

Non-Timber Forest Products in the Sugar Bush

Improvement and Development of New Brunswick Sugar Bush Resources Project

Speaker : Robbie Ritchie, Technological Transfer Officer

during the provincial workshop, *Agroforestry Serving Communities*



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Non-Timber Forest Products in the Sugar Bush

- **Project Objectives**

- Add economic value to the sugar bush businesses through development, research and technological transfer
- Showcase and transfer innovative techniques and operational production methods to cultivate NTFP

Non-Timber Forest Products in the Sugar Bush

- Project Summary

- In Partnership with the *Érablière de la Montagne Verte*

Owners : Chantale et Patrick Lévesque

- 4 years Project that started in early Spring 2005

- Five projects:

- ❖ Land inventory and resource potential
- ❖ Non-timber forest products in sugar bush
- ❖ Alternative silviculture
- ❖ Maple bush fertilization
- ❖ Knowledge transfer to Sugar Bush owners

Non-Timber Forest Products in the Sugar Bush

- NTFP Context

- Increasing world demand for NTFP (2 to 3X)
- Required training for resources sustainability
 - ❖ Artificial vs natural culture
 - ❖ NTFP inventory and production techniques
- Complementary production to maple syrup in order to improve the commercial situation (added value to the enterprise and increased jobs)

Source : Barry, R. 2005. Mise en valeur et développement des ressources du territoire acéricole du N.-B. Proposition préparée pour la Faculté de foresterie, campus d'Edmundston, 25 p.

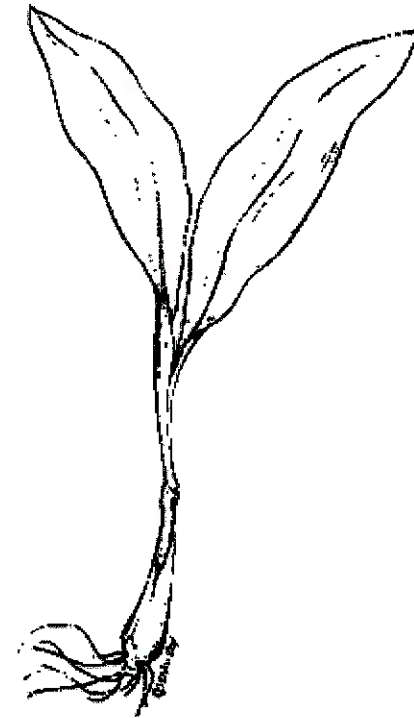
Non-Timber Forest Products in the Sugar Bush

- Indian Cucumber Root (*Medeola virginiana*)
Médéole de Virginie



Non-Timber Forest Products in the Sugar Bush

- Wild Leek (*Allium tricoccum*)
Ail des bois



Source : <http://www.mddep.gouv.qc.ca/biodiversite/especes/ail/ail.htm>

Non-Timber Forest Products in the Sugar Bush

- Ginseng (*Panax quinquefolium*)



Source : http://www.chen.qc.ca/ginseng_cycle_vegetatif.htm

Non-Timber Forest Products in the Sugar Bush

- Edible Mushrooms

Experimental Designs



Non-Timber Forest Products in the Sugar Bush

- Edible Mushrooms

Oyster Mushrooms (*Pleurotus ostreatus*)



Source : <http://armorance.free.fr/valchamp/champi62.htm>

Non-Timber Forest Products in the Sugar Bush

- Edible Mushrooms

Shiitake (*Lentinula edodes*)



Source: R.Ritchie, Forêt expérimentale, Faculté de foresterie, UMCE

Non-Timber Forest Products in the Sugar Bush

- Edible Mushrooms

Hericium (Hericium sp.)



Source : http://www.mushroomexpert.com/hericium_americanum.html

THANK YOU
AND HAVE A
NICE DAY!