

National Capital's 3 Major Eco-Corridors

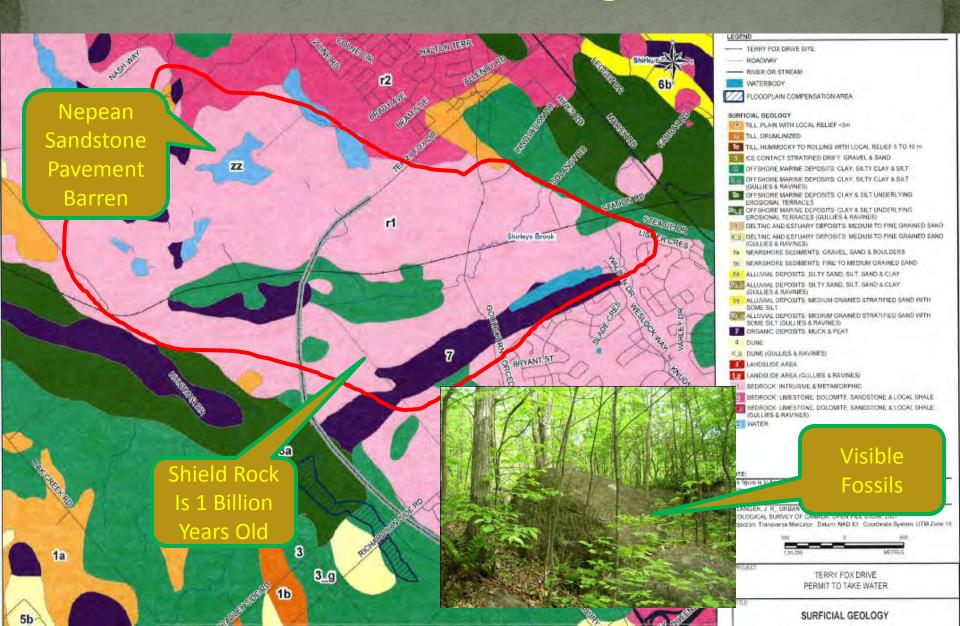




South March Highlands

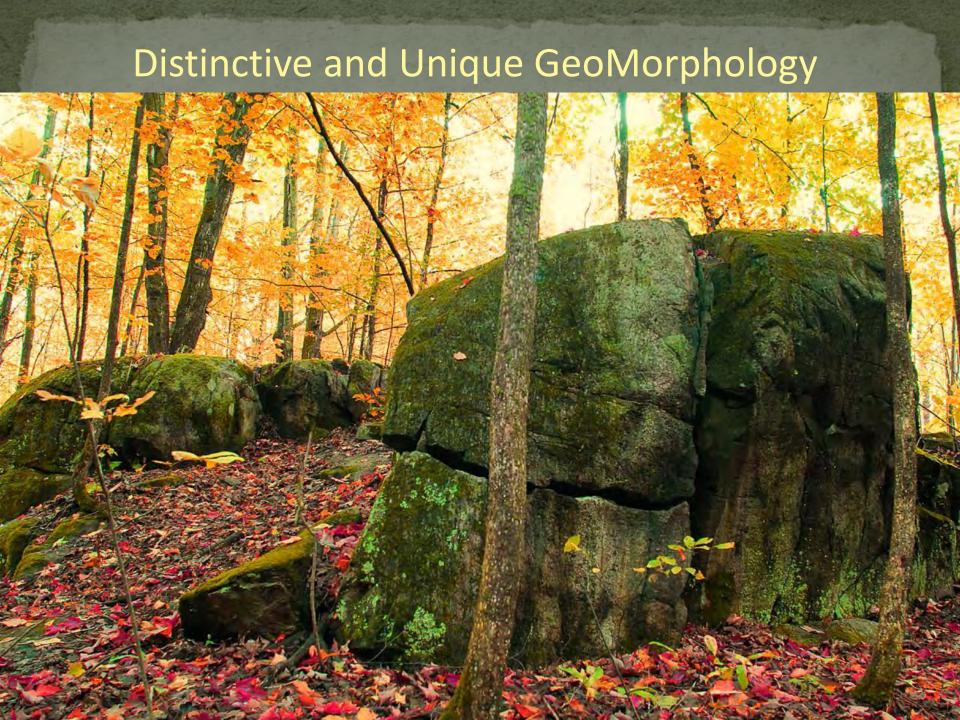


Rich GeoHeritage



Only Location In Ottawa with Exposed Canadian Shield





Glaciation & Ancient Sea on Display



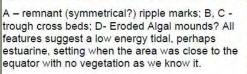


In area B, glacial chatter marks (above); striations (top right) and crescent gouges are evident. Only chatter marks and crescent gouges provide ice movement direction. The striated surface retains a remnant mm-thick glacial pavement of semi-fused quartz grains.











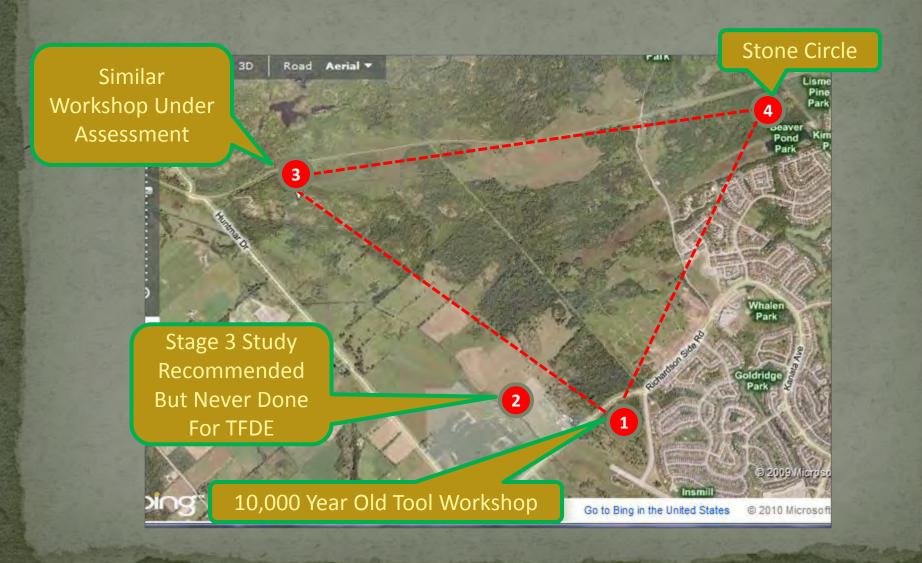
Prehistory of Ottawa



Dr. Robert McGhee:

... the rocky upland areas should be considered to be of high potential for occupation by early postglacial sea mammal hunters along subsequent shorelines as local sea levels dropped from about 120 m above current sea level at around 11,000 radiocarbon years ago, to 90 meters above sea level at some time around 9,000 years ago.

Cultural Heritage Known Archaeological Sites In SMH



500 Generation Old – Chopping Tool



Bi-Face indicates Paleo-Archaic Indian

Elevation at location (1) indicates approximate age as 10,000 BCE



500 Generation Old – Chiselled Core



Quartz indicates Paleo-Archaic Indian

Similar site at location (3) to location (1)

Elevation indicates approximate age as 10,000 BCE



Euro-Canadian Sites Too



McMurtry's Tannery (Circa 1860)

Also:

- Several 19th Century homestead sites dating back to 1820 (as old as Pinhey's Point)
- Richardson Stone House dating back to approx. 1860 (as old as the Log Farm)
- A Feldspar Mine dating approximately to 1919-1921 (unique in Ottawa)

Ontario Archaeological Society

- The Ottawa Chapter, Ontario Archaeological Society (OAS) sympathizes with [the] cry of frustration over the inadequacy of existing protection for archaeological and architectural sites in Ottawa and the province of Ontario
- Heritage organizations and the community as a whole are coming to realize that they and future generations are losing irreplaceable features through uncontrolled commercial expansion.
- The motion adopted in September by the City of Ottawa Arts, Heritage and Cultural Committee obviously needs some teeth as well as good intentions

Glenna Roberts, Ottawa Chapter, OAS



Provincially Significant Life Science Area

895 Hectares Rated ANSI

Highest Floristic Diversity of Any Natural Area in Ottawa

> 5.08 = Highest Coefficient of Conservation in Ottawa

440 Species
Native Vascular Plants

26 Species
Traditionally Used for
Native Medicine

2 Endangered 6 Provincially Rare 64 Regionally Rare 50 Uncommon Native Vascular Plants

Ponds, Meadows & Forests







"Trillium Woods, which is like a chunk of the Gatineau in the urban landscape of Ottawa, with rich plant and animal life found nowhere else in the urban part of the City"

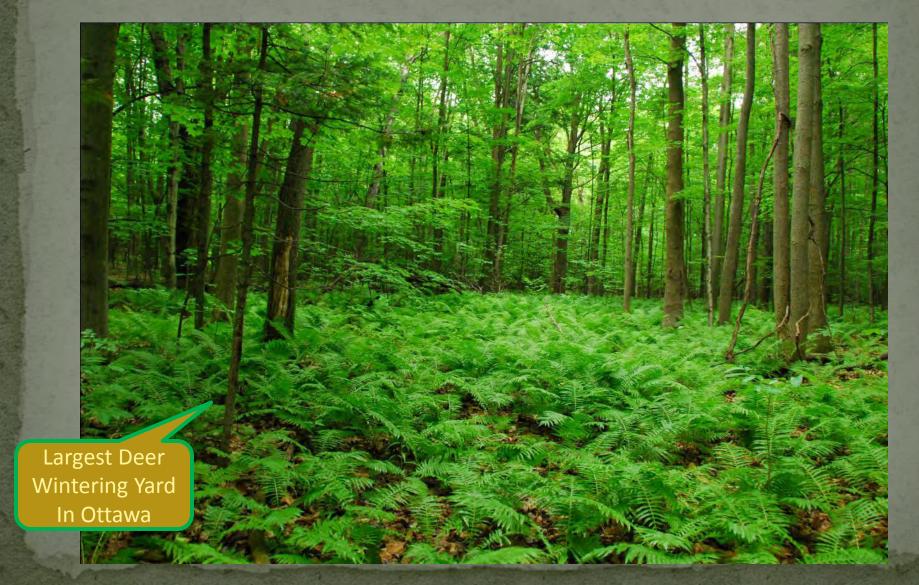
Ottawa Urban Natural Areas Environmental Evaluation

[Muncaster & Brunton, 2008]

Old Growth Commonly Found



No Comprehensive Biological Survey



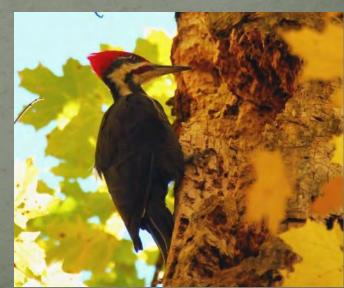
+ Provincially Significant Wetland Complex 114 Hectares 164 Avian Species Rated ANSI Observed 1 Endangered 4 Threatened 5 Special Concern 30 Regionally Rare Avian Species

136 Bird Species Nest in the SMH









Undocumented Number of Vernal Pools



20 Known Species At Risk

Endangered or

Threatened

- American Ginseng
- Butternut
- Loggerhead Shrike
- Bobolink
- Whip-poor-will
- Golden Winged Warbler
- Olive Sided Flycatcher
- Western Chorus Frog
- Blanding's Turtle
- Eastern Musk Turtle
- Chimney Sweep

Special

Concern

- Bridle Shiner
- Short Eared Owl
- Black Tern
- Common Nighthawk
- Snapping Turtle
- Eastern Milksnake
- Monarch Butterfly
- Bald Eagle
 - Red Headed Woodpecker

11 Species Already Extirpated From SMH

- Cathcart's Woodsia
- Oregon Woodsia
- Spiny Coon-tail
- Adder's-tongue Fern
- Back's Sedge
- Large Duckweed
- Long-spurred Violet
- Showy Orchis
- Southern Arrow-wood
- Strawberry-blight
- Virginia Spring Beauty



18 Candidate SAR Also Found in SMH

- Evening Grosbeak
- Eastern Wood Peewee
- Wood Thrush
- Bank Swallow
- American Bullfrog
- American Kestrel
- Belted-Kingfisher
- Eastern Red-Backed Salamande
- Field Sparrow

- Blue-Spotted Salamander
- American Toad
- Bluntnose Minnow
- Boreal Chickadee

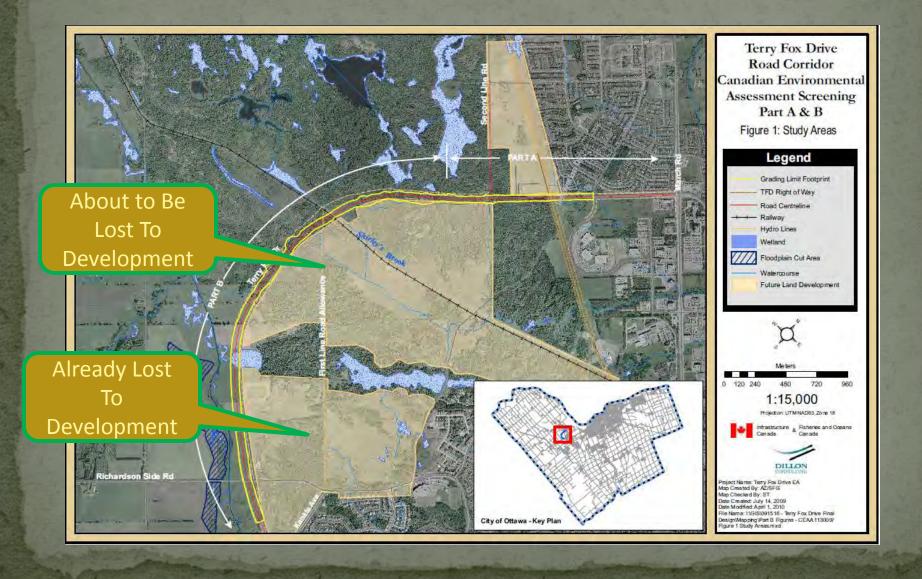
<u>(illdeer</u>

Midland Painted Turtle

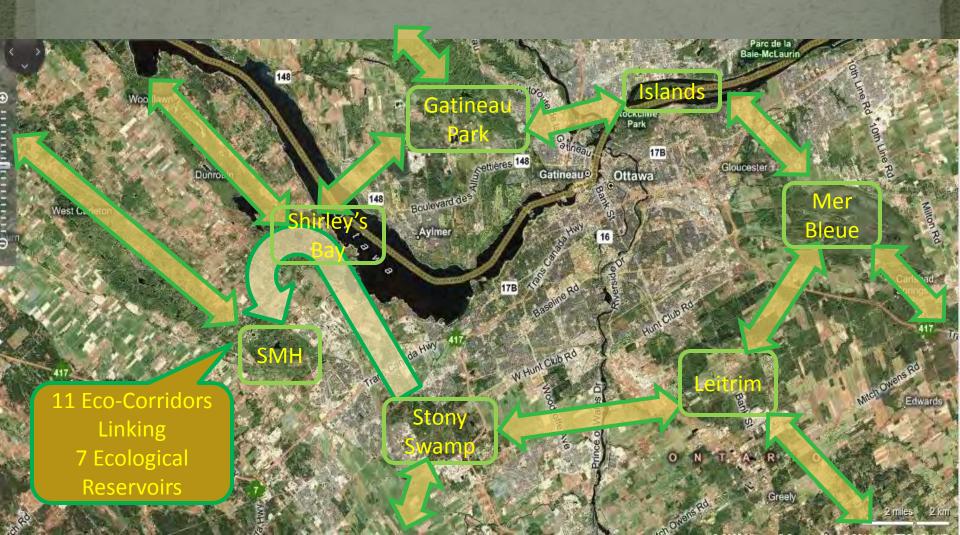
Northern Two-Lined Salamander

- Green Frog
- Wood Frog

Development Threatens ½ The SMH



Alternative Vision of Eco-Corridors Revitalizing The Emerald Necklace



Opposition to Development

- Coalition To Protect South March (5000+ people)
- David Suzuki Foundation
- Sierra Club of Canada
- Greenbelt Coalition
- Canadian Parks & Wilderness
- Federation of Community Associations
- Green Party of Canada
- Ottawa Riverkeeper
- Ecology Ottawa
- Ottawa Valley Field Naturalists
- Ottawa Carleton Wildlife Centre
- Greenspace Alliance
- and many others



