrients, pH, texture, etc.)
- ✓ Disease and insect diagnostic services
- ✓ Tree appraisals
- ✓ Property assessments and consultations for individual trees and those in woodland settings

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We are members of:



New for 2005...

Due to increased public pressure to safely retain mature and significant trees in urban areas, we have purchased a Resistograph decay detector. This tool finds and accurately quantifies, wood decay, rot, cavities and cracks within trees and wooden structures (i.e. hydro poles, structural supports, etc.). It is also sensitive enough to analyze an-

nual ring structures and determine growth tendencies according to the width of annual rings. The Resistograph system is based on a drilling resistance measuring method. A drilling needle with a diameter of 1.5 mm to 3.0 mm penetrates into wood with a regular advance speed, and the drilling resistance is measured. The data is recorded on a

wax paper strip. The advantages of the Resistograph are: the wood will only be insignificantly injured, and the drilling hole closes itself due to a special drilling angle that was customized for the drill bit.

Give us a call to find out more about testing your trees for their structural soundness.