

## The Akwesasne Mohawks, the State University of New York – College of Environmental Science and Forestry Ranger School, and the New York State Department of Environmental Conservation Collaborate to Plant Black Ash Seedlings

A tree planting project, on May 4<sup>th</sup>, 2009, was the culmination of many years of cooperative efforts between the Akwesasne Mohawks, the State University of New York, College of Environmental Science and Forestry Ranger School in Wanakena, New York, the New York State Department of Environmental Conservation Saratoga Tree Nursery and New York State Department of Environmental Conservation Region 6 Forestry staff. An Adopt-a-Natural Resource Stewardship Program Agreement has been in place between the Akwesasne Mohawks and New York State Department of Environmental Conservation, in which the Mohawks have adopted several black ash sites on state forest lands in St. Lawrence County. This ongoing agreement is designed to implement silvicultural activities aimed at perpetuating and propagating black ash. Additionally, in 2007 the St. Regis Mohawk Tribe received funding through the U.S. Fish and Wildlife Service's [Tribal Wildlife Grants](#) program to parallel this effort by continuing its partnership for hardwood wetlands habitat restoration and management.



*Richard David keeps an eye on the planting activities.*

Because of its special qualities, black ash is the tree of choice for Northeast Native Americans, including the Akwesasne Mohawks, for producing splint basketry. Black ash growth rings are easily separated by pounding with the back of an axe; the splints produced are flexible when moistened and become very strong once woven into a basket and dried. Mohawks produce baskets both for utilitarian purposes and as art. Many people are familiar with the pack baskets crafted with sturdy, tightly woven black ash splints that are used by hunters and trappers. Collectors prize the “sweet grass” basket that makes use of finer, more delicate splints (some brightly dyed) interwoven with braids of an aromatic grass.

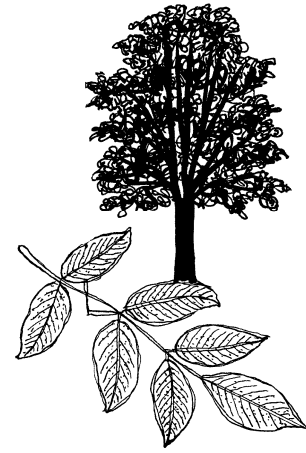


*State University of New York, College of Environmental Science and Forestry Ranger School students (foreground) and Mohawk crew (background) at work planting.*

From a cultural standpoint, black ash provides a foundation for the cultural identity of the Akwesasne Mohawks through unique designs in artful expression, such as the “strawberry basket,” which is woven into the shape of a strawberry, another important cultural plant. In addition to cultural expression, families and community are literally woven together, with traditions passed on through story telling and interaction while log gathering, log pounding, splint cleaning and basket making.



Black ash is a swamp hardwood species which often grows on sites that are seasonally flooded and usually are very wet. It is typically not noted as a valuable commercial specie, since harvest by mechanized logging equipment is usually impossible due to the wet site conditions where it grows. Portions of New York State Forest lands are located in close proximity to the Akwesasne Mohawk Reserve. Some of these lands support populations of black ash. Not every black ash tree can produce basket material; it is a rare tree that has the quality to be a “basket tree.” In order to produce good splints, the tree must be a very high quality specimen, one with a perfectly straight bole free of branches and any defect. It must also have evenly spaced, consistent width growth rings. Good basket trees are hard to find.



Given the fact that black ash occur on New York State Forest lands, the stewardship agreement was originated in hopes of working with that resource to produce more black ash, and more high quality basket trees. Over the years, the partners have set up study plots, completed several different silvicultural thinnings, and identified and inventoried many stands of black ash on state forest lands. Dr. Michael Bridgen of the State University of New York, College of Environmental Science and Forestry Ranger School and his classes of students have assisted with the inventory and thinning on plots. Mohawk Forest Technician Patrick Kelly and his crew have accomplished the thinning work on many of the sites. The partnership is breaking new ground, as little is known or published concerning the silviculture associated with improving black ash.



The planting that took place on May 4<sup>th</sup> complimented work done years earlier by Les Benedict and Richard David, two Mohawk men who have devoted themselves to all aspects of black ash culture and basketry. They have collected black ash seed for many years, with ladders, tarps, pruning poles and high rubber boots in swamps ranging from Akwesasne to Manitoba, Canada.

*Dr. Michael Bridgen (left), State University of New York, College of Environmental Science and Forestry Ranger School and his students (center) and Mohawk crew (right) at work planting.*





In closing, the project overall and the planting, in particular, occurred through partnering with the New York State Department of Environmental Conservation and Saratoga Tree Nursery, who each year provides quality nursery stock from seeds collected by the Akwesasne Task Force on the Environment. The nursery provides the trees at greatly reduced cost and, in fact, donated this lot of trees to the project. The Akwesasne Task Force on the Environment and a private company donated the tree tubes and tree stakes. The American Friends Services Committee, a Quaker organization, supports the Akwesasne Task Force on the Environment. The Mohawk Council of Akwesasne also donated labor. And lastly, many thanks go out to the State University of New York, College of Environmental Science and Forestry Ranger School students who provided the manpower under the direction of Dr. Bridgen.



*State University of New York, College of Environmental Science and Forestry Ranger School Ranger School students and Mohawk planting crew at day's end.*

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