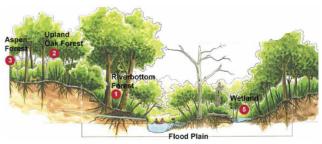
## Nature Manitoba

*Bois des Esprit* A Botanical Walk with Charles Burchill June 17, 2010.



The Bois des Esprit is a ~47 hectare (117 acre) riparian woodland located primarily on the east shore of the Seine River, Winnipeg, between John Bruce road and Shorehill drive. This forest represents the longest continuous protected woodland in Winnipeg. A protection plan was started in 2001/2 and was identified as a 'park' in 2004. In 2007 a trail and sustainable development plan was proposed in collaboration with the City of Winnipeg, Save our Seine, and other groups. The current 2km crushed limestone trail was completed in 2009 as part of the ongoing plan.



When walking the path watch for the forest 'spirits' or sculptures carved into the dead stems or trunks of many of the trees.

This forest hosts five broad plant communities: river bottom, wetland, oak forest, aspen forest, and grassland. It is home to over 100 plant species, 24 mammals, 149 bird and water fowl, 5 amphibian, and 6 fish species. The area is well represented by Oaks, Trembling Aspen, with some Maples, Cottonwood, Ash, and Elms near the river and wetlands. The mature trees found in several long term monitoring plots are fairly uniform in size and age (~75 years); the forest fairly young. Within the forest there are 10 heritage trees with many more, including Winnipeg's largest tree, found elsewhere along the river. Although the forest appears to be pristine, and for an urban area it is, things are not always as they appear. There are relatively few Elm trees in the river bottom forest due to the removal from Dutch Elm disease. If you look closely at the bark of the Oak trees in the upland forest you will see many small orange and yellow lichens – more pristine forests have many larger green and grey shield lichens that are not found here.

# Fast Facts:

#### Bur Oak (Quercus macrocarpa Michx.)

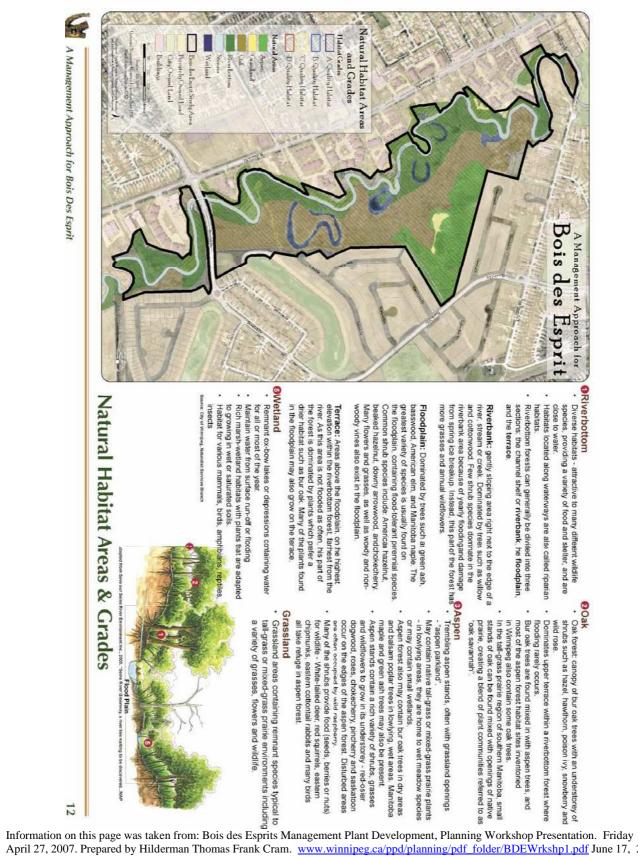
Largest acorns of all the oaks, drought and fire resistant, can live as long as 300+ years, predominates on the high terraces on the edge of flood plains, often grows in almost pure stands or alone but will associate with other trees, it is a pioneer species, growing across most of eastern North America.

#### Trembling Aspen (Populus tremuloides Michx.)

Clonal species, leaves tremble in the breeze due to flat petiole (stem), most widely distributed tree in North America, in southern MB small scrubby tree but can be larger – 30m tall,

### Further Information:

http://home.cc.umanitoba.ca/~burchil/plants/bois\_des\_esprit/



April 27, 2007. Prepared by Hilderman Thomas Frank Cram. www.winnipeg.ca/ppd/planning/pdf\_folder/BDEWrkshp1.pdf June 17, 2010