

National Capital's 3 Major Eco-Corridors

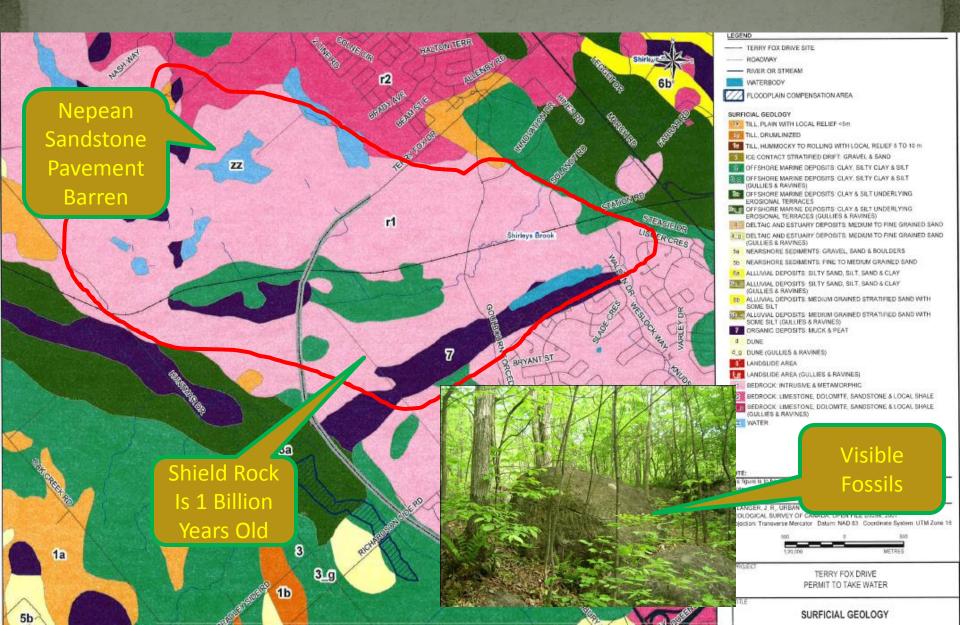




South March Highlands

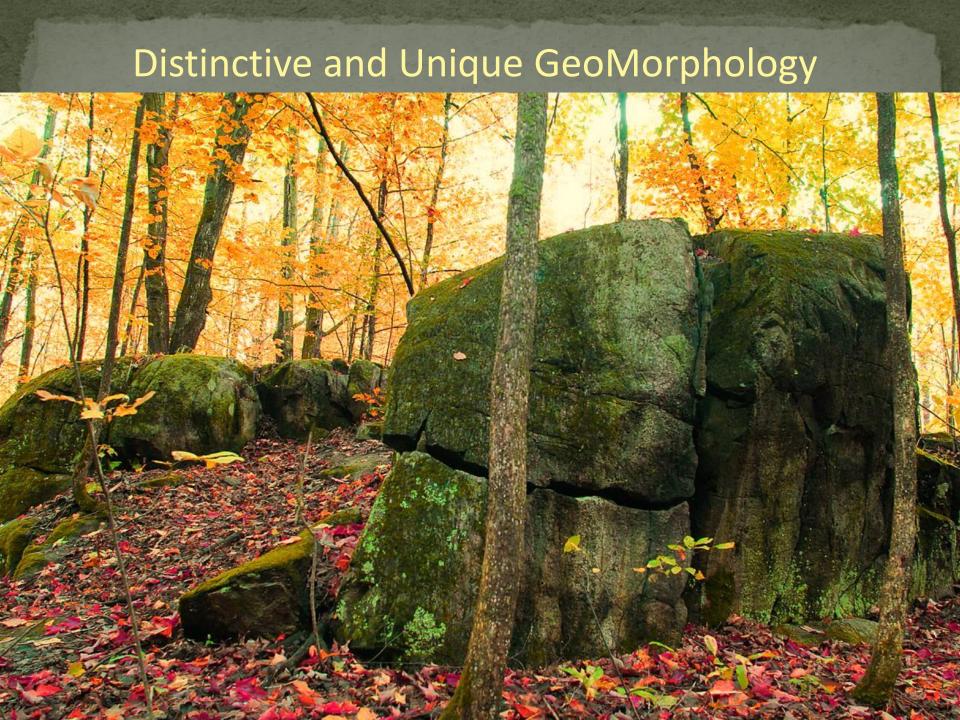


Rich GeoHeritage



Only Location In Ottawa with Exposed Canadian Shield





Glaciation & Ancient Sea on Display

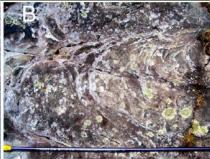


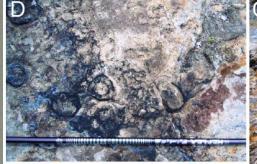


In area B, glacial chatter marks (above); striations (top right) and crescent gouges are evident. Only chatter marks and crescent gouges provide ice movement direction. The striated surface retains a remnant mm-thick glacial pavement of semi-fused quartz grains.











A – remnant (symmetrical?) ripple marks; B, C - trough cross beds; D- Eroded Algal mounds? All features suggest a low energy tidal, perhaps estuarine, setting when the area was close to the equator with no vegetation as we know it.

Cultural Heritage Ancient Archaeological Sites



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)



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







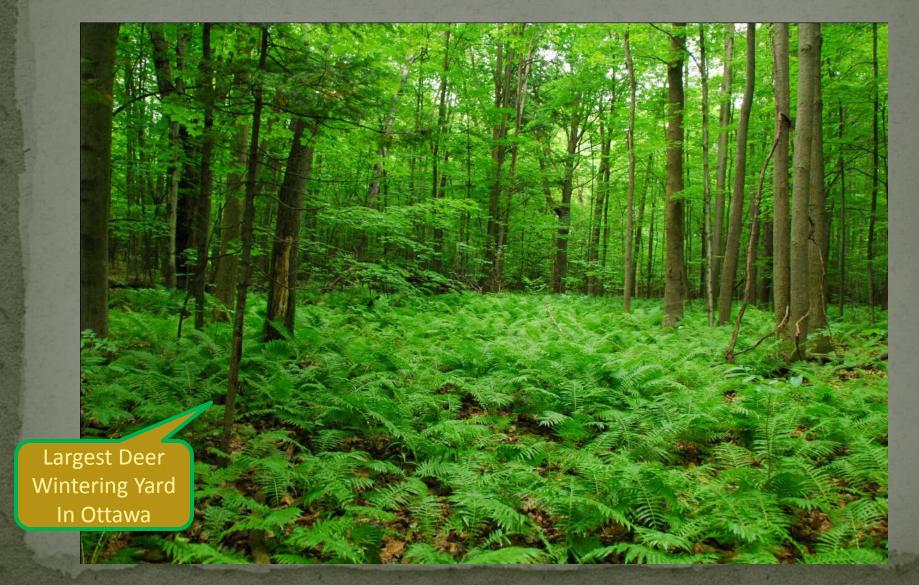
"Trillium Woods, which is like a chunk of the Gatineau in the urban landscape of Ottawa, with rich plant and animal life found nowhere else in the urban part of the City"

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

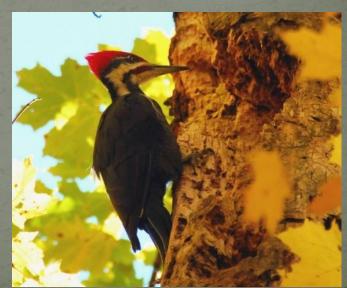


136 Bird Species Nest in the SMH









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

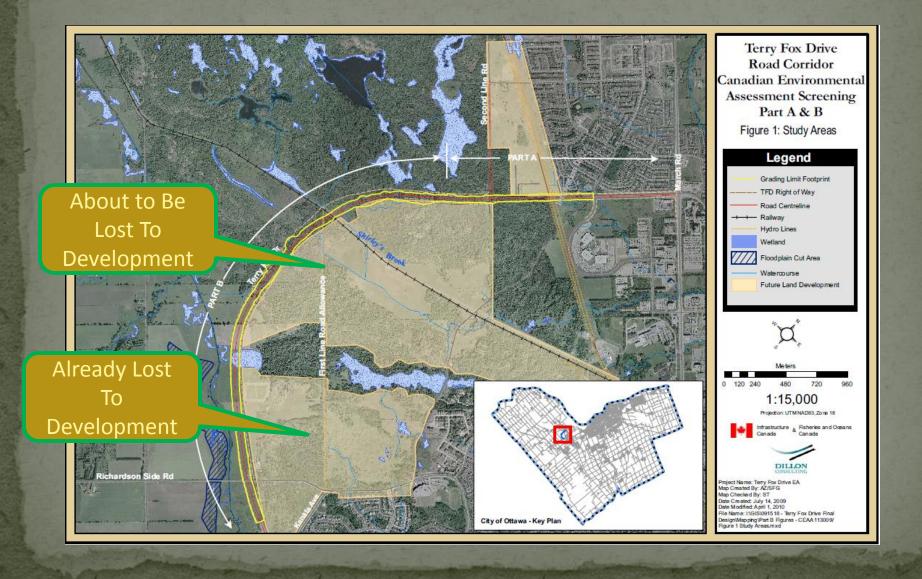
Killdee

Midland Painted Turtle

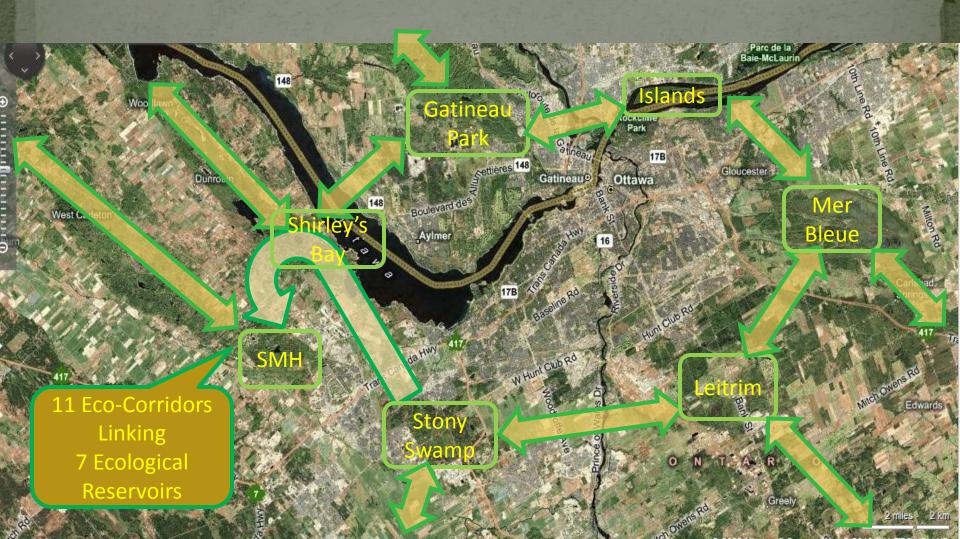
Northern Two-Lined Salamander

- 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



