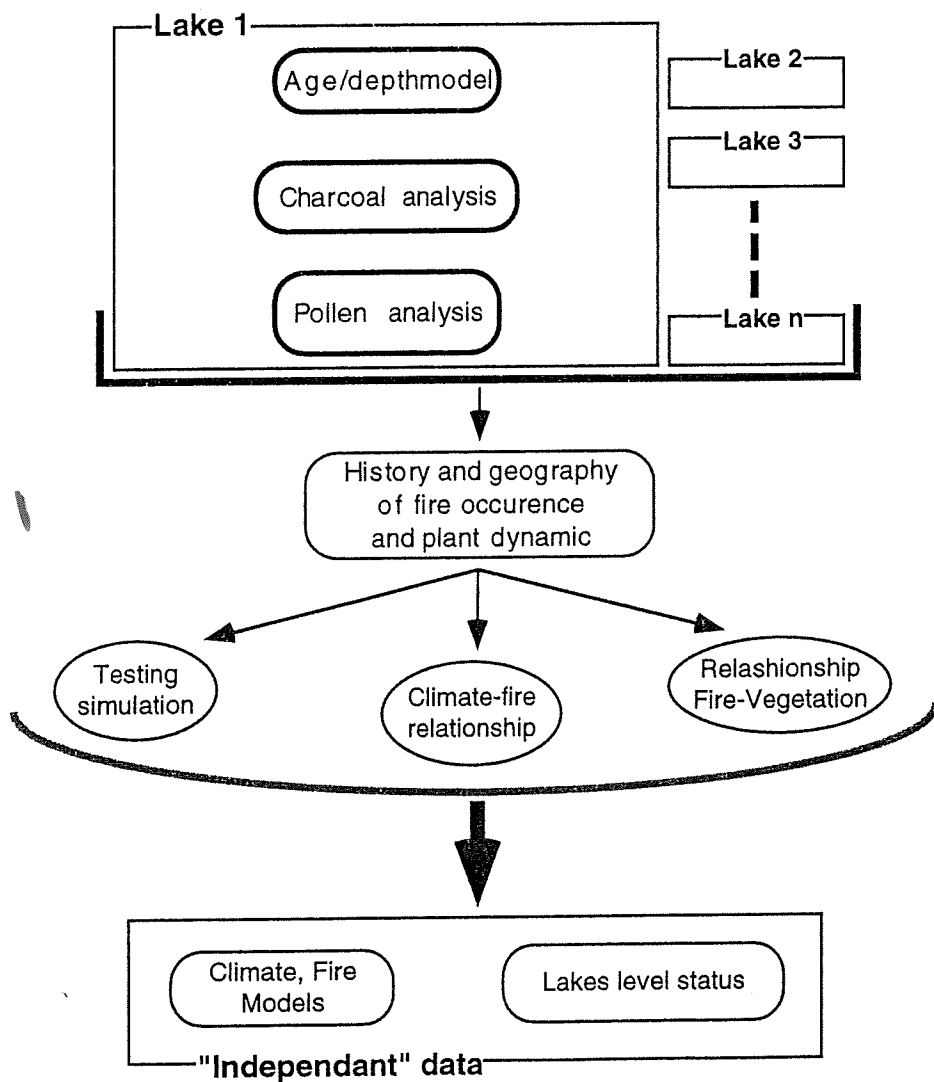
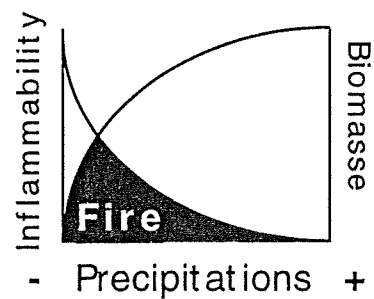
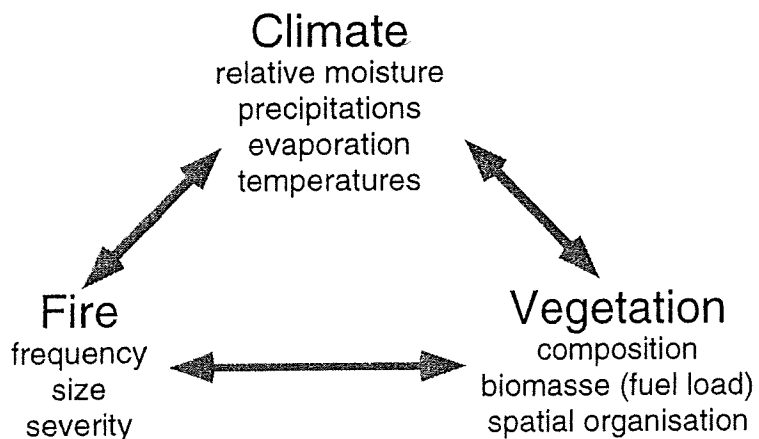
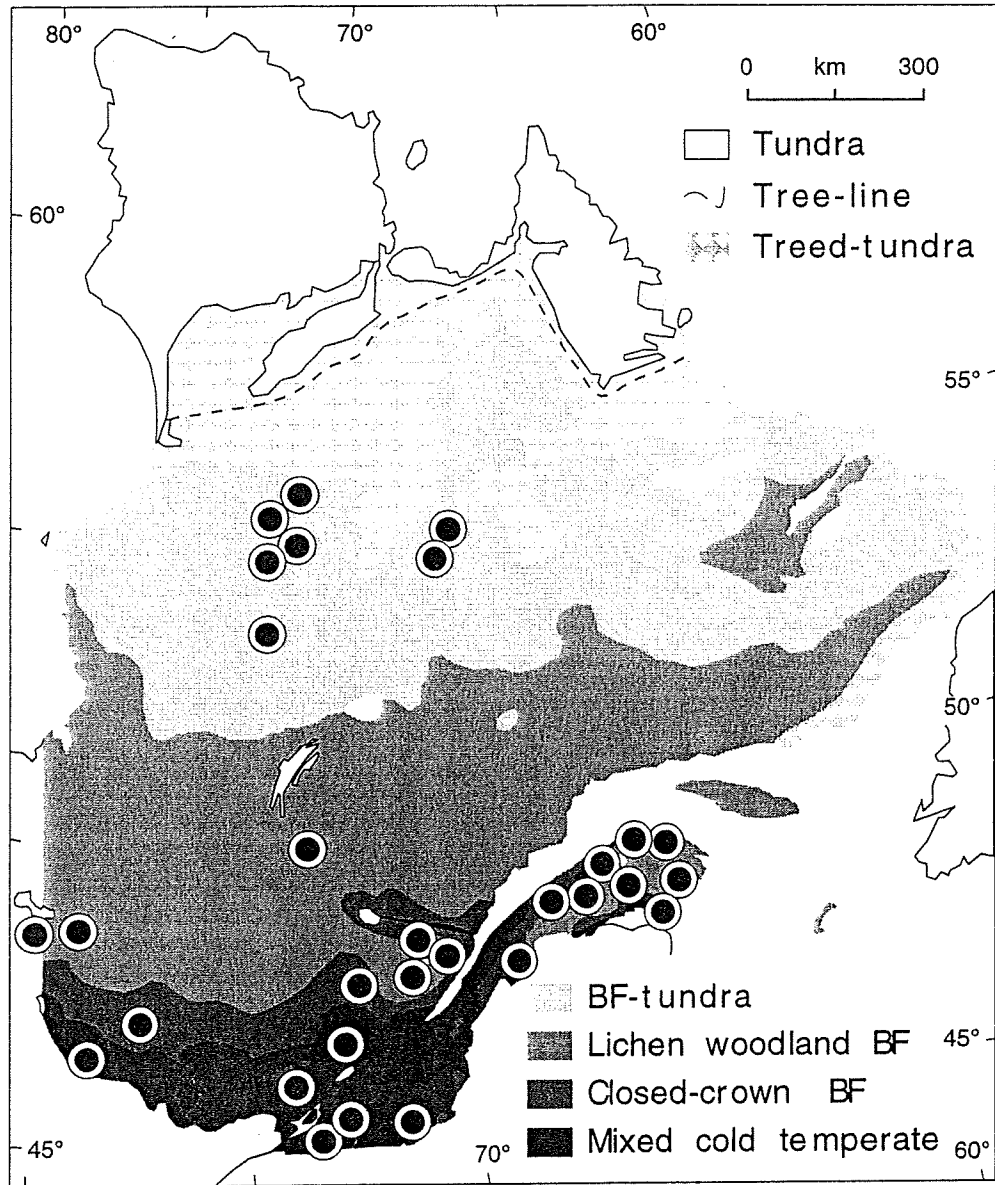
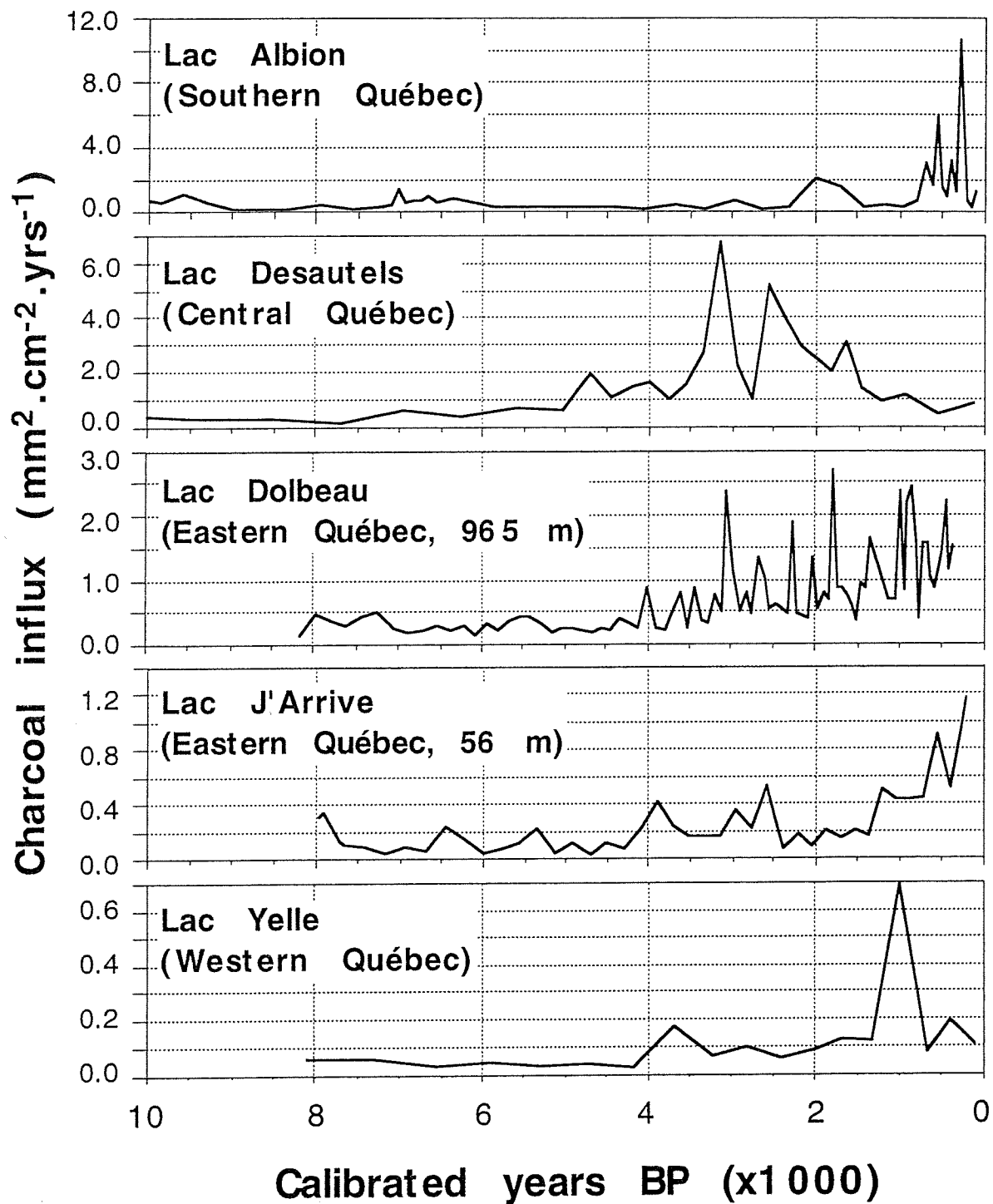
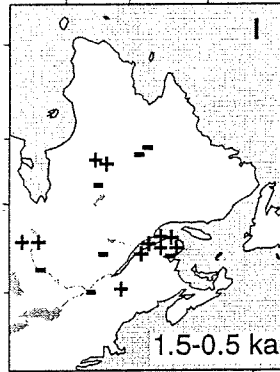
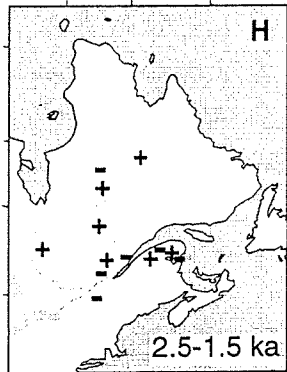
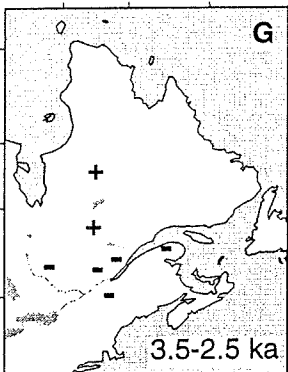
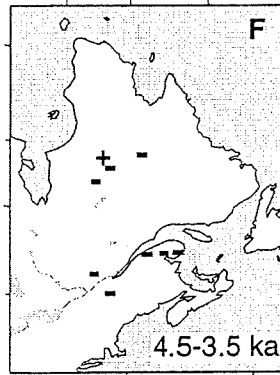
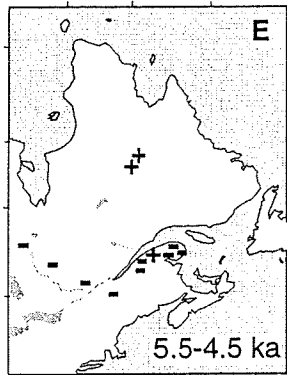
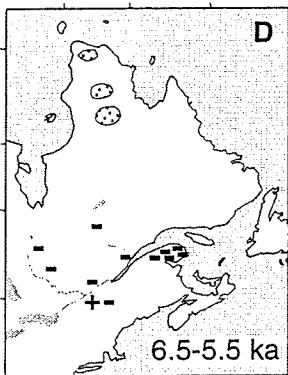
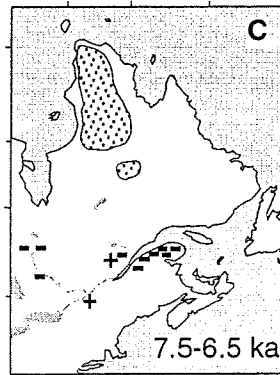
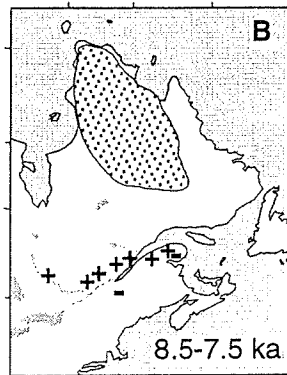
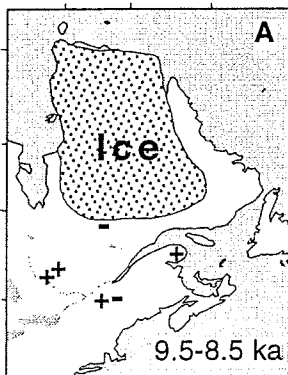
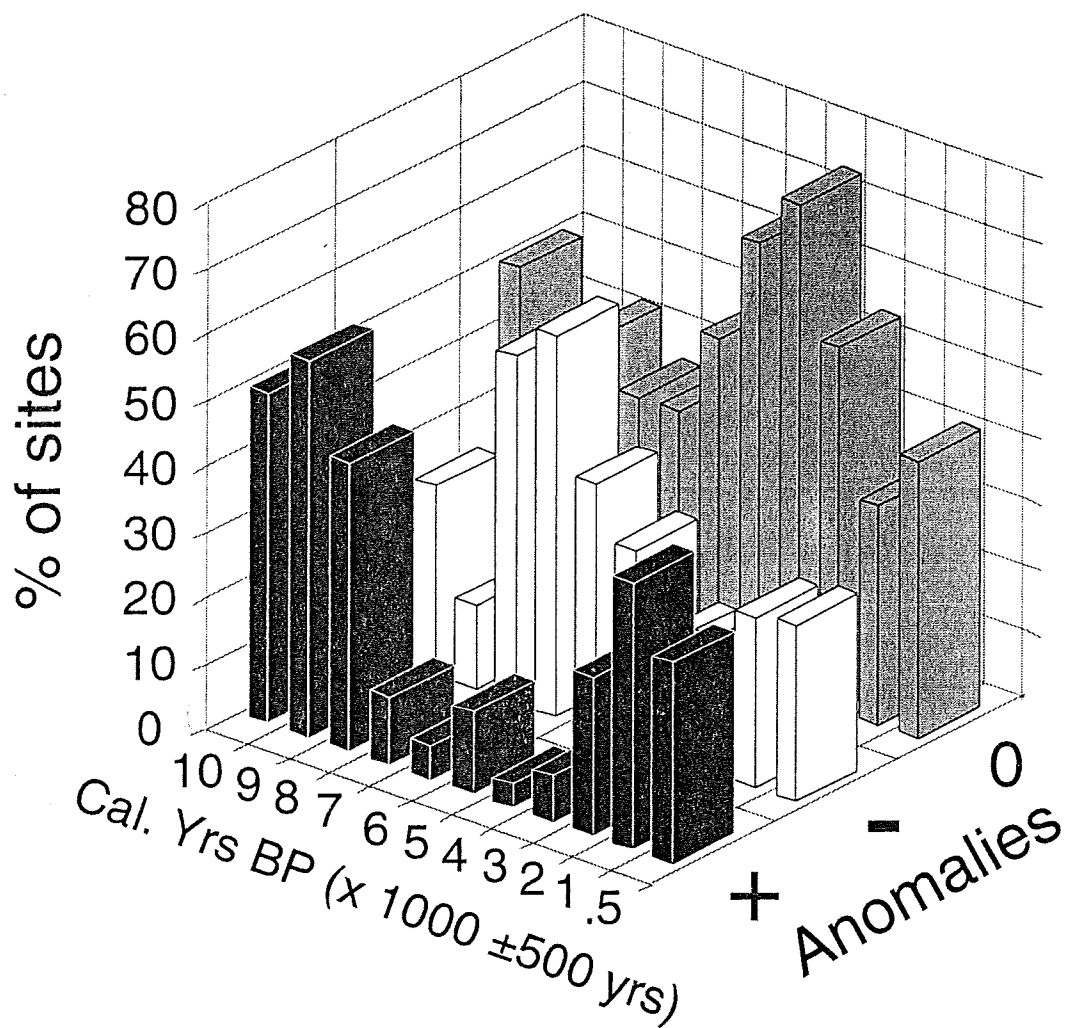




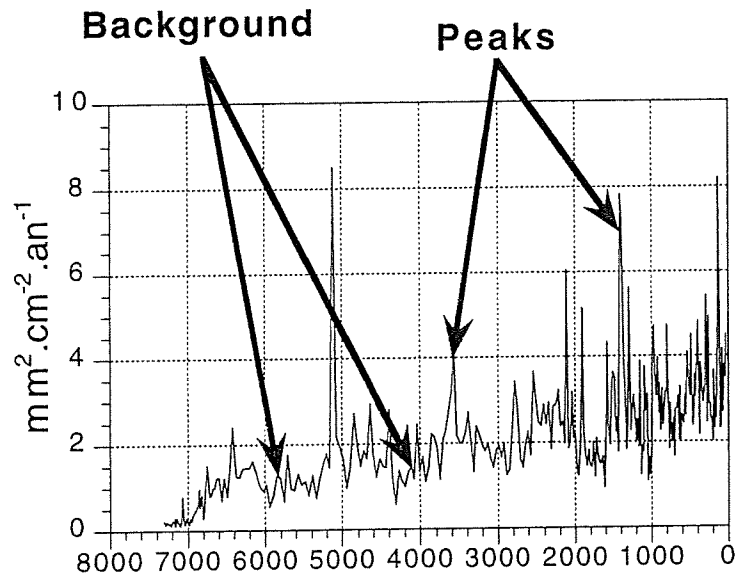








Significance of charcoal data

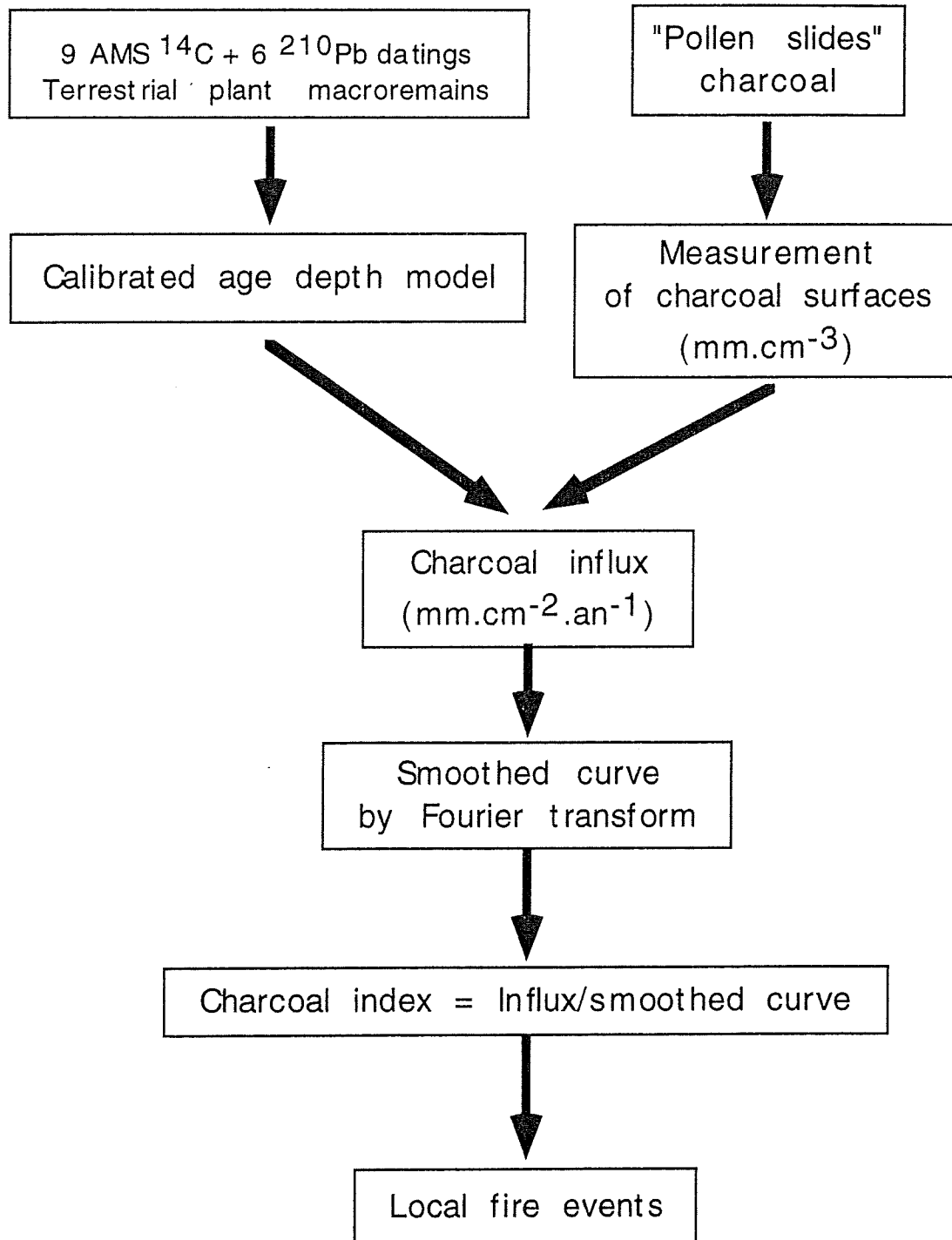


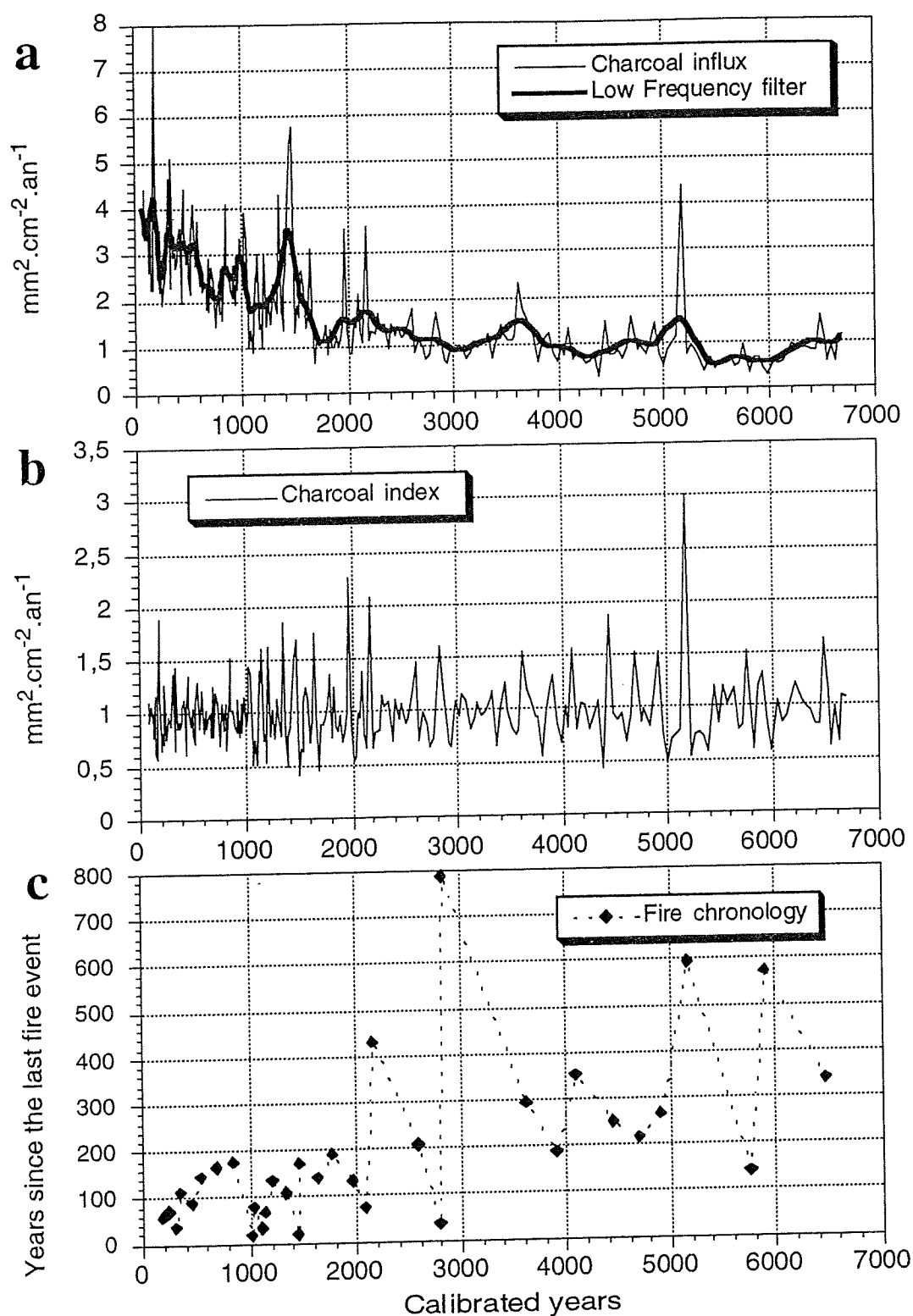
Peak

- Fuel load
- Vegetation composition and spatial structure
- Fire size area
- Severity of fire

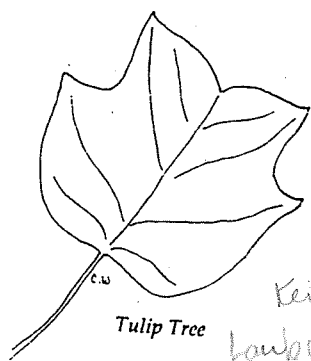
Background

- Charcoal from local fire events
- Charcoal from regional fire events
- Redeposition of charcoal from older fire events focusing in the deepwater sediment





Data are from lake Francis (Abitibi, Qc, $48^{\circ}31'35''$ - $78^{\circ}28'20''$). (a) Distribution of charcoal influx (thin line) and the low frequency filter series computed with inverse Fourier transform. (b) The high frequency curve is obtain by detrending the raw data using the low frequency filter. (c) Fire chronology is computed applying a threshold of 1.25 on high frequency curve.



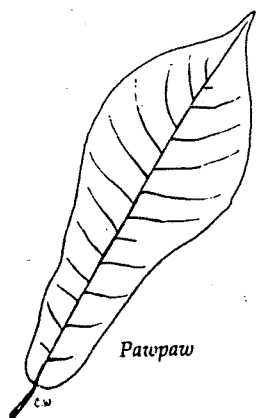
Tulip Tree

Keine Koniferen!
Laubbauer fester
Wald



Cucumber Tree

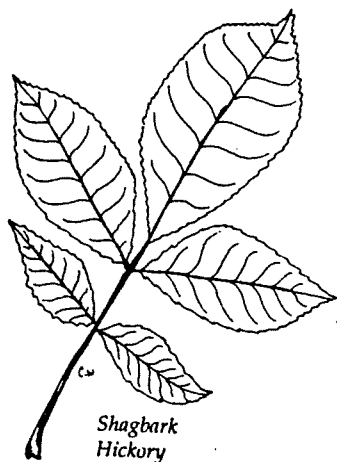
sehr unterschiedlich



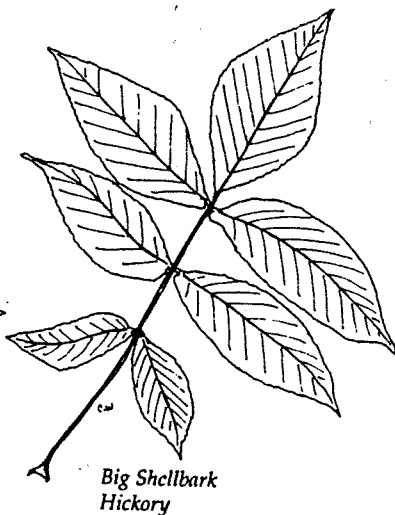
Pawpaw



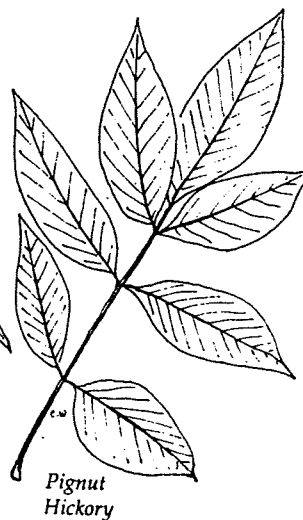
Sassafras



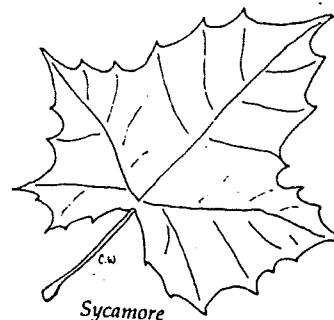
Shagbark
Hickory



Big Shellbark
Hickory



Pignut
Hickory



Sycamore

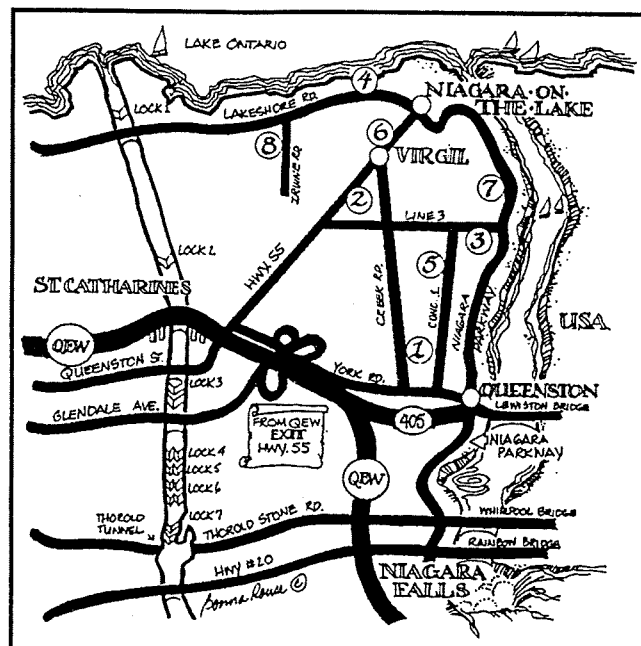
January T
-20°C

HILLEBRAND
ESTATES



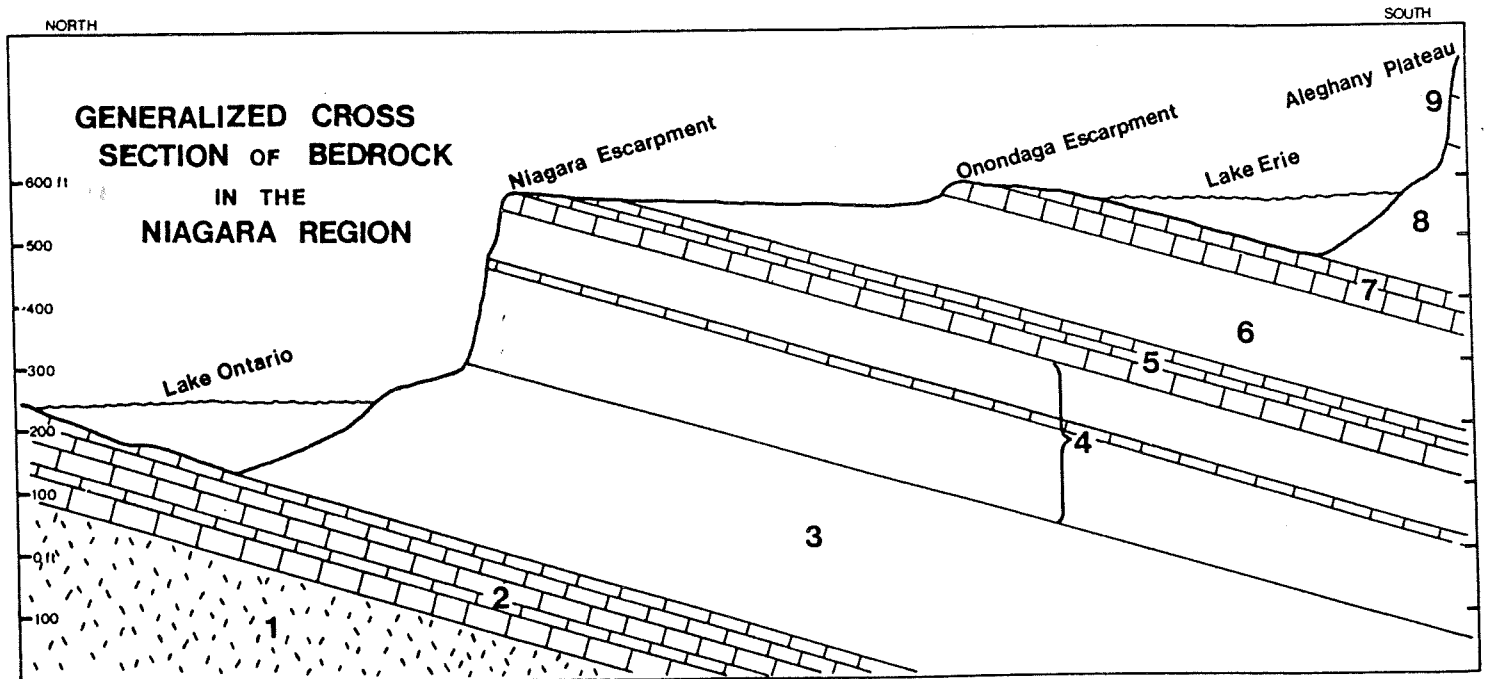
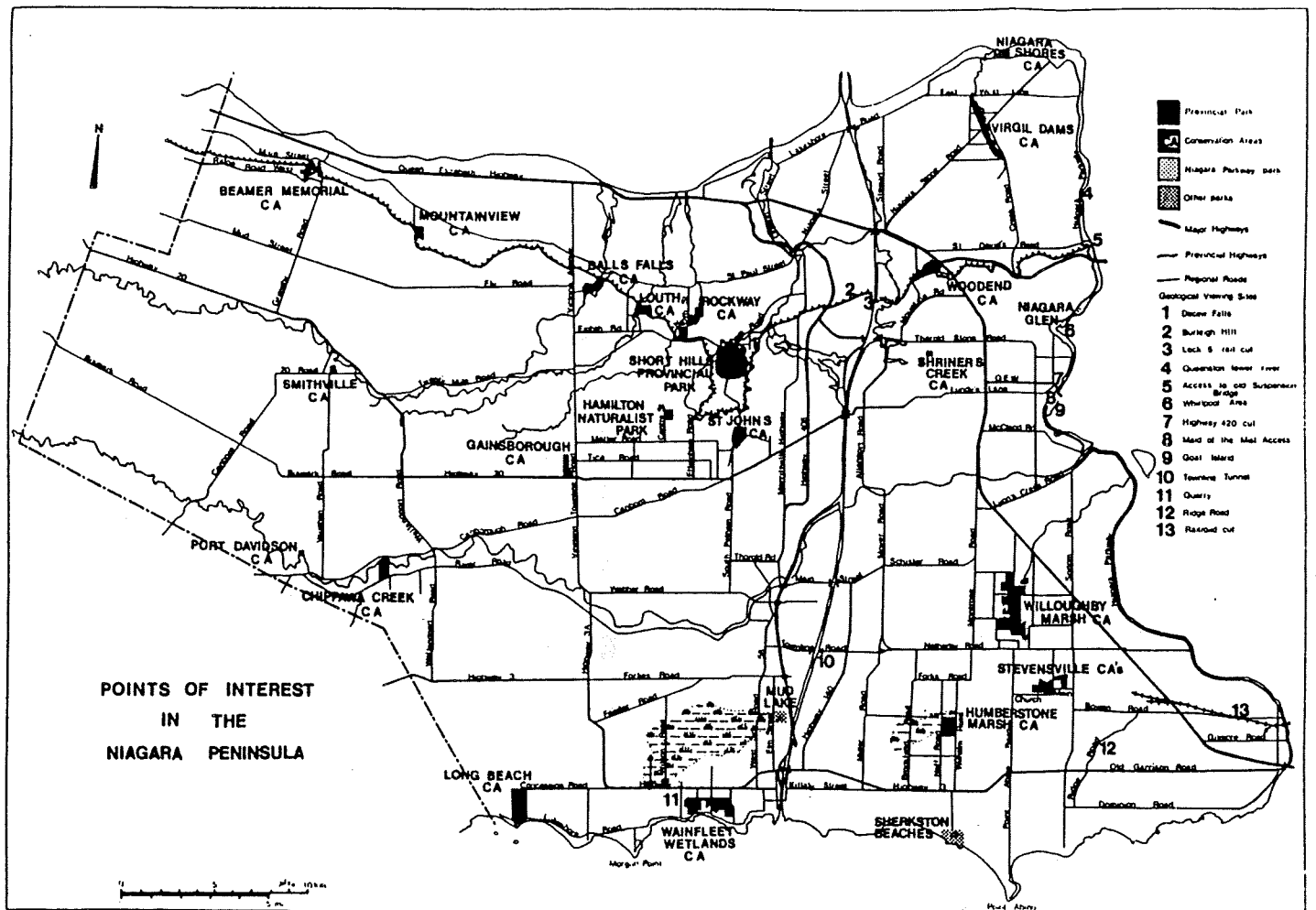
Highway 55
Niagara-on-the-Lake
(905) 468-7123 or (800) 582-8412
www.hillebrand.com

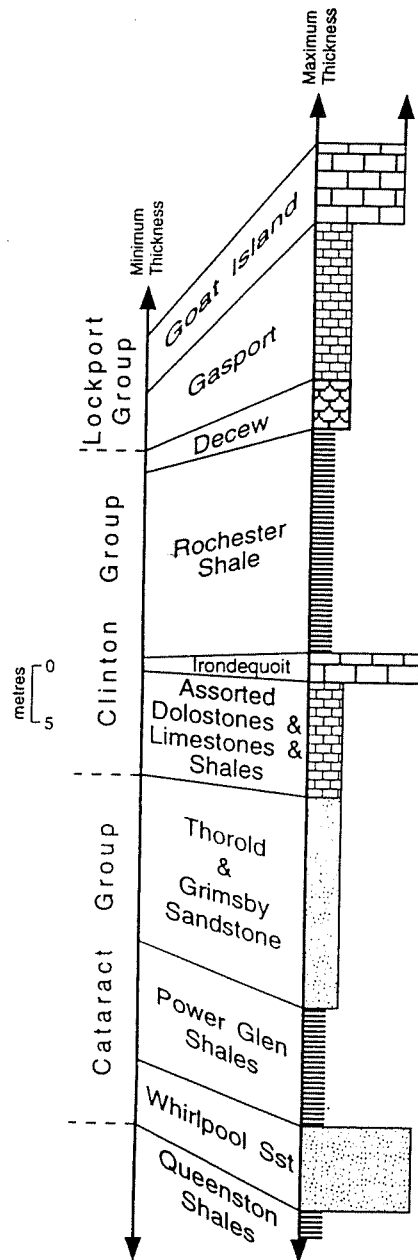
Where to find us...



- | | |
|------------------------------|------------------------------|
| 1. Château des Charmes | 5. Marynissen Estates |
| 2. Hillebrand Estates Winery | 6. Pillitteri Estates Winery |
| 3. Inniskillin Wines | 7. Reif Estate Winery |
| 4. Konzelmann Estate Winery | 8. Stonechurch Vineyards |

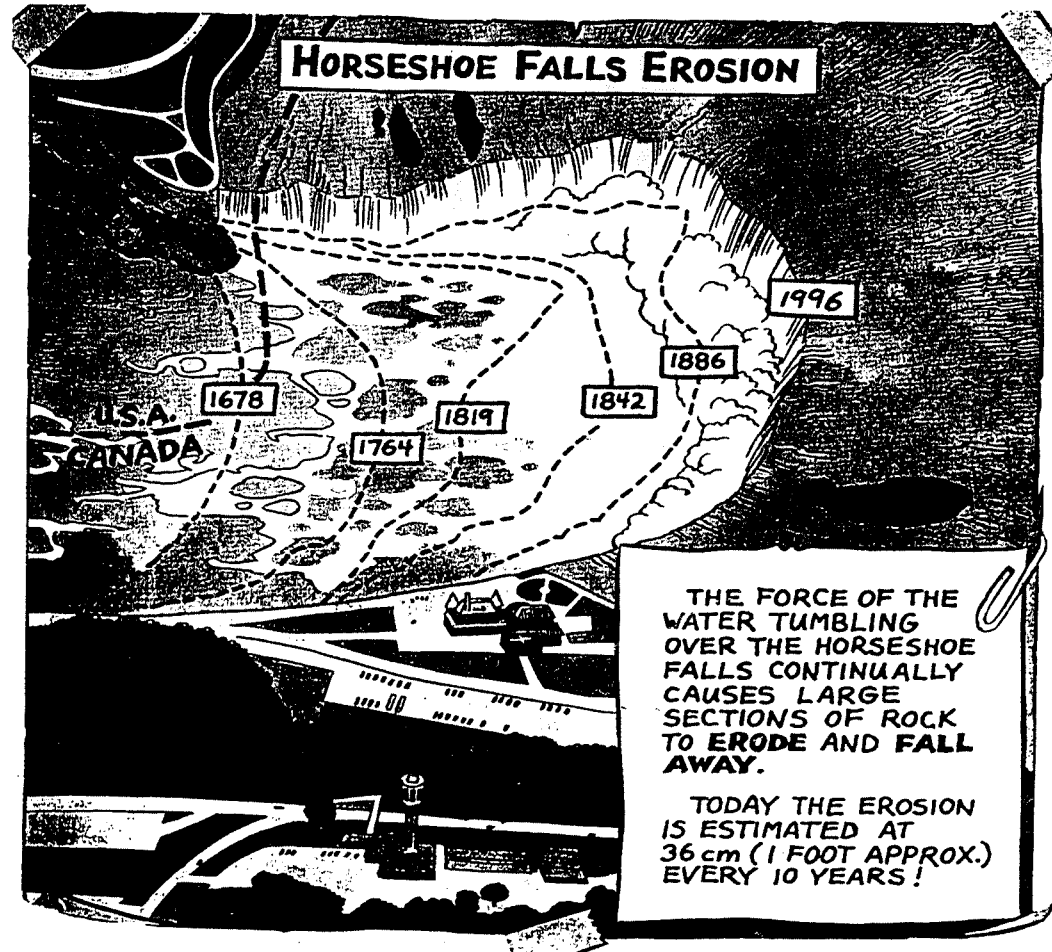
Tour de Vin is proud to be supporting
C.C.O.V.I.
Cool Climate Oenology and Viticulture Institute
Brock University





break
down to
produce:

huge blocks & slabs
plates
fines
huge slabs
plates
angular blocks
fines
huge slabs
fines



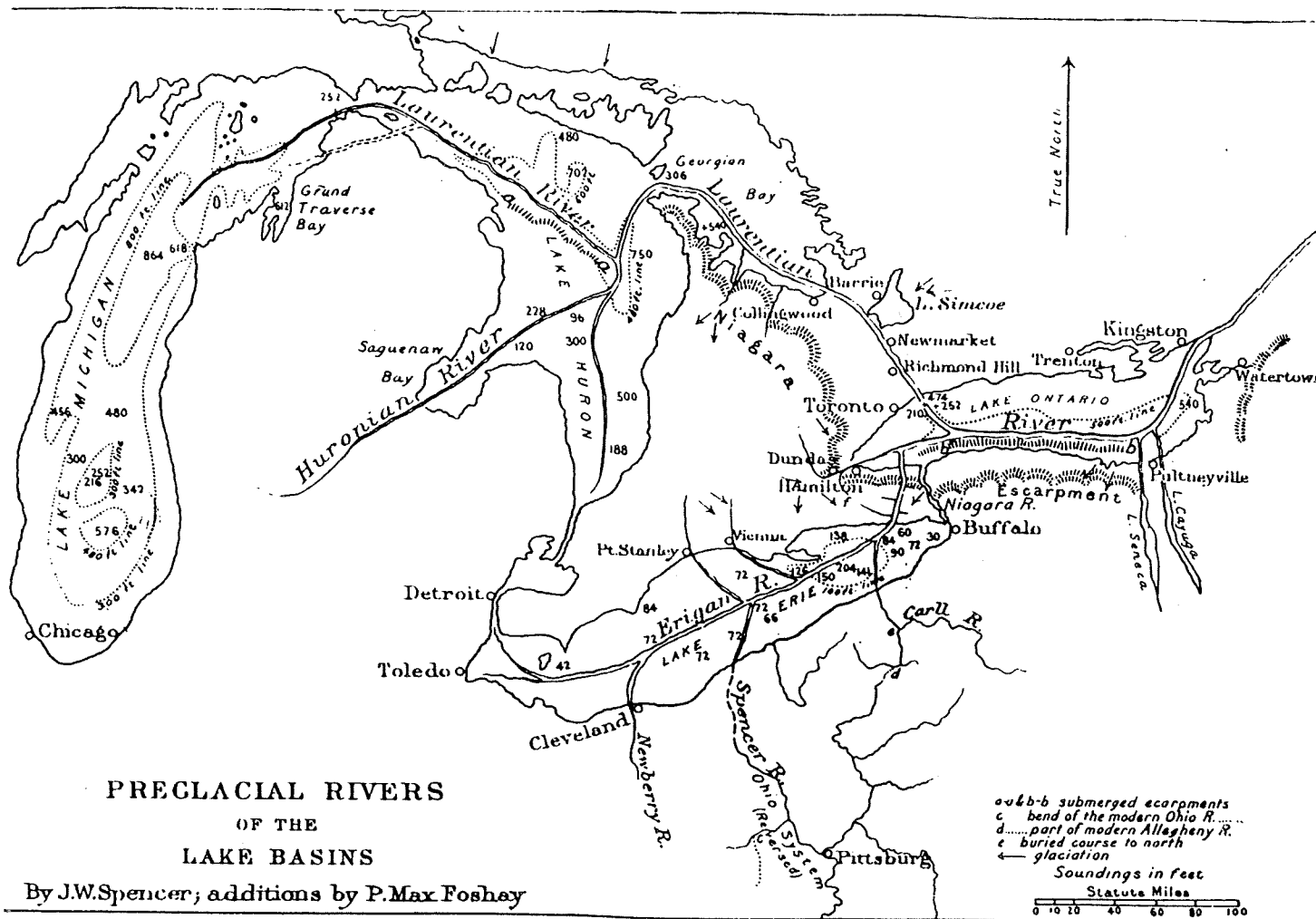


Figure 4.3 Spencer's map of the preglacial rivers of the lake basins. It is still reproduced today (see McKenzie, 1990). It derives from Spencer's resistance to the notion that the basins were excavated by glacial erosion.

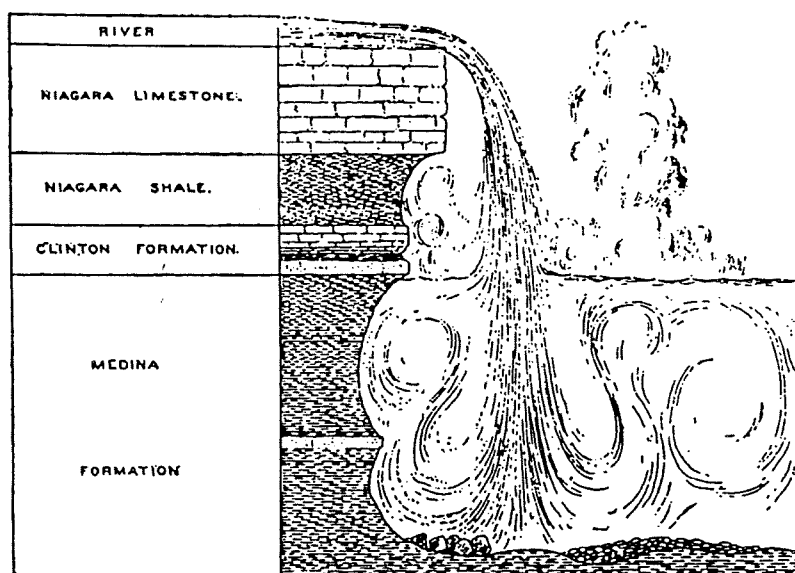


Figure 4.4 Gilbert's famous diagram of Niagara Falls (Gilbert, 1890a). It has been very widely disseminated and is still found in modern textbooks illustrating waterfall retreat in general, and Niagara in particular. The original caveat '... illustrating a theory of the process of erosion' was never subsequently used, even by Gilbert!