

Ordovician Trilobites of Canada (alphabetized)

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Amphilichas ottawaensis

Amphilichas ottawaensis (Forste, 1919)

Upper Ordovician

Bobcaygeon Formation

Ontario, Canada

6 cm



Bathyurus extans

Bathyurus extans (Hall, 1847)
Middle Ordovician
Black River Group
Gatineau, Quebec, Canada
2.5 cm



Brachyaspis altilis

Brachyaspis altilis Raymond, 1912
Upper Ordovician, Ashgill Series, Rawtheyan
Vaureal Formation
Quebec, Canada
9 cm



Bufoceraurus bispinosus

Bufoceraurus bispinosus (Raymond & Barton, 1913)

Upper Ordovician

Verulam Formation

Kirkfield, Ontario, Canada

Upper image: 7.5 cm

Note: Current academic studies indicates that this trilobite should now be assigned the genus name ***Eubufoceraurus***.

There has been a bit of controversy in some circles about the degree of “acceptable” restoration that should be performed on a trilobite specimen. A prime example would be the above *Bufoceraurus*, which some believe should have been left in its original "field" condition. If this was a holotype, we would fully agree. But considering that this is a well-established species (see below), we applauded the skilled restorative work performed on this spectacular trilobite.

Lower image: 10 cm



Lower image: 6 cm





Bufoceraurus sp.

Bufoceraurus sp.
Upper Ordovician
Verulam Formation
Ontario, Canada
11 cm

Note: Current academic studies indicates that this trilobite should now be assigned the genus name ***Eubufoceraurus***.



Bumastoides billingsi

Bumastoides billingsi (Raymond and Narraway, 1908)

Upper Ordovician

Bobcaygeon Formation

Karson quarry, Ottawa, Ontario, Canada

1.4 cm



Bumastoides cf milleri

Bumastoides cf milleri (Billings, 1859)

Upper Ordovician

Trenton Group, Neuville Formation, Grondines Member

Quebec City area, Quebec, Canada

Trilobite is 3 cm

This specimen is notable for the trilobite being found perfectly inflated inside of a *Plectoceras jason* cephalopod chamber.



Calyptaulax callicephalus

Calyptaulax callicephalus (Hall, 1847)

Upper Ordovician

Bobcaygeon Formation

Ottawa, Ontario, Canada

3.0 cm



Calyptaulax sp.

Calyptaulax sp.
Upper Ordovician
Stony Mountain quarry
Manitoba, Canada
3 cm.



Ceraurinus icarus

Ceraurinus icarus (Billings, 1860)

Upper Ordovician

Chicoutimi outlier, Pointe-Bleu member

Valin, Quebec, Canada

5 cm



Ceraurinus icarus

Ceraurinus icarus (Billings, 1860)

Upper Ordovician

Vaureal Formation, English Head Member

Anticosti Island, Canada

2.5 cm



Ceraurinus marginatus [H.o.F.]

Ceraurinus marginatus (Barton, 1913)

Upper Ordovician

Cobourg Formation

Colborne, Ontario, Canada

9 cm

One of the largest and most 3-D examples of this hallowed Canadian species.



Ceraurus aff. globulobatus

Ceraurus aff. globulobatus Bradley, 1930
Upper Ordovician
Upper Bobcaygeon Formation

Ontario, Canada
6 cm



Ceraurus globulobatus

Ceraurus globulobatus Bradley, 1930

Upper Ordovician

Verulam Formation, Trenton Group

Simcoe County, Ontario, Canada

3 cm

Note: Unusual "clubbing" of right pygidial tip consistent with either injury / regeneration or a congenital malformation



Ceraurus globulobatus

Ceraurus globulobatus Bradley, 1930

Upper Ordovician

Bobcaygeon Formation

Lake Simcoe

Ontario, Canada

4 cm



Ceraurus matranseris

Ceraurus matranseris Sinclair 1947

Upper Ordovician

Lindsay Formation

Colborne, Ontario, Canada

7 cm (left) & 6 cm (right)



Ceraurus milleranus

Ceraurus milleranus Miller and Gurley, 1897

Upper Ordovician

Cobourg Formation

Ogden Point quarry

Colborne, Ontario, Canada

5 cm



Ceraurus n. sp.

Ceraurus n. sp.
Upper Ordovician
Bobcaygeon Formation
Ontario, Canada
5 cm



Ceraurus plattinensis

Ceraurus plattinensis Foerste, 1920
Upper Ordovician
Lower Verulam Formation
Ontario, Canada
8 cm

Lower image: 7 cm





Ceraurus plattinensis

Ceraurus plattinensis Foerste, 1920
Middle Ordovician
Bobcaygeon Formation
Belleville, Ontario, Canada
7 cm



Ceraurus plattinensis & Ceraurus cf. globulobatus

Ceraurus plattinensis Foerste, 1920 & *Ceraurus cf. globulobatus* Bradley, 1939

Upper Ordovician

Upper Bobcaygeon Formation

Ontario, Canada

Ceraurus plattinensis (right) is 7 cm, *Ceraurus cf. globulobatus* (left - ventral) is 3 cm



Ceraurus pleurexanthemus

Ceraurus pleurexanthemus (Green, 1832)

Upper Ordovician

Trenton Group, Neuville Formation, Grondines Member

Quebec City area, Quebec, Canada

4 cm



Ceraurus pleurexanthemus

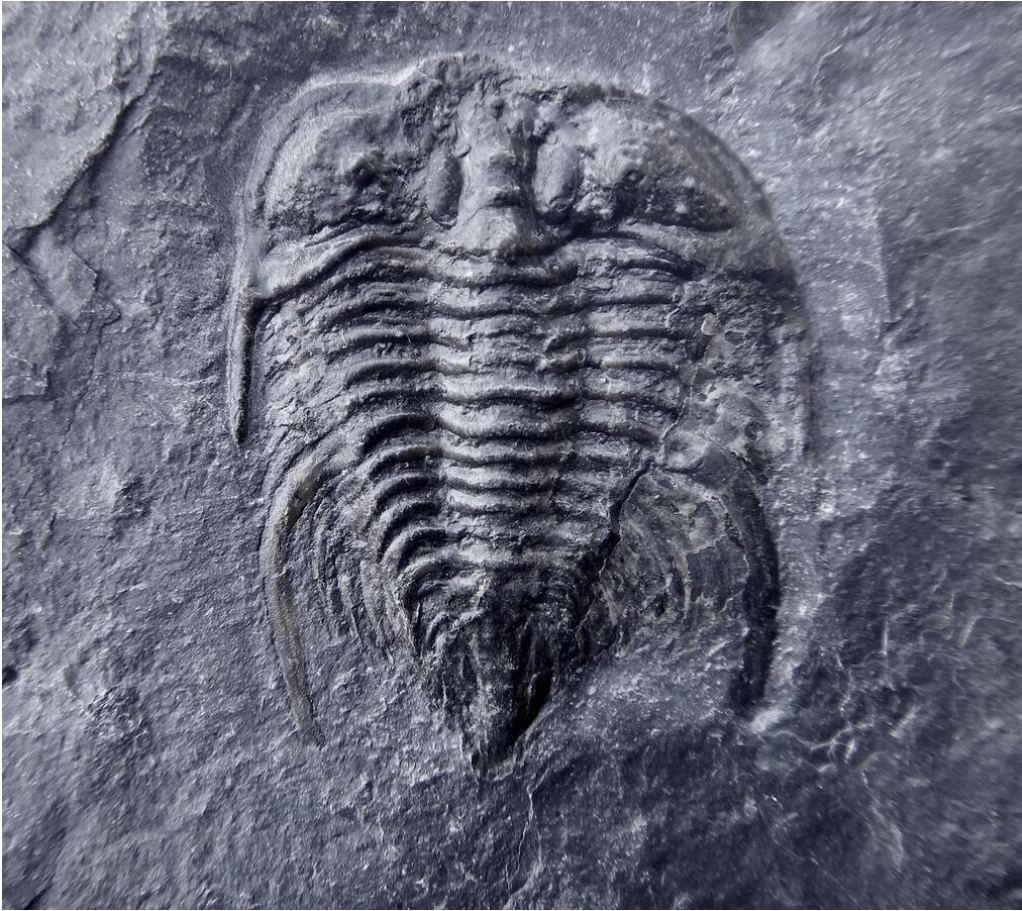
Ceraurus pleurexanthemus (Green, 1832)

Upper Ordovician

Trenton Group, Neuville Formation, Grondines Member

Quebec City area, Quebec, Canada

largest: 5 cm



Cybeloides plana

Cybeloides plana Sinclair, 1944
Upper Ordovician
Verulam Formation
Brechin, Ontario, Canada
3 cm



Dimeropyge gibbus & Calyptaulax callicephalus

Dimeropyge gibbus Sinclair, 1946 & *Calyptaulax callicephalus* (Hall, 1847)

Upper Ordovician

Verulam Formation

Brechin, Ontario, Canada

Dimeropyge is 1 cm



Dolichoharpes dentoni

Dolichoharpes dentoni (Billings)

Upper Ordovician
Bobcaygeon Formation
Ontario, Canada
5 cm



Ectenaspis homanolotoides [H.o.F.]

Ectenaspis homanolotoides (Raymond, 1920)

Upper Ordovician

Bobcaygeon Formation

Brechin, Ontario, Canada

16 cm

A nearly perfect example of this streamlined species.



Eobronteus lunatus

Eobronteus lunatus (Billings, 1857)

Ordovician

Trenton Group

Ottawa, Canada

7 cm



Eomonorachus intermedius

Eomonorachus intermedius Ludvigsen & Chatterton 1982

Upper Ordovician

Gull River Formation

Aylmer, Quebec, Canada

2 cm



Erratencrinurus sp.

Erratencrinurus sp.

Upper Ordovician

Verulam Formation

Ontario, Canada

1.5 cm



Failleana indeterminata

Failleana indeterminata (Walcott, 1877)

Upper Ordovician

Verulam Formation

Ontario, Canada

7 cm



Faillenana sp.

Faillenana sp.

Upper Ordovician

Bobcaygeon Formation

Garden County, Ontario, Canada

7 cm



Flexicalymene cf. granulosa

Flexicalymene cf. granulosa (Foerste, 1909)

Upper Ordovician

Nicolet River Formation, Lorraine geological group

Hanson brickyard, La Prairie, Quebec, Canada

5.3 cm



Flexicalymene croneisi

Flexicalymene croneisi (Roy, 1941)

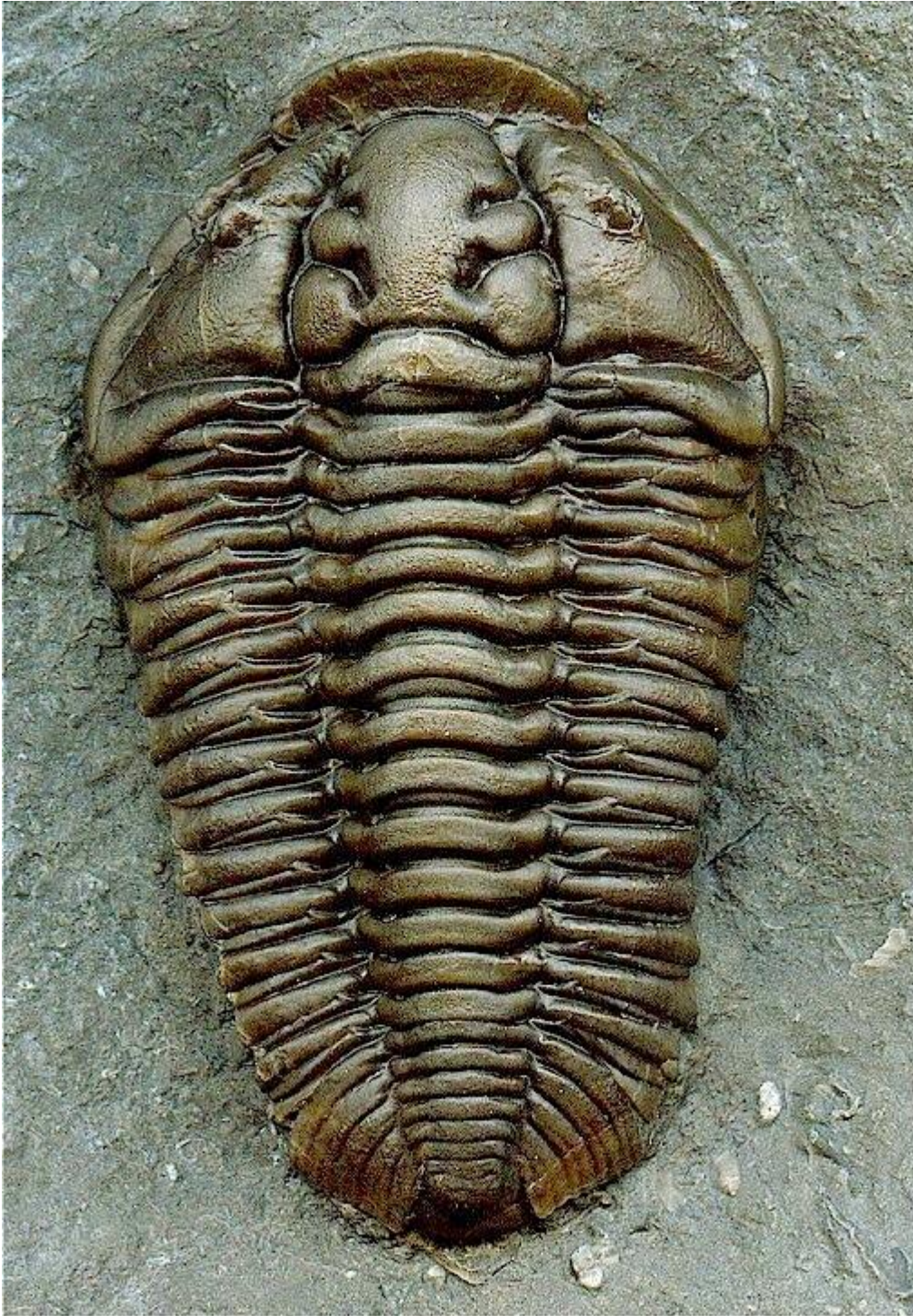
Upper Ordovician

Cobourg Formation, Hillier member

Ogden Point Quarry

Colborne, Ontario, Canada

3.0 cm



Flexicalymene senaria

Flexicalymene senaria (Conrad, 1841)

Middle Ordovician

Verulam Formation

Cannifton Quarry

Belleville, Ontario, Canada

4.5 cm



Flexicalymene sp.

Flexicalymene sp.

Upper Ordovician

Vaureal Formation, English Head Member

Anticosti Island, Canada

2.1 cm (with *Ceraurus* cephalon and brachiopods)



Gabriceraurus dentatus

Gabriceraurus dentatus (Raymond and Barton, 1913)

Upper Ordovician

Bobcaygeon formation

Brechin, Ontario, Canada

11 cm



Gabriceraurus dentatus

Gabriceraurus dentatus (Raymond and Barton, 1913)

Upper Ordovician

Bobcaygeon Formation

Deseronto, Ontario, Canada

8.5 cm (with spines)



Gabriceraurus sp. [H.o.F.]

Gabriceraurus sp.
Upper Ordovician
Verulam Formation
Hastings County, Ontario, Canada
9 cm

Here is a curious and still-undescribed subspecies of this large Ordovician trilobite.



Hemiarges paulianus [H.o.F.]

Hemiarges paulianus (Clarke, 1894)

Ordovician

Verulam Formation

Ontario, Canada

3.5 cm

One of the finest examples of this rare lichid species from Ontario.



Hibbertia ottawaensis

Hibbertia ottawaensis (Billings, 1865)

Upper Ordovician

Cobourg Formation

Cobourg, Ontario, Canada

6 cm



Hibbertia valcourensis

Hibbertia valcourensis (Shaw, 1968)

Middle Ordovician

Chazy Formation

Laval, Quebec, Canada

1.2 cm



Isotelus cf. ottawaensis

Isotelus cf. ottawaensis (Wilson, 1947)

Upper Ordovician
Colburn Formation
Ontario, Canada
14 cm



Isotelus latus

Isotelus latus (Raymond, 1913)
Upper Ordovician
Cobourg Formation
Bowmanville, Ontario, Canada
26 cm



Isotelus maximus

Isotelus maximus Locke, 1838

Upper Ordovician

Cobourg Formation

Bowmanville, Ontario, Canada

3 cm across generals

Note: Regenerative repair to left genal



Isotelus platycephalus

Isotelus platycephalus (Stokes, 1823)

Ordovician

Gull River Formation

Aylmer, Quebec, Canada

11 cm



Isotelus sp.***Isotelus sp.***

Upper Ordovician

Lindsay Formation

Bowmanville, Ontario, Canada

7 cm



Isotelus walcotti

Isotelus walcotti Walcott, 1918

Upper Ordovician

Bobcaygeon Formation

Ontario, Canada

largest specimen: 6 cm



Isotelus “mafritzae”

Isotelus “mafritzae” (Brett and Rudkin, 1997)
Upper Ordovician

Cobourg Formation
Cobourg, Ontario, Canada
7 cm



Isotelux rex

Isotelux rex Rudkin, Young, Elias, and Dobrzanski, 2003
Upper Ordovician, Cincinnati Series, Richmondian (Katian)
Churchill River Group
East of Churchill, Manitoba, Canada
72 cm

Image courtesy of Manitoba Museum



Leiobienvillia laevigata

Leiobienvillia laevigata Rasetti, 1954
Lower Ordovician, Tremadoc Series
Shallow Bay Formation (Cow Head Group)
Cow Head Peninsula, Newfoundland, Canada
3 cm



Leviceraurus mammiloides with enrolled Ceraurinus marginatus

Leviceraurus mammiloides with enrolled *Ceraurinus marginatus* (Barton, 1913)

Upper Ordovician

Cobourg Formation

Colbourne, Ontario, Canada

Left: 3.5 cm wide Right: 6.5 cm (with spines)



Meadowtownella trentonensis

Meadowtownella trentonensis (Hall, 1847)

Ordovician

Trenton Group, Neuville Formation, Grondines Member

Quebec City area, Quebec, Canada

2 cm



Meadowtownella trentonensis

Meadowtownella trentonensis (Hall, 1847)

Upper Ordovician

Verulam Formation

Simcoe County, Ontario, Canada

2 cm

Note: the hook - like bifurcation off the largest pygidial spine - different from the New York species



Niobella cf. homfrayi

Niobella cf. homfrayi (Salter, 1866)
Lower Ordovician, Tremadocian
Clarenceville Formation
Bonavista Bay, Newfoundland, Canada
5 cm.



Physemetaspis sp.

Physemetaspis sp. Brett and Rudkin 1997

Upper Ordovician

Bobcaygeon Formation

Ottawa, Canada

1.2 cm



Pliomerops canadensis

Pliomerops canadensis (Billings, 1859)

Ordovician

Bobcaygeon Formation

Ontario, Canada

5 cm



Pseudogygites arcticus

Pseudogygites arcticus (Ludvigsen, 1979)

Upper Ordovician

Northwest Territories, Canada

8 cm



Pseudogygites latimarginatus

Pseudogygites latimarginatus (Hall, 1847)

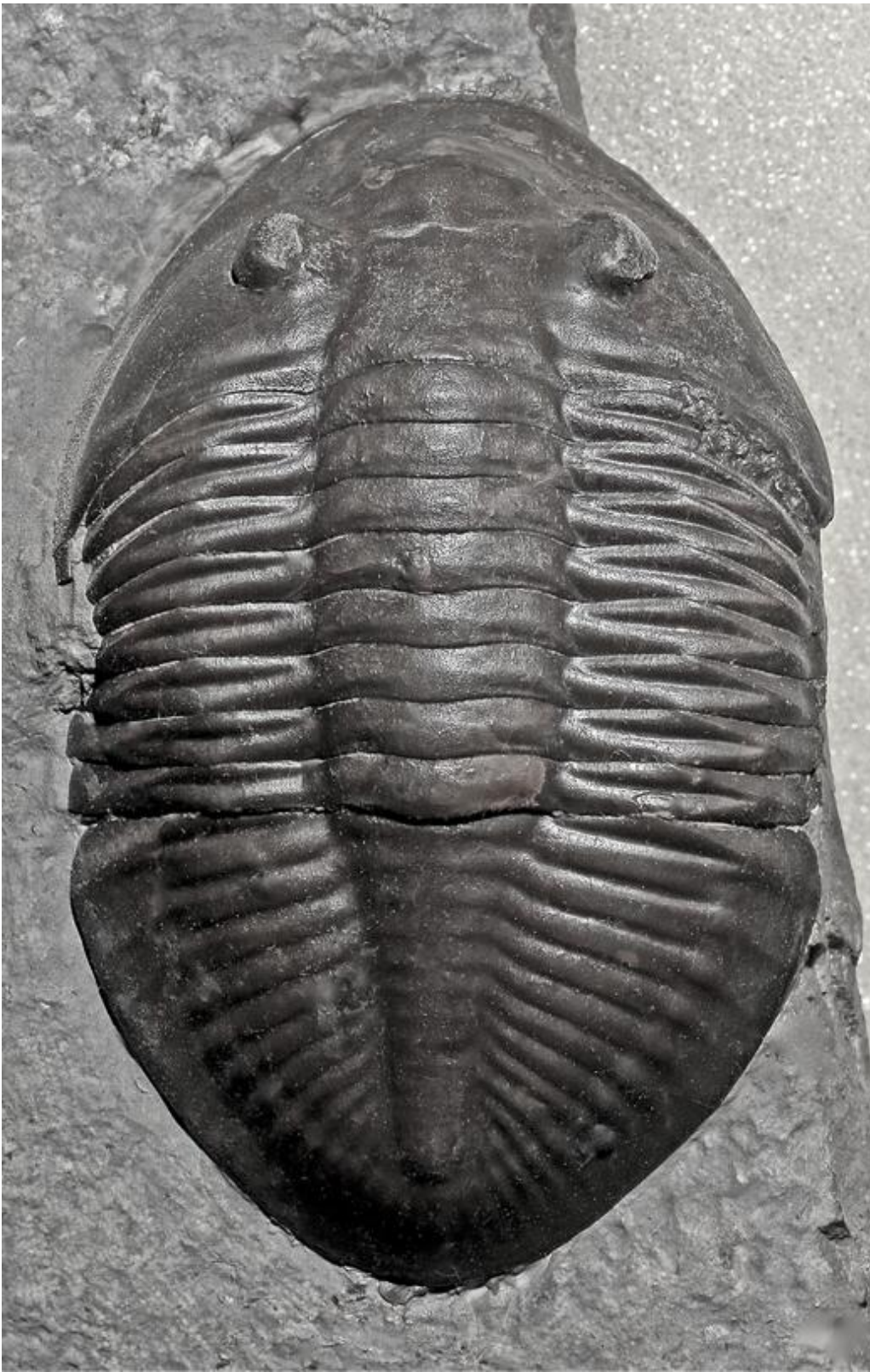
Upper Ordovician

Lower Whitby Formation

Craigleith, Ontario, Canada

13 cm

Lower image: 7 cm (Bowmanville)



Lowest image: 10.5 cm (Bowmanville)



Courtesy of M. Shugar



Raymondites ingalli

Raymondites ingalli (Raymond, 1913)
Upper Ordovician
Bobcaygeon Formation

Carden County, Ontario, Canada
6 cm



Raymondites spiniger [H.o.F.]

Raymondite spiniger (Hall, 1847)

Upper Ordovician

Bobcaygeon Formation

Brechin, Ontario, Canada

4.3 cm

This is perhaps the best-preserved example of this unusual Ordovician species.



Sceptaspis lincolnensis

Sceptaspis lincolnensis (Branson, 1909)

Upper Ordovician

Verulam Formation

Belleville, Ontario, Canada

2.3 cm



Thaleops latiaxiata

Thaleops latiaxiata (Raymond & Narraway, 1908)

Upper Ordovician

Cobourg Formation

Bowmanville, Ontario, Canada

6 cm

Lower image: Lake Simcoe / 3.2 cm around the curve





Thaleops ovata

Thaleops ovata (Conrad, 1843)

Upper Ordovician

Black River Group, Leray Formation

Quebec, Canada

3 cm



Triarthrus (Triarthrus) spinosus

Triarthrus (Triarthrus) spinosus (Billings, 1857)

Upper Ordovician

Billings Shale

Ottawa, Ontario, Canada

3 cm



Xylabion sp.

"Xylabion" sp.

Upper Ordovician

Bobcaygeon Formation

Simcoe County, Ontario, Canada

7 cm