

VERSION 3.0

# ANNOTATED CHECKLIST OF MACROFUNGI OF BRANT COUNTY, NORFOLK COUNTY, AND WATERLOO REGION, ONTARIO

COMPILED BY WILLIAM D. VAN HEMESSEN<sup>1</sup>

<sup>1</sup>Kitchener, Ontario; [wdivanhem@gmail.com](mailto:wdivanhem@gmail.com)

## PREFERRED CITATION

Van Hemessen, W.D. 2026. Annotated checklist of macrofungi of Brant County, Norfolk County, and Waterloo Region, Ontario. Version 3.0. Accessed [DATE]: [URL].

## UPDATES IN VERSION 3.0

This version adds new species to the known mycoflora of the study area based on reports in recent publications and on iNaturalist. This includes nine species of macrolichens newly reported from Norfolk County by S.R. Brinker (2025), including two species new to Canada and two new to Ontario.

Validation of ITS sequences generated for specimens collected in 2023 and 2024 resulted in the identification of one new species and revised identification of one species reported in previous versions of the checklist:

- *Coprinopsis depressiceps* (Bogart) Redhead, Vilgalys & Moncalvo (new addition based on a specimen collected in Norfolk County)
- *Mycoleptodonoides* “*sp-QC01*” S.D. Russell crypt. temp. (previously identified as *Mycorrhaphium adustum*)

Additionally, the following taxa included in previous versions of the checklist under provisional names have recently been described or their taxonomy reconciled in the scientific literature:

- *Clavulinopsis manus-buddhae* Birkebak (=C. “*sp-OH01*”)
- *Hortiboletus flavorubellus* (Thiers & A.H. Sm.) Biketova & Tremble (=H. “*sp-IN02*”, H. “*sp-IN03*”)
- *Russula variata* Banning (=R. “*sp-IN67*”)

## BACKGROUND

This annotated checklist began as the product of a master’s thesis completed by the author at Western University. Periodic updates have been released since the initial publication as new species and new records continue to be discovered in the study area. A copy of the thesis, which includes a detailed account of the methods used to produce the initial checklist, can be downloaded at: <https://uwo.scholaris.ca/items/dae22562-e089-4935-96ff-96b953a20a7b>.

## TAXA INCLUDED

“Macrofungi” or “macromycetes” are big fungi. There is no formal definition, but typically they are fungi whose fruiting bodies can be seen by the naked eye (i.e., without the use of magnification tools). This checklist uses a very liberal definition of macrofungi and includes a large breadth of taxa but notably excludes rusts (Pucciniomycotina), smuts (Ustilaginomycotina), powdery mildews (Erysiphaceae), and most of the organisms called yeasts and molds. This checklist *does* include crustose fungi, most tiny, discoid ascomycetes (e.g., the order Helotiales), and fungi which produce tiny fruiting bodies aggregated in large “stroma” (e.g., the order Xylariales). Where lichens are concerned, this checklist includes only macrolichens, which have foliose or fruticose thalli or, in the case of an interesting group called “calicioids”, fruticose fruiting bodies connected to a crustose thallus. For more on macrolichens, I encourage readers to consult *Macrolichens of Ontario and the Great Lakes Region of the United States* (McMullin 2023).

**STRUCTURE**

The checklist is organized alphabetically by phylum, then by class, order, family, genus, and species. I have made best efforts to use the most recent taxonomy and include recent synonyms where possible, but readers should consult Index Fungorum or MycoBank to look for synonyms of their taxon of interest if they cannot initially find it in this document.

Ascomycota (cups, discs, morels, and most lichens).....Page 3

Basidiomycota (typical mushrooms, bracket fungi, boletes, jelly fungi, and most crusts).....Page 56

**DEFINITIONS**

- \* = Introduced species
- (R) = Regionally rare species
- BRAN = Brant County
- NORF = Norfolk County
- WATE = Waterloo Region

## ASCOMYCOTA – Ascomycete Fungi

### EUROTIOMYCETES

#### Mycocaliciales – Pin and Needle Fungi

##### SPHINCTRINACEAE



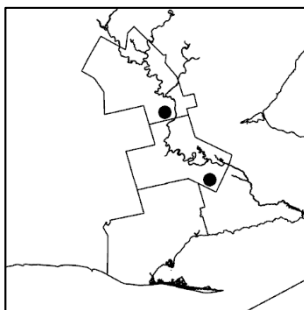
*Chaenothecopsis debilis* (Sm.) Tibell – King Pin  
On exposed wood of dead trees, usually hardwoods.  
BRAN  
NORF  
WATE ✓



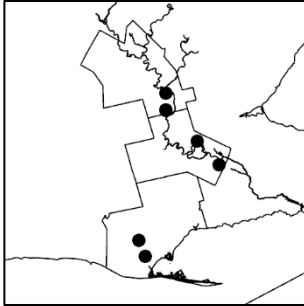
*Chaenothecopsis perforata* Rikkinen & Tuovila – Sumac Resin Pin  
Occurs on dried resin on bark and exposed wood of sumacs (*Rhus* spp.).  
BRAN ✓  
NORF  
WATE ✓



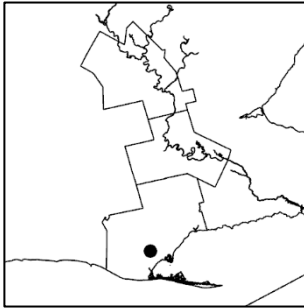
*Mycocalicium subtile* (Pers.) Szatala – Snag Pin  
On exposed wood of dead trees.  
BRAN ✓  
NORF  
WATE ✓



*Phaeocalicium curtisii* (Tuck.) Tibell – Sumac Needle  
On bark and exposed wood of sumacs (*Rhus* spp.).  
BRAN ✓  
NORF  
WATE ✓



***Phaeocalicium polyporaeum*** (Nyl.) Tibell – Fairy Pin  
Occurs exclusively on fruiting bodies of violet-toothed polypore (*Trichaptum biforme*). Probably more common than records indicate.  
BRAN ✓  
NORF ✓  
WATE ✓

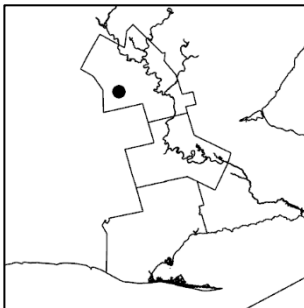


***Phaeocalicium populneum*** (Brond. ex Duby) A.F.W. Schmidt – Poplar Needle  
On bark and exposed wood of poplars (*Populus* spp.).  
BRAN  
NORF ✓  
WATE

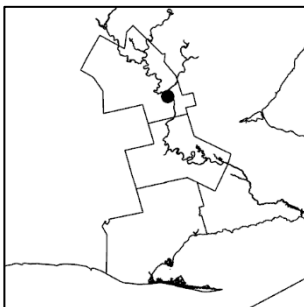
---

## Verrucariales

### VERRUCARIACEAE – Earth Lichen Family



***Endocarpon pallidulum*** (Nyl.) Nyl. – Western Crepes  
The Waterloo Region voucher is from a moist sandy slope but can also occur on rocks and (rarely) trees (McMullin 2023).  
BRAN  
NORF  
WATE ✓



(R) ***Placidium squamulosum*** (Ach.) Breuss – Jellytot Earthscale  
Occurs on calcareous rock and soil in open environments. Rare.  
BRAN  
NORF  
WATE ✓

## LECANOROMYCETES – Shield Lichens and Allies

### Caliciales – Rosette Lichens and Allies

#### CALICIACEAE



(R) *Pyxine soredata* (Ach.) Mont. – Spicy Mustard Rosette Lichen

Tree bark and wood. Rare.

BRAN

NORF ✓

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

(R) *Pyxine subcinerea* Stirton – Mustard Lichen

A new addition to the Canadian mycoflora collected in Norfolk County by S.R. Brinker (2025).

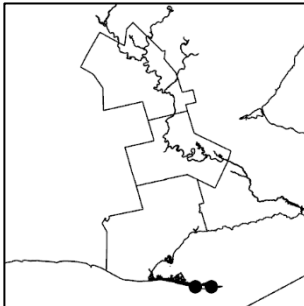
BRAN

NORF ✓

WATE

---

#### PHYSICIACEAE – Rosette Lichen Family



(R) *Anaptychia crinalis* (Schleich. ex Schaer.) Vězda – Hanging Fringe Lichen

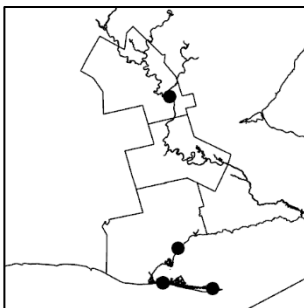
Usually occurs on rocks (McMullin 2023), but the Norfolk County vouchers are all from tree branches. Rare.

BRAN

NORF ✓

WATE

Ontario S3 (NHIC 2024)



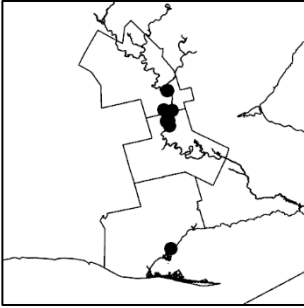
*Hyperphyscia adglutinata* (Flörke) H. Mayrhofer & Poelt – Grainy Shadow-crust Lichen

On tree branches, bark, and dead wood.

BRAN

NORF ✓

WATE ✓



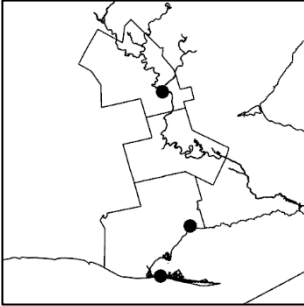
***Phaeophyscia adiastrata*** (Essl.) Essl. – Powder-tipped Shadow Lichen

Occurs on a variety of substrates – trees, soil, rock, etc. Common.

BRAN ✓

NORF ✓

WATE ✓



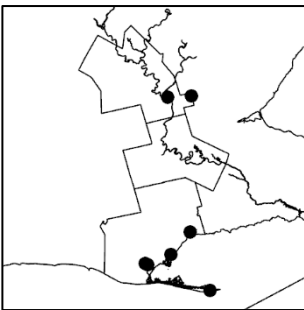
***Phaeophyscia orbicularis*** (Neck.) Moberg – Mealy Shadow Lichen

Occurs on a variety of substrates – trees, soil, rock, etc.

BRAN

NORF ✓

WATE ✓



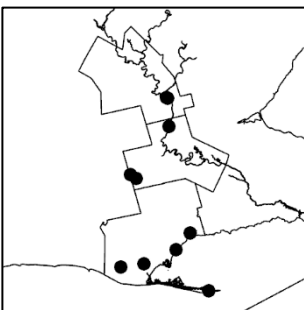
***Phaeophyscia pusilloides*** (Zahlbr.) Essl. – Pom-pom Shadow Lichen

Occurs on tree bark, mainly on hardwoods.

BRAN

NORF ✓

WATE ✓



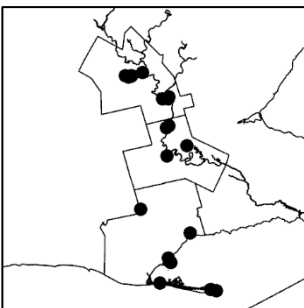
***Phaeophyscia rubropulchra*** (Degel.) Essl. – Orange-cored Shadow Lichen

Occurs mainly on tree bark, but also on rocks. Common.

BRAN ✓

NORF ✓

WATE ✓



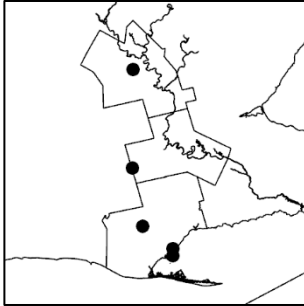
***Physcia adscendens*** H. Olivier – Hooded Rosette Lichen

Occurs on a variety of substrates but most vouchers in the study area are from tree branches. Common.

BRAN ✓

NORF ✓

WATE ✓



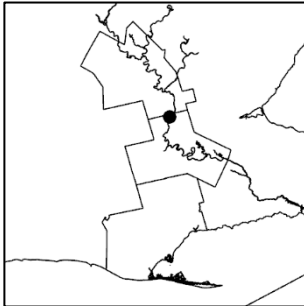
***Physcia aiopolia*** (Ehrh. ex Humb.) Fűrnr. – Hoary Rosette Lichen

Occurs mainly on tree bark.

BRAN ✓

NORF ✓

WATE ✓



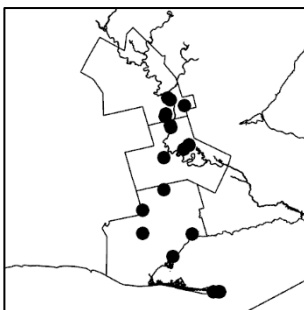
***Physcia caesia*** (Hoffm.) Fűrnr. – Blue-gray Rosette Lichen

The Brant County voucher is from an acidic boulder, but it can also occur on alkaline rock and (rarely) trees (McMullin 2023).

BRAN ✓

NORF

WATE



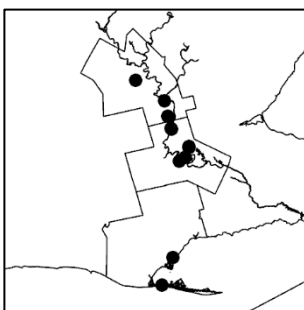
***Physcia millegrana*** Degel. – Rosette Lichen

Occurs on a variety of substrates – bark, wood, rock, etc. Common.

BRAN ✓

NORF ✓

WATE ✓



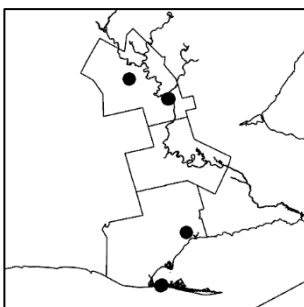
***Physcia stellaris*** (L.) Nyl. – Starry Rosette Lichen

Occurs on a variety of substrates – bark, wood, rock, etc. Common.

BRAN ✓

NORF ✓

WATE ✓



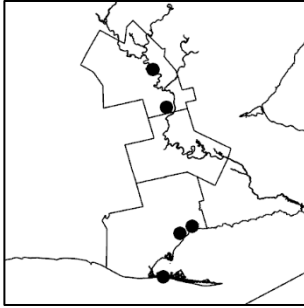
***Physciella chloantha*** (Ach.) Essl. – Powder-margined Cryptic Shade Lichen

Occurs on tree bark, wood, and rocks. Uncommon.

BRAN

NORF ✓

WATE ✓



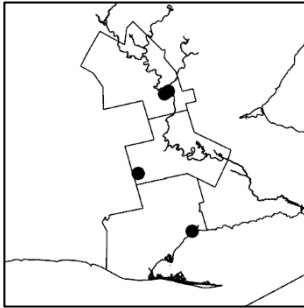
***Physciella melanchra*** (Hue) Essl. – Mealy Cryptic Shade Lichen

Vouchers from the study area are from tree bark and wood but it can also occur on rocks (McMullin 2023). Uncommon.

BRAN

NORF ✓

WATE ✓



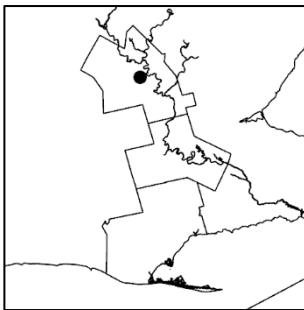
***Physconia detersa*** (Nyl.) Poelt – Bottlebrush Frost Lichen

Vouchers from the study area are from tree bark and wood but it can also occur on rocks (McMullin 2023). Uncommon.

BRAN ✓

NORF ✓

WATE ✓



***Physconia perisidiosa*** (Erichsen) Moberg – Crescent Frost Lichen

The only voucher from the study area is a 1936 collection from Waterloo with no habitat information. Elsewhere in its range it occurs on bark, wood, and rocks (McMullin 2023).

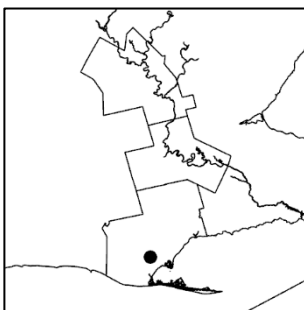
BRAN

NORF

WATE ✓ (historical)

---

CLADONIACEAE – Pixie Cup Family



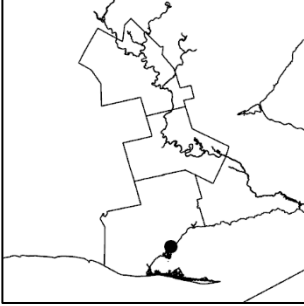
***Cladonia arbuscula*** (Wallr.) Flot. – Grey Reindeer Lichen

The only voucher from the study area is from a sand barren in Norfolk County. Also occurs on rock elsewhere in its range (McMullin 2023).

BRAN

NORF ✓

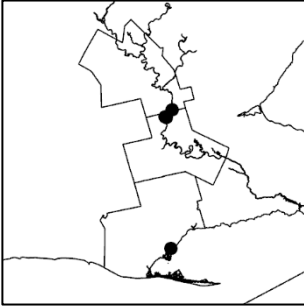
WATE



(R) *Cladonia cervicornis* (Ach.) Flot. – Brown Pixie Cup

The 1978 Norfolk County voucher is from a pine plantation where presumably growing on sandy ground typical of those habitats in the region. Rare.

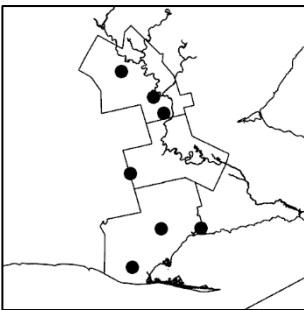
BRAN  
 NORF ✓ (historical)  
 WATE



*Cladonia chlorophaea* (Flörke ex Sommerf.) Sprengel – Mealy Pixie Cup

Occurs on a variety of substrates – rock, soil, rotting wood, and even moss hummocks.

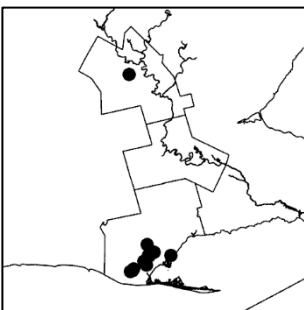
BRAN ✓  
 NORF ✓  
 WATE ✓



*Cladonia coniocraea* (Flörke) Spreng. – Common Powderhorn

Occurs on a variety of substrates – rock, soil, dead wood, etc.

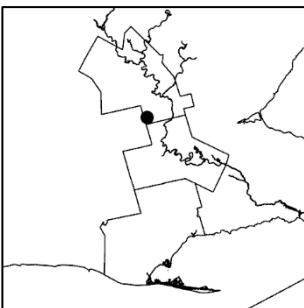
BRAN ✓  
 NORF ✓  
 WATE ✓



*Cladonia cristatella* Tuck. – British Soldiers

Occurs on rock and well-drained soil in open environments.

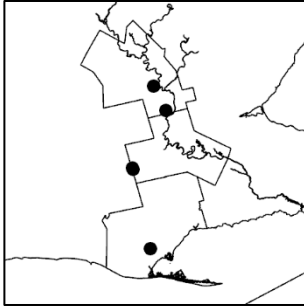
BRAN  
 NORF ✓  
 WATE ✓



*Cladonia deformis* (L.) Hoffm. – Lesser Sulphur Cup

The Waterloo Region voucher is from a dead stump in a hemlock-cedar swamp. Occurs on a variety of other substrates elsewhere in its range (McMullin 2023).

BRAN  
 NORF  
 WATE ✓



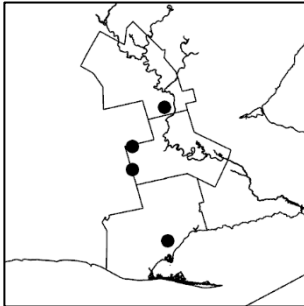
***Cladonia fimbriata* (L.) Fr. – Trumpet Lichen**

Occurs on a variety of substrates – rock, soil, wood, etc.

BRAN ✓

NORF ✓

WATE ✓



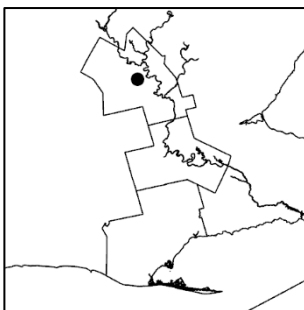
***Cladonia furcata* (Huds.) Schrad. – Forked Powderhorn**

Occurs on a variety of substrates – rock, soil, wood, etc.

BRAN ✓

NORF ✓

WATE ✓



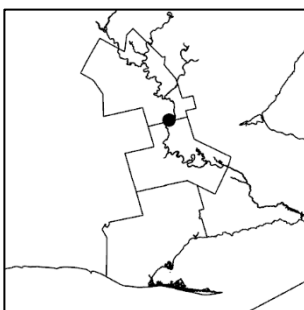
***Cladonia gracilis* (L.) Willd. – Smooth Powderhorn**

The only voucher from the study area is a 1937 collection from Waterloo with no habitat information. Elsewhere in its range it occurs on soil, wood, and rocks (McMullin 2023).

BRAN

NORF

WATE ✓ (historical)



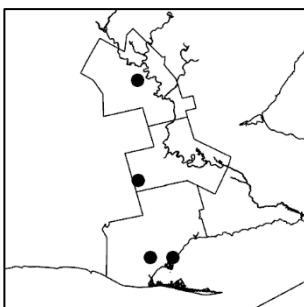
***Cladonia grayi* G. Merr. ex Sandst. – Gray's Pixie Cup**

The Waterloo Region voucher (WDV 657 at CANL) was growing on *Sphagnum* hummocks in a rich fen.

BRAN

NORF

WATE ✓



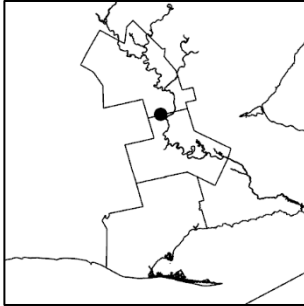
***Cladonia macilenta* Hoffm. – Lipstick Powderhorn**

Occurs on dead wood and soil. Vouchers identified to variety are var. *bacillaris*, but var. *macilenta* might also occur in the study area.

BRAN ✓

NORF ✓

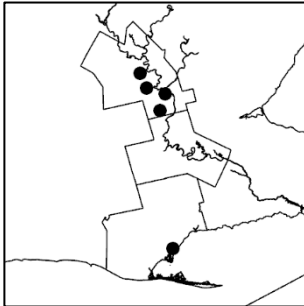
WATE ✓



(R) *Cladonia magyarica* Vain. ex Gyeln. – Smooth Pixie Cup

The Waterloo Region voucher is from an exposed calcareous sandy slope. Occurs on other alkaline substrates elsewhere in its range (McMullin 2023). Rare.

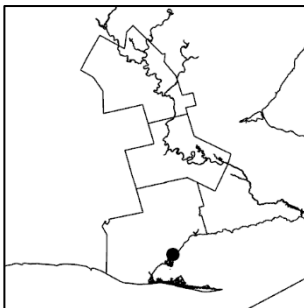
BRAN  
NORF  
WATE ✓



*Cladonia ochrochlora* Flörke – Smooth-footed Powderhorn

Vouchers from the study area are all from stumps and other dead wood. Vouchers are needed from Brant County.

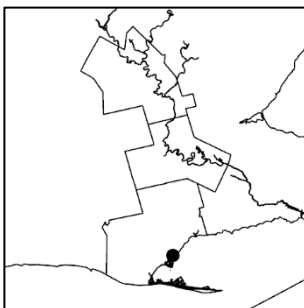
BRAN  
NORF ✓  
WATE ✓



*Cladonia phyllophora* Hoffm. – Felt Powderhorn

The 1978 voucher from Norfolk County (CANL 74231) has no detailed habitat information. Elsewhere in its range it occurs mostly on dead wood (McMullin 2023).

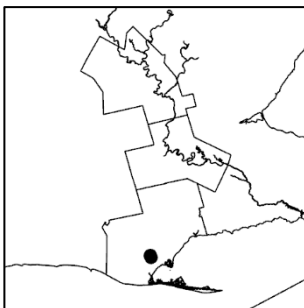
BRAN  
NORF ✓ (historical)  
WATE



*Cladonia pyxidata* (L.) Hoffm. – Pebbled Pixie Cup

The 1978 voucher from Norfolk County (CANL 74233) has no detailed habitat information. Elsewhere in its range it occurs mostly on dead wood (McMullin 2023).

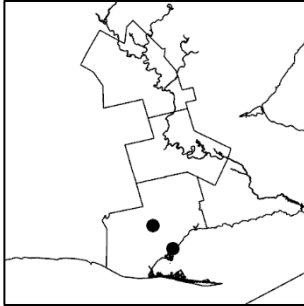
BRAN  
NORF ✓ (historical)  
WATE



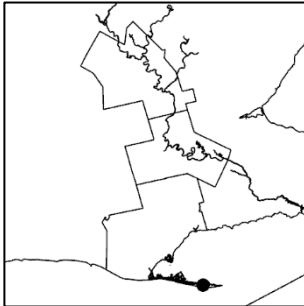
(R) *Cladonia rangiferina* (L.) Weber – Grey Reindeer Lichen

The only vouchers from the study area are from sand barrens in Norfolk County. Elsewhere it occurs on soil and rock in exposed environments (McMullin 2023).

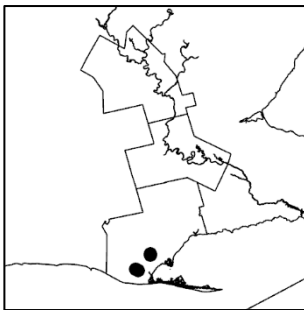
Rare.  
BRAN  
NORF ✓  
WATE



(R) *Cladonia rei* Schaer. – Wand Powderhorn  
Occurs on well-drained sandy soils in Norfolk County. Rare.  
BRAN  
NORF ✓  
WATE



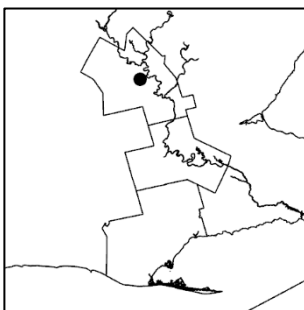
(R) *Cladonia stellaris* (Opiz) Pouzar & Vězda – Star-tipped Reindeer Lichen  
Known only from Long Point where it occurs on treed sand dunes. Rare.  
BRAN  
NORF ✓  
WATE



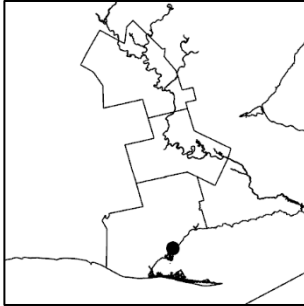
(R) *Cladonia verticillata* (Hoffm.) Ach. – Ladder Lichen  
Known only from sand barrens in Norfolk County. Rare.  
BRAN  
NORF ✓  
WATE

---

PARMELIACEAE – Shield Lichen Family



*Bryoria furcellata* (Fr.) Brodo & D. Hawksw. – Burred Horsehair Lichen  
A 1937 voucher from Waterloo (NCU-L-0003482) includes no detailed habitat information. Occurs mainly on conifer bark elsewhere in its range (McMullin 2023).  
BRAN  
NORF  
WATE ✓ (historical)

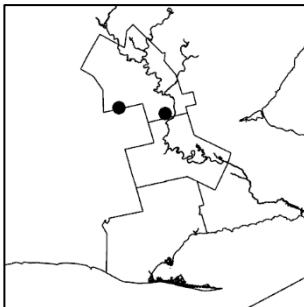


(R) *Cetraria arenaria* Kärnefelt – Sand Iceland Lichen  
 Known only from sand barrens in Norfolk County. Rare.  
 BRAN  
 NORF ✓  
 WATE

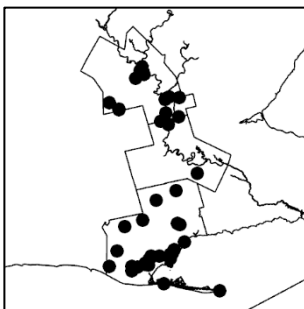
**OCCURRENCE MAP  
 NOT YET AVAILABLE**

*Crespoa crozalsiana* (B. de Lesd. ex Harm.) Lendemer & Hodk. – Reticulate Shield Lichen  
 Collected at two locations in Norfolk County by S.R. Brinker (2025) and since found at several additional locations in the county. Although only recently discovered in Canada (McMullin *et al.* 2021), this species is now known to be relatively widespread in southern Ontario and should be looked for elsewhere in the study area.

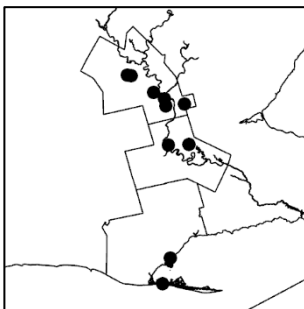
BRAN  
 NORF ✓  
 WATE



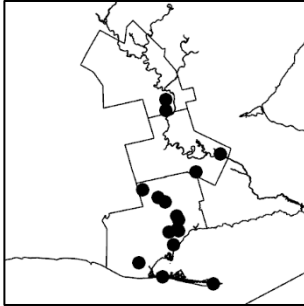
(R) *Evernia mesomorpha* Nyl. – Boreal Oakmoss  
 Tree trunks. Rare.  
 BRAN  
 NORF  
 WATE ✓



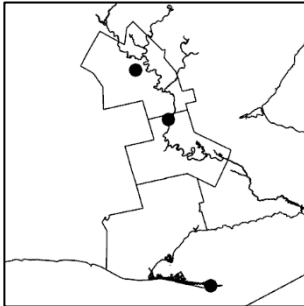
*Flavoparmelia caperata* (L.) Hale – Common Greenshield  
 Occurs mainly on living trees and dead wood, rarely on rock. Common.  
 BRAN ✓  
 NORF ✓  
 WATE ✓



*Flavopunctelia flaventior* (Stirt.) Hale – Speckled Greenshield  
 Occurs on bark and occasionally on dead wood. Common.  
 BRAN ✓  
 NORF ✓  
 WATE ✓



***Flavopunctelia soledica*** (Nyl.) Hale – Powder-edged Greenshield  
 Occurs on bark and dead wood, including old fence rails. Common.  
 BRAN ✓  
 NORF ✓  
 WATE ✓

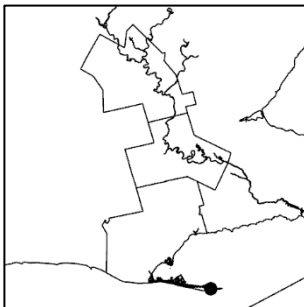


***Hypogymnia physodes*** (L.) Nyl. – Hooded Tube Lichen  
 All vouchers from the study area are from tree branches.  
 BRAN ✓  
 NORF ✓  
 WATE ✓

**OCCURRENCE MAP  
 NOT YET AVAILABLE**

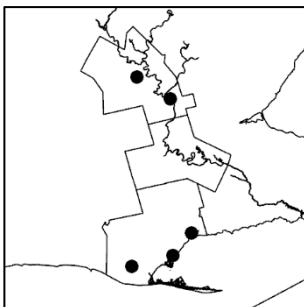
(R) ***Hypotrachyna minarum*** (Vain.) Krog & Swinsc. – Hairless-spined Loop  
 A new addition to the Ontario mycoflora recently found by S.R. Brinker (2025) at three locations in Norfolk County. Rare.

BRAN  
 NORF ✓  
 WATE



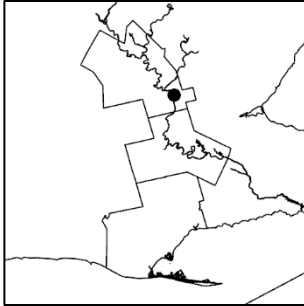
(R) ***Imshaugia aleurites*** (Ach.) S.L.F. Mey. – Salted Starburst Lichen  
 The Norfolk County voucher is from worn dead wood on Long Point. Rare.

BRAN  
 NORF ✓  
 WATE



***Melanelixia subaurifera*** (Nyl.) O. Blanco, A. Crespo, Divakar, Essl., D. Hawksw. & Lumbsch – Abraded Camouflage Lichen  
 All vouchers from the study area are from the bark of living trees.

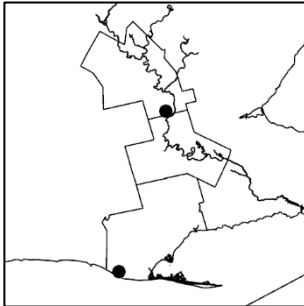
BRAN ✓  
 NORF ✓  
 WATE ✓



***Montanelia sorediata*** (Ach.) Divakar, A. Crespo, Wedin & Essl. – Powdered Camouflage Lichen

Known only from an 1892 voucher from Galt (CANL 14042), which makes this the first formal documentation of a fungus in the study area. A northern species that occurs on rocks (McMullin 2023).

BRAN  
NORF  
WATE ✓ (historical)



***Myelochroa aurulenta*** (Tuck.) Elix & Hale – Powdery Axil-bristle Lichen  
Occurs on the bark of deciduous trees.

BRAN ✓  
NORF ✓  
WATE ✓

**OCCURRENCE MAP  
NOT YET AVAILABLE**

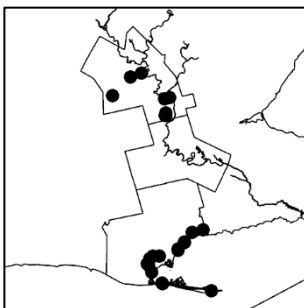
(R) ***Myelochroa galbina*** (Ach.) Elix & Hale – Smooth Axil-bristle Lichen  
Observed in Norfolk County in 2025 by WDV (iNaturalist 331462429). Two other recent observations from Norfolk County do not have precise locality details. Rare.

BRAN  
NORF ✓  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

(R) ***Myelochroa metarevoluta*** (Asah.) Elix & Hale  
A new addition to the Canadian mycoflora collected at two locations in Norfolk County by S.R. Brinker (2025). To be looked for elsewhere in Norfolk and potentially elsewhere in the study area.

BRAN  
NORF ✓  
WATE



***Parmelia sulcata*** Taylor – Common Shield Lichen

Occurs on a variety of substrates, but most commonly on bark and branches of living trees. Common, but vouchers are needed from Brant County.

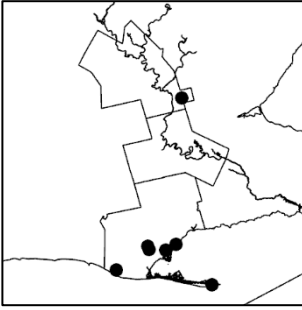
BRAN  
NORF ✓  
WATE ✓

**OCCURRENCE MAP  
NOT YET AVAILABLE**

(R) ***Parmotrema austrosinense*** (Zahlbr.) Hale – Pretty Ruffle Lichen  
Collected at two locations in Norfolk County by S.R. Brinker (2025).

BRAN  
NORF ✓

WATE



***Parmotrema hypotropum*** (Nyl.) Hale – Powdered Ruffle Lichen  
Occurs on bark and branches of living trees. Provincially rare (S3) but known from more than five locations in the study area.

BRAN

NORF ✓

WATE ✓

Ontario S3 (NHIC 2024)



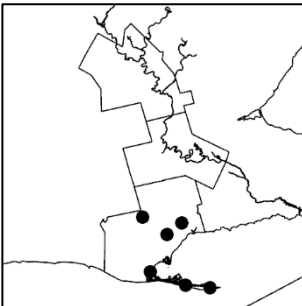
(R) ***Parmotrema reticulatum*** (Taylor) M. Choisy – Black Sheet Lichen  
On trunks and branches of living trees. Records from Norfolk County do not have precise locality information. Rare.

BRAN ✓

NORF ✓

WATE

Ontario S3 (NHIC 2024)



***Punctelia bolliana*** (Müll. Arg.) Krog – Eastern Speckled Shield Lichen  
Occurs on bark of deciduous trees.

BRAN

NORF ✓

WATE

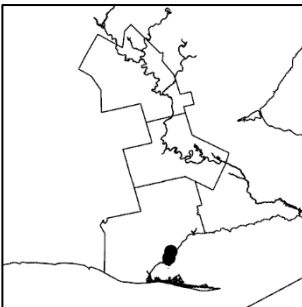
**OCCURRENCE MAP  
NOT YET AVAILABLE**

(R) ***Punctelia borreri*** (Sm.) Krog – Borrer's Speckled Shield Lichen  
Recently discovered at two locations in Norfolk County by S.R. Brinker (2025).

BRAN

NORF ✓

WATE



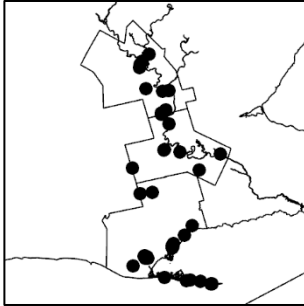
(R) ***Punctelia missouriensis*** G. Wilh. & Ladd – Mealy Speckled Shield Lichen  
Known only from the Turkey Point area where it occurs on living trees and dead wood. Provincially rare (S2).

BRAN

NORF ✓

WATE

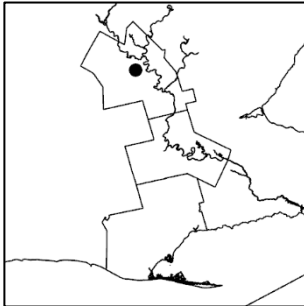
Ontario S2 (NHIC 2024)



***Punctelia rudecta*** (Ach.) Krog – Rough Speckled Shield Lichen

Occurs on bark and branches of living trees, also occasionally on dead wood.

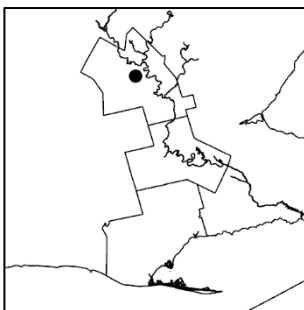
Common.  
BRAN ✓  
NORF ✓  
WATE ✓



***Tuckermannopsis ciliaris*** Ach.

The only record from the study area is a 1937 collection from Waterloo (UVMVT 017688) described as being “on conifer”.

BRAN  
NORF  
WATE ✓ (historical)



***Usnea hirta*** (L.) Fr. – Bristly Beard Lichen

A collection from “Waterloo Canada” (UVMVT 019971) has no date or habitat details but is included here with some hesitation.

BRAN  
NORF  
WATE ?

**OCCURRENCE MAP  
NOT YET AVAILABLE**

(R) ***Usnea mutabilis*** Stirton – Bloody Beard Lichen

A new addition to the Ontario mycoflora discovered by S.R. Brinker (2025) on Long Point. Rare.

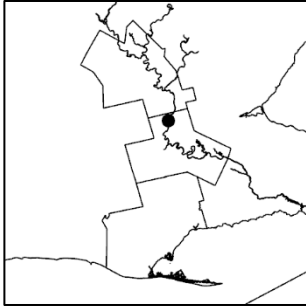
BRAN  
NORF ✓  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

(R) ***Usnocetraria oakesiana*** (Tuck.) M.J. Lai & J.C. Wei – Yellow Ribbon Lichen

Occurs on tree bark. Discovered at two locations in Norfolk County in 2025. A 2020 observation from Norfolk (iNaturalist 39282710) does not have precise locality details. Rare.

BRAN  
NORF ✓  
WATE

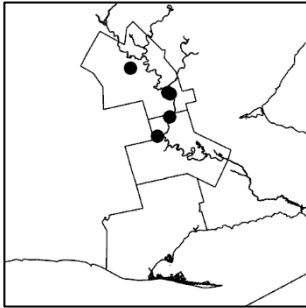


(R) *Xanthoparmelia angustiphylla* (Gyeln.) Hale – Narrow-lobed Rock Shield  
The Brant County voucher (iNaturalist 266307402) was growing on a granite erratic boulder in a prairie remnant. Rare.

BRAN ✓

NORF

WATE



*Xanthoparmelia cumberlandia* (Gyeln.) Hale – Cumberland Rock Shield  
Occurs mainly on acidic rocks, but also on alkaline rock and even concrete. Vouchers are needed from Norfolk County.

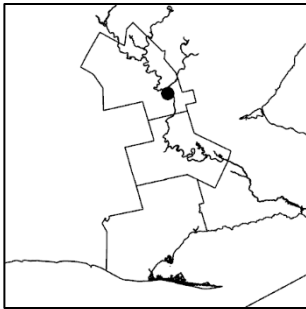
BRAN ✓

NORF

WATE ✓

---

PSORACEAE – Scale Lichen Family



(R) *Psora decipiens* (Hedw.) Hoffm. – Blushing Scale

Known only from an area of exposed dolostone bedrock in Waterloo Region.

Provincially rare (S3) and restricted to alvars and other areas of exposed alkaline rock.

BRAN

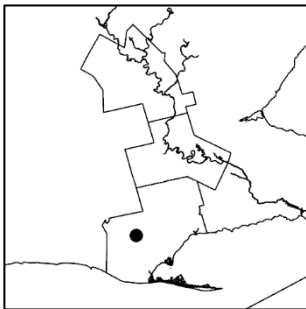
NORF

WATE ✓

Ontario S3 (NHIC 2024)

---

RAMALINACEAE – Bushy Lichen Family



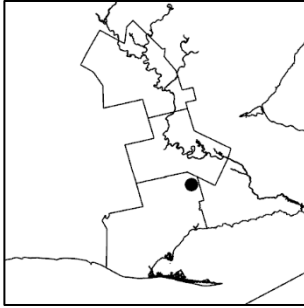
(R) *Ramalina intermedia* (Delise ex Nyl.) Nyl. – Rocky Bushy Lichen

The only known record in the study area is a 2022 iNaturalist observation from Norfolk County which is correctly identified but the habitat is unclear. Elsewhere in Ontario this species grows mainly on rock, but occasionally on trees (McMullin 2023). Rare.

BRAN

NORF ✓

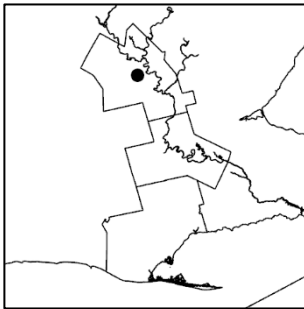
WATE



(R) *Ramalina labiosorediata* Gasparyan, Sipman & Lücking  
The only voucher from the study area is from a tree trunk in Norfolk County.  
Provincially rare (S3).  
BRAN  
NORF ✓  
WATE  
Ontario S3 (NHIC 2024)

---

#### STEREOCAULACEAE – Rock Foam Family

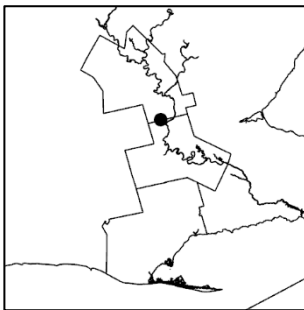


*Stereocaulon dactylophyllum* Flörke – Finger-scale Foam  
Known only from a 1937 collection from Waterloo (NCU-L-0007072) with no habitat information. Elsewhere in Ontario it occurs on acidic rocks (McMullin 2023).  
BRAN  
NORF  
WATE ✓

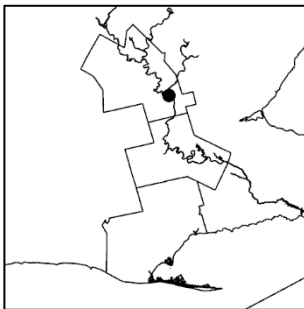
---

#### Peltigerales – Pelt Lichens, Jelly Lichens, Lungworts, and Allies

##### COLLEMATACEAE – Jelly Lichen Family

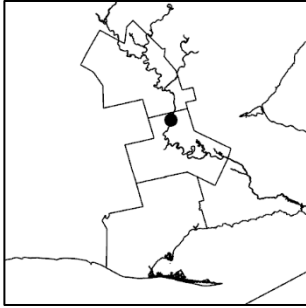


(R) *Enchylium tenax* (Sw.) Gray – Jelly Lichen  
The Waterloo Region voucher is from an exposed sandy slope. Rare.  
BRAN  
NORF  
WATE ✓



(R) *Lathagrium fuscovirens* (With.) Otálora, P.M. Jørg. & Wedin – Crumpled Rock Tarpaper Lichen  
The Waterloo Region voucher is from a dolostone cliff. Rare.  
BRAN  
NORF  
WATE ✓

---



(R) *Leptogium rivulare* (Ach.) Mont. – Flooded Jellyskin

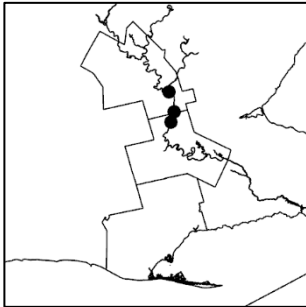
Recent observations from Brant and Norfolk Counties. The Brant observation (iNaturalist 40544500) is from periodically inundated boulders in a maple-dominated kettle pond. This is atypical habitat for this species which normally occurs on seasonally inundated bases of hardwood trees (Brodo *et al.* 2001; Brinker and Lewis 2013; McMullin 2023). Provincially rare (S3) and listed as special concern under Canada's *Species at Risk Act*.

BRAN ✓

NORF ✓

WATE

Ontario S3 (NHIC 2024)



*Scytinium lichenoides* (L.) Otálora, P.M. Jørg. & Wedin – Tattered Jellyskin

Occurs on periodically inundated rocks in the Grand River and potentially other watercourses in the study area.

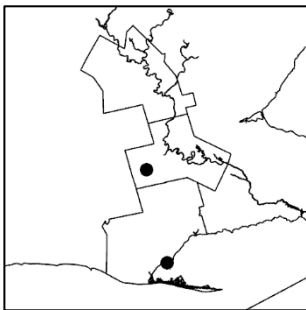
BRAN ✓

NORF

WATE ✓

---

LOBARIACEAE – Lungwort Family



*Ricassolia quercizans* (Michx.) Stizenb. – Smooth Lungwort

There are vouchers from Brant County (CANL 62433) and Norfolk County (CANL 62413), but this species has not been seen in the study area since 1940.

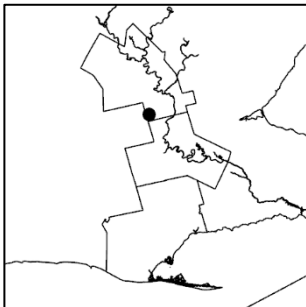
BRAN ✓ (historical)

NORF ✓ (historical)

WATE

---

PELTIGERACEAE – Pelt Lichen Family



*Peltigera canina* (L.) Willd. – Dog Pelt Lichen

The Waterloo Region voucher was growing on exposed tree roots in a cedar-hemlock swamp, but this species occurs on a wide variety of other substrates elsewhere in its range (McMullin 2023).

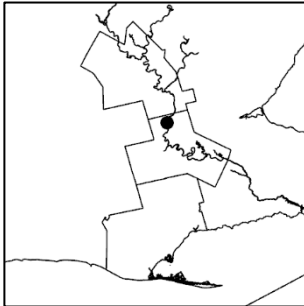
BRAN

NORF

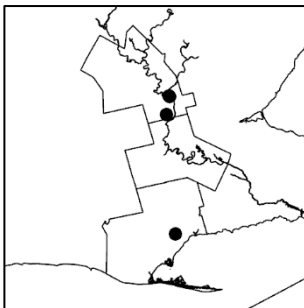
WATE ✓



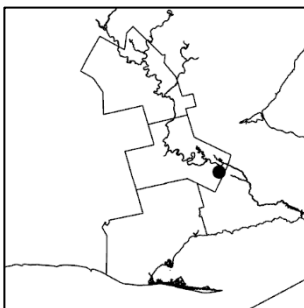
***Peltigera didactyla*** (With.) J.R. Laundon – Alternating Dog Lichen  
 Known only from two 1978 vouchers from Turkey Point.  
 BRAN  
 NORF ✓ (historical)  
 WATE



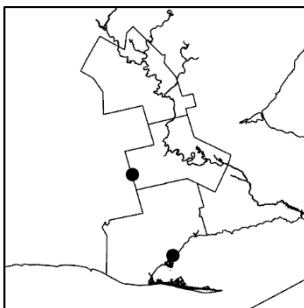
***Peltigera elisabethae*** Gyeln. – Concentric Pelt Lichen  
 The Brant County voucher is from calcareous boulders in a floodplain forest.  
 BRAN ✓  
 NORF  
 WATE



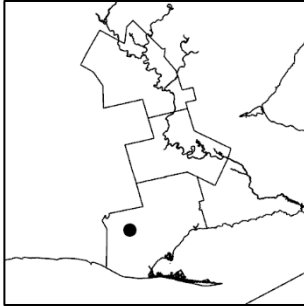
***Peltigera evansiana*** Gyeln. – Peppered Pelt Lichen  
 Occurs on a variety of substrates in shady environments. Vouchers are needed from Brant County.  
 BRAN  
 NORF ✓  
 WATE ✓



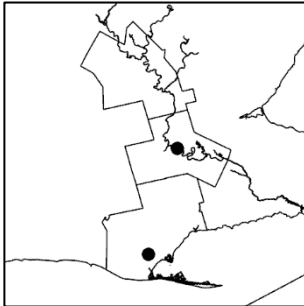
***Peltigera extenuata*** (Nyl. ex Vain.) Lojka – Sheepish Pelt Lichen  
 The Brant County voucher is from a moist, mossy mowed area on sandy soil.  
 BRAN ✓  
 NORF  
 WATE



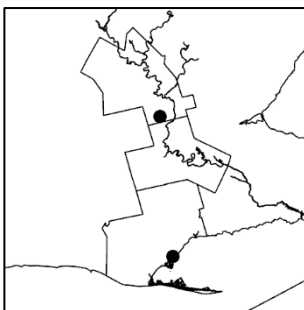
***Peltigera lepidophora*** (Nyl. ex Vain.) Bitt. – Scaly Pelt Lichen  
 There are vouchers from Brant County (CANL 62360) and Norfolk County (CANL 74255), but this species has not been seen in the study area since 1978.  
 BRAN ✓ (historical)  
 NORF ✓ (historical)  
 WATE



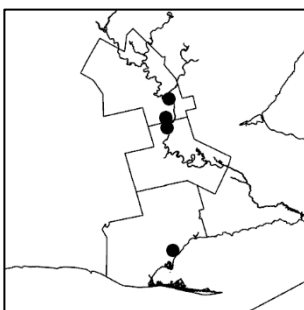
***Peltigera neckeri*** Hepp ex Müll. Arg. – Black Saddle Pelt Lichen  
 Known only from Norfolk County. Occurs on a wide variety of substrates in its Ontario range (McMullin 2023).  
 BRAN  
 NORF ✓  
 WATE



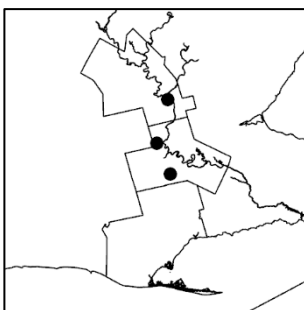
***Peltigera polydactylon*** (Neck.) Hoffm. – Many-fruited Pelt Lichen  
 Occurs on a variety of substrates in forested habitats.  
 BRAN ✓  
 NORF ✓  
 WATE



***Peltigera ponojensis*** Gyeln. – Pale-bellied Pelt Lichen  
 Dry, sandy open ground.  
 BRAN  
 NORF ✓ (historical)  
 WATE ✓



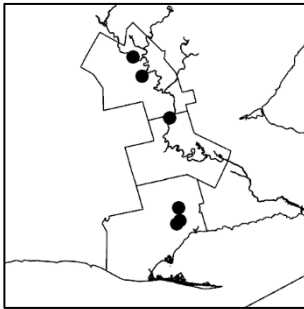
***Peltigera praetextata*** (Flörke ex Sommerf.) Zopf – Scaly Pelt Lichen  
 Occurs on a variety of substrates – soil, rock, rotting wood, tree bases, etc.  
 BRAN ✓  
 NORF ✓  
 WATE ✓



***Peltigera rufescens*** (Weiss) Humb. – Field Dog Lichen  
 Occurs on exposed, dry sandy soil and rocks. Vouchers are needed from Norfolk County.  
 BRAN ✓  
 NORF  
 WATE ✓

## Teloschistales – Goldeneye Lichens and Allies

### TELOSCHISTACEAE – Goldeneye Lichen Family



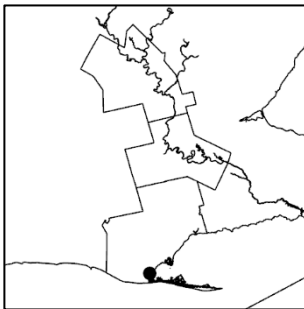
***Rusavskia elegans*** (Link) S.Y. Kondr. & Kärnefelt – Elegant Sunburst Lichen

Occurs on rocks and concrete. Common.

BRAN ✓

NORF ✓

WATE ✓



(R) ***Teloschistes chrysophthalmus*** (L.) Th. Fr. – Goldeneye Lichen

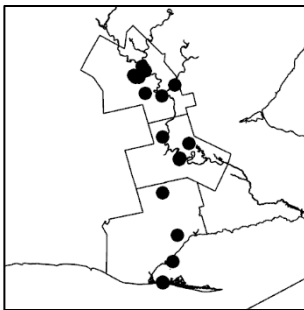
Recently rediscovered in the study area on Long Point by S.R. Brinker (iNaturalist 311302555). Previously, the only record from the study area was an 1892 collection from Port Rowan by John Macoun (CANL 18094). The Great Lakes population of this species is listed as endangered under Canada's *Species at Risk Act* and Ontario's *Endangered Species Act, 2007*.

BRAN

NORF ✓

WATE

Ontario S3 (NHIC 2024)



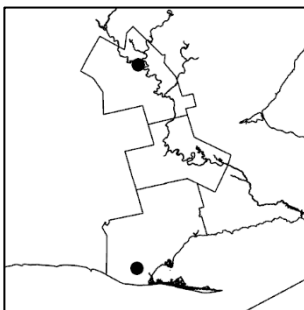
***Xanthomendoza fallax*** Söchting, Kärnefelt & S.Y. Kondr. – Hooded Sunburst Lichen

Occurs on trees, dead wood, and occasionally on rocks. Common.

BRAN ✓

NORF ✓

WATE ✓



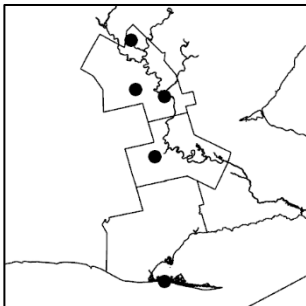
***Xanthomendoza hasseana*** (Räsänen) Söchting, Kärnefelt & S.Y. Kondr. – Poplar Sunburst Lichen

Vouchers from the study area are all from tree branches. Probably more common than records suggest.

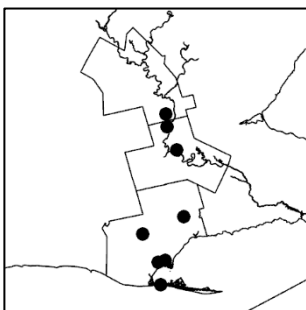
BRAN

NORF ✓

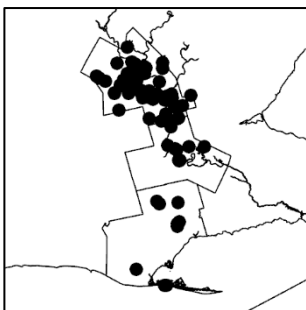
WATE ✓



***Xanthomendoza ulophyllodes*** (Räsänen) Søchting, Kärnefelt & S.Y. Kondr. – Powdery Sunburst Lichen  
 Vouchers from the study area are all from tree branches and bark.  
 BRAN ✓  
 NORF ✓  
 WATE ✓



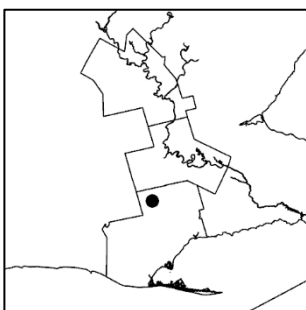
***Xanthomendoza weberi*** (S.Y. Kondr. & Kärnefelt) L. Lindblom – Bare-bottom Sunburst Lichen  
 Occurs on tree branches, bark, and dead wood, including treated lumber.  
 BRAN ✓  
 NORF ✓  
 WATE ✓



**\**Xanthoria parietina*** (L.) Th. Fr. – Common Sunburst Lichen  
 Occurs mainly on trees, but also on dead wood, rocks, concrete, and even metal surfaces. This conspicuous and easily identifiable lichen was rediscovered in Ontario in 2007 after not being documented for over 100 years but is now nearly ubiquitous in the study area. It is a principally maritime coastal species with high tolerance to nitrogen deposition and seems to be thriving in southern Ontario where industrial output and widespread use of agricultural fertilizers has caused high nitrogen deposition on trees and other substrates (Gaio-Oliveira *et al.* 2005; Brodo *et al.* 2007; Baugh and Leavitt 2022).  
 BRAN ✓  
 NORF ✓  
 WATE ✓

## Umbilicariales – Rock Tripes and Allies

### OPHIOPARMACEAE – Bloodspot Lichen Family

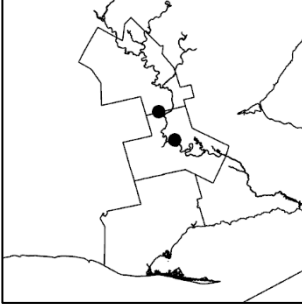


***Hypocenomyce scalaris*** (Ach.) M. Choisy – Common Clam Lichen  
 The Norfolk County voucher was on dead wood. Occurs on bark, dead wood, and often burnt wood elsewhere in Ontario (McMullin 2023).  
 BRAN  
 NORF ✓  
 WATE

## LEOTIOMYCETES

### Helotiales

*Incertae sedis* – uncertain placement



***Stamnaria americana*** Masee & Morgan

A parasite on culms of *Equisetum hyemale* L. (rough horsetail). Species of *Stamnaria* are host-specific on species of *Equisetum* and others should be looked for in the study area.

BRAN ✓

NORF

WATE ✓

---

### CENANGIACEAE



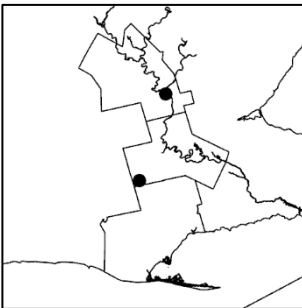
***Chlorencoelia torta*** (Schwein.) J.R. Dixon

A saprobe on hardwood logs. Requires microscopy to differentiate from *C. versiformis*.

BRAN ✓

NORF ✓

WATE



***Chlorencoelia versiformis*** (Pers.) J.R. Dixon – Olive-brown Cup

A saprobe on hardwood logs. Requires microscopy to differentiate from *C. torta*.

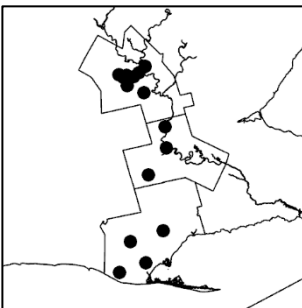
BRAN ✓

NORF

WATE ✓

---

### CHLOROCIBORIACEAE – Elf Cup Family



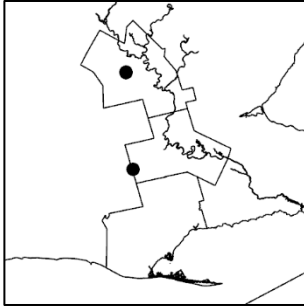
***Chlorociboria aeruginascens*** (Nyl.) Kanouse – Green Elf Cup

A saprobe on logs of all kinds causing distinctive greenish-blue discoloration of deadwood. Common.

BRAN ✓

NORF ✓

WATE ✓



***Chlorociboria aeruginosa*** (Oeder) Seaver – Turquoise Elf Cup

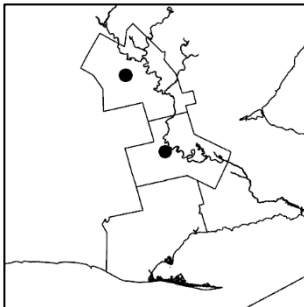
A saprobe on logs of all kinds causing distinctive greenish-blue discoloration of deadwood. Although it appears to be less common than *C. aeruginascens* based on voucher specimens, it may be overlooked due to confusion with that species.

BRAN ✓

NORF

WATE ✓

GELATINODISCACEAE – Jellydisc Family



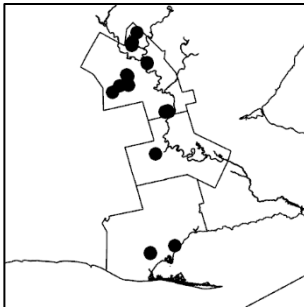
***Ascocoryne cylichnium*** (Tul.) Korf

A saprobe on hardwood logs. Possibly overlooked due to confusion with *A. sarcoides*.

BRAN ✓

NORF

WATE ✓



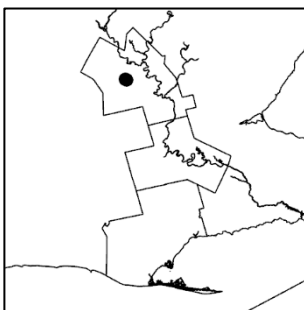
***Ascocoryne sarcoides*** (Jacq.) J.W. Groves & D.E. Wilson – Purple Jellydisc

A saprobe on hardwood logs.

BRAN ✓

NORF ✓

WATE ✓



(R) ***Neobulgaria pura*** (Pers.) Petr. – Beech Jellydisc

A saprobe on a variety of hardwoods. The only vouchers from the study area are from the same woodlot in Waterloo Region where it has been observed in multiple different years. Rare.

BRAN

NORF

WATE ✓

GODRONIACEAE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Godronia uberiformis*** J.W. Groves

BRAN ✓ (historical)

NORF

WATE

HELOTIACEAE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

*Bispora betulina* (Corda) S. Hughes  
BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

*Helotium affinissimum* Peck  
BRAN ✓ (historical)  
NORF  
WATE



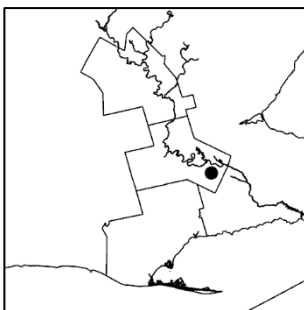
*Hymenoscyphus calcyculus* (Fr.) W. Phillips  
A saprobe on twigs and bark of hardwood trees.  
BRAN  
NORF ✓  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

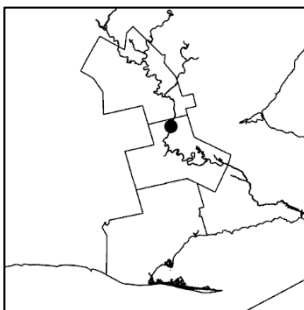
*Hymenoscyphus epiphyllus* (Pers.) Rehm ex Kauffmann  
BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

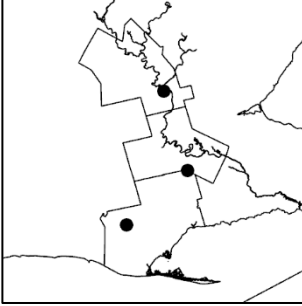
*Hymenoscyphus erraticus* (W.L. White) Otani  
BRAN ✓ (historical)  
NORF  
WATE



*Hymenoscyphus fructigenus* (Bull.) Gray – Nut Disco  
A saprobe, distinctive for growing on tree nuts (acorns, walnuts, hickory nuts, etc.) *H. imberbis* has a similar habit of growing on nuts but has a much shorter stipe. Probably overlooked to some degree.  
BRAN ✓  
NORF  
WATE



*Hymenoscyphus imberbis* (Bull.) Dennis  
A saprobe, growing on tree nuts like *H. fructigenus*, which has a much longer stipe, but perhaps also growing on twigs and bark.  
BRAN ✓  
NORF  
WATE



***Tatraea macrospora*** (Peck) Baral

A saprobe on heavily decayed hardwood logs and stumps.

BRAN ✓

NORF ✓

WATE ✓

---

LACHNACEAE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Dasyscyphella dryina*** (P. Karst.) Raitv.

BRAN ✓ (historical)

NORF

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Dasyscyphella nivea*** (R. Hedw.) Raitv.

BRAN ✓ (historical)

NORF

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Dasyscyphella sulphuricolor*** (Peck) J.H. Haines

BRAN ✓ (historical)

NORF

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Lachnum corticale*** (W. Phillips) Nannf.

BRAN ✓ (historical)

NORF

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Lachnum cruciferum*** (Pers.) Nannf.

BRAN ✓ (historical)

NORF

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Lachnum crystallinum*** (Fuckel) Rehm

BRAN ✓ (historical)

NORF

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Lachnum flavofuligineum*** (Alb. & Schwein.) Rehm

BRAN ✓ (historical)

NORF

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Lachnum pubescens*** (Rehm) Svrček

BRAN ✓ (historical)

NORF

WATE

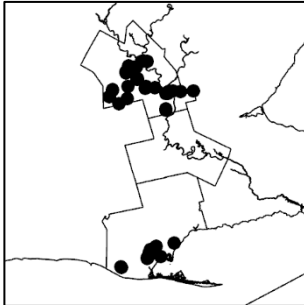
---

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Lachnum virgineum*** (Batsch) P. Karst. – Stalked Hairy Fairy Cup  
BRAN ✓ (historical)  
NORF  
WATE

---

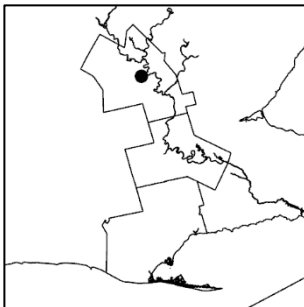
PEZIZELLACEAE



***Calycina citrina*** (Hedw.) Gray – Yellow Fairy Cup  
A saprobe on all kinds of dead wood. Common.  
BRAN ✓  
NORF ✓  
WATE ✓

---

SCLEROTINIACEAE



***Sclerencoelia fascicularis*** (Alb. & Schwein.) Pärtel & Baral  
A saprobe on dead and dying hardwood trees. The only voucher from the study area is a 2020 observation from Waterloo Region (iNaturalist 45740695).  
BRAN  
NORF  
WATE ✓

---

SOLENOPEZIACEAE

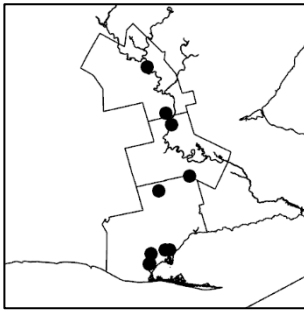
**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Trichopezizella nidulus*** (J.C. Schmidt & Kunze) Raitv.  
BRAN ✓ (historical)  
NORF  
WATE

---

## Leotiales – Jelly Clubs and Allies

### LEOTIACEAE – Jelly Club Family



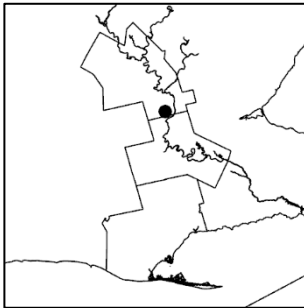
***Leotia lubrica*** (Scop.) Pers. – Ochre Jelly Club

A saprobe, most often on buried wood.

BRAN ✓

NORF ✓

WATE ✓



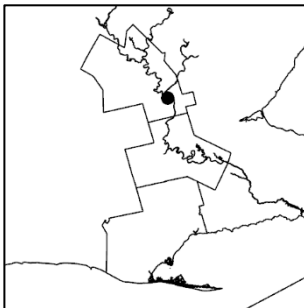
(R) ***Leotia viscosa*** Fr. – Chicken Lips

A saprobe, most often on buried wood. Rare; the only voucher is a 2021 observation from Waterloo Region.

BRAN

NORF

WATE ✓



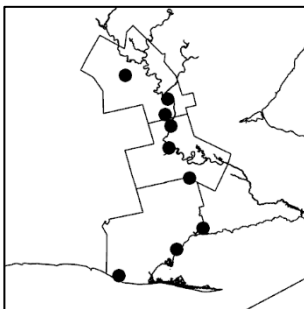
(R) ***Microglossum fumosum*** (Peck) E.J. Durant – Smoky Earth Tongue

A saprobe; the Waterloo Region voucher is from a rotten stump in a mixed wood swamp. Rare.

BRAN

NORF

WATE ✓



***Microglossum rufum*** (Schwein.) Underw. – Orange Earth Tongue

A saprobe on all kinds of wood in swamps and other moist habitats.

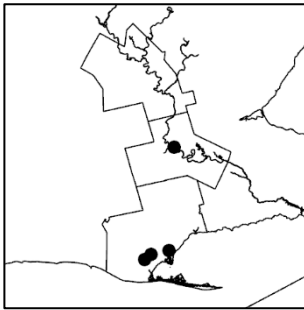
BRAN ✓

NORF ✓

WATE ✓

## Phacidiales

### PHACIDIACEAE



*Bulgaria inquinans* (Pers.) Fr. – Poor Man’s Licorice

A saprobe on hardwood trees.

BRAN ✓

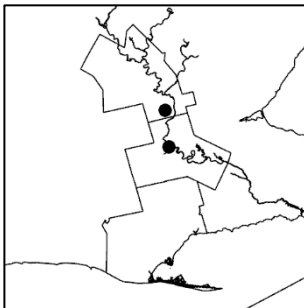
NORF ✓

WATE

---

## Rhytismatales – Tar Spot Fungi and Allies

### CUDONIACEAE



*Cudonia lutea* (Peck). Sacc.

A saprobe leaves and woody debris.

BRAN ✓

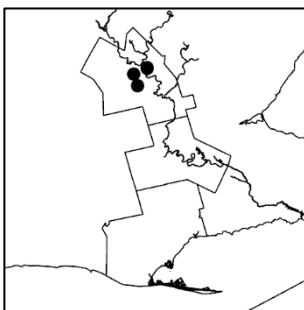
NORF

WATE ✓

---

## Thelebolales

### HOLWAYACEAE



*Holwaya mucida* (Schulzer) Korf & Abawi

A saprobe on hardwood trees. Three vouchers from Waterloo Region, but probably more common than records suggest.

BRAN

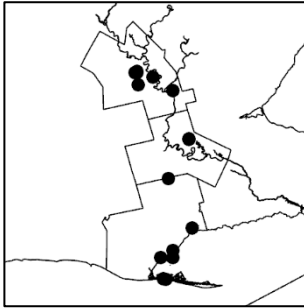
NORF

WATE ✓

## LICHINOMYCETES

### Candelariales – Candleflame Lichens and Allies

#### CANDELARIACEAE – Candleflame Lichen Family



**OCCURRENCE MAP  
NOT YET AVAILABLE**

#### *Candelaria concolor* (Dicks.) Arnold – Candleflame Lichen

Occurs on bark and wood of living and dead trees; occasionally on rock or other substrates. Common.

BRAN ✓

NORF ✓

WATE ✓

#### (R) *Candelaria fibrosa* (Fr.) Müll.Arg. – Fringed Candleflame Lichen

Discovered on Long Point by S.R. Brinker (2025). Rare.

BRAN

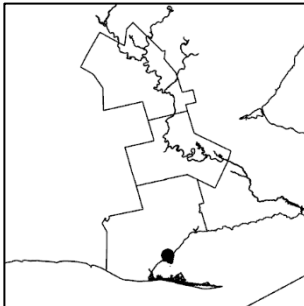
NORF ✓

WATE

---

### Coniocybales – Stubble Lichens and Allies

#### CONIOCYBACEAE – Stubble Lichen Family



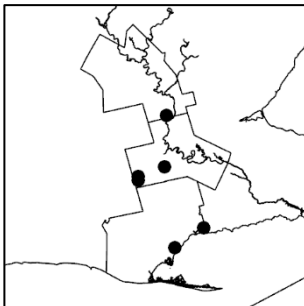
#### *Chaenotheca brunneola* (Ach.) Müll. Arg. – Brown-headed Stubble

Occurs on dead wood, particularly on standing snag trees.

BRAN

NORF ✓

WATE



#### *Chaenotheca furfuracea* (L.) Tibell – Sulphur Stubble

Occurs on dead wood and occasionally on soil in moist, sheltered sites.

BRAN ✓

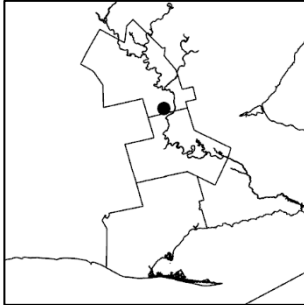
NORF ✓

WATE ✓

## Geoglossales – Earth Tongues and Allies

### GEOGLOSSACEAE – Earth Tongue Family

Species of Geoglossaceae are saprobic on a wide variety of wood and other plant material.

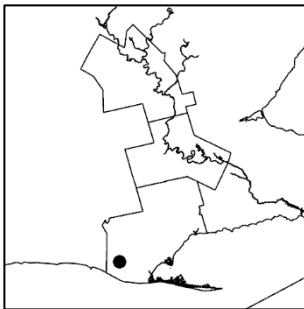


*Geoglossum cookeanum* Nannf. – Cooke's Earth Tongue

BRAN

NORF

WATE ✓



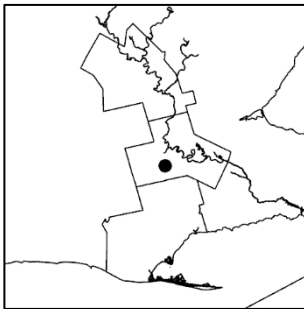
*Geoglossum difforme* Fr. – Slimy Earth Tongue

BRAN ✓

NORF ✓

WATE

IUCN: Near Threatened

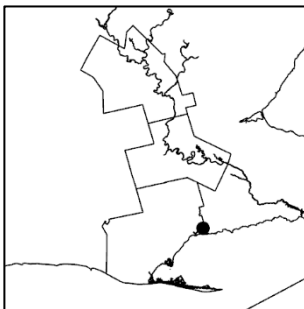


*Geoglossum glabrum* Schumach. – Smooth Earth Tongue

BRAN ✓

NORF

WATE



*Geoglossum simile* Peck – Common Black Earth Tongue

BRAN

NORF ✓

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

*Glutinoglossum glutinosum* (Pers.) Hustad, A.N. Mill., Dentinger & P.F. Cannon

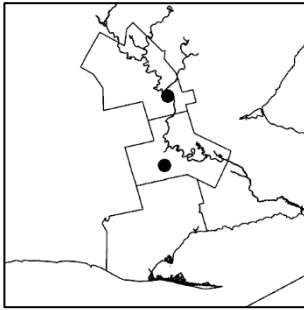
– Glutinous Earth Tongue

Both vouchers were growing on mossy hummocks in mixed wood swamps.

BRAN ✓ (historical)

NORF

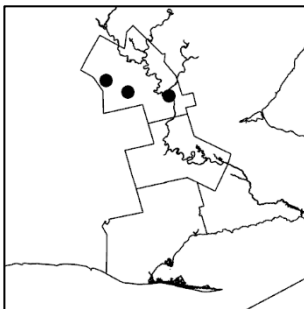
WATE



***Trichoglossum* “sp-MI02”** S.D. Russell crypt. temp.  
Both vouchers were growing on mossy hummocks in mixed wood swamps.  
BRAN ✓  
NORF  
WATE ✓

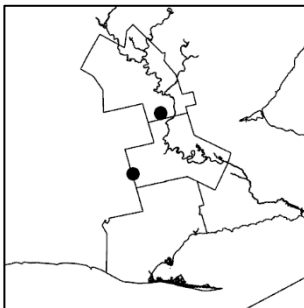
## Pezizales – Cup Fungi and Allies

### CALOSCYPHACEAE

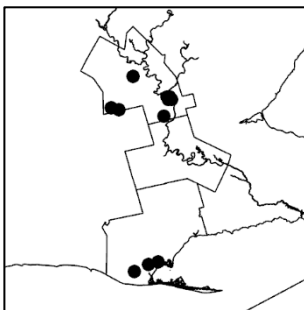


***Caloscypha fulgens*** (Pers.) Boud. – Spring Orange Peel Fungus  
Probably a saprobe but might also be mycorrhizal with conifers (Labbé 2024).  
Only known from Waterloo Region.  
BRAN  
NORF  
WATE ✓

### DISCINACEAE – False Morel Family



***Discina ancilis* complex** – Pig’s Ear  
Saprobic; on rotten logs and stumps or on the ground where growing from buried wood. A taxonomically difficult group with at least two species in the study area not yet formally described in the scientific literature.  
BRAN ✓  
NORF ✓  
WATE ✓



***Gyromitra brunnea*** Underw. – Brown False Morel  
Likely both saprobic and mycorrhizal; usually associated with oaks in the study area. Recently discovered in Brant County (iNaturalist 278463856).  
BRAN ✓  
NORF ✓  
WATE ✓

**OCCURRENCE MAP  
NOT YET AVAILABLE**

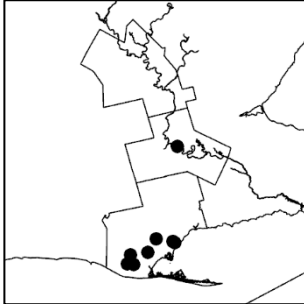
***Gyromitra esculenta*** (Pers.) Fr. – False Morel

The only record from the study area is a 1938 collection from Brant County (DAOM 86696).

BRAN ✓ (historical)

NORF

WATE



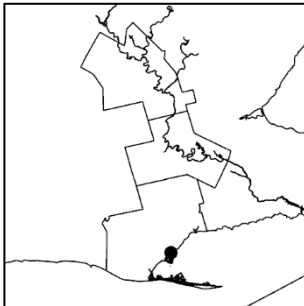
***Gyromitra gigas* complex** – Giant False Morel

A taxonomically difficult group containing several virtually identical species, at least three of which may present in the study area: *G. americanigigas*, *G. korfii*, and *G. montana* (Miller *et al.* 2020, 2022).

BRAN ✓

NORF ✓

WATE



***Gyromitra leucoxantha* (Bres.) Harmaja** – Fishtail Cup

A saprobe on a wide variety of wood.

BRAN

NORF ✓

WATE

---

HELVELLACEAE – Elfin Saddle Family

Species of *Helvella* are probably ectomycorrhizal, but their life histories are not well studied (Wang *et al.* 2019).

**OCCURRENCE MAP  
NOT YET AVAILABLE**

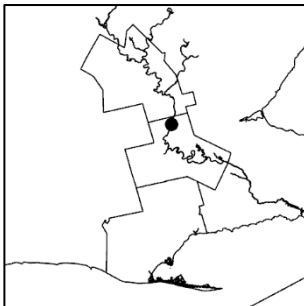
***Dissingia leucomelaena* (Pers.) K. Hansen & X.H. Wang** – Sooty Cup

The only record from the study area is a 1967 collection from Norfolk County (DAOM 136352).

BRAN

NORF ✓ (historical)

WATE



***Helvella costifera* Nannf.**

The Brant County specimen (WDV 343 at UWO) was on the ground in a mature oak-hickory forest.

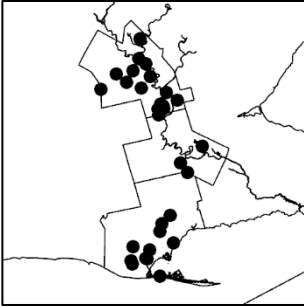
BRAN ✓

NORF

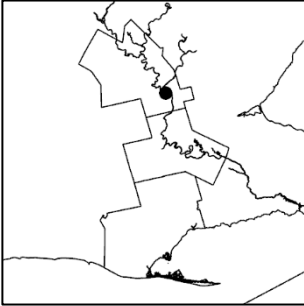
WATE

Canada N3

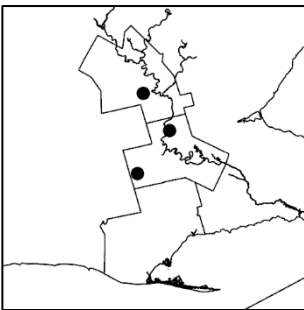
---



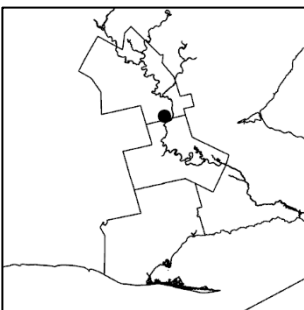
***Helvella crispa*** (Scop.) Fr. – White Elfin Saddle  
Occurs on the ground in mature forests. Common.  
BRAN ✓  
NORF ✓  
WATE ✓



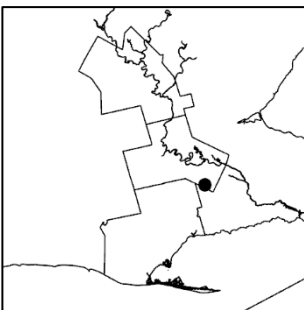
***Helvella cupuliformis*** Dissing & Nannf.  
The Waterloo Region voucher (WDV 647, UWO) was on a mossy hummock under eastern hemlock (*Tsuga canadensis*) and white cedar (*Thuja occidentalis*).  
BRAN  
NORF  
WATE ✓



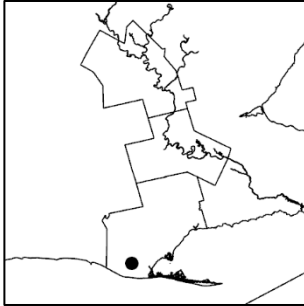
***Helvella elastica*** Bull. – Flexible Lorchel  
Occurs on the ground in mature forests.  
BRAN ✓  
NORF  
WATE ✓



***Helvella ephippium*** Lév.  
The Waterloo Region voucher (WDV 660, UWO) was on the ground in a mature pine-hardwood forest.  
BRAN  
NORF  
WATE ✓



***Helvella lactea*** Boud. – Milky Saddle  
The Brant County voucher (iNaturalist 229996748) was on moist mossy ground in a mature deciduous forest.  
BRAN ✓  
NORF  
WATE  
Canada N2N3



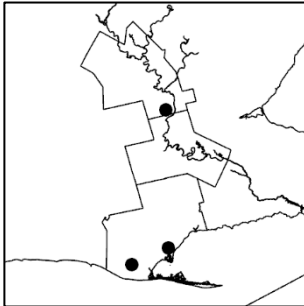
***Helvella lacunosa*** Afzel.

Recently discovered in Waterloo Region (iNaturalist 315274102). Both observations from the study area were under pines. Rare.

BRAN

NORF ✓

WATE ✓



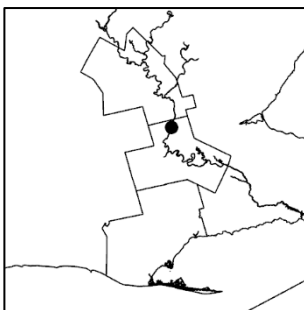
***Helvella macropus*** (Pers.) P. Karst – Long-stalked Grey Cup

All of the vouchers from the study area were growing under white pine.

BRAN

NORF ✓

WATE ✓



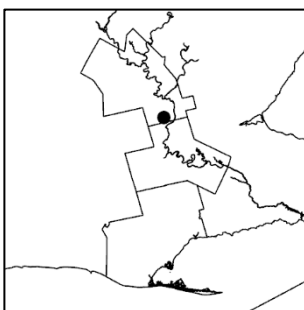
***Helvella stevensii*** Peck – Stevens' Elfin Saddle

The only voucher from the study area (WDV 341, UWO) is from a mature hardwood forest in Brant County.

BRAN ✓

NORF

WATE



***Helvella subglabra*** N.S. Weber – Glabrate Elfin Saddle

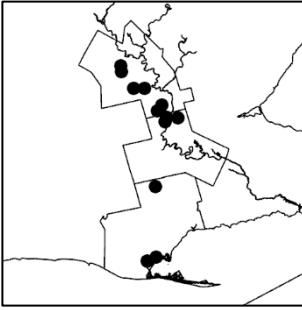
The only voucher from the study area (WDV 407, UWO) is from a mature mixed hardwood-pine forest in Waterloo Region.

BRAN

NORF

WATE ✓

MORCHELLACEAE – Morel Family



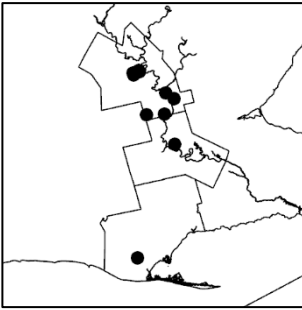
***Disciotis venosa*** (Pers.) Arnould – Veined Cup

A saprobe on all kinds of woody and herbaceous plant material. Common.

BRAN ✓

NORF ✓

WATE ✓



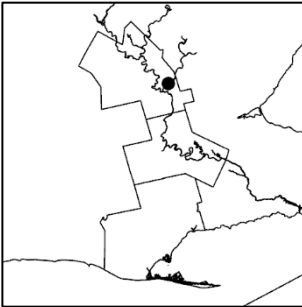
***Morchella americana s.l.*** Clowez & Matherly – American White Morel

Mycorrhizal and associated with a wide variety of trees. Treated here in the broad sense. Common.

BRAN ✓

NORF ✓

WATE ✓



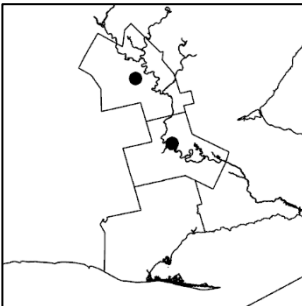
***Morchella angusticeps*** Peck – Black Morel

The only voucher from the study area (iNaturalist 47865700) is from a bottomland deciduous forest in Waterloo Region.

BRAN

NORF

WATE ✓



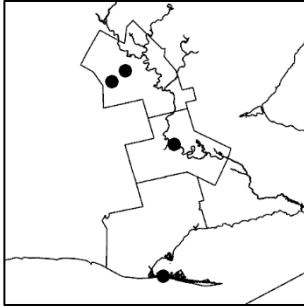
***Morchella importuna*** M. Kuo, O'Donnell & T.J. Volk – Landscaping Black Morel

Associated with landscaped areas and disturbed habitats.

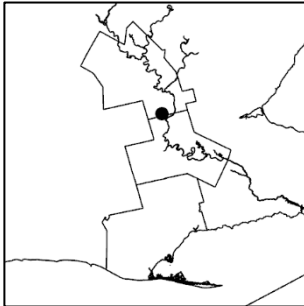
BRAN ✓

NORF

WATE ✓



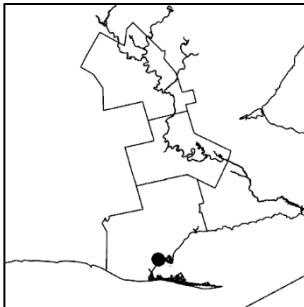
***Morchella punctipes*** Peck – Half-free Morel  
Occurs on the ground in a wide variety of forests.  
BRAN ✓  
NORF ✓  
WATE ✓



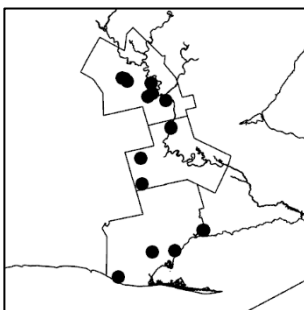
***Verpa conica*** (O.F. Müll.) Sw. – Conic Morel  
The Waterloo Region voucher (iNaturalist 160622187) was on the ground in a thicket of common buckthorn (*Rhamnus cathartica*).  
BRAN  
NORF  
WATE ✓

---

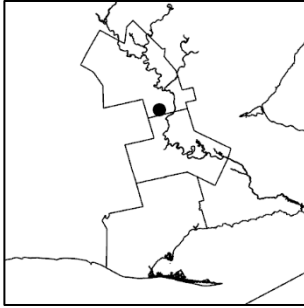
PEZIZACEAE – Cup Fungus Family



***Legaliana badia*** (Pers.) Van Vooren (= *Peziza badia* Pers.) – Bay Cup  
The only voucher from the study area is a 1939 collection from Norfolk County (TENN-F 15064).  
BRAN  
NORF ✓ (historical)  
WATE



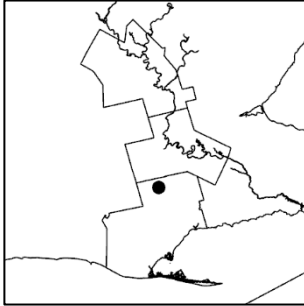
***Pachyella clypeata*** (Schwein.) Le Gal – Copper Penny Fungus  
A saprobe on all kinds of dead wood. Common.  
BRAN ✓  
NORF ✓  
WATE ✓



***Paragalactinia succosa*** (Berk.) Van Vooren – Yellowing Cup

The Waterloo Region voucher (iNaturalist 170465116) was on the ground in a mature pine-hardwood forest.

BRAN  
NORF  
WATE ✓



***Peziza griseorosea*** W.R. Gerard – Grey-Pink Cup

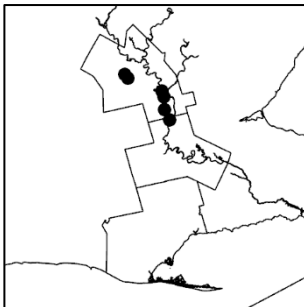
The Norfolk County voucher (WDV 479, UWO) was on sandy ground in a recently logged deciduous forest.

BRAN  
NORF ✓  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Peziza repanda*** Wahlenb.

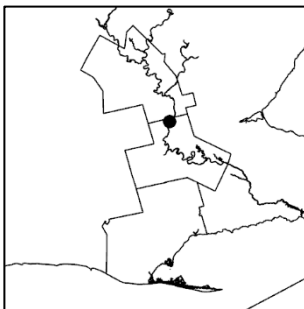
BRAN ✓ (historical)  
NORF ✓ (historical)  
WATE



***Peziza varia*** (Hedw.) Alb. & Schwein. – Layered Cup

A saprobe, found on decaying logs or on the ground where growing on buried wood. Vouchers are needed from Norfolk County.

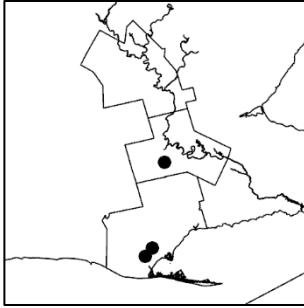
BRAN ✓  
NORF  
WATE ✓



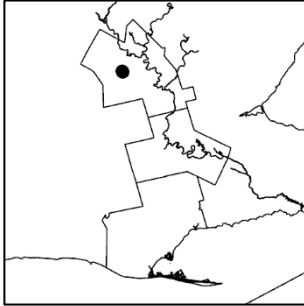
***Peziza vesiculosa*** Bull. – Blistered Cup

Saprobic; the Brant County voucher (iNaturalist 117600819) is from a compost heap.

BRAN ✓  
NORF  
WATE

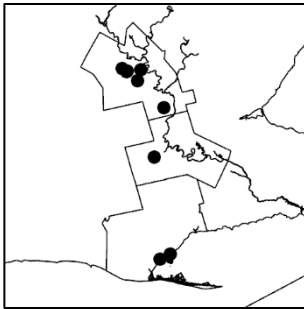


***Phylloscypha phyllogena*** (Cooke) Van Vooren (= *Peziza phyllogena* Cooke) – Common Brown Cup  
 A saprobe on decaying logs and buried wood. Vouchers are needed from Waterloo Region.  
 BRAN ✓  
 NORF ✓  
 WATE



(R) ***Sarcosphaera coronaria*** (Jacq.) J. Schröt. – Pink Crown  
 Mycorrhizal with conifers. The Waterloo Region occurrence is associated with white pine and has been observed in multiple years by independent observers.  
 Rare.  
 BRAN  
 NORF  
 WATE ✓

PYRONEMATACEAE



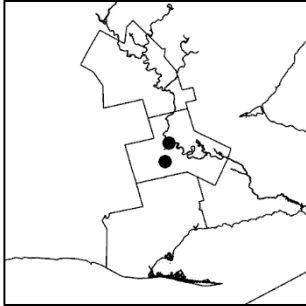
***Aleuria aurantia*** (Pers.) Fuckel – Orange Peel Fungus  
 Saprobic on a wide variety of wood and herbaceous plant material. Common.  
 BRAN ✓  
 NORF ✓  
 WATE ✓

**OCCURRENCE MAP  
 NOT YET AVAILABLE**

***Anthracobia melaloma*** (Alb. & Schwein.) Boud. – Charcoal Eyelash  
 BRAN ✓  
 NORF ✓ (historical)  
 WATE

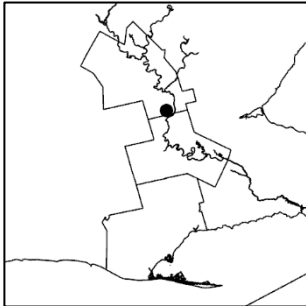


(R) ***Geopora arenicola*** (Lév.) Kers – Sand Cup  
 The Norfolk County voucher (WDV 504, UWO) is from sand dunes at Long Point. Rare.  
 BRAN  
 NORF ✓  
 WATE



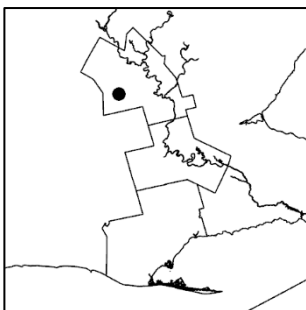
***Humaria hemisphaerica*** (F.H. Wigg.) Fuckel – Brown-haired White Cup  
Mycorrhizal with a variety of trees. Probably more common than records indicate, but vouchers are needed from Norfolk and Waterloo.

BRAN ✓  
NORF  
WATE



***Scutellinia “sp-IN01”*** S.D. Russell crypt. temp.  
The Waterloo Region voucher (WDV 661 at UWO) was growing on a decorticated log in an old pine plantation.

BRAN  
NORF  
WATE ✓



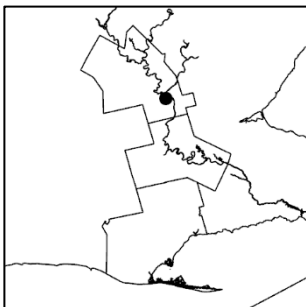
***Scutellinia “sp-IN02”*** S.D. Russell crypt. temp.  
The Waterloo Region voucher (WDV 664 at UWO) was growing on dead wood in a mixed pine-oak-hickory forest.

BRAN  
NORF  
WATE ✓

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Scutellinia erinaceus*** (Schwein.) Kuntze – Yellow Eyelash Cup

BRAN ✓ (historical)  
NORF  
WATE



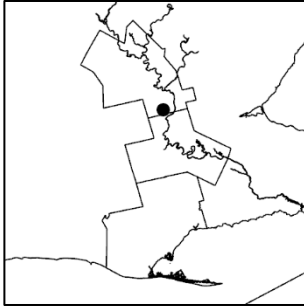
***Scutellinia kerguelensis*** (Berk.) Kuntze – Kerguelen Eyelash Cup  
The Waterloo Region voucher (WDV 626 at UWO) was on a decorticated log in mature deciduous forest.

BRAN  
NORF  
WATE ✓

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Scutellinia lusitiae*** (Cooke) Kuntze

BRAN ✓ (historical)  
NORF  
WATE



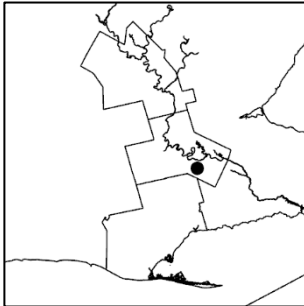
***Scutellinia pennsylvanica*** (Seaver) Denison – Pennsylvania Eyelash Cup

Saprobic on a variety of dead wood.

BRAN

NORF

WATE ✓



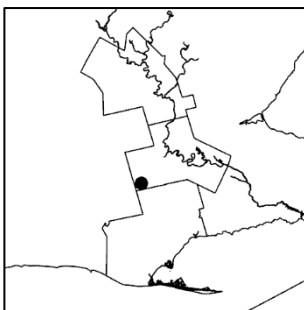
***Scutellinia scutellata*** (L.) Lambotte – Common Eyelash Cup

The only verifiable voucher (WDV 601, UWO) is from a mature deciduous forest in Brant County. This is a difficult genus requiring careful microscopy to identify species, so observations of *S. scutellata* which lack microscopy have been excluded here.

BRAN ✓

NORF

WATE



***Scutellinia setosa*** (Nees) Seaver – Yellow Eyelash Cup

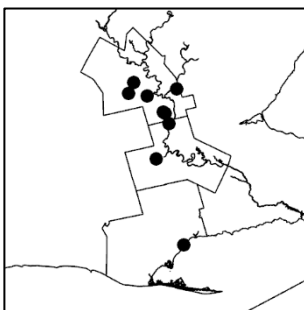
The only voucher from the study area is a 1938 collection from “rotting logs” in Brant County (MSC 235745). No recent observations.

BRAN ✓ (historical)

NORF

WATE

PYROPIXIDACEAE



***Jafnea semitosta*** (Berk. & M.A. Curtis) Korf – Lightly Toasted Cup

A saprobe on a wide variety of woody material.

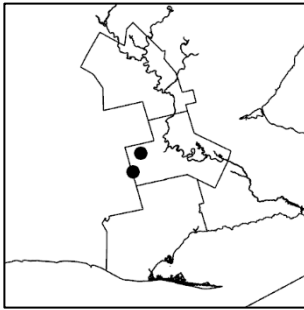
BRAN ✓

NORF ✓

WATE ✓

Canada N1

RHIZINACEAE



***Psilopezia orbicularia*** (Peck) Dodge

Saprobic. There are two historical vouchers from Brant County but no recent observations.

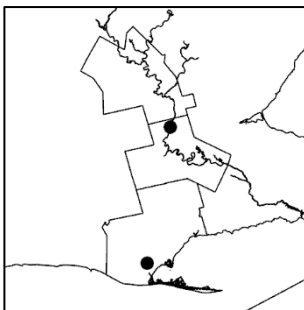
BRAN ✓ (historical)

NORF

WATE

---

SARCOSCYPHACEAE – Elf Cup Family



(R) ***Microstoma floccosum*** (Sacc.) Raitv. – Pink Fringed Fairy Cup

Saprobic on a variety of dead wood. Rare.

BRAN ✓

NORF ✓

WATE

Canada N2N3



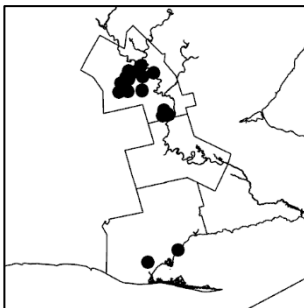
***Pithya cupressina*** (Batsch) Fuckel – Juniper Disco

Occurs on dead leaves and branches of junipers (*Juniperus*). The Waterloo Region voucher (iNaturalist 65558945) is from a cultivated juniper.

BRAN

NORF

WATE ✓



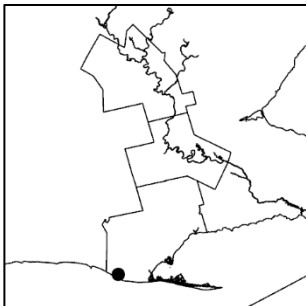
***Sarcoseypha austriaca*** (Beck ex Sacc.) Boud. – Scarlet Elf Cup

A saprobe on a variety of deadwood, sometimes appearing on the ground where growing from buried wood. Common, but vouchers are needed from Brant County, and some records might be misidentifications of the very similar *S. dudleyi*.

BRAN

NORF ✓

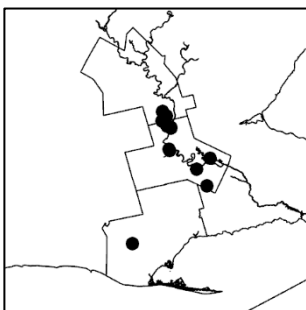
WATE ✓



***Sarcoseypha dudleyi*** (Peck) Baral – Dudley’s Elf Cup

The only verifiable voucher (WDV 536, UWO) is from Norfolk County, but some observations of *S. austriaca* might be misidentifications of this species and it may be more widespread.

- BRAN
- NORF ✓
- WATE

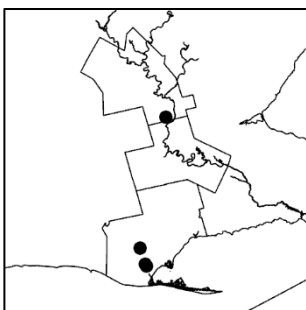


***Sarcoseypha occidentalis*** (Schwein.) Sacc. – Stalked Scarlet Cup

A saprobe on all kinds of dead wood. Common.

- BRAN ✓
- NORF ✓
- WATE ✓
- Canada N3

SARCOSOMATACEAE – Witch’s Cauldron Family



(R) ***Galiella rufa*** (Schwein.) Nannf. & Korf – Hairy Rubber Cup

A saprobe on hardwoods, occasionally on exposed roots of living trees. Rare.

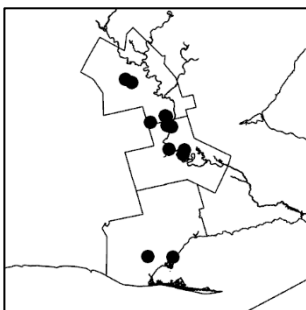
- BRAN
- NORF ✓
- WATE ✓

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Sarcosoma globosum*** (Schmidel) Casp. – Witch’s Cauldron

A saprobe strongly associated with spruce forests. The only record for the study area is a 1963 collection from St. Williams in Norfolk County (DAOM 739909).

- BRAN
- NORF ✓ (historical)
- WATE
- Ontario S3

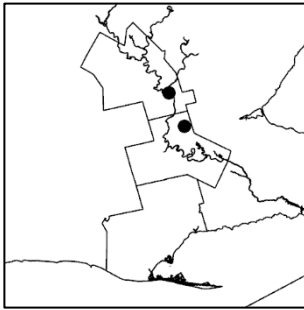


***Urnula craterium*** (Schwein.) Fr. – Devil’s Urn

The teleomorph (sexually reproductive life phase which produces large fruiting bodies) is saprobic on hardwoods. The anamorph is a parasite of hardwood trees, particularly oaks. Common.

- BRAN ✓
- NORF ✓
- WATE ✓

TARZETTACEAE – Toothed Cup Family



*Tarzetta cupularis* (L.) Lambotte – Toothed Cup

Occurs on the ground in mature forests. Probably more common than records indicate.

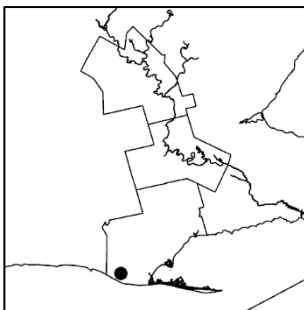
BRAN ✓

NORF

WATE ✓

---

WYNNEACEAE – Moose Antler Family



(R) *Wynnea americana* Thaxt. – Moose Antlers

The only voucher from the study area is a 2014 observation from Norfolk County where it has not been observed since despite targeted searches. Rare.

BRAN

NORF ✓

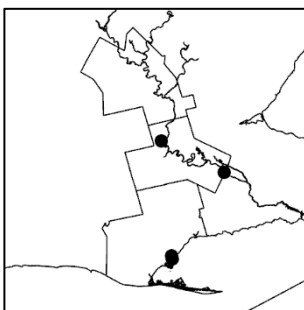
WATE

---

**SORDARIOMYCETES**

**Boliniales**

BOLINIACEAE



(R) *Camarops petersii* (Berk. & M.A. Curtis) Nannf. – Dog's Nose Fungus

A saprobe on dead and dying hardwood trees. Rare.

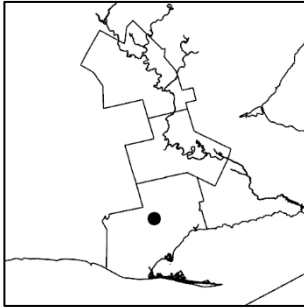
BRAN ✓

NORF ✓

WATE

## Hypocreales

### OPHIOCORDYCIPTACEAE



(R) *Tolypocladium album* (W. Gams) C.A. Quandt, Kepler & Spatafora – White Truffleclub

A parasite on buried truffle-like fungi in the genus *Elaphomyces*. The only verifiable vouchers from the study area are three ITS sequences isolated from soil collected in Norfolk County. Rare.

BRAN  
NORF ✓  
WATE

---

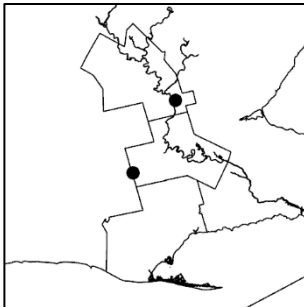
## Xylarialesb – Dead Man’s Fingers and Allies

### DIATRYPACEAE – Tarcrust Family

**OCCURRENCE MAP  
NOT YET AVAILABLE**

*Anthostoma gastrinum* (Fr.) Sacc.

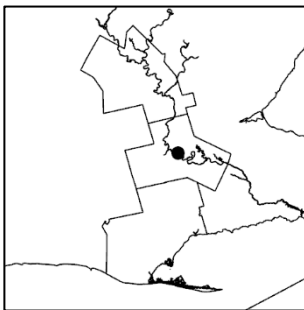
BRAN ✓ (historical)  
NORF  
WATE



*Diatrype albopruinosa* (Schwein.) Cooke

There are four historical vouchers from Brant and Waterloo, but this species has not been observed in the study area since 1943.

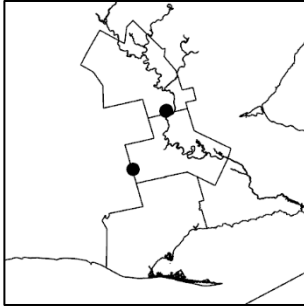
BRAN ✓ (historical)  
NORF  
WATE ✓ (historical)



*Diatrype stigma* (Hoffm.) Fr. – Common Tarcrust

The only voucher from the study area is a 1932 collection from Brant County (TRTC 4438).

BRAN ✓ (historical)  
NORF  
WATE



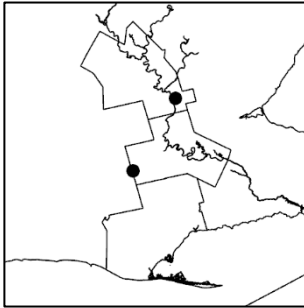
***Diatrype virescens*** (Schwein.) Cooke – Kiwi Bubbles

A unique and easily identifiable saprobe on dead branches of American beech (*Fagus grandifolia*). Vouchers are needed from Norfolk County.

BRAN ✓

NORF

WATE ✓



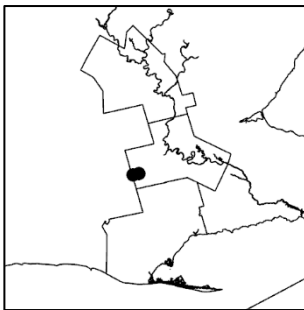
***Diatrypella favacea*** (Fr.) Ces. & De Not. – Birch Blackhead

There are five historical vouchers from Brant and Waterloo, but this species has not been observed in the study area since 1943.

BRAN ✓ (historical)

NORF

WATE ✓ (historical)



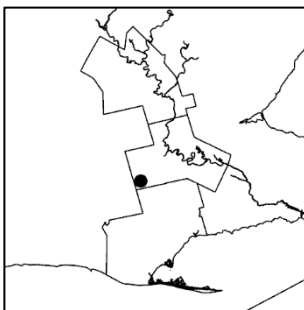
***Diatrypella frostii*** Peck – Frost's Blackhead

There are 12 historical collections from Brant County, but this species has not been observed in the study area since 1937.

BRAN ✓ (historical)

NORF

WATE



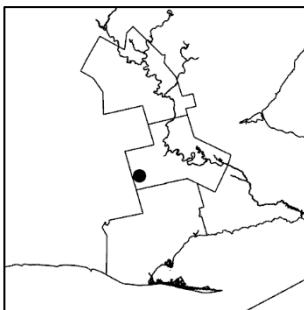
***Diatrypella prunicola*** Ellis & Everh.

The only voucher from the study area is a 1938 collection from Brant County (TRTC 12952).

BRAN ✓ (historical)

NORF

WATE



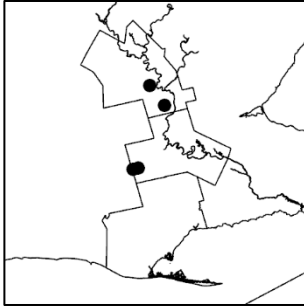
***Eutypa flavovirens*** (Pers.) Tul. & C. Tul. – Yellow-green Tarcrust

The only voucher from the study area is a 1937 collection from Brant County (UC 605074).

BRAN ✓ (historical)

NORF

WATE



***Eutypa spinosa*** (Pers.) Tul. & C. Tul. – Spiral Tarcrust

A saprobe forming a crust on decorticated logs. Vouchers are needed from Norfolk County.

BRAN ✓

NORF

WATE ✓

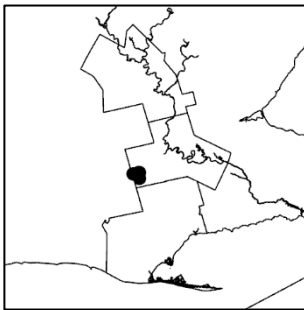
**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Eutypella angulosa*** (Nitschke) Sacc.

BRAN ✓ (historical)

NORF

WATE



***Eutypella cerviculata*** (Fr.) Sacc.

There are six historical collections from Brant County, but this species has not been observed in the study area since 1938.

BRAN ✓ (historical)

NORF

WATE

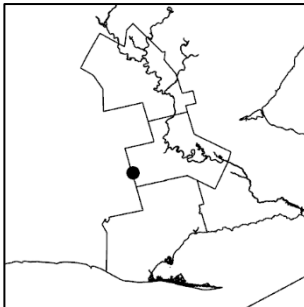
**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Eutypella grandis*** (Nitschke) Sacc.

BRAN ✓ (historical)

NORF

WATE



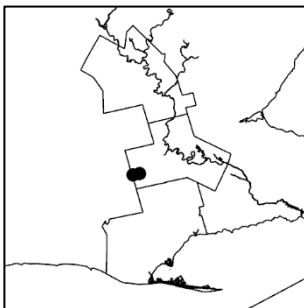
***Eutypella quaternata*** (Pers.) Rappaz (= *Quaternaria quaternata* (Pers.) J. Schröt.)

The only voucher from the study area is a 1932 collection from Brant County (NY 3385204).

BRAN ✓ (historical)

NORF

WATE



***Peroneutypa scoparia*** (Schwein.) Carmarán & A.I. Romero

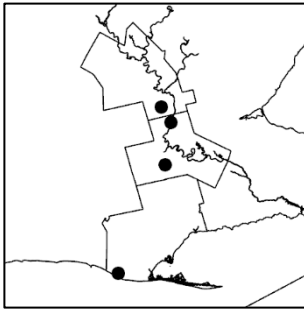
There are two historical collections from Brant County, but this species has not been observed in the study area since 1933.

BRAN ✓ (historical)

NORF

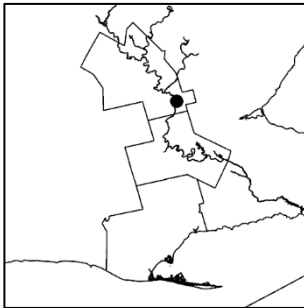
WATE

GRAPHOSTROMATACEAE



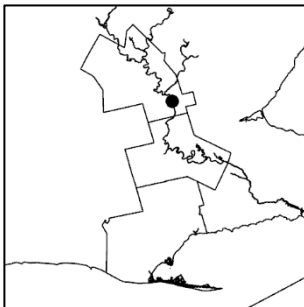
***Biscogniauxia atropunctata*** (Schwein.) Pouzar – Hypoxylon Canker  
Parasitic on hardwoods, especially oak (*Quercus*). Seen throughout the study area with some regularity in the winter of 2024-2025, despite the only prior record being a 1954 collection from Brant County by R.F. Cain. Given that this species is macroscopically identifiable, this could indicate that it has recently increased in abundance in the study area.

BRAN ✓  
NORF ✓  
WATE ✓



***Biscogniauxia discincola*** (Schwein.) Lar.N. Vassiljeva  
The only voucher from the study area is a 1943 collection from Galt in Waterloo Region (DAOM 739934).

BRAN  
NORF  
WATE ✓ (historical)

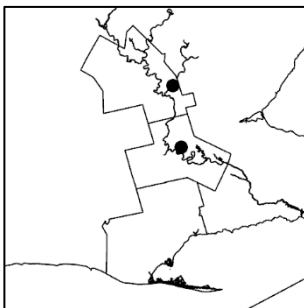


***Biscogniauxia mediterranea*** (De Not.) Kuntze  
A saprobe forming a crust on decorticated hardwood logs. The only voucher from the study area was on a decorticated beech log in Waterloo Region (WDV 556, UWO).

BRAN  
NORF  
WATE ✓

---

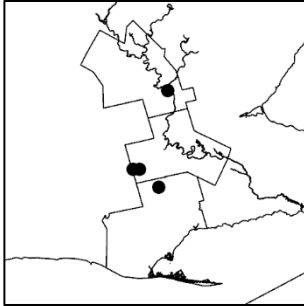
HYPOXYLACEAE



***Daldinia childiae* group**  
Saprobic on hardwoods.

BRAN ✓  
NORF  
WATE ✓

---



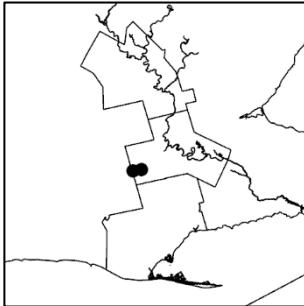
***Daldinia concentrica* group** – King Alfred’s Cakes

Saprobic on hardwoods.

BRAN ✓

NORF ✓

WATE ✓



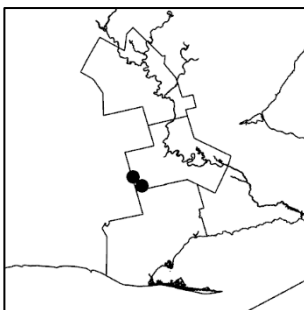
***Daldinia vernicosa* group**

Saprobic on hardwoods. There are two historical collections from Brant County, but no recent observations of species in this group.

BRAN ✓ (historical)

NORF

WATE



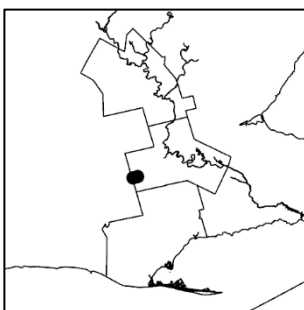
***Hypomontagnella monticulosa*** (Mont.) Sir, L. Wendt & C. Lamb.

There are four historical collections from Brant County, but this species has not been observed in the study area since 1931.

BRAN ✓ (historical)

NORF

WATE



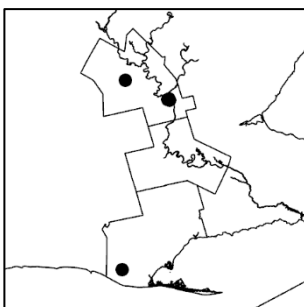
***Hypoxylon crocopeplum*** Berk. & M.A. Curtis – Orange Woodwart

There are two historical vouchers from Brant County, but this species has not been observed in the study area since 1937.

BRAN ✓ (historical)

NORF

WATE



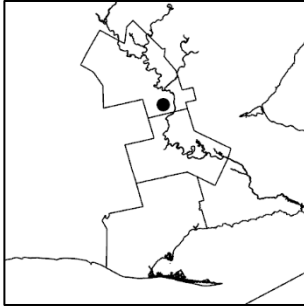
***Hypoxylon fragiforme*** (Pers.) J. Kickx. f. – Beech Woodwart

Saprobic, usually on beech but also on other hardwoods. Vouchers are needed from Brant County.

BRAN

NORF ✓

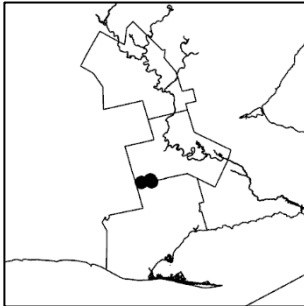
WATE ✓



***Hypoxylon fuscopurpureum*** (Schwein.) M.A. Curtis

The Waterloo Region voucher (iNaturalist 256915450) was on a decorticated hardwood log. Very similar to *H. rubiginosum*.

BRAN  
NORF  
WATE ✓



***Hypoxylon howeanum*** Peck – Howe’s Woodward

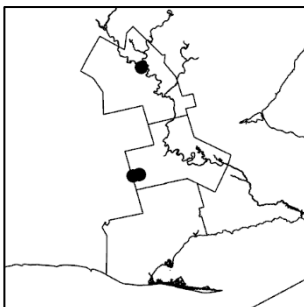
There are four historical vouchers from Brant and Norfolk, but this species has not been observed in the study area since 1951.

BRAN ✓ (historical)  
NORF ✓ (historical)  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Hypoxylon investiens*** (Schwein.) M.A. Curtis

BRAN ✓ (historical)  
NORF  
WATE



***Hypoxylon rubiginosum*** (Pers.) Fr. – Rusty Woodward

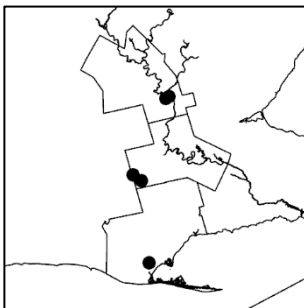
A saprobe forming a crust on decorticated hardwood logs. Vouchers are needed from Norfolk County.

BRAN ✓  
NORF  
WATE ✓

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Hypoxylon ustulatum*** Bull.

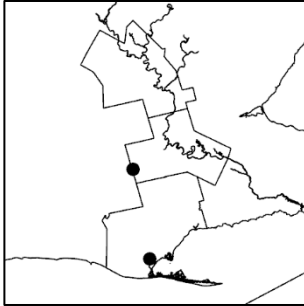
BRAN ✓ (historical)  
NORF  
WATE



***Jackrogersella cohaerens*** (Pers.) Fre. – Beechwood Woodward

A saprobe on dead beech wood.

BRAN ✓  
NORF ✓  
WATE ✓



***Jackrogersella multiformis*** (Fr.) L. Wendt, Kuhnert & M. Stadler – Birch Woodwart

A saprobe on dead wood of trees in the birch family (Betulaceae). Vouchers are needed from Waterloo Region.

BRAN ✓

NORF ✓

WATE

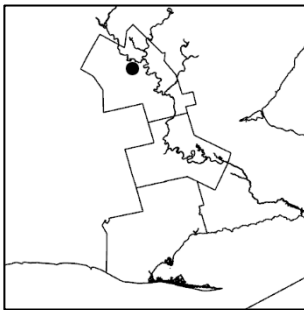
**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Nemania serpens*** (Pers.) Gray

BRAN ✓ (historical)

NORF

WATE



(R) ***Thuemenella cubispora*** (Ellis & Holw.) Boedijn – Yellow Woodwart

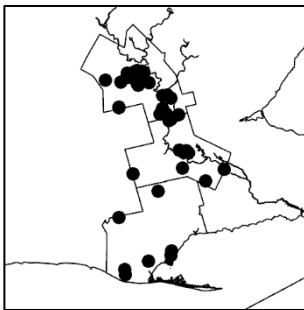
The only voucher from the study area is a 2023 observation from Waterloo Region (iNaturalist 152665926). Rare.

BRAN

NORF

WATE ✓

**XYLARIACEAE**



***Kretzschmaria deusta*** (Hoffm.) P.M.D. Martin – Brittle Cinder

A saprobe forming a crust on decorticated hardwood logs and stumps. Common.

BRAN ✓

NORF ✓

WATE ✓

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Rosellinia aquila*** (Fr.) Ces. & De Not.

BRAN ✓ (historical)

NORF

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

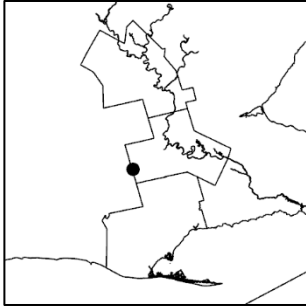
***Rosellinia subiculata*** (Schwein.) Sacc.

Occurs on dead, often very weathered, wood of all types. Common.

BRAN ✓

NORF ✓

WATE ✓



***Xylaria castorea*** Berk. – Beaver Tail

The only record for the study area is a 1937 collection from Brant County (TENN 11683).

BRAN ✓ (historical)

NORF

WATE

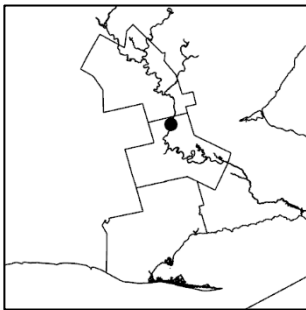
**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Xylaria cornu-damae*** (Schwein.) Berk.

BRAN ✓ (historical)

NORF

WATE



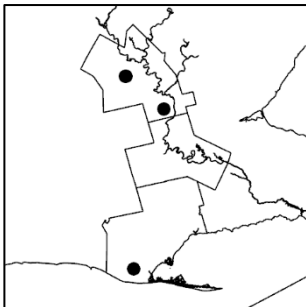
***Xylaria filiformis*** (Alb. & Schwein.) Fr.

The Brant County voucher (iNaturalist 175419391) was growing on hardwood leaves.

BRAN ✓

NORF

WATE



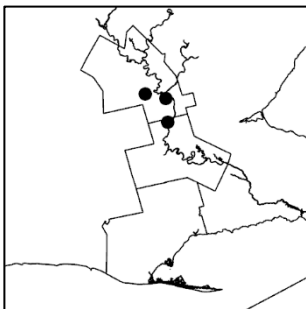
***Xylaria hypoxylon*** (L.) Grev. – Candlesnuff Fungus

A saprobe on various kinds of dead wood. Vouchers are needed from Brant County.

BRAN

NORF ✓

WATE ✓



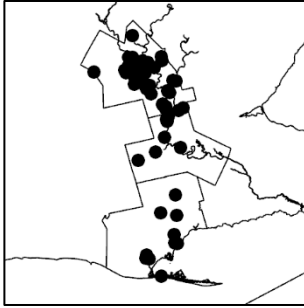
***Xylaria longipes*** Nitschke – Dead Moll's Fingers

A saprobe on various kinds of dead wood. Vouchers are needed from Norfolk County.

BRAN ✓

NORF

WATE ✓



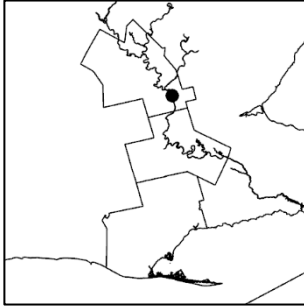
***Xylaria polymorpha*** (Pers.) Grev. – Dead Man’s Fingers

A saprobe on all kinds of dead wood, often appearing on the ground where growing from buried wood. Common.

BRAN ✓

NORF ✓

WATE ✓



(R) ***Xylaria tentaculata*** Ravenel ex Berk. – Fairy Sparklers

The only voucher from the study area is a 2021 observation from Waterloo Region (91791935). Rare.

BRAN

NORF

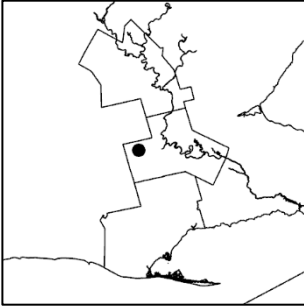
WATE ✓

Canada N2

## BASIDIOMYCOTA – Basidiomycete Fungi

### AGARICOMYCETES – Mushroom Fungi and Allies

#### *Incertae sedis* – uncertain placement



***Intextomyces contiguus*** (P. Karst.) J. Erikss. & Ryvar den

The only voucher from the study area is a 1937 collection from Brant County (TENN-F 11670).

BRAN ✓ (historical)

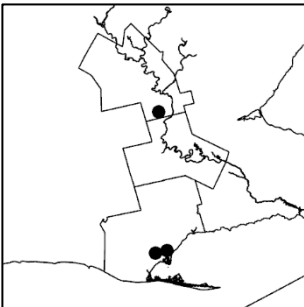
NORF

WATE

---

### Agaricales – Common Mushroom Fungi

#### *Incertae sedis* – uncertain placement



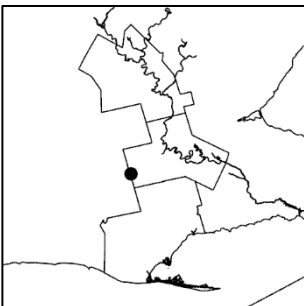
***Hertzogia martiorum*** (J. Favre) R. Wiest

Saprobic on conifer needles and woody debris. All of the vouchers from the study area are associated with white pine. Vouchers are needed from Brant County.

BRAN

NORF ✓

WATE ✓



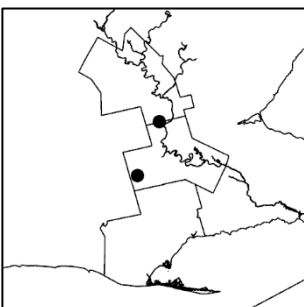
***Resupinatus applicatus*** (Batsch) Gray – Smokey Oysterling

The only voucher from the study area is a 1963 collection from Brant County (BPI 758455).

BRAN ✓ (historical)

NORF

WATE



***Resupinatus poriaeformis*** (Pers.) Thorn, Moncalvo & Redhead

Saprobic on hardwoods.

BRAN ✓ (historical)

NORF

WATE ✓

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Resupinatus trichotis* (Pers.) Singer**

BRAN ✓ (historical)

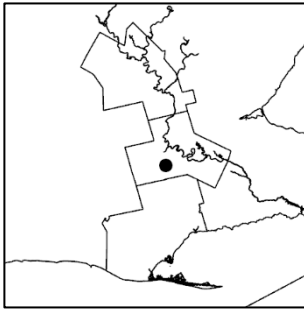
NORF

WATE

---

**AGARICACEAE – Agaric Family**

The puffballs (including *Bovista*, *Calvatia*, *Lycoperdon*, and related genera) are included here based on recent phylogenetic work (Kooij *et al.* 2024).



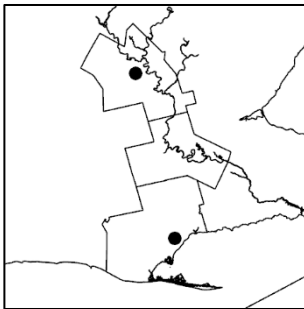
***Agaricus abruptibulbus* Peck – Bulbous Agaric**

The only voucher from the study area is a 1943 collection from Brant County (TRTC 20706).

BRAN ✓ (historical)

NORF

WATE



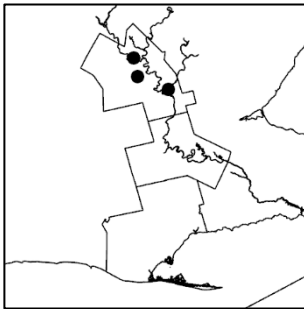
***Agaricus arvensis* Schaeff. – Horse Mushroom**

Saprobic; occurs on the ground in disturbed areas.

BRAN

NORF ✓

WATE ✓



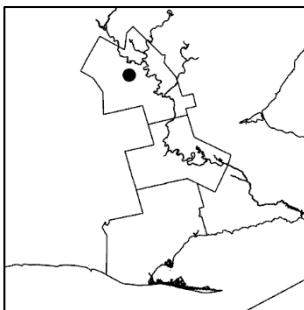
***Agaricus bitorquis* (Qué.) Sacc. – Pavement Mushroom**

Saprobic; occurs in disturbed areas and noted for its ability to break through pavement. All vouchers from the study area are from urbanized parts of Waterloo Region.

BRAN

NORF

WATE ✓



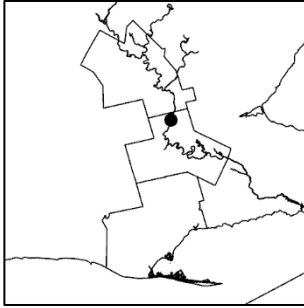
***Agaricus campestris* L. – Meadow Mushroom**

The only voucher from the study area is a 2022 observation from Waterloo Region (iNaturalist 138755140).

BRAN

NORF

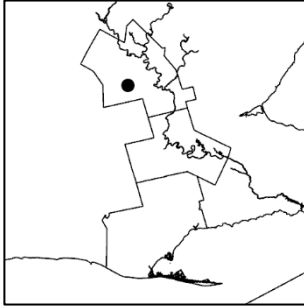
WATE ✓



***Agaricus leptocaulis*** Kerrigan – Thin-stalked Inky Mushroom

The Brant County voucher (WDV 331, UWO) is from a mature oak-hickory forest. Very similar to *A. placomyces* and possibly overlooked in the study area due to confusion with that species.

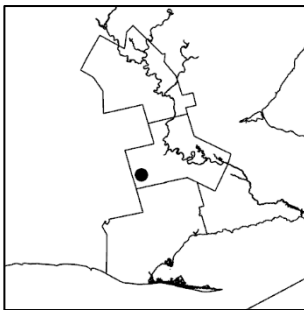
- BRAN ✓
- NORF
- WATE



***Agaricus nanaugustus*** Kerrigan – Little Prince

The only voucher from the study area is a 2018 observation from Waterloo Region (iNaturalist 15150667).

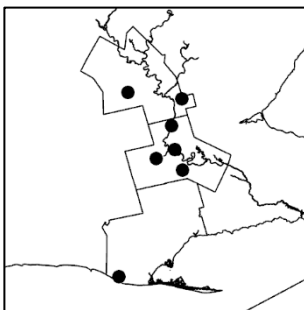
- BRAN
- NORF
- WATE ✓
- Canada N1



***Agaricus pampeanus*** Speg.

The only voucher from the study area is a 1942 collection from Brant County (TRTC 18274).

- BRAN ✓
- NORF
- WATE



***Agaricus placomyces*** Peck – Inky Mushroom

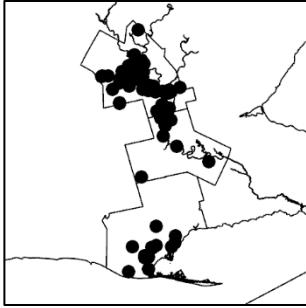
Saprobic; occurs on the ground in forests but also open habitats. Similar to *A. leptocaulis*.

- BRAN ✓
- NORF ✓
- WATE ✓

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Agaricus sylvaticus*** Schaeff. – Blushing Wood Mushroom

- BRAN ✓ (historical)
- NORF
- WATE



***Apioperdon pyriforme*** (Schaeff.) Vizzini – Pear-shaped Puffball

A saprobe on all kinds of wood. Common.

BRAN ✓

NORF ✓

WATE ✓



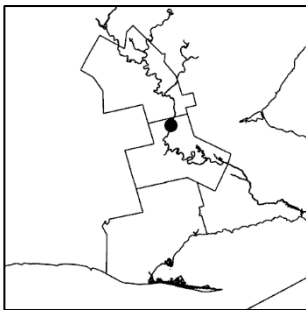
***Bovista minor*** Morgan – Little Puffball

The only record for the study area is a 1968 collection from Norfolk County (TRTC 160055).

BRAN

NORF ✓

WATE

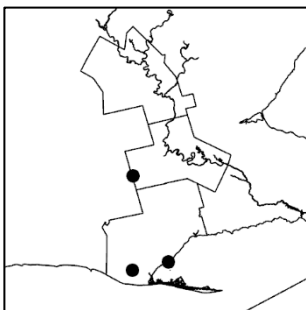


***Bovista pila*** Berk. & M.A. Curtis – Tumbling Puffball

BRAN ✓

NORF

WATE



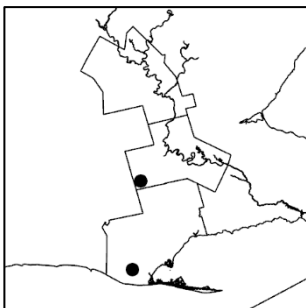
***Bovista plumbea*** Pers. – Lead-grey Puffball

One recent record from Norfolk County (UWO MP5, MO 215731); not documented in Brant County since 1943 (TRTC 23454).

BRAN ✓ (historical)

NORF ✓

WATE

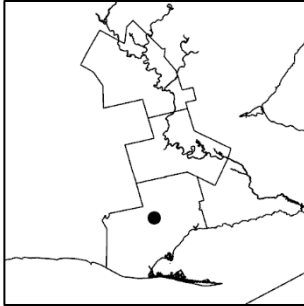


***Bovista pusilla*** (Batsch) Pers. – Least Puffball

BRAN ✓

NORF ✓

WATE ✓



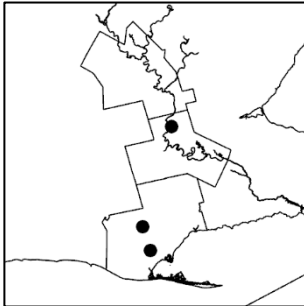
***Bovistella utriformis*** (Bull.) Demoulin & Rebriev.

The only records for the study area are three DNA sequences obtained from soil samples collected in Norfolk County in 2017.

BRAN

NORF ✓

WATE



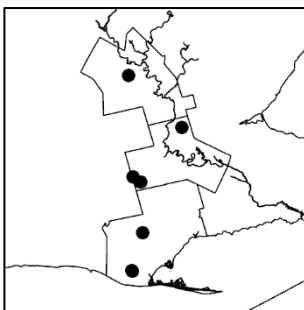
(R) ***Calvatia craniiformis*** (Schwein.) Fr. – Brain Puffball

One recent observation from Norfolk County (iNaturalist 259813886). All other records are historical. Rare.

BRAN ✓ (historical)

NORF ✓

WATE



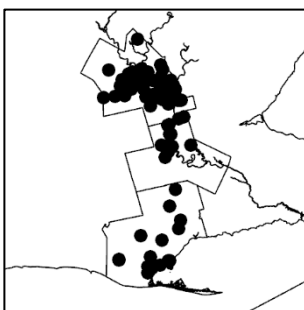
***Calvatia cyathiformis*** (Bosc) Morgan – Purple-spored Puffball

Saprobic; occurs in a wide variety of open and forested habitats.

BRAN ✓

NORF ✓

WATE ✓



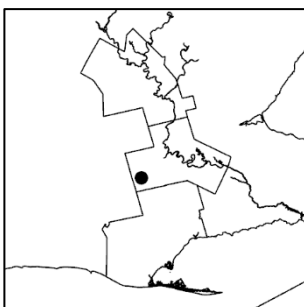
***Calvatia gigantea*** (Batsch) Lloyd – Giant Puffball

Saprobic; occurs in all kinds of open and forested habitats. Common.

BRAN ✓

NORF ✓

WATE ✓



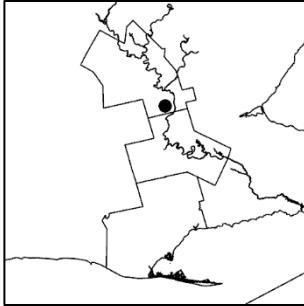
***Calvatia maxima*** (Schaeff.) Morgan

The only record for the study area is a 1943 collection from Brant County (TRTC 20826).

BRAN ✓

NORF

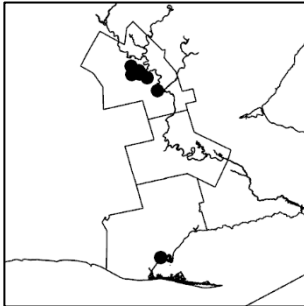
WATE



***Chlorophyllum olivieri*** (Barla) Vellinga – Olive Shaggy Parasol

The Waterloo Region voucher (WDV 400, UWO) was collected from the ground in a mature white pine plantation.

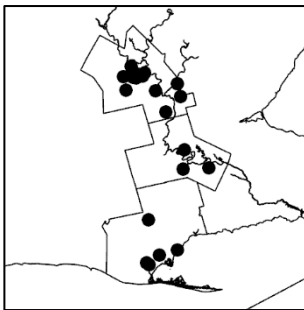
BRAN  
NORF  
WATE ✓



***Leucoagaricus americanus*** (Peck) Vellinga – American Reddening Dapperling

Saprobic; occurs on mulch, in lawns, and forests. Vouchers are needed from Brant County.

BRAN  
NORF ✓  
WATE ✓



***Leucoagaricus leucothites*** (Vittad.) Wasser – White Dapperling

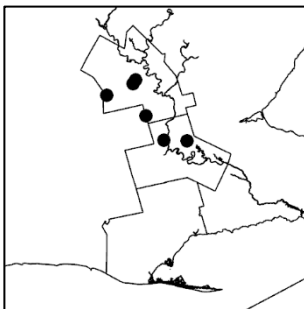
Saprobic; a common mushroom in lawns, but also occurs on mulch, in forests, etc. Common.

BRAN ✓  
NORF ✓  
WATE ✓

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Leucoagaricus rubrotinctus*** (Peck) Singer – Ruby Dapperling

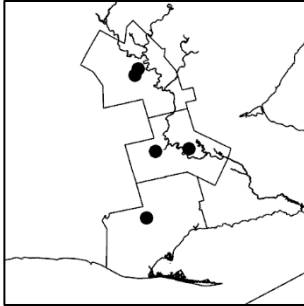
BRAN ✓ (historical)  
NORF  
WATE



***Leucocoprinus birnbaumii*** (Corda) Singer – Flowerpot Parasol

Characteristically occurs in flowerpots with indoor cultivated plants. Restricted to human habitations in the study area and not known to occur in natural habitats.

BRAN ✓  
NORF ✓  
WATE ✓



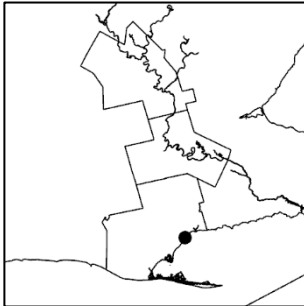
***Leucocoprinus cepistipes*** (Sowerby) Pat. – Onion Stalk Parasol

Saprobic; occurs on mulch and in lawns in the study area.

BRAN ✓

NORF ✓

WATE ✓



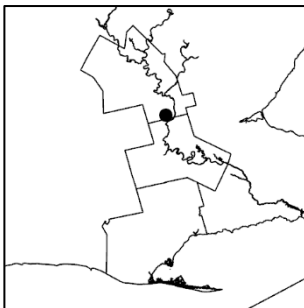
***Leucocoprinus cretaceus*** (Bull.) Locq. – Encrusted Parasol

The only voucher from the study area is a 2023 observation from Norfolk County (iNaturalist 180171185).

BRAN

NORF ✓

WATE



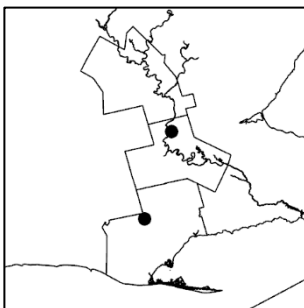
(R) ***Lycoperdon americanum*** Demoulin – American Puffball

The only record for the study area is a 2021 observation from Waterloo Region (iNaturalist 97046521). Rare, but possibly overlooked due to its similarity to other species of *Lycoperdon*.

BRAN

NORF

WATE ✓



***Lycoperdon atropurpureum*** Vittad. – Purple Puffball

Saprobic; both vouchers from the study area were on rotten stumps.

BRAN ✓

NORF ✓

WATE

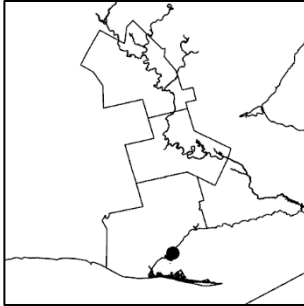
**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Lycoperdon candidum*** (Rostk.) Bonord. ex Sacc.

BRAN ✓ (historical)

NORF

WATE



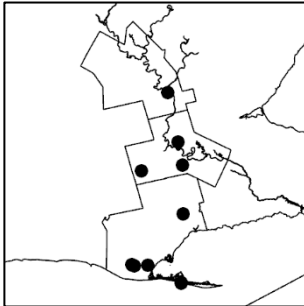
***Lycoperdon caudatum*** J. Schröt.

The only record for the study area is a 1931 collection from Turkey Point (TRTC 19567).

BRAN ✓ (historical)

NORF

WATE



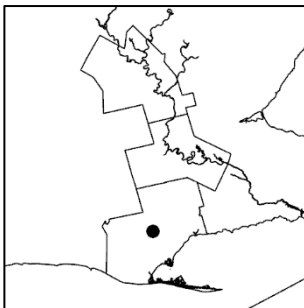
***Lycoperdon curtisii*** Berk. – Curtis's Puffball

Saprobic; most frequently found in sandy, open habitats.

BRAN ✓

NORF ✓

WATE ✓



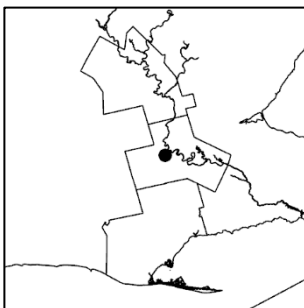
(R) ***Lycoperdon excipuliforme*** (Scop.) Pers. – Pestle Puffball

The Norfolk County voucher (WDV 489, BOLD CCDB-42548-D12) was growing on the ground in a sand barren. Rare, but possibly overlooked due to confusion with *L. perlatum*.

BRAN

NORF ✓

WATE



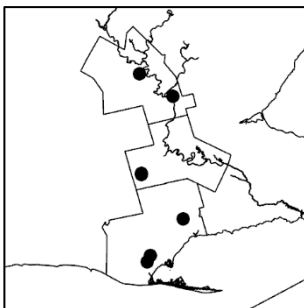
(R) ***Lycoperdon flavotinctum*** Bowerman – Yellow Puffball

The only record for the study area is a 2020 observation from Brant County (iNaturalist 59653401). Rare.

BRAN ✓

NORF

WATE



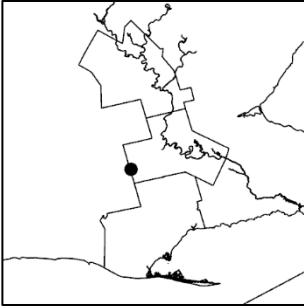
***Lycoperdon marginatum*** Vittad. – Peeling Puffball

Saprobic; usually terricolous but sometimes on rotting wood.

BRAN ✓

NORF ✓

WATE ✓



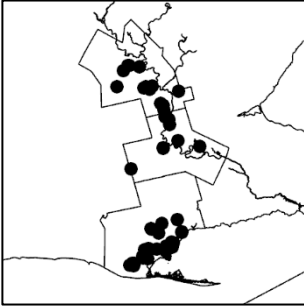
***Lycoperdon muscorum*** Morgan – Fly Puffball

The only record for the study area is a 1932 collection from Brant County (NCU 14795).

BRAN ✓ (historical)

NORF

WATE



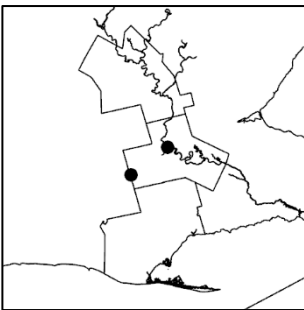
***Lycoperdon perlatum*** Pers. – Common Puffball

Saprobic; occurs on rotten wood (sometimes appearing terrestrial on extremely decayed stumps). Common.

BRAN ✓

NORF ✓

WATE ✓



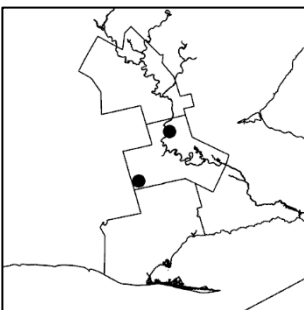
(R) ***Lycoperdon subincarnatum*** Peck. – Reddish-scaled Puffball

Saprobic; occurs on rotten logs and stumps. Rare.

BRAN ✓

NORF

WATE



***Lycoperdon umbrinum*** Pers. – Umber Puffball

Four specimens from Brant County are at TRTC, but this species has not been documented in the study area since 1956. Possibly overlooked due to confusion with other species of *Lycoperdon*.

BRAN ✓ (historical)

NORF

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

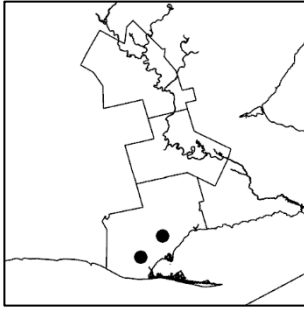
***Mycenastrum corium*** (Scop.) Singer – Corkstar Puffball

BRAN ✓ (historical)

NORF

WATE

AMANITACEAE – Amanita Family



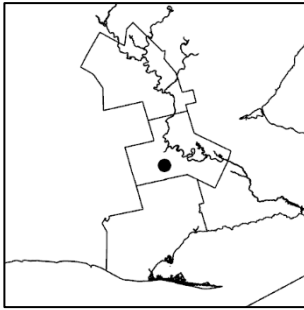
*Amanita "longicuneus"* Tulloss, *nom. prov.*

The only vouchers from the study area are four ITS sequences isolated from soil collected in Norfolk County in 2014.

BRAN

NORF ✓

WATE



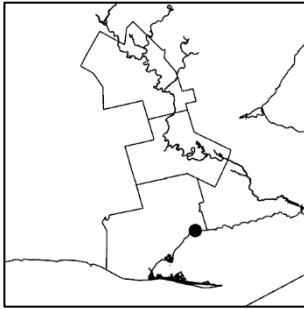
*Amanita abrupta* Peck – American Abrupt-bulbed Amanita

The Brant County voucher (WDV 446, UWO) was collected from a moist hemlock-birch forest.

BRAN ✓

NORF

WATE



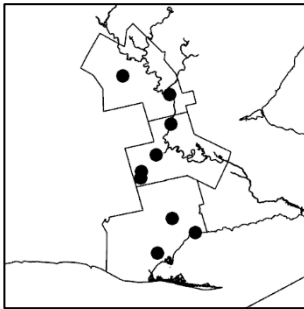
*Amanita albocreata* (G.F. Atk.) E.-J. Gilbert – Ringless Panther

The only voucher from the study area is an ITS sequence isolated from soil collected in Norfolk County in 2014 (RET 547-7).

BRAN

NORF ✓

WATE



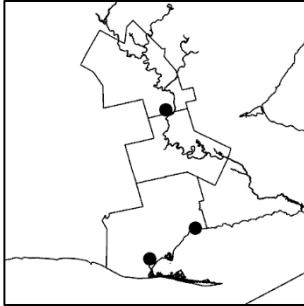
*Amanita bisporigera* G.F. Atk. – Eastern American Destroying Angel

Mycorrhizal with hardwood trees. Common.

BRAN ✓

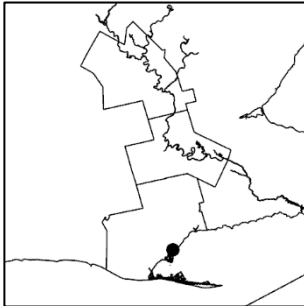
NORF ✓

WATE ✓



***Amanita brunnescens*** G.F. Atk. – Brown American Star-footed Amanita  
Mycorrhizal with hardwood trees. Vouchers are needed from Brant County.

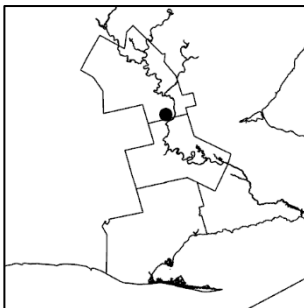
BRAN  
NORF ✓  
WATE ✓



***Amanita citrina*** Pers. – False Death Cap

The only voucher from the study area is a 1984 collection from Norfolk County (TRTC 151428).

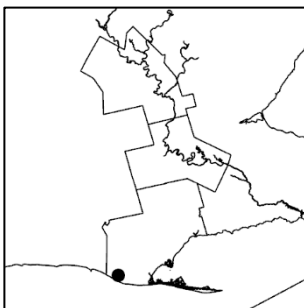
BRAN  
NORF ✓ (historical)  
WATE



***Amanita confundens*** H. Lambert, Y. Lamoureux & J. Landry

The Waterloo Region voucher (WDV 645 at UWO) was growing on mesic sandy soil under beech, oak, and maple.

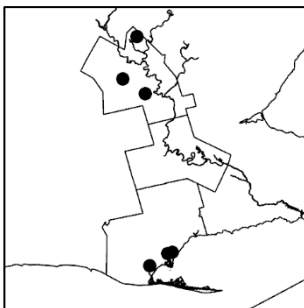
BRAN  
NORF  
WATE ✓



***Amanita crocea*** (Quél.) Singer – Orange Grisette

The Norfolk County voucher (iNaturalist 235988127) was on the ground in a sandy forested ravine.

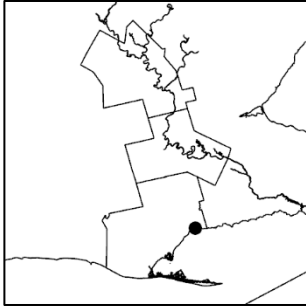
BRAN  
NORF ✓  
WATE



***Amanita flavoconia*** G.F. Atk. – Yellow Patches

Mycorrhizal with hardwoods. Vouchers are needed from Brant County.

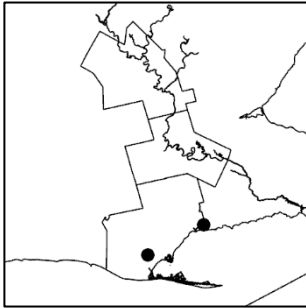
BRAN  
NORF ✓  
WATE ✓



***Amanita frostiana*** (Peck) Sacc. – Frost’s Amanita

The only vouchers from the study area are two ITS sequences isolated from soil collected in Norfolk County in 2014.

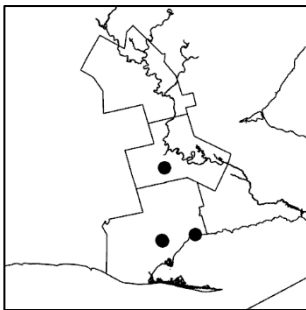
BRAN  
NORF ✓  
WATE



***Amanita fulva*** Fr. – Tawny Grisette

Mycorrhizal with hardwoods.

BRAN  
NORF ✓  
WATE



***Amanita lavendula*** (Coker) Tulloss, K.W. Hughes, Rodrig.-Cayc. & Kudzma – Lavender-staining Amanita

Mycorrhizal with hardwoods. Vouchers are needed from Waterloo Region.

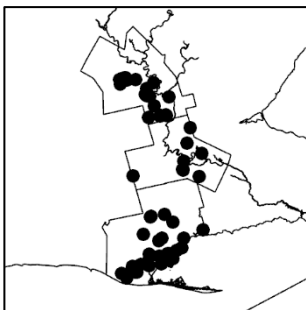
BRAN  
NORF ✓  
WATE ✓



(R) ***Amanita magnivelaris*** Peck – Great Felt Skirt Destroying Angel

The Norfolk County voucher (WDV 754 at UWO) was growing under a mix of hardwoods. Rare.

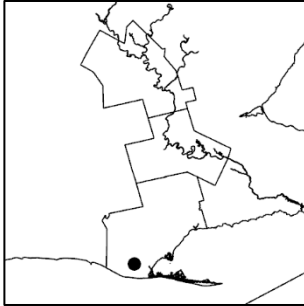
BRAN  
NORF ✓  
WATE



***Amanita muscaria*** (L.) Lam. – Fly Agaric

Mycorrhizal with a variety of trees. Common. Most records in our region are var. *guessowii* Veselý, but there is an observation of var. *alba* Peck from Waterloo Region.

BRAN ✓  
NORF ✓  
WATE ✓



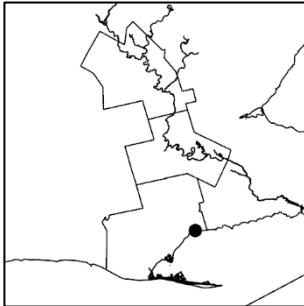
***Amanita russuloides*** (Peck) Sacc. – Brittle-gill-like Amanita

The Norfolk County voucher (WDV 312 at UWO) was collected from a sand barren under black oak (*Quercus velutina*).

BRAN

NORF ✓

WATE



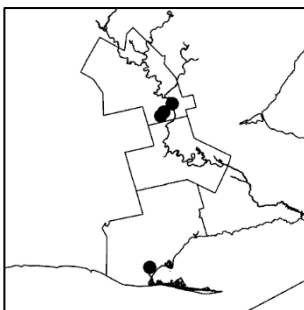
***Amanita spreta*** (Peck) Sacc. – Hated Caesar

The only voucher from the study area is an ITS sequence isolated from soil collected in Norfolk County in 2014 (RET 632-3).

BRAN

NORF ✓

WATE



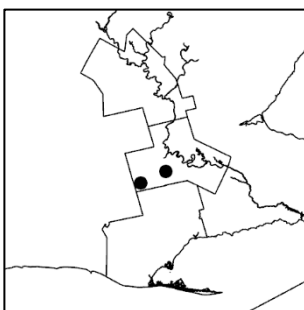
***Amanita velatipes*** G.F. Atk. – Great Funnel-veil Amanita

Mycorrhizal with hardwoods. Vouchers are needed from Brant County.

BRAN

NORF ✓

WATE ✓



***Amanita verna*** (Bull.) Lam. – Fool's Mushroom

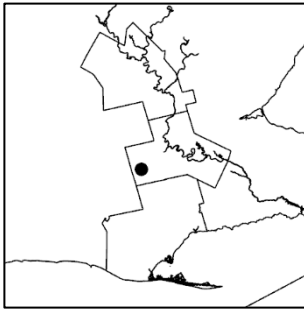
There are two historical collections from Brant County, but this species has not been seen in the study area since 1943.

BRAN ✓ (historical)

NORF

WATE

BATTARREACEAE – Stilt-puffball Family



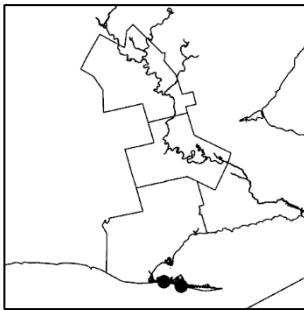
***Tulostoma fimbriatum*** Morgan – Fringed Stalked Puffball

The only voucher from the study area is a 1942 collection from Brant County (TRTC 18547).

BRAN ✓ (historical)

NORF

WATE



***Tulostoma simulans*** Lloyd – Stalked Puffball

Occurs on sand dunes on Long Point. Should be looked for in sandy sites elsewhere in the study area.

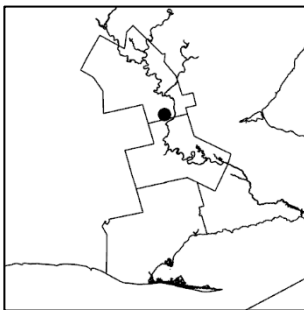
BRAN

NORF ✓

WATE

---

BOLBITIACEAE – Fieldcap Family



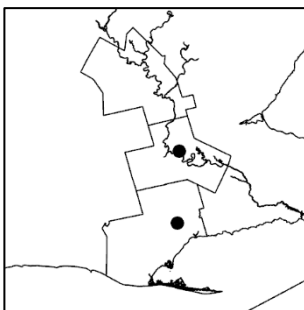
***Bolbitius reticulatus*** (Pers.) Ricken – Netted Fieldcap

The Waterloo Region voucher (iNaturalist 219812604) was growing inside a dead red maple (*Acer rubrum*).

BRAN

NORF

WATE ✓



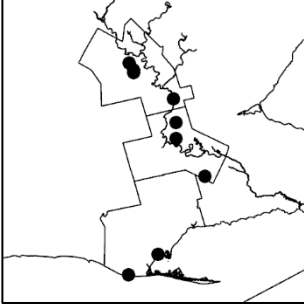
***Bolbitius titubans*** (Bull.) Fr. – Yellow Fieldcap

Saprobic on a variety of plant material. Probably more common than records indicate.

BRAN ✓

NORF ✓

WATE



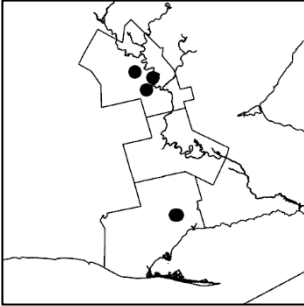
***Conocybe apala*** (Fr.) Arnolds – Milky Conecap

Saprobic; commonly found in lawns. Probably more common than records indicate.

BRAN ✓

NORF ✓

WATE ✓



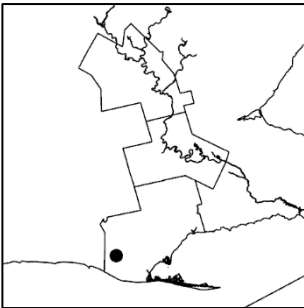
***Conocybe deliquescens*** Hauskn. & Krisai – Beansprout Conecap

Saprobic; commonly found in lawns and other grassy areas. Vouchers are needed from Brant County.

BRAN

NORF ✓

WATE ✓



***Conocybe praticola*** E.F. Malysheva

The Norfolk County voucher (WDV 321 at UWO) was collected from a sandy opening in a mature oak forest. This is the first North American record of this species which was only recently described based on material from eastern Russia (Malysheva 2017).

BRAN

NORF ✓

WATE



***Pholiotina sulcata*** Arnolds & Hauskn.

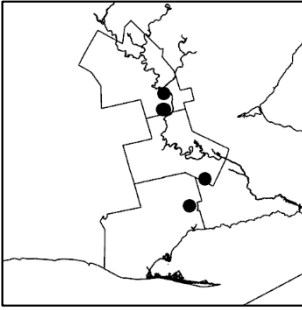
The only voucher from the study area is 2015 collection from Waterloo Region (UWO BF4, MO 215557).

BRAN

NORF

WATE ✓

CALLISTOSPORIACEAE – Lute Family



*Callistosporium luteo-olivaceum* (Berk. & M.A. Curtis) Singer – Olive Lute

Saprobic on hardwoods.

BRAN ✓

NORF ✓

WATE ✓



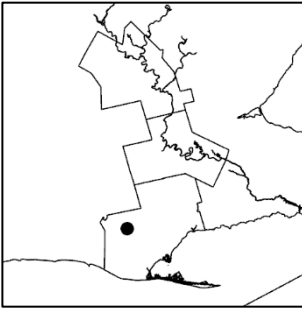
*Callistosporium pseudofelleum* Vizzini, Matheny, Consiglio & M. Marchetti

Saprobic on hardwoods. The Norfolk County voucher (WDV 640 at UWO) was on a decaying oak stump.

BRAN

NORF ✓

WATE



(R) *Callistosporium purpureomarginatum* Fatto & Bessette – Purple-edged Lute

Saprobic on hardwoods. The Norfolk County voucher (WDV 641 at UWO) was on a decaying oak stump. Rare.

BRAN

NORF ✓

WATE

---

CLAVARIACEAE



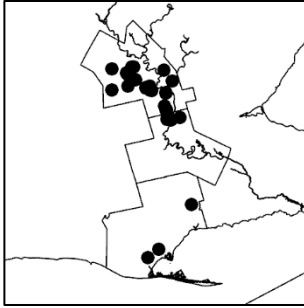
*Clavaria amoenoides* Corner, K.S. Thind & Anand

Saprobic but terricolous. Easily misidentified as *C. fragilis* and thus perhaps more common than records indicate.

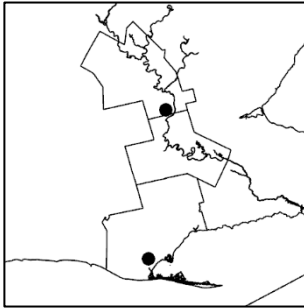
BRAN

NORF

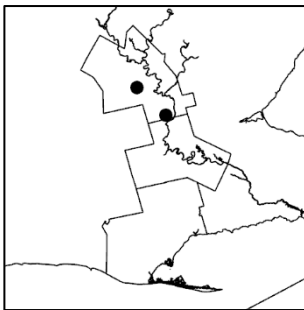
WATE ✓



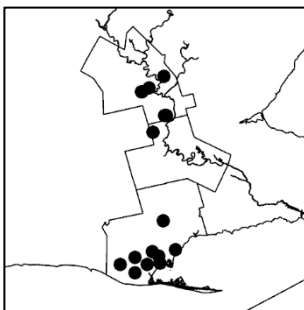
***Clavaria fragilis*** Holmsk. – Fairy Fingers  
 Saprobic but terricolous. Common.  
 BRAN ✓  
 NORF ✓  
 WATE ✓



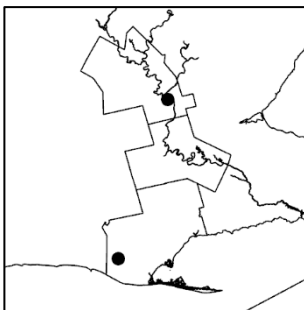
***Clavaria fumosa*** Pers. – Smoky Spindles  
 Saprobic but terricolous.  
 BRAN  
 NORF ✓  
 WATE ✓



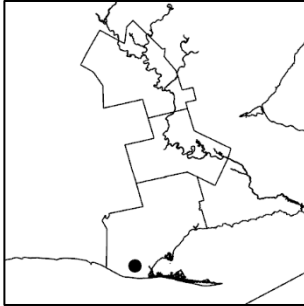
(R) ***Clavaria rosea*** Fr. – Rose Spindles  
 Saprobic but terricolous. Rare.  
 BRAN  
 NORF  
 WATE ✓



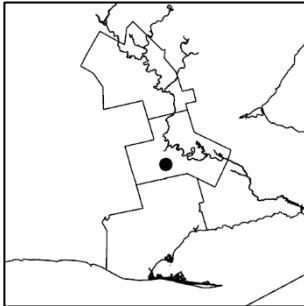
***Clavaria zollingeri*** Lév. – Violet Coral Fungus  
 Saprobic but terricolous. Although this is one of the few non-lichenized fungi assessed as globally vulnerable by IUCN, it is common in the study area.  
 BRAN ✓  
 NORF ✓  
 WATE ✓  
 IUCN: Vulnerable



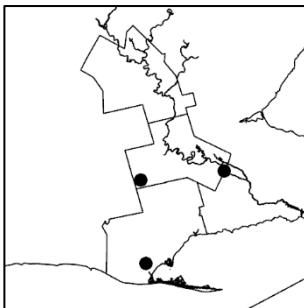
(R) ***Clavulinopsis appalachiensis*** (Coker) Corner – Appalachian Coral Fungus  
 Both the Waterloo Region and Norfolk County vouchers were associated with *Tsuga canadensis* (eastern hemlock). Rare. One of the target species of the 2024 FUNDIS Northeast Rare Fungi Challenge.  
 BRAN  
 NORF ✓  
 WATE ✓  
 Canada N1N3



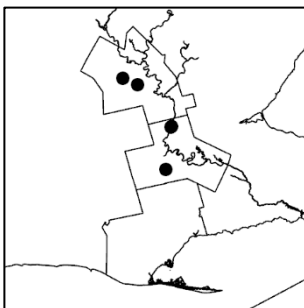
***Clavulinopsis aurantiocinnabarina*** (Schwein.) Corner – Reddish-orange Coral Fungus  
Terricolous, but ecology uncertain.  
BRAN  
NORF ✓  
WATE



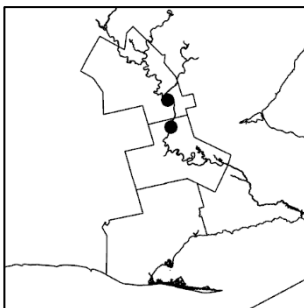
***Clavulinopsis corniculata*** (Schaeff.) Corner – Meadow Coral Fungus  
The only record in the study area is a 1943 voucher from Brant County (TRTC 42808).  
BRAN ✓ (historical)  
NORF  
WATE



***Clavulinopsis fusiformis*** (Sowerby) Corner – Golden Spindles  
Terricolous, but ecology uncertain.  
BRAN ✓  
NORF ✓  
WATE

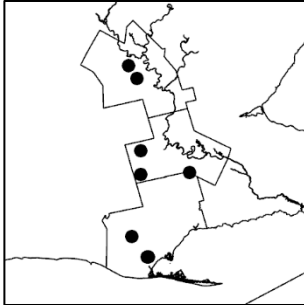


***Clavulinopsis laeticolor*** (Peck) Corner – Handsome Club  
Terricolous, but ecology uncertain.  
BRAN ✓  
NORF  
WATE ✓



***Clavulinopsis manus-buddhae*** Birkebak (=C. “*sp-OH01*” S.D. Russell crypt. temp.) – Buddha’s Hand  
Specimens collected in the study area were all terricolous in swamps with yellow birch (*Betula alleghaniensis*) and eastern hemlock (*Tsuga canadensis*). This species was recently described by Birkebak (2025) based on the holotype from the Appalachian mountains in Tennessee.  
BRAN ✓  
NORF  
WATE ✓

**OCCURRENCE MAP  
NOT YET AVAILABLE**



***Mucronella aggregata* (Fr.) Fr.**

BRAN ✓ (historical)

NORF

WATE

***Ramariopsis kunzei* (Fr.) Corner – White Coral Fungus**

Saprobic; on soil or occasionally rotting wood.

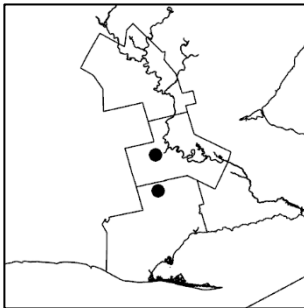
BRAN ✓

NORF ✓

WATE ✓

---

**CLITOCYBACEAE – Funnel Family**



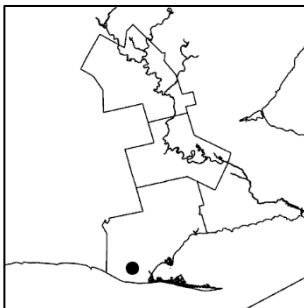
***Clitocybe fragrans* (With.) P. Kumm. – Fragrant Funnel**

Both vouchers from the study area were on the ground under *Pinus strobus*.

BRAN ✓

NORF ✓

WATE



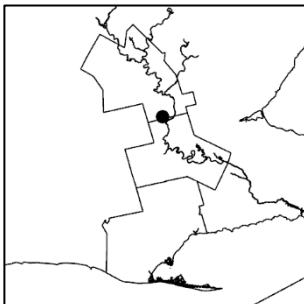
***Clitocybe rivulosa* (Pers.) P. Kumm. – Fool's Funnel**

The Norfolk County voucher (UWO MP13, MO 267472) was on sandy soil in a restored tallgrass prairie.

BRAN

NORF ✓

WATE



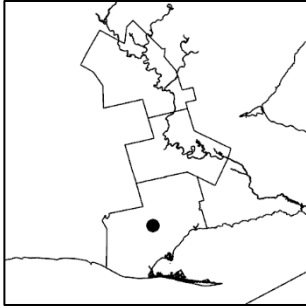
***Clitocybe robusta* Peck – Robust Funnel**

The Waterloo Region voucher (WDV 500 at UWO) was on the ground in a spruce plantation.

BRAN

NORF

WATE ✓



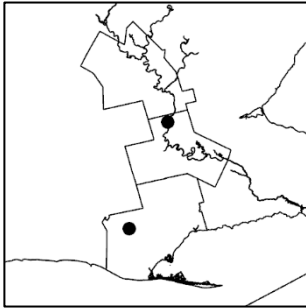
***Clitocybe subditopoda*** Peck

The Norfolk County voucher (WDV 487 at UWO, BOLD CCDB-42548-F12) was on a decaying pine stump.

BRAN

NORF ✓

WATE



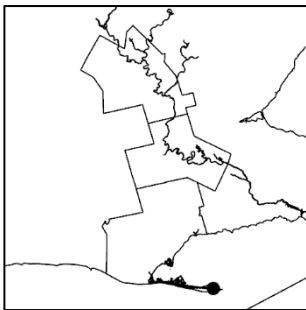
***Clitocybe truncicola*** (Peck) Sacc. – Trunk Funnel

Saprobic.

BRAN ✓

NORF ✓

WATE



(R) ***Collybia cirrhata*** (Pers.) Quél. – Piggyback Shanklet

Occurs on the decaying fruiting bodies of other fungi. The only record for the study area is a 2020 observation from Long Point (iNaturalist 63718397). Rare.

BRAN

NORF ✓

WATE



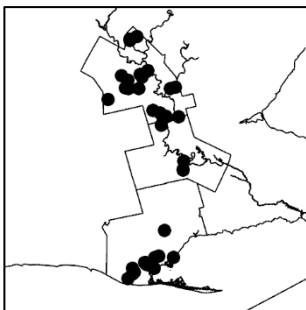
***Collybia irina*** (Fr.) Z.M. He & Zhu L. Yang – Flowery Blewit

Saprobic; all of the vouchers from the study area were growing under *Pinus strobus*.

BRAN

NORF

WATE ✓



***Collybia nuda*** (Bull.) Z.M. He & Zhu L. Yang – Blewit

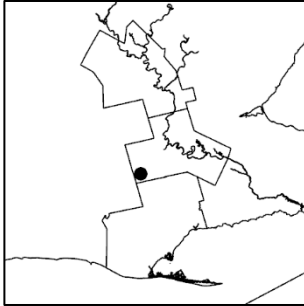
Saprobic; frequently found in association with *Pinus strobus* in the study area.

Common.

BRAN ✓

NORF ✓

WATE ✓



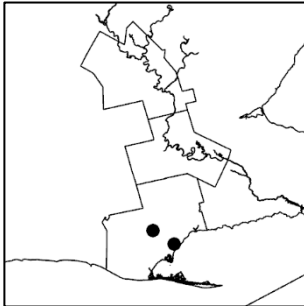
***Collybia odora*** (Bull.) Z.M. He & Zhu L. Yang – Aniseed Funnel

The only record from the study area is a 1936 voucher from Brant County (TRTC 9334).

BRAN ✓ (historical)

NORF

WATE



***Lepista subconnexa*** (Murrill) Harmaja – Clustered Clitocybe

Saprobic.

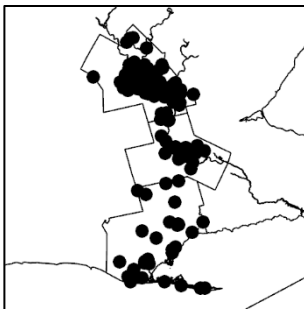
BRAN

NORF ✓

WATE

---

COPRINACEAE – Inky Cap Family



***Coprinus comatus*** (O.F. Müll.) Pers. – Shaggy Mane

Saprobic, but terricolous. Common.

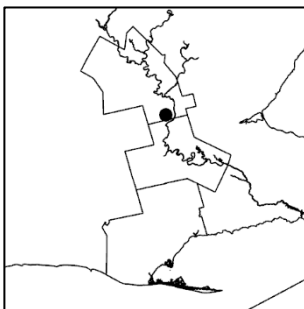
BRAN ✓

NORF ✓

WATE ✓

---

CORTINARIACEAE – Webcap Family



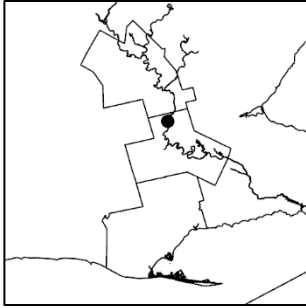
***Cortinarius alboviolaceus*** (Pers.) Zawadzki – Silvery-violet Webcap

The Waterloo Region voucher (iNaturalist 173230727) was on moist, mossy ground under *Acer rubrum*.

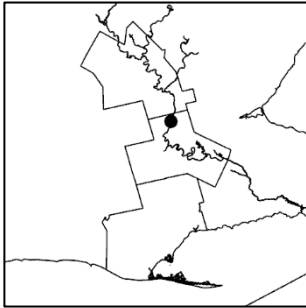
BRAN

NORF

WATE ✓



***Cortinarius anomalosimilis*** Lebeuf, Healy, Ammirati, J. Landry & G. Taylor  
The Brant County voucher (WDV 430 at UWO, BOLD CCDB-42548-H10) was on the ground under dead *Fraxinus*.  
BRAN ✓  
NORF  
WATE



***Cortinarius caesiocolor*** Kytöv., Liimat. & Niskanen  
The Brant County voucher (WDV 696 at UWO) was growing on sandy ground under oaks.  
BRAN ✓  
NORF  
WATE



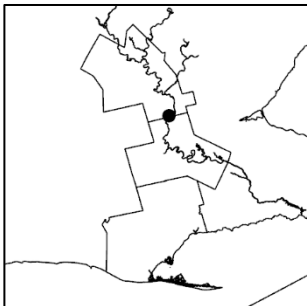
***Cortinarius castaneus*** (Bull.) Fr. – Chestnut Webcap  
The Brant County voucher (WDV 439 at UWO, BOLD CCDB-42548-B10) was growing on mossy hummocks in a cedar-birch swamp.  
BRAN ✓  
NORF  
WATE



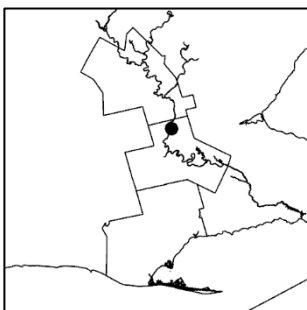
***Cortinarius corrugatus*** (Schaeff.) Gray – Saffron Webcap  
The Waterloo Region voucher (WDV 613 at UWO) was on the ground in a mesic beech-maple forest.  
BRAN  
NORF  
WATE ✓



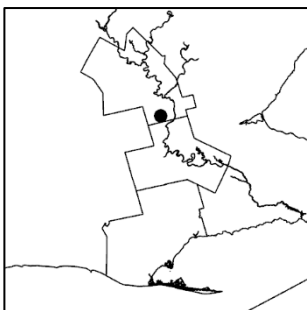
***Cortinarius croceus*** Høil. – Polar Webcap  
The Waterloo Region voucher (WDV 586 at UWO) was collected from a mossy hummock in a cedar-hardwood swamp.  
BRAN  
NORF  
WATE ✓



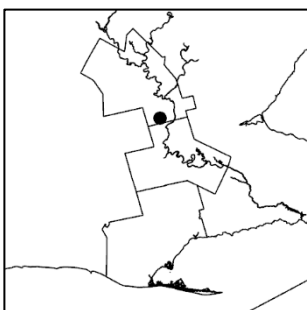
***Cortinarius davemallochii*** Ammirati, Niskanen & Liimat. – Dave Malloch’s Weccap  
The Waterloo Region voucher (WDV 658a at UWO) was growing in *Sphagnum* in a rich fen.  
BRAN  
NORF  
WATE ✓



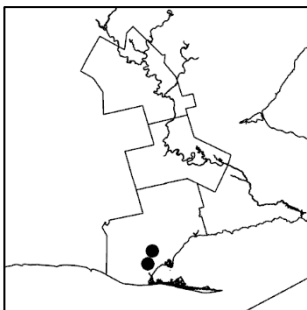
***Cortinarius distans*** Peck  
The Brant County voucher (WDV 616 at UWO) was growing on moss-covered sandy ground.  
BRAN ✓  
NORF  
WATE



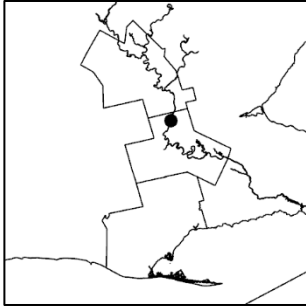
***Cortinarius fuscoflavidus*** Niskanen, Liimat. & Ammirati  
The Waterloo Region voucher (WDV 455 at UWO, BOLD CCDB-42548-F11) was on dry ground under *Pinus strobus* and *P. resinosa*.  
BRAN  
NORF  
WATE ✓



***Cortinarius iodeoides*** Kauffman  
The Waterloo Region voucher (WDV 369 at UWO, BOLD CCDB-42548-C7) was on the ground in a mesic hardwood forest. Similar to *C. iodes*, but differs in having bitter-tasting slime on the pileus.  
BRAN  
NORF  
WATE ✓



***Cortinarius iodes*** Berk. & M.A. Curtis – Viscid Violet Weccap  
Ectomycorrhizal with oaks. Similar to *C. iodeoides* but differs in having mild-tasting slime on the pileus.  
BRAN  
NORF ✓  
WATE



***Cortinarius subpulchrifolius* Kauffman**

The Brant County voucher (WDV 699 at UWO) was growing in sandy ground next to a rich maple swamp.

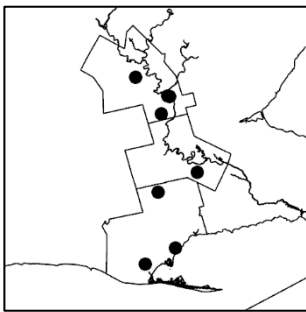
BRAN ✓

NORF

WATE

CREPIDOTACEAE – Crep Family

All of the species in this family are saprobic, usually found on large decaying logs or dead branches of living trees.

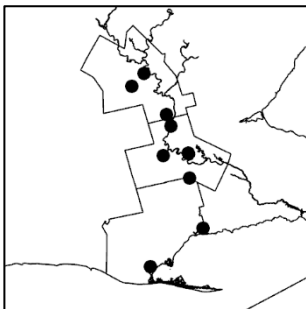


***Crepidotus applanatus* (Pers.) P. Kumm. – Flat Crep**

BRAN ✓

NORF ✓

WATE ✓

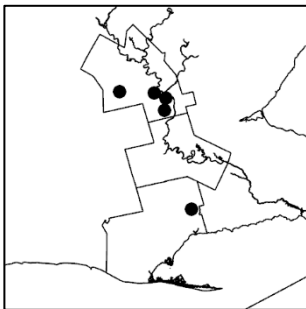


***Crepidotus calolepis* (Fr.) P. Karst.**

BRAN ✓

NORF ✓

WATE ✓



***Crepidotus crocophyllus* (Berk.) Sacc. – Saffron Crep**

Vouchers are needed from Brant County.

BRAN

NORF ✓

WATE ✓

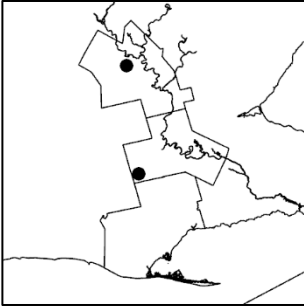
**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Crepidotus fulvotomentosus* (Peck) Peck**

BRAN ✓ (historical)

NORF

WATE



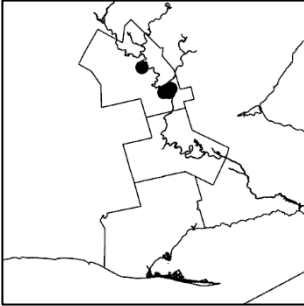
***Crepidotus malachus* Sacc.**

Possibly overlooked due to similarity with *C. applanatus*.

BRAN ✓

NORF

WATE ✓



***Crepidotus mollis* (Schaeff.) Staude – Peeling Crep**

BRAN

NORF

WATE ✓

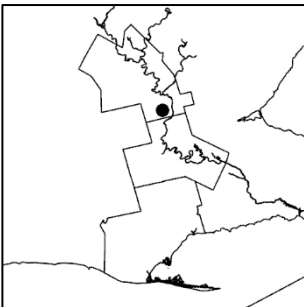
**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Phaeosolenia densa* (Berk.) W.B. Cooke**

BRAN ✓ (historical)

NORF

WATE



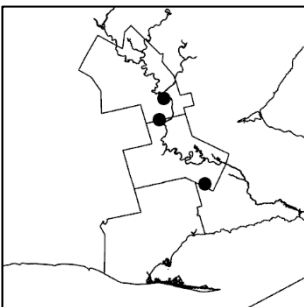
***Simocybe "sp-IN01"* S.D. Russell crypt. temp.**

The Waterloo Region voucher (WDV 711 at UWO) was growing on a decorticated log in mixed woods.

BRAN

NORF

WATE ✓



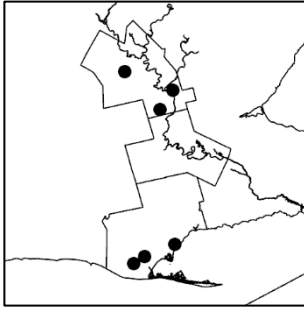
***Simocybe centunculus* (Fr.) P. Karst. – Dingy Twiglet**

BRAN ✓

NORF

WATE ✓

CYPHELLACEAE



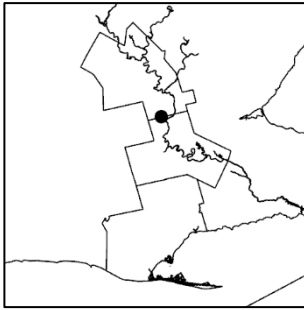
***Baeospora myosura*** (Fr.) Singer – Conifer Cone Cap

Occurs on decaying conifer cones, especially *Pinus* in the study area. Vouchers are needed from Brant County.

BRAN

NORF ✓

WATE ✓



(R) ***Baeospora myriadophylla*** (Peck) Singer

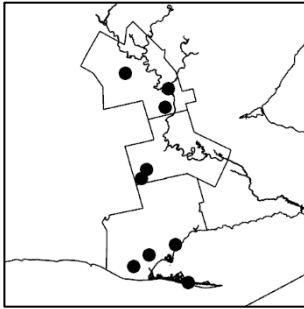
Saprobic; the Waterloo Region voucher (WDV 760 at UWO) was growing on a large, decorticated log of unknown identity. Rare.

BRAN

NORF

WATE ✓

IUCN: Vulnerable



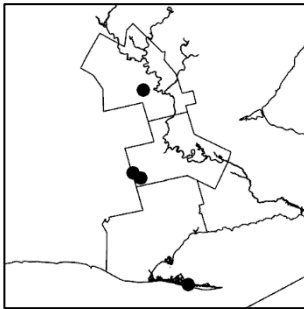
***Chondrostereum purpureum*** (Pers.) Pouzar – Silverleaf Fungus

Parasitic and saprobic on hardwood trees; sometimes considered a pathogen of economic significance.

BRAN ✓

NORF ✓

WATE ✓



***Granulobasidium vellereum*** (Ellis & Cragin) Jülich

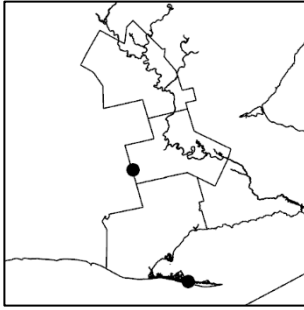
Parasitic and saprobic on hardwood trees. There are vouchers from all three municipalities in the study area, but it has not been documented in since 1940. Possibly overlooked due to being a relatively unremarkable crustose fungus.

BRAN ✓ (historical)

NORF ✓ (historical)

WATE ✓ (historical)

CYSTOSTEREACEAE



*Crustomyces expallens* (Bres.) Hjortstam

There are vouchers from Brant County and Norfolk County, but no documented occurrences after 1938.

BRAN ✓ (historical)

NORF ✓ (historical)

WATE

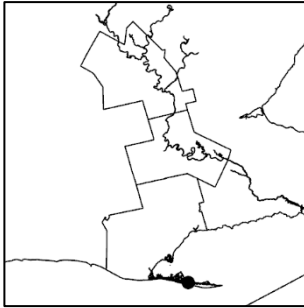
**OCCURRENCE MAP  
NOT YET AVAILABLE**

*Cystostereum murrayi* (Berk. & M.A. Curtis) Pouzar

BRAN ✓ (historical)

NORF

WATE



*Cystostereum pini-canadense* (Schwein.) Parmasto

The only record for the study area is a 1939 collection from Long Point (TRTC 15164).

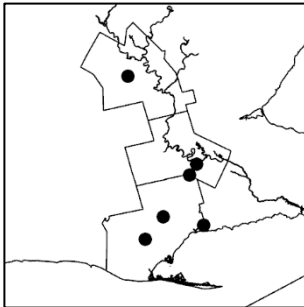
BRAN

NORF ✓ (historical)

WATE

---

ENTOLOMATACEAE – Pinkgill Family



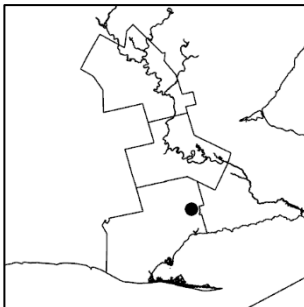
*Clitopilus prunulus* (Scop.) P. Kumm. – Sweetbread Mushroom

Saprobic on all kinds of wood; often terricolous.

BRAN ✓

NORF ✓

WATE ✓



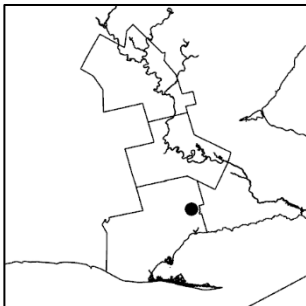
*Entoloma* “sp-IN02” S.D. Russell crypt. temp.

The Norfolk County voucher (WDV 350 at UWO, BOLD CCDB-42548-B6) was on the ground in a mesic mixed forest.

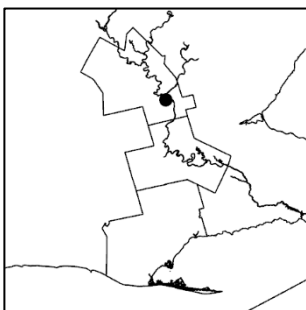
BRAN

NORF ✓

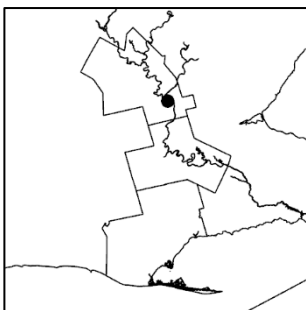
WATE



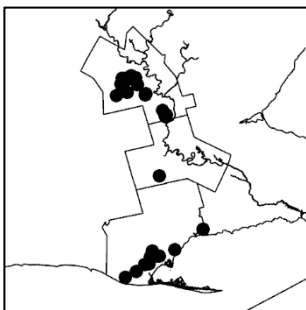
***Entoloma "sp-IN29"*** S.D. Russell crypt. temp.  
 The Norfolk County voucher (WDV 354 at UWO, BOLD CCDB-42548-G3) was on the ground in a mesic mixed forest.  
 BRAN  
 NORF ✓  
 WATE



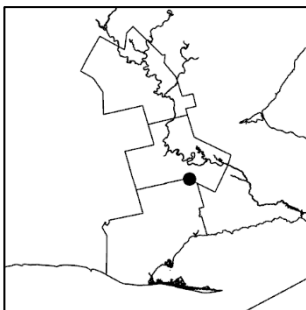
***Entoloma "sp-IN31"*** S.D. Russell crypt. temp.  
 The Waterloo Region voucher (WDV 625 at UWO) was growing on mesic loamy soil under *Fagus grandifolia* (American beech).  
 BRAN  
 NORF  
 WATE ✓



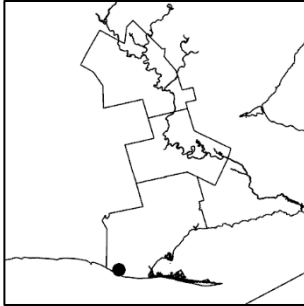
***Entoloma "sp-IN69"*** S.D. Russell crypt. temp.  
 The Waterloo Region voucher (WDV 606 at UWO) was growing on mossy hummocks in a cedar-birch swamp.  
 BRAN  
 NORF  
 WATE ✓



***Entoloma abortivum*** (Berk. & M.A. Curtis) Donk – Aborted Pinkgill, Shrimp of the Woods  
 Parasitizes fruiting bodies of *Armillaria* (honey mushrooms). The specimens encountered most frequently are in fact the parasitized *Armillaria*; fruiting bodies of *E. abortivus* itself are less frequently documented. Common.  
 BRAN ✓  
 NORF ✓  
 WATE ✓



***Entoloma bicolor*** Murrill – Bicolored Pinkgill  
 The Brant County voucher (WDV 630 at UWO) was on moist ground under a variety of hardwoods.  
 BRAN ✓  
 NORF  
 WATE



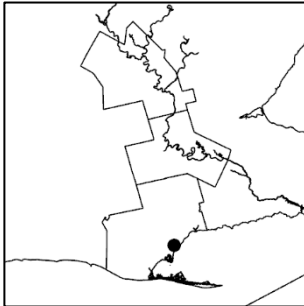
***Entolomoa bicoloripes*** (Largent & Thiers) Noordel. & Co-David

The Norfolk County voucher (WDV 684 at UWO) was growing on a decayed log in a mixed hemlock-hardwood swamp.

BRAN

NORF ✓

WATE



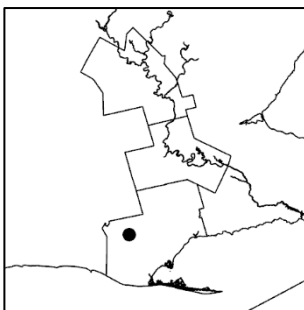
***Entoloma brunneorugulosum*** Reschke, Noordel. & Lotz-Winter

The Norfolk County voucher (WDV 742 at UWO; BOLD CCDB-48874-G12) was growing in a mixed oak-pine forest.

BRAN

NORF ✓

WATE



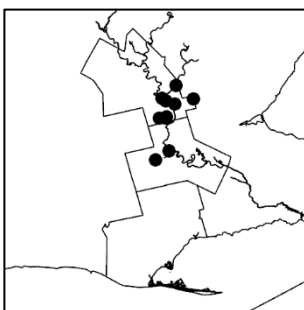
***Entoloma fuscusquamosum*** Hesler

The Norfolk County voucher (WDV 642 at UWO) was growing on a heavily decayed stump in mixed oak-pine woods.

BRAN

NORF ✓

WATE



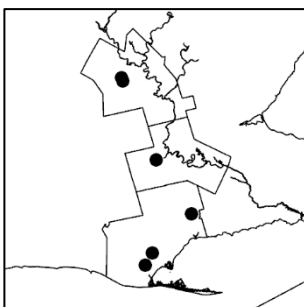
***Entoloma incanum*** (Fr.) Hesler – Mouse Pee Pinkgill

In calcareous soil, especially on floodplains under conifers. Vouchers are needed from Norfolk County.

BRAN ✓

NORF

WATE ✓



***Entoloma murrayi*** (Berk. & M.A. Curtis) Sacc. & P. Syd. – Yellow Unicorn

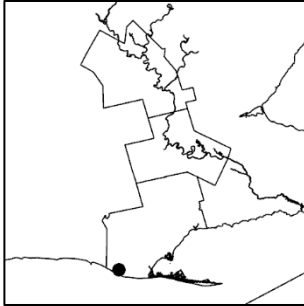
Pinkgill

Saprobic; most frequently found in floodplain forests and other moist sites.

BRAN ✓

NORF ✓

WATE ✓



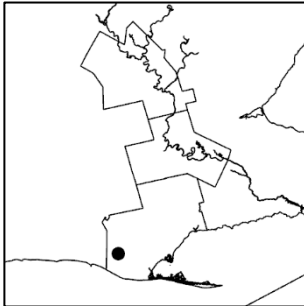
***Entoloma olivaceomarginatum*** Hesler – Olive-edged Pinkgill

The Norfolk County voucher (WDV 682 at UWO) was growing in a seepy area at the bottom of a steep valley slope.

BRAN

NORF ✓

WATE



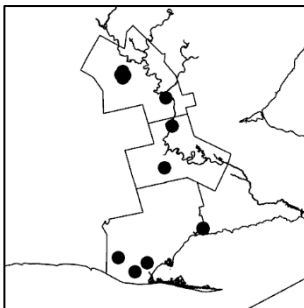
***Entoloma praecipuum*** J.B. Jordal, Noordel. & Dima

The Norfolk County voucher (WDV 322 at UWO, BOLD CCDB-42548-G5) was in moist soil at the edge of a slough under *Acer rubrum* and *Tsuga canadensis*.

BRAN

NORF ✓

WATE



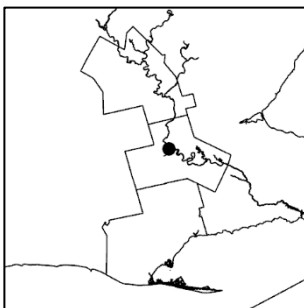
***Entoloma quadratum*** (Berk. & M.A. Curtis) E. Horak – Salmon Pinkgill

Occurs in moist places, especially mossy hummocks in swamps.

BRAN ✓

NORF ✓

WATE ✓



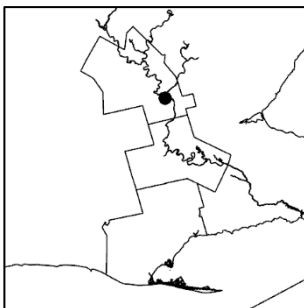
***Entoloma sericellum*** (Fr.) P. Kumm. – Cream Pinkgill

The Brant County voucher (WDV 382 at UWO, BOLD CCDB-42548-C2) was in moist soil in a floodplain forest under *Thuja occidentalis*.

BRAN ✓

NORF

WATE



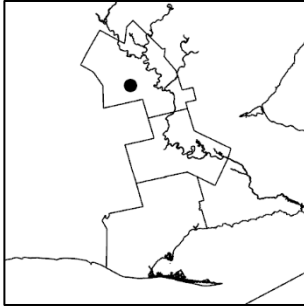
***Entoloma sericeum*** Qué. – Silky Pinkgill

The Waterloo Region voucher (UWO BF8, MO 221924) was collected in a restored riverine prairie.

BRAN

NORF

WATE ✓



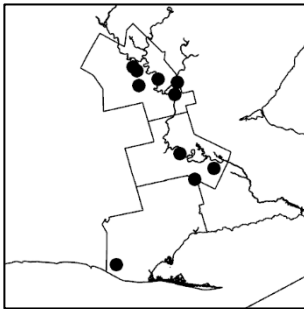
(R) *Entoloma violaceum* Murrill – Violet Pinkgill

The only record from the study area is a 2015 voucher from Waterloo Region (iNaturalist 245316144). Rare.

BRAN  
NORF  
WATE ✓

---

GALEROPSISIDACEAE – Mottlegill Family



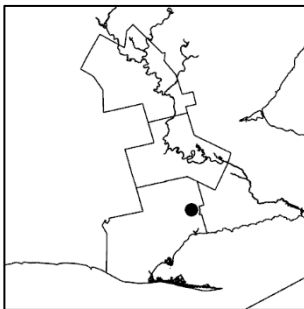
*Panaeolus foenisecii* (Pers.) J. Schröt. – Mower’s Mushroom

A characteristic species of lawns and other grassy areas. Common.

BRAN ✓  
NORF ✓  
WATE ✓

---

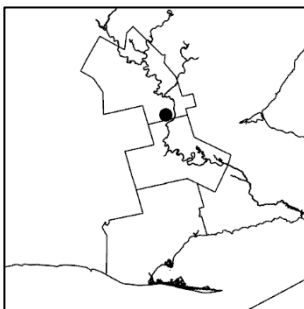
HYDNANGIACEAE



*Laccaria* “IN1” S.D. Russell crypt. temp.

The Norfolk County voucher (WDV 353 at UWO, BOLD CCDB-42548-D2) was in mesic soil in a mixed forest.

BRAN  
NORF ✓  
WATE

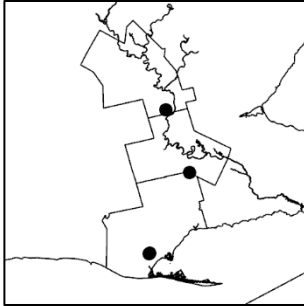


(R) *Laccaria amethystina* Cooke – Amethyst Deceiver

The Waterloo Region voucher (iNaturalist 173231926) was in moist soil at the edge of a kettle pond under *Acer rubrum*. Rare.

BRAN  
NORF  
WATE ✓

---



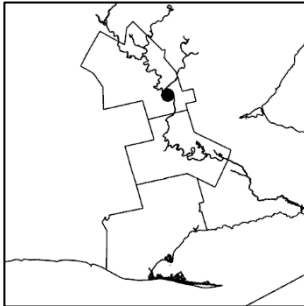
***Laccaria laccata*** (Scop.) Cooke – Common Deceiver

Ectomycorrhizal with a variety of hardwoods. Probably more common than records indicate, but identification requires microscopy. One record is var. *pallidifolia*; infraspecific identity of other records is unknown.

BRAN ✓

NORF ✓

WATE ✓



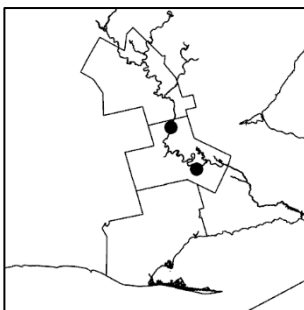
***Laccaria longipes*** G.M. Muell. – Long-stemmed Deceiver

The Waterloo Region voucher (iNaturalist 232075782) was on mossy hummocks under *Larix laricina*, *Thuja occidentalis*, and *Betula alleghaniensis*.

BRAN

NORF

WATE ✓



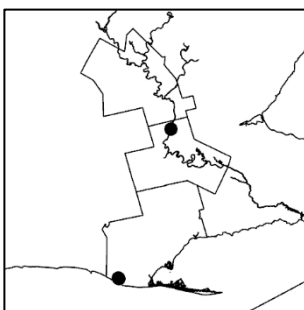
***Laccaria ohiensis*** (Mont.) Singer – Ohio Deceiver

Both vouchers from Brant County (WDV 298 and 674 at UWO) were collected from the bottom of dry vernal pools under *Acer rubrum*. Very similar to *L. tortilis* and other species of *Laccaria*, and maybe overlooked elsewhere in the study area.

BRAN ✓

NORF

WATE



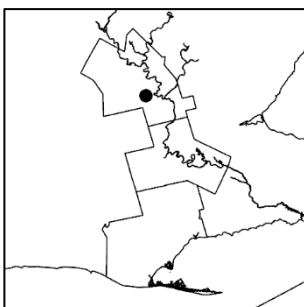
***Laccaria striatula*** (Peck) Peck – Striped Deceiver

Hardwood swamps. Vouchers are needed from Waterloo Region.

BRAN ✓

NORF ✓

WATE



***Laccaria tortilis*** (Bolton) Cooke – Twisted Deceiver

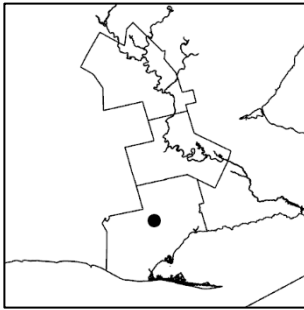
The only record for the study area is a 2021 observation from Waterloo Region (iNaturalist 87904768). Very similar to *L. ohiensis* and other species of *Laccaria*.

BRAN

NORF

WATE ✓

HYGROPHORACEAE – Woodwax Family



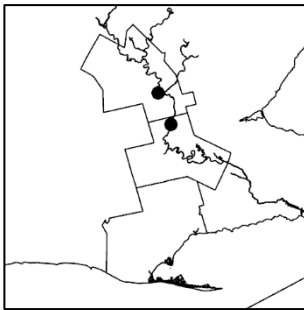
(R) *Ampulloclitocybe clavipes* (Pers.) Redhead, Lutzoni, Moncalvo & Vilgalys – Clubfoot

The only record for the study area is from DNA sequenced from soil samples collected in Norfolk County in 2021. Rare.

BRAN

NORF ✓

WATE



*Arrhenia epichysium* (Pers.) Redhead, Lutzoni, Moncalvo & Vilgalys – Brown Goblet

Saprobic on all kinds of wood.

BRAN ✓

NORF

WATE ✓



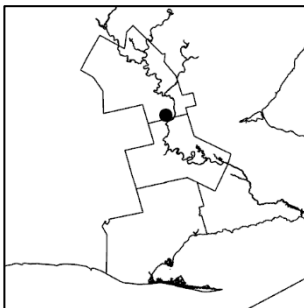
(R) *Cantharellula umbonata* (J.F. Gmel.) Singer – The Humpback

Known only from Turkey Point in Norfolk County where records date back to 1984. Rare.

BRAN

NORF ✓

WATE



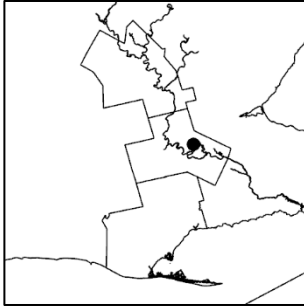
*Cuphophyllus borealis* (Peck) Bon ex Courtec. – Northern Waxcap

The only record for the study area is a 2021 observation from Waterloo Region (iNaturalist 97045994).

BRAN

NORF

WATE ✓



***Cuphophyllus pratensis*** (Pers.) Bon – Meadow Waxcap

The only record for the study area is a 2023 observation from Brant County (iNaturalist 175746612).

BRAN ✓

NORF

WATE



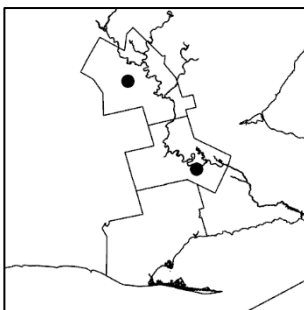
***Cuphophyllus virgineus*** (Wulfen) Kovalenko – Snowy Waxcap

The only record for the study area is a 2021 observation from Norfolk County.

BRAN

NORF ✓

WATE



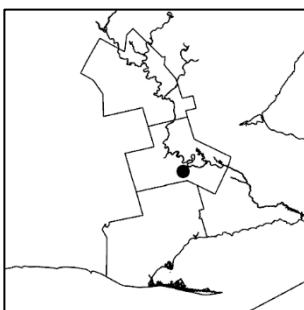
***Gliophorus laetus*** (Pers.) Herink – Heath Waxcap

Hardwood swamps. Both vouchers from the study area are the pale form *pallidus*.

BRAN ✓

NORF

WATE ✓



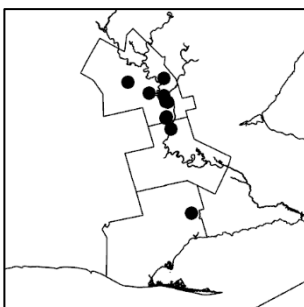
***Gliophorus perplexus*** (A.H. Sm. & Hesler) Kovalenko – Perplexing Waxcap

The only record for the study area is a 2021 observation from Brant County (iNaturalist 91752613).

BRAN ✓

NORF

WATE



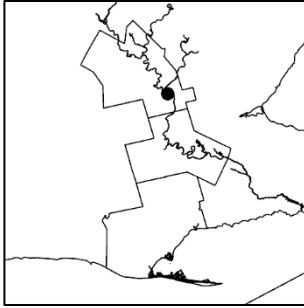
***Gliophorus psittacinus*** (Schaeff.) Herink – Parrot Waxcap

Moist forests; ecology uncertain.

BRAN ✓

NORF ✓

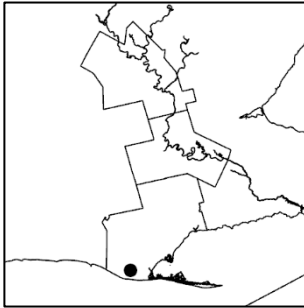
WATE ✓



(R) *Gloioxanthomyces nitidus* (Berk. & M.A. Curtis) Lodge, Vizzini, Ercole & Boertm. – Shining Waxcap

Known only from an acidic cedar-hemlock swamp in Waterloo Region where it has been regularly observed. Rare.

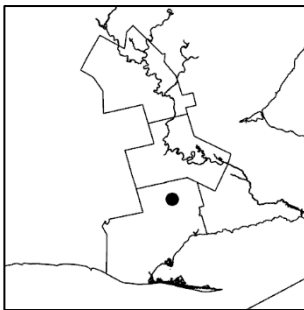
BRAN  
NORF  
WATE ✓



*Humidicutis marginata* (Peck) Singer – Orange-gilled Waxcap

The only record for the study area is a 2024 observation from Norfolk County (iNaturalist 234796882).

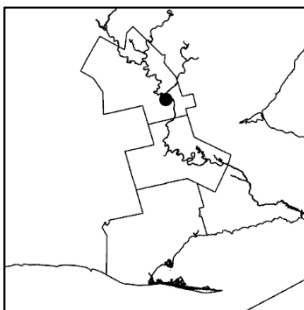
BRAN  
NORF ✓  
WATE



*Hygrocybe acutoconica* (Clem.) Singer – Persistent Waxcap

The only record for the study area is a 2023 observation from Norfolk County (iNaturalist 179067765).

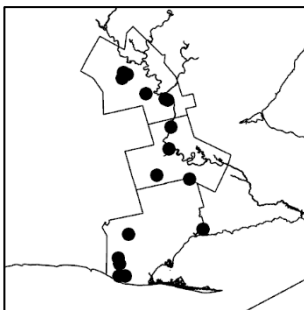
BRAN  
NORF ✓  
WATE



(R) *Hygrocybe aurantiosplendens* R. Haller Aar. – Orange Waxcap

The Waterloo Region voucher (WDV 627 at UWO) was growing in moist soil under *Fagus grandifolia*. Rare.

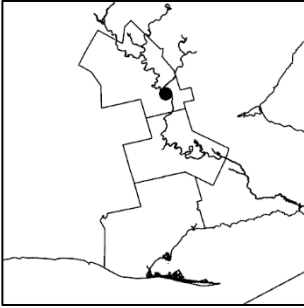
BRAN  
NORF  
WATE ✓



*Hygrocybe cantharellus* (Schwein.) Murrill – Goblet Waxcap

On the ground or rotting wood in swamps and other moist places. Common.

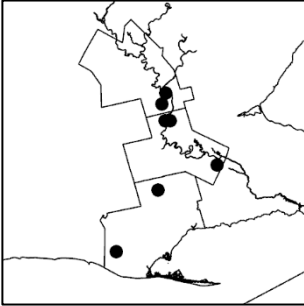
BRAN ✓  
NORF ✓  
WATE ✓



***Hygrocybe ceracea*** (Sowerby) P. Kumm. – Butter Waxcap

The Waterloo Region voucher (WDV 648 at UWO) was on mossy hummocks in a cedar-birch swamp.

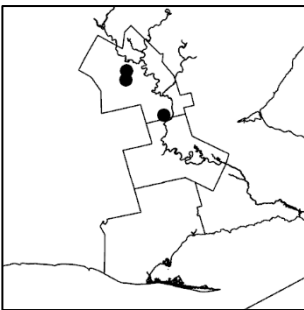
BRAN  
NORF  
WATE ✓



***Hygrocybe chlorophana*** (Fr.) Wünsche – Yellow-green Waxcap

Typically in mesic hardwood or mixed wood forests. Very similar to *H. flavescens*.

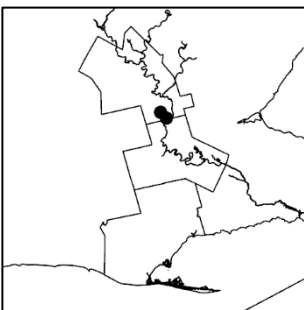
BRAN ✓  
NORF ✓  
WATE ✓



***Hygrocybe coccinea*** (Schaeff.) P. Kumm. – Scarlet Waxcap

Moist sites under hardwoods. Vouchers are needed from Brant and Norfolk.

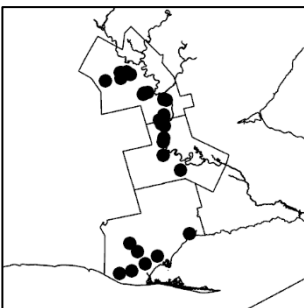
BRAN  
NORF  
WATE ✓



(R) ***Hygrocybe coccineocrenata*** (P.D. Orton) M.M. Moser – Bog Waxcap

Occurs in *Sphagnum* and organic soil in wetlands. Rare.

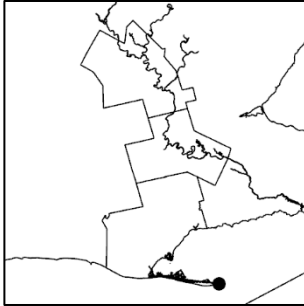
BRAN  
NORF  
WATE ✓  
IUCN: Near Threatened



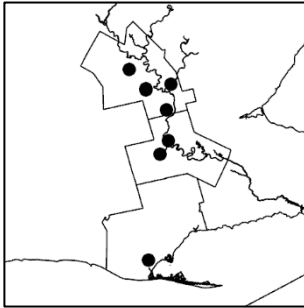
***Hygrocybe conica*** (Schaeff.) P. Kumm. – Witch's Hat

Typically in moist to mesic soil under hardwoods. Common.

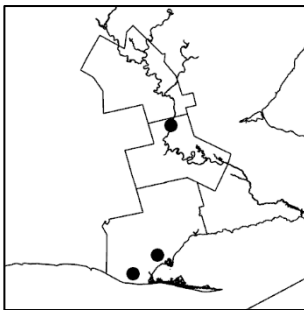
BRAN ✓  
NORF ✓  
WATE ✓



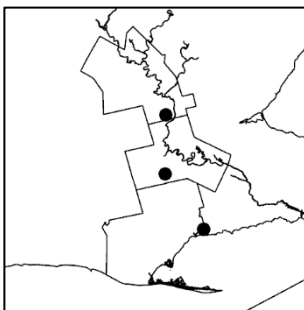
(R) *Hygrocybe conicoides* (P.D. Orton) P.D. Orton & Watling – Dune Waxcap  
A species adapted to exposed sand known only from sand dunes at the tip of Long Point. Rare.  
BRAN  
NORF ✓  
WATE  
Canada N3



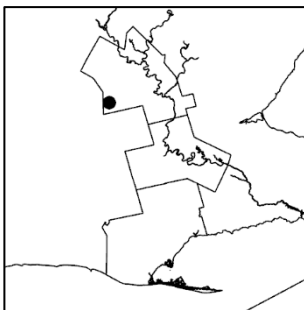
*Hygrocybe cuspidata* (Peck) Murrill – Candy Apple Waxcap  
Occurs in moist sandy sites, especially on floodplains.  
BRAN ✓  
NORF ✓  
WATE ✓



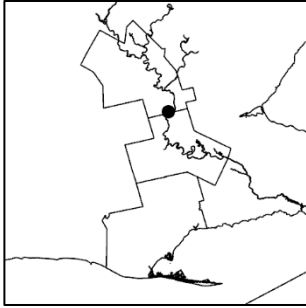
*Hygrocybe flavescens* (Kauffman) Singer – Golden Waxcap  
Occurs in mesic hardwood forests. Very similar to *H. chlorophana*.  
BRAN ✓  
NORF ✓  
WATE



*Hygrocybe miniata* (Fr.) P. Kumm. – Vermillion Waxcap  
All three vouchers in the study area were in moist soil under *Tsuga canadensis*.  
BRAN ✓  
NORF ✓  
WATE ✓



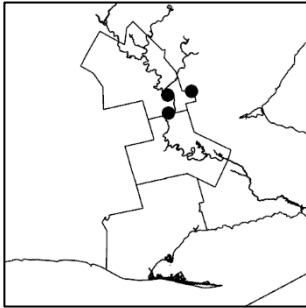
(R) *Hygrocybe punicea* (Fr.) P. Kumm. – Crimson Waxcap  
Known only from one woodlot in Waterloo Region with vouchers as recent as 2023. Rare.  
BRAN  
NORF  
WATE ✓



(R) *Hygrocybe substrangulata* (P.D. Orton) P.D. Orton & Watling – Waisted Waxcap

Restricted to *Sphagnum* peatlands. Rare; known only from one location in Waterloo Region.

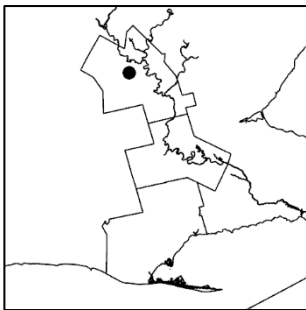
BRAN  
NORF  
WATE ✓



(R) *Hygrocybe turunda* (Fr.) P. Karst. – Cranberry Waxcap

Occurs in *Sphagnum* and organic soil in wetlands. Rare; known only from three acidic wetlands in Waterloo Region.

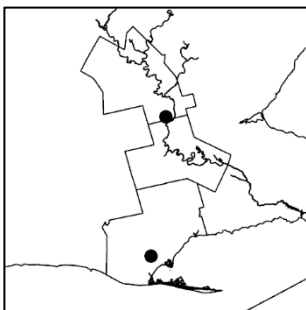
BRAN  
NORF  
WATE ✓



(R) *Hygrophorus chrysodon* (Batsch) Fr. – Gold Dust Woodwax

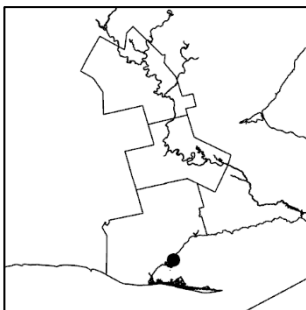
The only record for the study area is a 2021 observation from Waterloo Region (iNaturalist 96336517). Rare.

BRAN  
NORF  
WATE ✓



(R) *Hygrophorus russula* (Schaeff. ex Fr.) Kauffman – Pink-mottled Woodwax  
Ectomycorrhizal with oaks. Rare.

BRAN  
NORF ✓  
WATE ✓

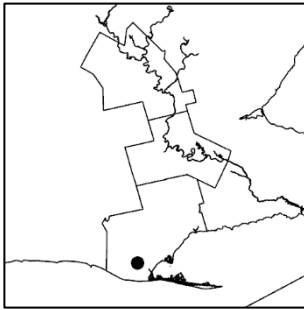


*Hygrophorus sordidus* Velen. – Dirty Woodwax

Known only from Turkey Point in Norfolk County where not seen since 1987.

BRAN  
NORF ✓ (historical)  
WATE

HYMENOGASTRACEAE



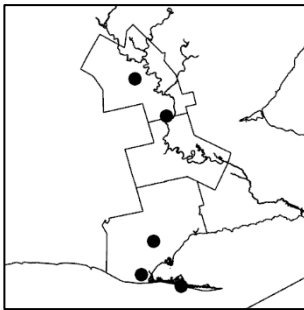
***Agrocybe firma*** (Peck) Singer – Firm Fieldcap

The only record for the study area is a 2024 observation from Norfolk County (iNaturalist 249573991).

BRAN

NORF ✓

WATE



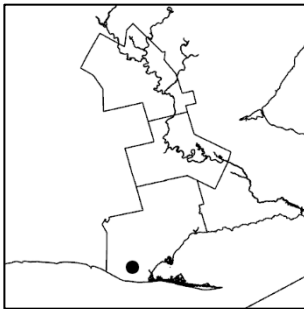
***Agrocybe molesta*** (Lasch) Singer – Bearded Fieldcap

Lawns, field edges, and other disturbed sites. Vouchers are needed from Brant County.

BRAN ✓ (historical)

NORF ✓

WATE ✓



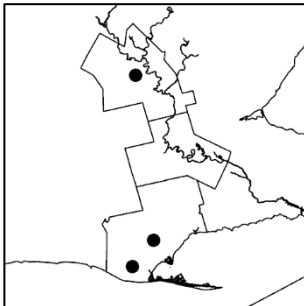
***Agrocybe ochracea*** Nauta – Ochre Fieldcap

The only record for the study area is a 2015 collection from Norfolk County (UWO MP1, MO 215566).

BRAN

NORF ✓

WATE



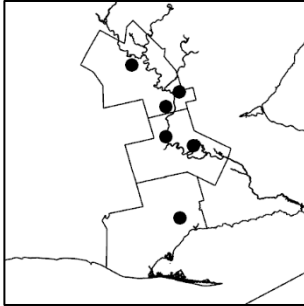
***Agrocybe pediades*** (Fr.) Fayod – Common Fieldcap

Lawns and other disturbed, usually open sites. Vouchers are needed from Brant County.

BRAN

NORF ✓

WATE ✓



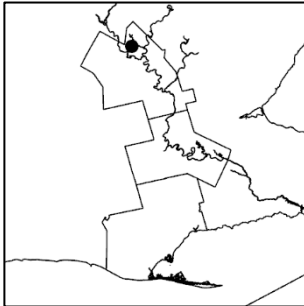
***Agrocybe praecox*** (Pers.) Fayod – Spring Fieldcap

Lawns and other disturbed, usually open sites.

BRAN ✓

NORF ✓

WATE ✓



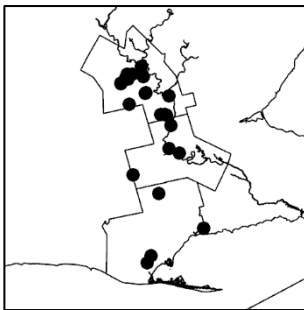
(R) ***Flammula alnicola*** (Fr.) P. Kumm. – Alder Scalycap

The only record for the study area is a 2023 observation from Waterloo Region (iNaturalist 188212181). Rare.

BRAN

NORF

WATE ✓



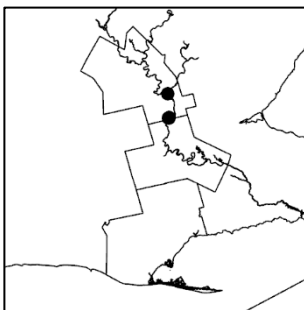
***Galerina marginata*** (Batsch) Kühner – Funeral Bell

Saprobic on all kinds of wood. Common.

BRAN ✓

NORF ✓

WATE ✓



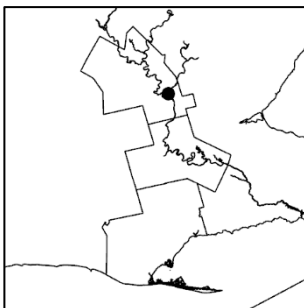
(R) ***Galerina paludosa*** (Fr.) Kühner – Bog Bell

Occurs in *Sphagnum* and other mosses in acidic wetlands. Rare.

BRAN

NORF

WATE ✓



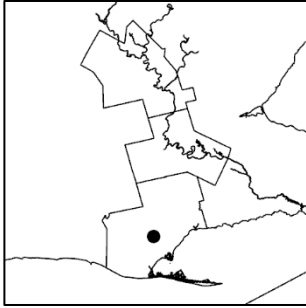
***Gymnopilus aeruginosus*** Peck – Magic Blue Rustgill

The only record for the study area is a 1939 collection from Preston (now part of Cambridge) (BPI 772072).

BRAN

NORF

WATE ✓ (historical)



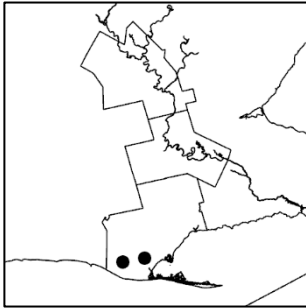
***Gymnopilus junonius*** (Fr.) P.D. Orton – Spectacular Rustgill

The only record for the study area is a 2007 observation from Norfolk County (MUOB 4263).

BRAN

NORF ✓

WATE



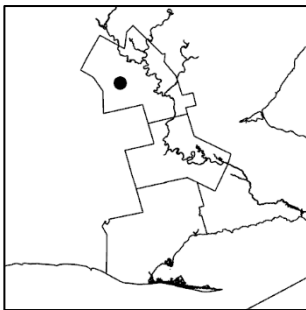
***Gymnopilus liquiritiae*** (Pers.) P. Karst. – Licorice Rustgill

Saprobic on hardwoods. Vouchers are needed from Brant County and Waterloo Region.

BRAN

NORF ✓

WATE



(R) ***Gymnopilus luteofolius*** (Peck) Singer – Yellowgill

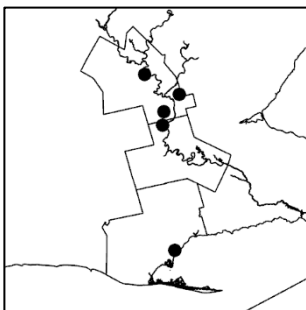
The only record for the study area is a 2020 observation from Waterloo Region (iNaturalist 62227862). Rare.

BRAN

NORF

WATE ✓

Canada N3N4



***Gymnopilus luteus*** (Peck) Hesler – Yellow Rustgill

Saprobic on hardwoods.

BRAN ✓

NORF ✓

WATE ✓



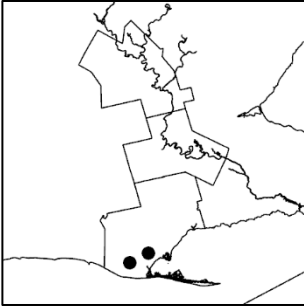
***Hebeloma*** “sp-IN5” S.D. Russell crypt. temp.

The Brant County voucher (WDV 371b at UWO, BOLD CCDB-42548-B7) was growing on a dry, sandy slope under *Tilia americana* (basswood).

BRAN ✓

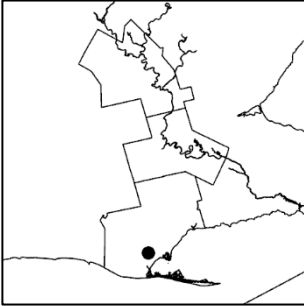
NORF

WATE



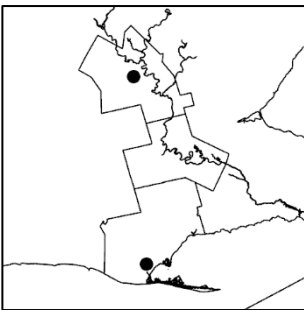
(R) *Hebeloma arenosum* Burds., Macfall & M.A. Albers – Dirty Poisonpie  
Known only from DNA sequences obtained from soil samples collected at two different sites in Norfolk County in 2015. Rare.

BRAN  
NORF ✓  
WATE



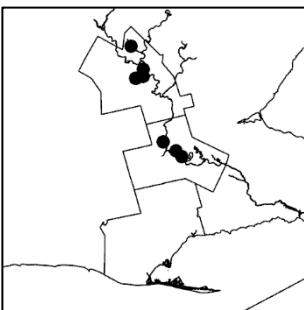
(R) *Hebeloma dunense* L. Corb. & R. Heim – Dune Poisonpie  
Adapted to exposed sandy habitats. The only record for the study area is from a sand barren in Norfolk County (MUOB 267966). Rare.

BRAN  
NORF ✓  
WATE



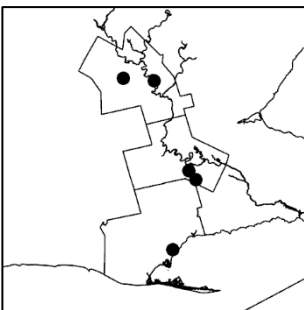
*Hebeloma mesophaeum* (Pers.) Quél. – Veiled Poisonpie  
Ectomycorrhizal with conifers and possibly hardwoods.

BRAN  
NORF ✓  
WATE ✓



*Hemipholiota populnea* (Pers.) Bon – Destructive Pholiota  
Saprobic on hardwoods. Vouchers are needed from Norfolk County.

BRAN ✓  
NORF  
WATE ✓

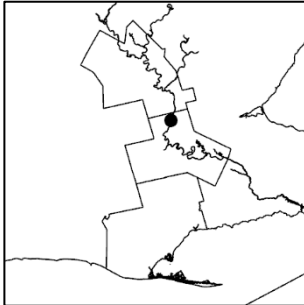


*Hemistropharia albocrenulata* (Peck) Jacobsson & E. Larss.  
Saprobic on hardwoods.

BRAN ✓  
NORF ✓  
WATE ✓

INOCYBACEAE – Fibrecap Family

Identification of species in this family is extremely challenging, requiring careful microscopy, and the majority of records of *Inocybe* from the study area have not been identified to species. Many species are ectomycorrhizal, including some species associated with willows in exposed sandy habitats (Knudson and Vesterholt 2008).



*Inocybe* “*sp-IN53*” S.D. Russell crypt. temp.

The Brant County voucher (WDV 693 at UWO) was growing in sandy soil in mixed pine-oak forest.

BRAN ✓

NORF

WATE



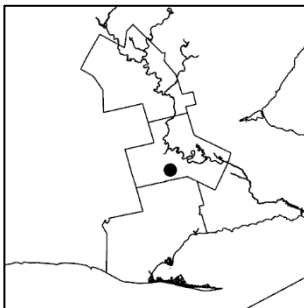
*Inocybe cincinnata* (Fr.) Quél. – Collared Fibrecap

Known only from DNA sequences obtained from soil samples collected at two different sites in Norfolk County in 2017.

BRAN

NORF ✓

WATE



*Inocybe dunensis* P.D. Orton – Dune Fibrecap

The Brant County voucher (WDV 360 at UWO, BOLD CCDB-42548-F7) was growing in a sand barren.

BRAN ✓

NORF

WATE

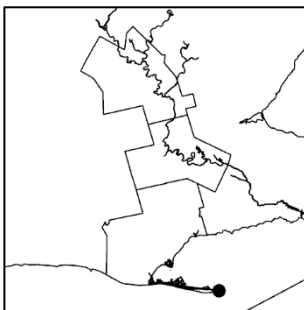
**OCCURRENCE MAP  
NOT YET AVAILABLE**

*Inocybe geophylla* (Bull.) P. Kumm. – White Fibrecap

BRAN ✓ (historical)

NORF

WATE



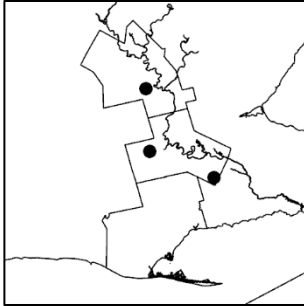
*Inocybe lacera* (Fr.) P. Kumm. – Torn Fibrecap

The only record for the study area is a 2020 observation from the tip of Long Point in Norfolk County (iNaturalist 56877497).

BRAN

NORF ✓

WATE



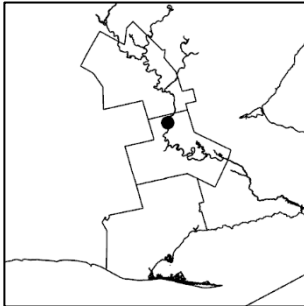
(R) *Inocybe lilacina* (Peck) Kauffman – Lilac Fibrecap

Ectomycorrhizal with hardwood trees. Rare.

BRAN ✓

NORF

WATE ✓



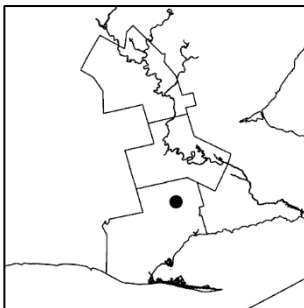
*Inocybe semifulva* Grund & D.E. Stuntz

The Brant County voucher (WDV 432 at UWO, BOLD CCDB-42548-G10) was growing abundantly in a sandy floodplain forest under *Acer nigrum*.

BRAN ✓

NORF

WATE



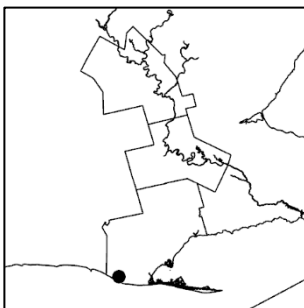
*Pseudosperma rimosum* (Bull.) Matheny & Esteve-Rav. – Split Fibrecap

The Norfolk County voucher (WDV 709) was growing on the bottom of a dry vernal pool under *Acer rubrum* (red maple).

BRAN

NORF ✓

WATE



*Pseudosperma umbrinellum* (Bres.) Matheny & Esteve-Rav.

The Norfolk County voucher (WDV 686 at UWO) was growing in moist organic soil in a birch-hemlock swamp.

BRAN

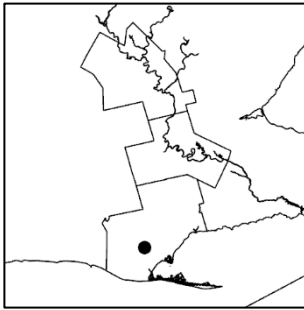
NORF ✓

WATE

---

LYCOPERDACEAE – Puffball Family: see AGARICACEAE

LYOPHYLLACEAE – Domecap Family

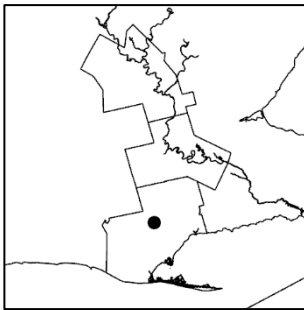


(R) *Asterophora lycoperdoides* (Bull.) Ditmar – Powder Cap  
Parasitizes fruiting bodies of the genus *Russula*. Rare; the only record for the study area is a 2024 observation from Norfolk County (iNaturalist 238847882).

BRAN

NORF ✓

WATE



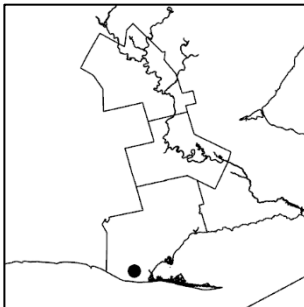
*Gerhardtia borealis* (Fr.) Contu & A. Ortega

Known from the study area only from DNA sequences obtained from soil samples collected in Norfolk County in 2017.

BRAN

NORF ✓

WATE



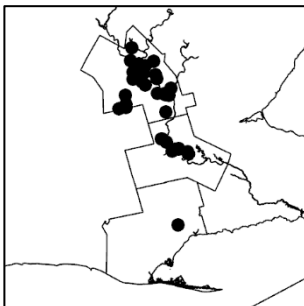
*Hypsizygus tessulatus* (Bull.) Singer – Beech Mushroom

The only record for the study area is a 2018 observation from Norfolk County (iNaturalist 238847882). Possibly overlooked due to confusion with *H. ulmarius*.

BRAN

NORF ✓

WATE



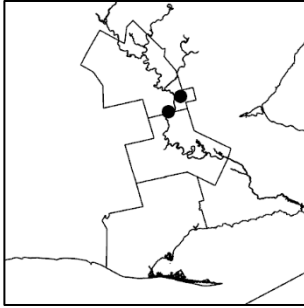
*Hypsizygus ulmarius* (Bull.) Redhead – Elm Mushroom

Saprobic on a variety of hardwoods, but most frequently on *Acer negundo* in the study area. Common.

BRAN ✓

NORF ✓

WATE ✓

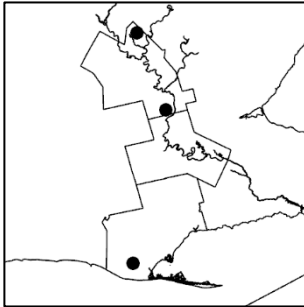


(R) *Sphagnurus paluster* (Peck) Redhead & V. Hofst. – Sphagnum Greyling  
Parasitizes *Sphagnum* mosses and thus restricted to wetlands where that genus occurs. Rare; known only from two wetlands in Waterloo Region.

BRAN  
NORF  
WATE ✓

---

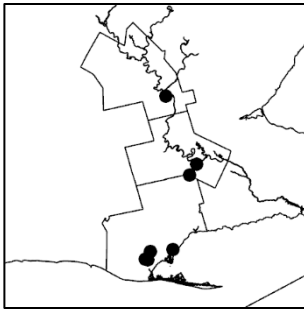
MARASMIACEAE – Parachute Family



*Crinipellis setipes* (Peck) Singer

Saprobic on hardwood leaves and fine woody debris. Vouchers are needed from Brant County.

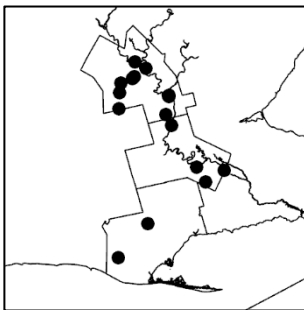
BRAN  
NORF ✓  
WATE ✓



*Marasmius capillaris* Morgan

Saprobic on hardwood leaves and fine woody debris.

BRAN ✓  
NORF ✓  
WATE ✓

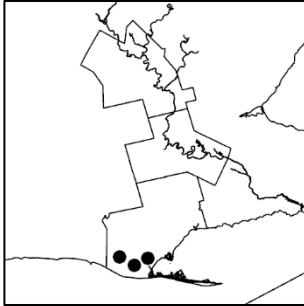


*Marasmius rotula* (Scop.) Fr. – Collared Parachute

Saprobic on hardwood logs and branches. Common.

BRAN ✓  
NORF ✓  
WATE ✓

---



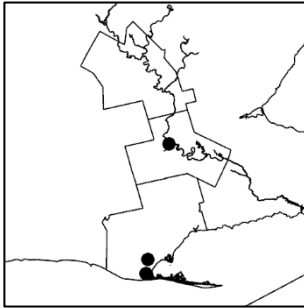
(R) *Marasmius siccus* (Schwein.) Fr. (= *M. fulvoferrugineus* Gilliam) – Orange Parachute

Saprobic on hardwood leaves and fine woody debris. Rare; known only from Norfolk County.

BRAN

NORF ✓

WATE



(R) *Tetrapyrgos nigripes* (Fr.) E. Horak – Black-stalked Pinwheel

Saprobic on hardwood logs and branches. Rare.

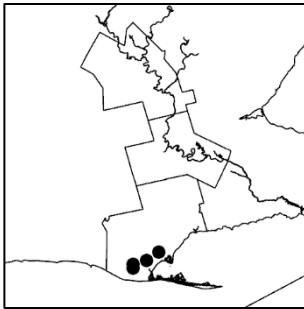
BRAN ✓

NORF ✓

WATE

---

MELANOLEUCACEAE – Cavalier Family



*Melanoleuca alboflavida* (Peck) Murrill – Yellowish-white Cavalier

Saprobic; grows on the ground in mesic hardwood forests.

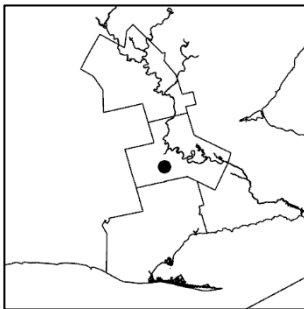
BRAN

NORF ✓

WATE

---

MYCENACEAE – Bonnet Family



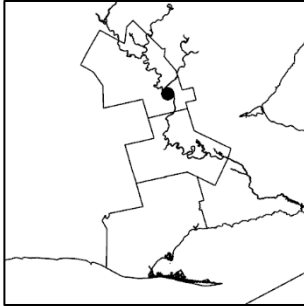
*Mycena* “IN27” S.D. Russell crypt. temp.

The Brant County voucher (WDV 578 at UWO) was growing on a rotten log of unknown identity.

BRAN ✓

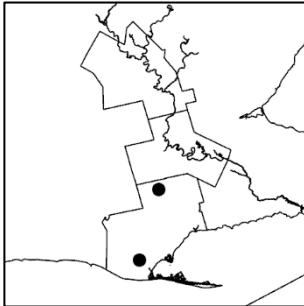
NORF

WATE



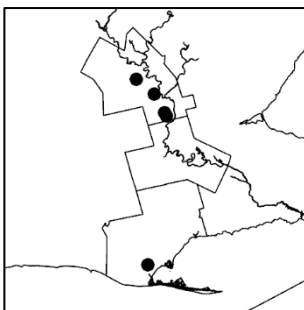
(R) *Mycena acicula* (Schaeff.) P. Kumm. – Slender Orange Bonnet  
The Waterloo Region voucher (WDV 608 at UWO) was growing on dead hardwood leaves in a mixed wood swamp. Rare.

BRAN  
NORF  
WATE ✓



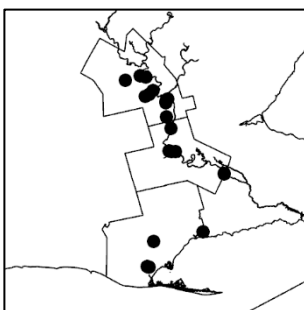
*Mycena epipterygia* (Scop.) Gray – Yellowleg Bonnet  
Saprobic on hardwood logs and stumps.

BRAN  
NORF ✓  
WATE



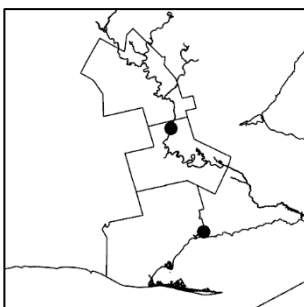
*Mycena galericulata* (Scop.) Gray – Common Bonnet  
Saprobic on all kinds of dead wood.

BRAN ✓ (historical)  
NORF ✓  
WATE ✓



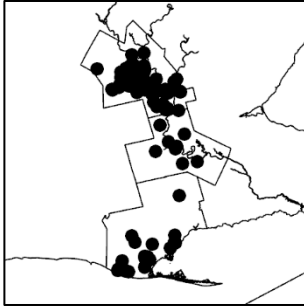
*Mycena haematopus* (Pers.) P. Kumm. – Bleeding Fairy Helmet  
Saprobic on all kinds of dead wood. Common.

BRAN ✓  
NORF ✓  
WATE ✓

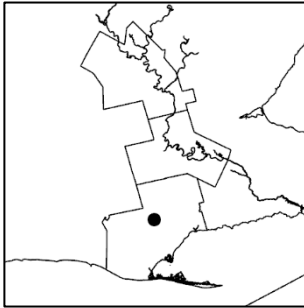


*Mycena inclinata* (Fr.) Quél. – Clustered Bonnet  
Saprobic on hardwood logs and stumps. Vouchers are needed from Waterloo Region; possibly overlooked due to confusion with other greyish species of *Mycena*.

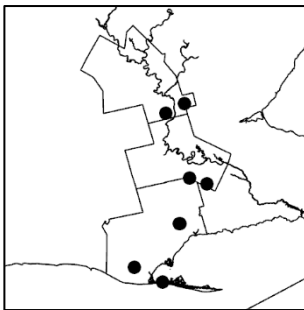
BRAN ✓  
NORF ✓  
WATE



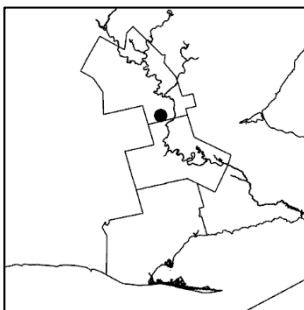
***Mycena leaiana*** (Berk.) Sacc. – Orange Bonnet  
 Saprobic on hardwood logs and stumps. Common.  
 BRAN ✓  
 NORF ✓  
 WATE ✓



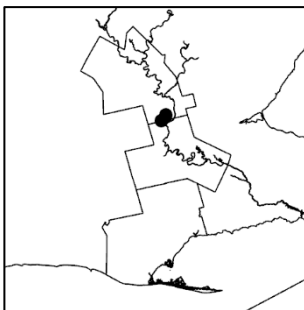
***Mycena leptocephala*** (Pers.) Gillet – Nitrous Bonnet  
 The only record for the study area is a DNA sequence obtained from a soil sample collected in Norfolk County in 2017 (UDB 5155381). Possibly overlooked due to confusion with other greyish species of *Mycena*.  
 BRAN  
 NORF ✓  
 WATE



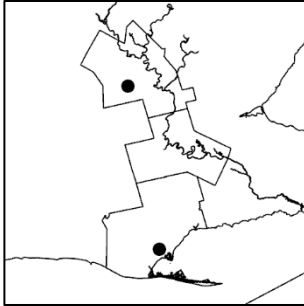
***Mycena meliigena*** (Berk. & Cooke) Sacc. (= *M. corticola* (Pers.) Grey) – Bark Bonnet  
 Occurs on the bark of living hardwood trees.  
 BRAN ✓  
 NORF ✓  
 WATE ✓



***Mycena murina*** (Murrill) Murrill  
 The Waterloo Region voucher (WDV 451 at UWO) was growing on the ground under eastern white pine (*Pinus strobus*).  
 BRAN  
 NORF  
 WATE ✓

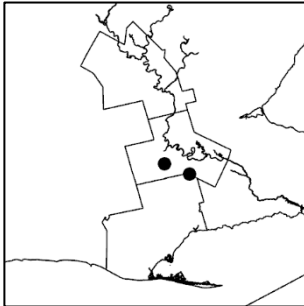


***Mycena overholtsii*** A.H. Sm. & Solheim – Overholts's Bonnet  
 Saprobic; on hardwood stumps and logs in the study area.  
 BRAN  
 NORF  
 WATE ✓



***Mycena pura*** (Pers.) P. Kumm. – Lilac Bonnet

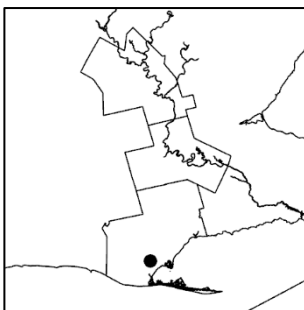
BRAN  
 NORF ✓  
 WATE ✓



***Mycena sanguinolenta*** (Alb. & Schwein.) P. Kumm. – Bleeding Bonnet

Saprobic on hardwood stumps, logs, and fine woody debris.

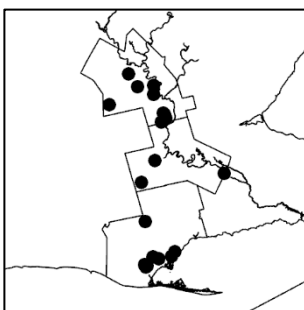
BRAN ✓  
 NORF  
 WATE



***Mycena stylobates*** (Pers.) P. Kumm. – Bulbous Bonnet

The only record for the study area is a 2014 collection from Norfolk County (MUOB 222138).

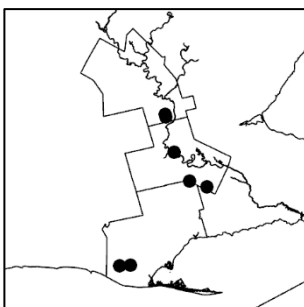
BRAN  
 NORF ✓  
 WATE



***Panellus stipticus*** (Bull.) P. Karst. – Luminescent Panellus

Saprobic on hardwood logs and stumps. Common.

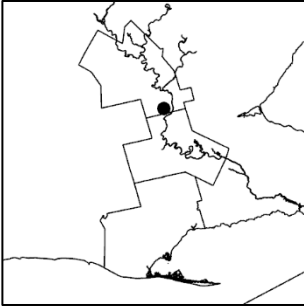
BRAN ✓  
 NORF ✓  
 WATE ✓



***Resinomyces rhododendri*** (Peck) Redhead & Singer

Saprobic; sometimes appearing terricolous when growing on buried wood.

BRAN ✓  
 NORF ✓  
 WATE ✓  
 Canada N3



(R) *Roridomyces roridus* (Fr.) Rexer – Dripping Bonnet

The Waterloo Region voucher (iNaturalist 173230419) was growing on a dead twig of unknown identity. Rare.

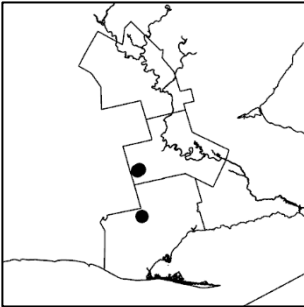
BRAN

NORF

WATE ✓

---

NIACEAE



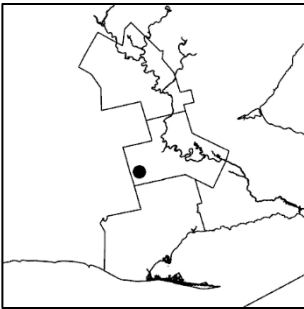
*Dendrothele acerina* (Pers.) P.E. Lemke

A crust on the bark of hardwood trees. Not documented since 1954 but probably overlooked.

BRAN ✓ (historical)

NORF ✓ (historical)

WATE



*Dendrothele alliacea* (Quéél.) P.A. Lemke

A crust on the bark of hardwood trees. Not documented since 1937 but probably overlooked.

BRAN ✓ (historical)

NORF

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

*Dendrothele americana* Nakasone

BRAN ✓ (historical)

NORF

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

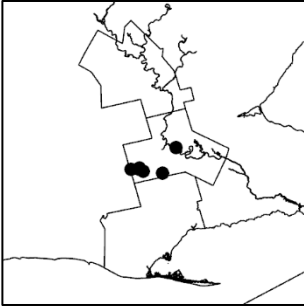
*Dendrothele candida* (Schwein.) P.A. Lemke

BRAN ✓ (historical)

NORF

WATE

---



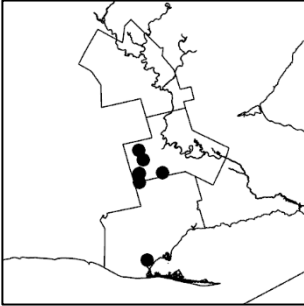
***Dendrothele griseocana*** (Bres.) Bourdot & Galzin

A crust on the bark of hardwood trees. Not documented since 1937, but probably overlooked.

BRAN ✓ (historical)

NORF

WATE



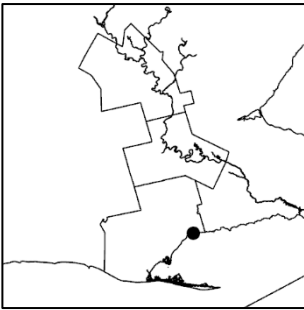
***Dendrothele microspora*** (H.S. Jacks. & P.A. Lemke) P.A. Lemke

A crust on the bark of hardwood trees. Not documented since 1989, but probably overlooked.

BRAN ✓ (historical)

NORF ✓ (historical)

WATE



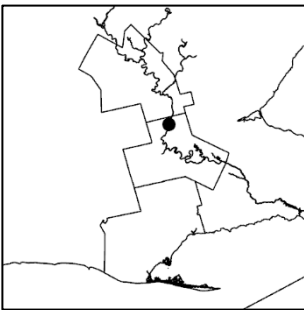
***Dendrothele nivosa*** (Berk. & M.A. Curtis ex Höhn. & Litsch.) P.A. Lemke

A crust on the bark of *Juniperus virginiana* (eastern juniper) and probably other species in the Cupressaceae (cypress family). Not documented since 1954 but probably overlooked.

BRAN

NORF ✓ (historical)

WATE



***Maireina maxima*** (Masse) W.B. Cooke

The Brant County voucher (WDV 764 at UWO) was growing on rotting wood in a dry vernal pool.

BRAN ✓

NORF

WATE

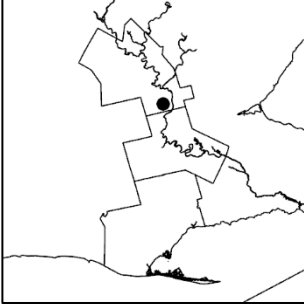
**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Merismodes anomala*** (Pers.) Singer

BRAN ✓ (historical)

NORF

WATE



***Merismodes fasciculata*** (Schwein.) Donk – Crowded Cuplet

The Waterloo Region voucher (WDV 458 at UWO) was growing on a fallen poplar branch.

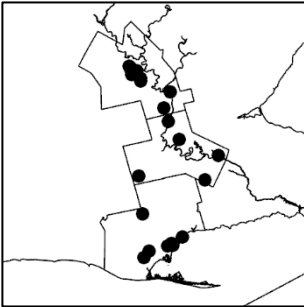
BRAN

NORF

WATE ✓

---

NIDULARIACEAE – Bird’s-nest Fungus Family



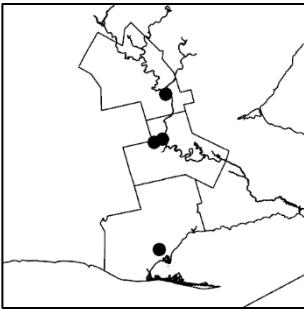
***Crucibulum laeve*** (Huds.) Kambly – Common Bird’s Nest Fungus

Saprobic on all kinds of dead wood. Sometimes on branches of live trees and even on grapevines. Common.

BRAN ✓

NORF ✓

WATE ✓



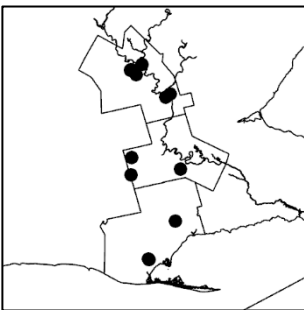
***Cyathus olla*** (Batsch) Pers. – Field Bird’s Nest Fungus

Occurs on dead wood, herbaceous debris, and herbivore dung.

BRAN ✓

NORF ✓

WATE ✓



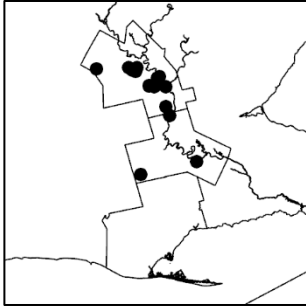
***Cyathus stercoreus*** (Schwein.) De Toni (= *C. rugispermus*) – Dung-loving Bird’s Nest Fungus

Occurs on dead wood, herbaceous debris, and herbivore dung. Common.

BRAN ✓

NORF ✓

WATE ✓

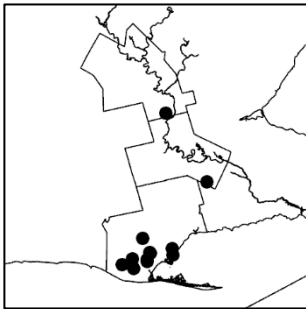


***Cyathus striatus*** (Huds.) Willd. – Fluted Bird’s Nest Fungus  
Occurs on dead wood, herbaceous debris, and herbivore dung. Common, but vouchers are needed from Norfolk County.

BRAN ✓  
NORF  
WATE ✓

---

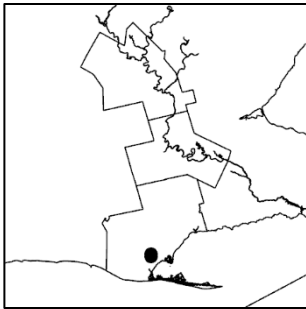
OMPHALINACEAE



***Infundibulicybe gibba*** (Pers.) Harmaja – Common Funnel  
Saprobic; sometimes appearing terricolous where growing on buried wood or decomposing deep leaf litter. Common.

Occurs on dead wood, herbaceous debris, and herbivore dung.

BRAN ✓  
NORF ✓  
WATE ✓

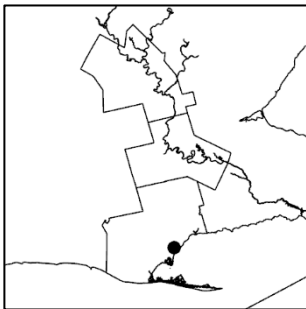


(R) ***Omphalina pyxidata*** (Bull.) Qué1. – Cinnamon Navel  
Known in the study area only from DNA sequences obtained from soil samples collected in Norfolk County.

BRAN  
NORF ✓  
WATE

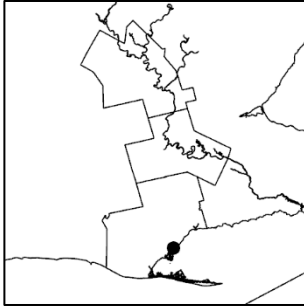
---

OMPHALOTACEAE



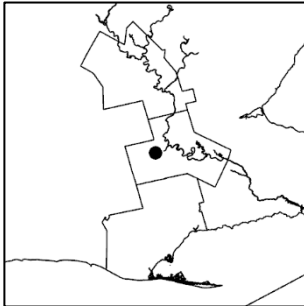
***Collybiopsis confluens*** (Pers.) R.H. Petersen – Clustered Toughshank  
The Norfolk County voucher (iNaturalist 239472798) was growing on a variety of hardwood leaves.

BRAN  
NORF ✓  
WATE



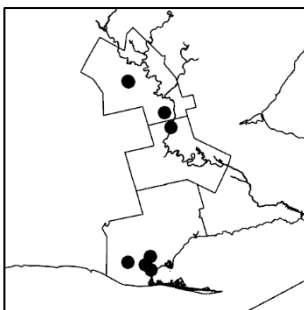
***Collybiopsis quercophila*** (Pouzar) R.H. Petersen – Oak Leaf Pinwheel  
The only record in the study area is a 2018 observation from Turkey Point (iNaturalist 16391554).

BRAN  
NORF ✓  
WATE



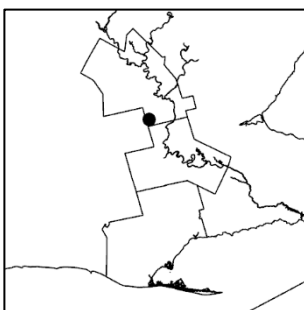
***Collybiopsis subnuda*** (Ellis ex Peck) R.H. Petersen  
The Brant County voucher (iNaturalist 230649051) was growing on dead wood in a mixed pine-hardwood forest.

BRAN ✓  
NORF  
WATE



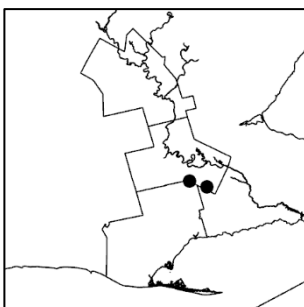
***Gymnopus dryophilus*** (Bull.) Murrill  
Saprobic on all kinds of hardwood debris.

BRAN ✓  
NORF ✓  
WATE ✓



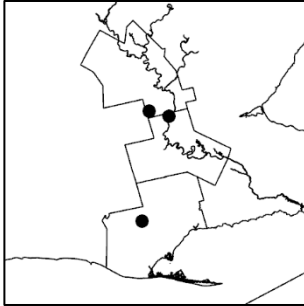
(R) ***Gymnopus foetidus*** (Sowerby) P.M. Kirk  
The Waterloo Region voucher (WDV 276 at UWO) was growing on dead wood in a mixed hemlock-cedar-birch swamp. Rare.

BRAN  
NORF  
WATE ✓



***Gymnopus semihirtipes*** (Peck) Halling  
Saprobic on dead wood and leaves of hardwoods.

BRAN ✓  
NORF  
WATE



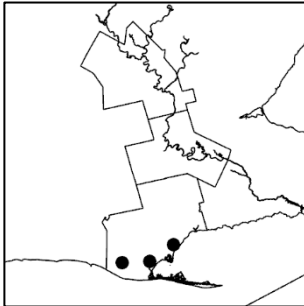
***Gymnopus subsulphureus*** (Peck) Murrill

Saprobic on all kinds of woody debris.

BRAN ✓

NORF ✓

WATE ✓



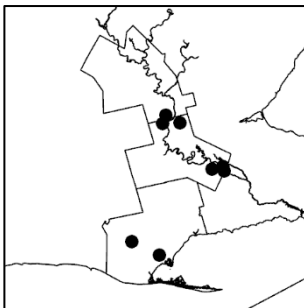
(R) ***Mycetinis scorodonius*** (Fr.) A.W. Wilson & Desjardin – Vampire’s Bane

Saprobic on hardwood leaves and wood, sometimes growing directly on bark of living hardwood trees. Rare.

BRAN

NORF ✓

WATE



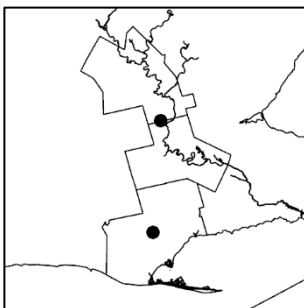
***Omphalotus illudens*** (Schwein.) Bresinsky & Besl – Eastern American Jack-o'-lantern

Saprobic and possibly parasitic on hardwoods.

BRAN ✓

NORF ✓

WATE ✓



(R) ***Rhodocollybia asema*** (Fr.) Bendiksen & Dima – Buttery Collybia

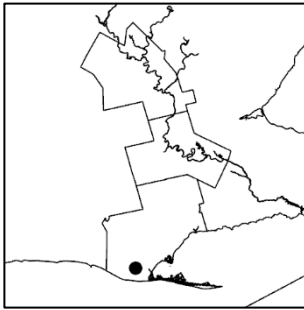
Saprobic on conifer wood, needles, and other debris; both vouchers from the study area were growing on *Pinus strobus* debris. Rare.

BRAN

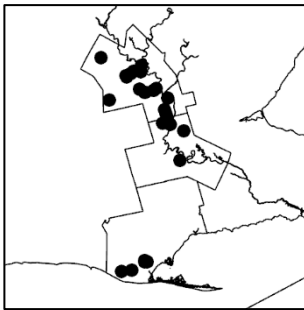
NORF ✓

WATE ✓

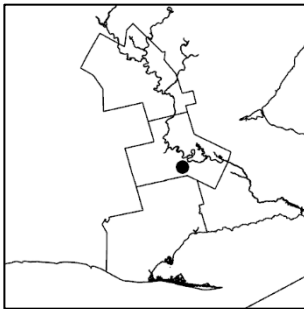
PHYLLOTOPSISIDACEAE – Stinking Orange Oyster Family



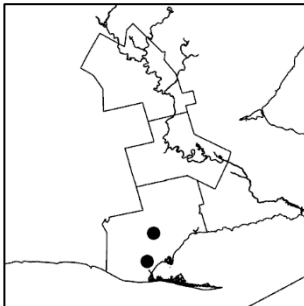
(R) *Macrotypophula fistulosa* (Holmsk.) R.H. Petersen – Pipe Club  
The only recent record for the study area is a 2018 observation from Norfolk County (iNaturalist 17946945). Rare.  
BRAN ✓ (historical)  
NORF ✓  
WATE



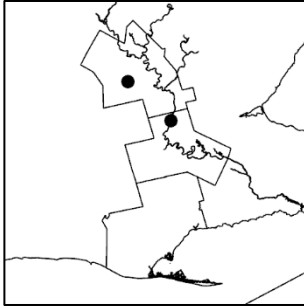
*Phyllostopsis nidulans* (Pers.) Singer – Stinking Orange Oyster  
Saprobic on all kinds of dead wood. Common.  
BRAN ✓  
NORF ✓  
WATE ✓



(R) *Pleurocybella porrigens* (Pers.) Singer – Angel Wings  
The only record for the study area is a 2020 observation from Brant County (iNaturalist 127657133). Rare.  
BRAN ✓  
NORF  
WATE



*Tricholomopsis decora* (Fr.) Singer – Decorated Mop  
Saprobic on hardwood stumps and logs.  
BRAN  
NORF ✓  
WATE



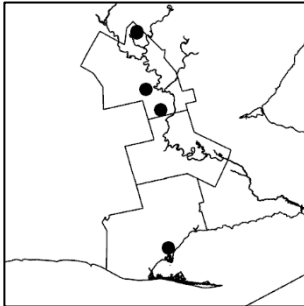
***Tricholomopsis flammula*** Métrod ex Holec

Saprobic on hardwood stumps and logs. Vouchers are needed from Norfolk County.

BRAN ✓

NORF

WATE ✓



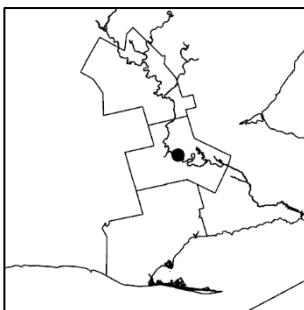
***Tricholomopsis rutilans*** (Schaeff.) Singer – Plums-and-custard

Saprobic on hardwood stumps and logs. Vouchers are needed from Brant County.

BRAN

NORF ✓

WATE ✓



***Typhula contorta*** (Holmsk.) Olariaga – Contorted Pipe Club

The only record for the study area is a 1932 collection from Brantford (TRTC 3878).

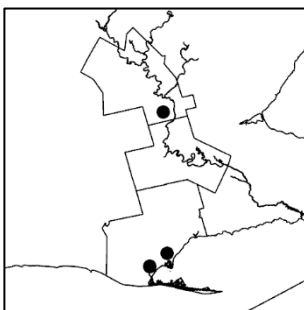
BRAN ✓ (rare)

NORF

WATE

---

PHYSALACRIACEAE – Bladder Stalk Family



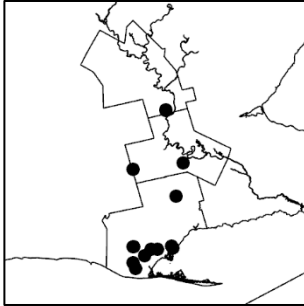
***Armillaria gallica*** Marxm. & Romagn. – Bulbous Honey Mushroom

Parasitic and saprobic on hardwood trees. Vouchers are needed from Brant County.

BRAN

NORF ✓

WATE ✓



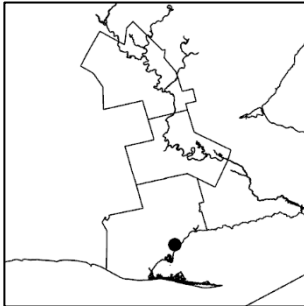
***Armillaria mellea* (Vahl) P. Kumm. – Honey Mushroom**

Parasitic and saprobic on hardwood trees.

BRAN ✓

NORF ✓

WATE ✓



***Armillaria solidipes* Peck**

Parasitic and saprobic on hardwood trees. Probably overlooked due to confusion with other species of *Armillaria*.

BRAN

NORF ✓

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Cryptomarasmius minutus* (Peck) T.S. Jenkinson & Desjardin**

BRAN ✓ (historical)

NORF

WATE

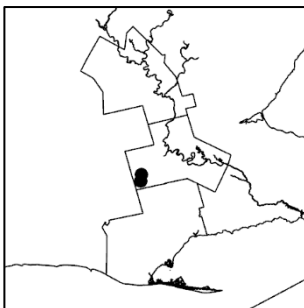
**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Cylindrobasidium evolvens* (Fr.) Jülich**

BRAN ✓ (historical)

NORF

WATE



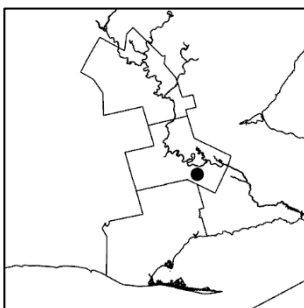
***Cylindrobasidium laeve* (Pers.) Chamuris – Tear Dropper**

Two vouchers from Brant County but not documented in the study area since 1943.

BRAN ✓ (historical)

NORF

WATE



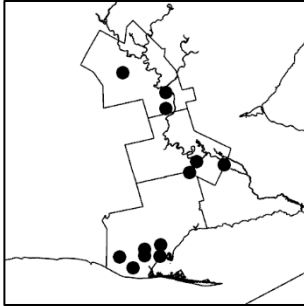
***Cylindrobasidium torrendii* (Bres.) Hjortstam**

The Brant County voucher was on a dead branch of *Rhamnus cathartica* (common buckthorn).

BRAN ✓

NORF

WATE



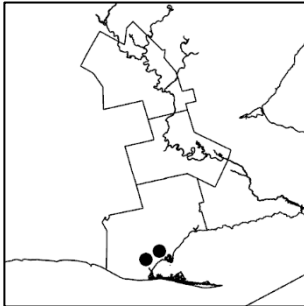
***Cyptotrama chrysopepla*** (Berk. & M.A. Curtis) Singer – Golden Coincap

Saprobic on hardwoods.

BRAN ✓

NORF ✓

WATE ✓



(R) ***Desarmillaria caespitosa*** (Berk.) Antonín, J.E. Stewart & Medel – Ringless

Honey Mushroom

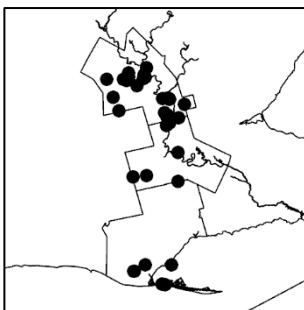
Saprobic on hardwoods; appearing terricolous where growing on buried wood.

Rare; verifiable records only from Norfolk County.

BRAN

NORF ✓

WATE



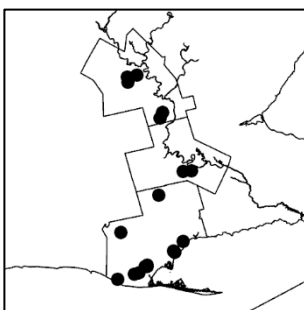
***Flammulina velutipes*** (Curtis) Singer – Velvet Foot

Saprobic on dead and dying hardwood trees, stumps, logs, etc. Common.

BRAN ✓

NORF ✓

WATE ✓



***Oudemansiella furfuracea*** (Peck) Zhu L. Yang, G.M. Muell., G. Kost & Rexer –

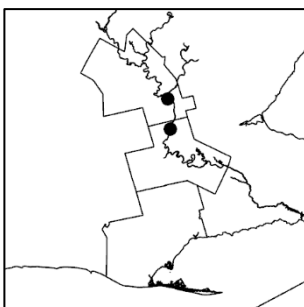
Beech Rooter

Saprobic and possibly parasitic on hardwoods, especially beech. Common.

BRAN ✓

NORF ✓

WATE ✓



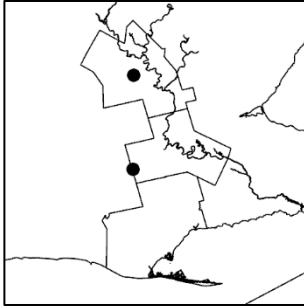
***Oudemansiella limonispora*** (R.H. Petersen) Zhu L. Yang, G.M. Muell., G. Kost & Rexer

Saprobic on hardwoods. Vouchers are needed from Norfolk County.

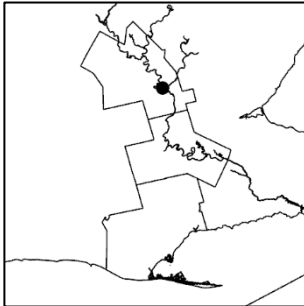
BRAN ✓

NORF

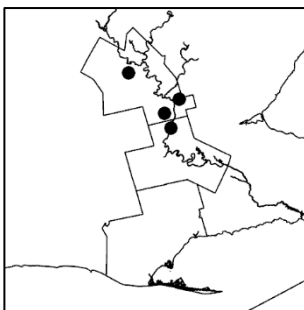
WATE ✓



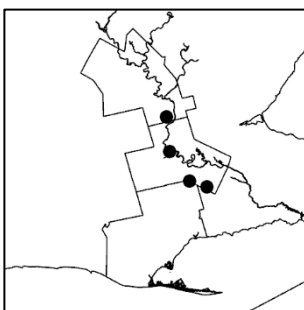
***Oudemansiella megalospora*** (Clem.) Zhu L. Yang, G.M. Muell., G. Kost & Rexer – Lesser Rooting Xerula  
 Saprobic on dead hardwood.  
 BRAN ✓  
 NORF  
 WATE ✓



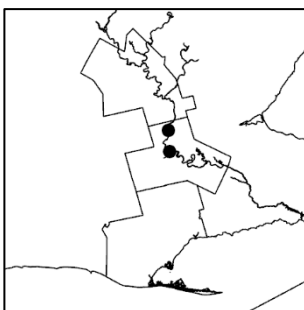
***Oudemansiella radicata*** (Relhan) Singer – Rooting Shank  
 The only record for the study area is a 2023 observation from Waterloo Region (iNaturalist 170943259).  
 BRAN  
 NORF  
 WATE ✓



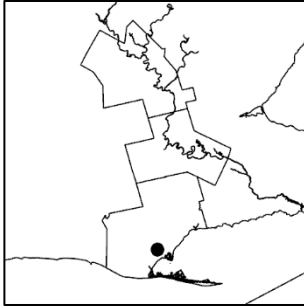
***Physalacria inflata*** (Fr.) Peck – Bladder Stalk  
 Saprobic on dead hardwood logs and stumps. Vouchers are needed from Norfolk County.  
 BRAN ✓  
 NORF  
 WATE ✓



***Rhizomarasmius pyrrhocephalus*** (Berk.) R.H. Petersen – Hairy Long-stemmed Parachute  
 Saprobic on all kinds of woody debris. Vouchers are needed from Norfolk County.  
 BRAN ✓  
 NORF  
 WATE ✓  
 Canada N3

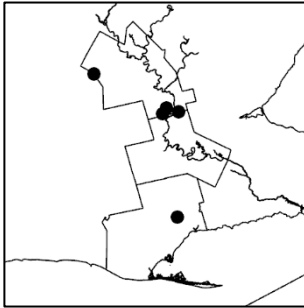


(R) ***Rhodotus palmatus*** (Bull.) Maire – Wrinkled Peach  
 Saprobic on hardwood logs and stumps. Rare.  
 BRAN ✓  
 NORF  
 WATE ✓ (historical)  
 IUCN: Near Threatened



(R) *Strobilurus conigenoides* (Ellis) Singer – Magnolia Cone Mushroom  
Occurs only on cones of cucumber magnolia (*Magnolia acuminata*), an endangered tree species in Canada. First discovered in 2023 as part of this inventory project (WDV 468, 756 at UWO) and still known only from that location. Rare.

BRAN  
NORF ✓  
WATE

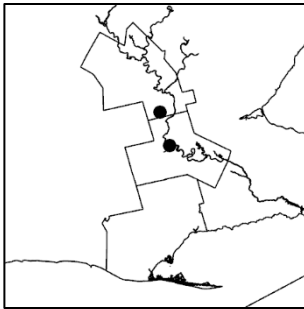


\**Strobilurus esculentus* (Wulfen) Singer – Spruce Cone Mushroom  
Occurs only on cones of Norway spruce (*Picea abies*), an introduced species in Canada.

BRAN ✓  
NORF ✓  
WATE ✓

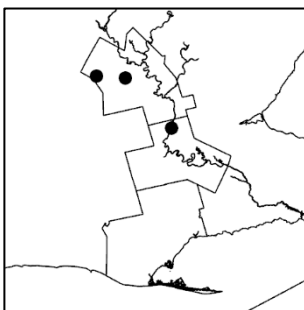
---

PLEUROTACEAE – Oyster Mushroom Family



*Hohenbuehelia angustata* (Berk.) Singer  
Saprobic on hardwoods. Vouchers are needed from Norfolk County.

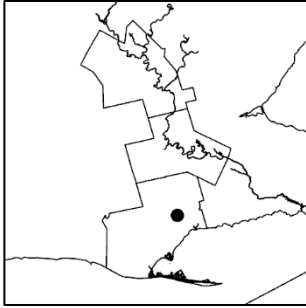
BRAN ✓  
NORF  
WATE ✓



*Hohenbuehelia petaloides* (Bull.) Schulzer – Shoehorn Oyster  
Saprobic on hardwoods. Vouchers are needed from Norfolk County.

BRAN ✓  
NORF  
WATE ✓

---



**\**Pleurotus citrinopileatus*** Singer – Golden Oyster

Saprobic on dead hardwoods. A rare escape from cultivation in the study area, but becoming widespread elsewhere in North America (Bruce 2018).

BRAN

NORF ✓

WATE



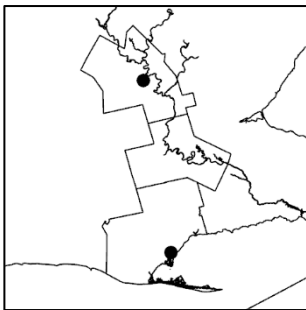
**(R) *Pleurotus dryinus*** (Pers.) P. Kumm. – Veiled Oyster

The only record for the study area is a 2020 observation from Norfolk County (iNaturalist 62937768). Rare.

BRAN

NORF ✓

WATE



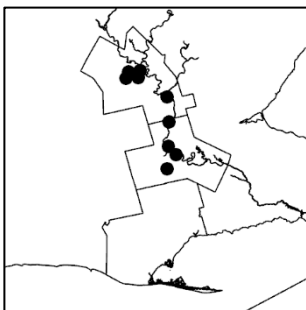
***Pleurotus levis*** (Berk. & M.A. Curtis) Singer – Lynx Paw Oyster

Saprobic on hardwoods. Vouchers are needed from Brant County.

BRAN ✓

NORF ✓

WATE ✓



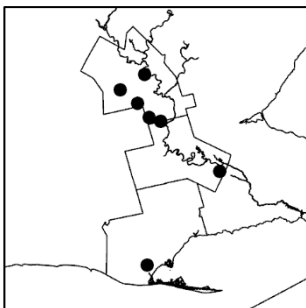
***Pleurotus ostreatus*** (Jacq.) P. Kumm. – Oyster Mushroom

Saprobic on dead hardwoods. Vouchers are needed from Norfolk County.

BRAN ✓

NORF

WATE ✓



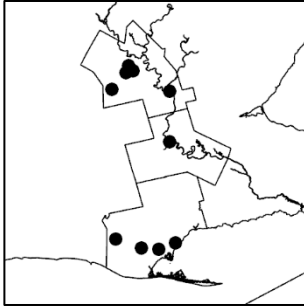
***Pleurotus populinus*** O. Hilber & O.K. Mill. – Aspen Oyster

Saprobic on species of *Populus* and sometimes other hardwoods.

BRAN ✓

NORF ✓

WATE ✓



***Pleurotus pulmonarius*** (Fr.) Quél. – Summer Oyster

Saprobic on hardwoods.

BRAN ✓

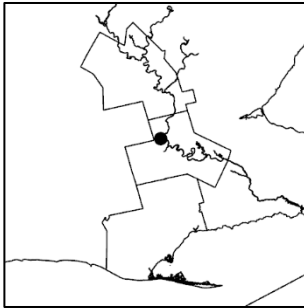
NORF ✓

WATE ✓

---

PLUTEACEAE – Deer Mushroom Family

Species of *Pluteus* are saprobic on a wide variety of wood, sometimes appearing terricolous where growing from buried wood.



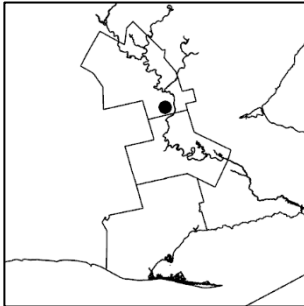
***Pluteus* “sp-IN04”** S.D. Russell crypt. temp.

The Brant County voucher (WDV 597 at UWO) was growing on buried wood in marl deposits on a steep valley slope.

BRAN ✓

NORF

WATE



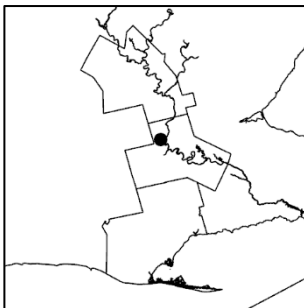
***Pluteus* “sp-IN09”** S.D. Russell crypt. temp.

The Waterloo Region voucher (WDV 584 at UWO) was growing on a dead *Populus grandidentata* (bigtooth aspen) log.

BRAN

NORF

WATE ✓



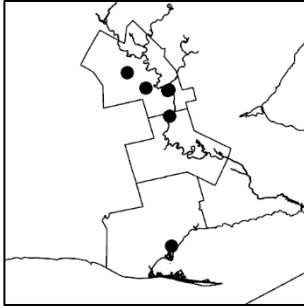
***Pluteus americanus*** (P. Banerjee & Sundb.) Justo, E.F. Malysheva & Minnis – American Deer Mushroom

The Brant County voucher (WDV 595 at UWO) was growing on a dead hardwood log.

BRAN ✓

NORF

WATE

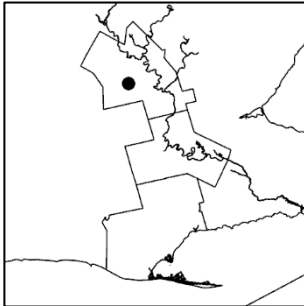


***Pluteus cervinus*** (Schaeff.) P. Kumm. – Deer Mushroom

BRAN ✓

NORF ✓

WATE ✓



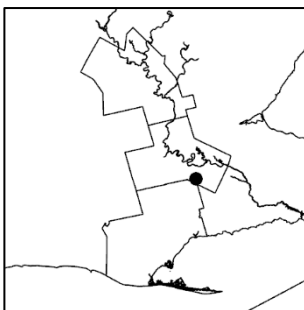
(R) ***Pluteus chrysophlebius*** (Berk. & M.A. Curtis) Sacc. – Yellow Deer Mushroom

The only record for the study area is a 2024 observation from Waterloo Region (iNaturalist 245320700). Rare.

BRAN

NORF

WATE ✓



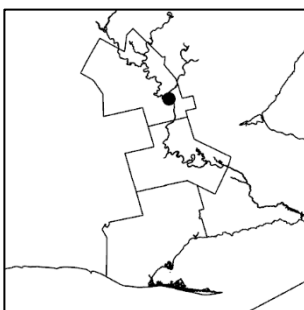
(R) ***Pluteus fibrillosus*** Murrill

The Brant County voucher (WDV 581 at UWO) was growing on a dead white pine log. Rare.

BRAN ✓

NORF

WATE



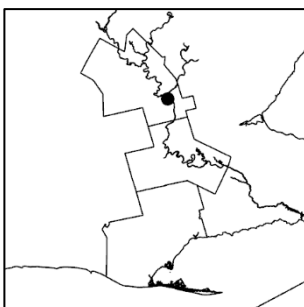
***Pluteus hongoi*** Singer

Vouchers are needed from Brant County.

BRAN

NORF

WATE ✓



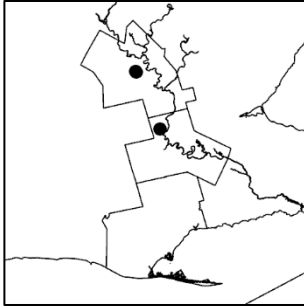
***Pluteus longistriatus*** (Peck) Peck – Pleated Shield

Known in the study area only from DNA sequences obtained from soil samples collected in Waterloo Region in 2015.

BRAN

NORF

WATE ✓



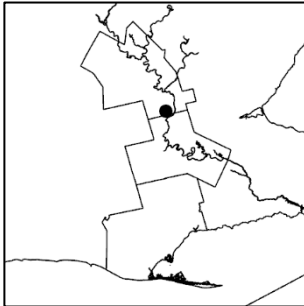
***Pluteus petasatus* (Fr.) Gillet – Scaly Shield**

Vouchers are needed from Norfolk County.

BRAN ✓

NORF

WATE ✓



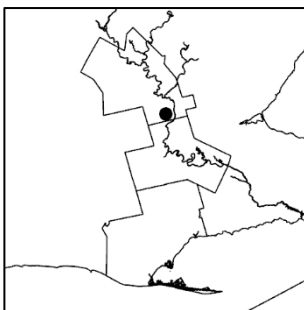
***Pluteus romellii* (Britzelm.) Lapl. – Goldleaf Shield**

The only record for the study area is a 2019 observation from Waterloo Region (iNaturalist 28829040).

BRAN

NORF

WATE ✓



***Pluteus thomsonii* (Berk. & Broome) Dennis – Veined Shield**

The Waterloo Region voucher was growing on a variety of hardwood logs.

BRAN

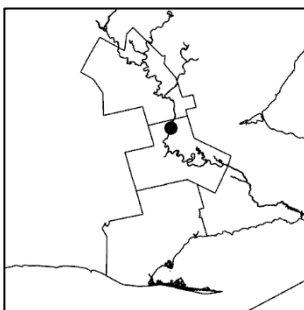
NORF

WATE ✓

Canada N3N4

---

POROTHELIACEAE



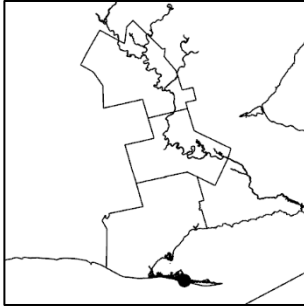
***Clitocybula "lacerata-IN01"* S.D. Russell crypt. temp.**

The Brant County voucher (WDV 335 at UWO, BOLD CCDB-42548-C3) was growing in a deep bed of pine needles, possibly on buried wood.

BRAN ✓

NORF

WATE



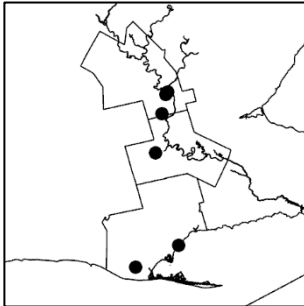
***Clitocybula familia*** (Peck) Singer

The only record for the study area is a 1936 collection from Long Point (FLAS 32851).

BRAN

NORF ✓ (historical)

WATE



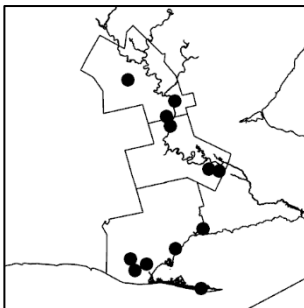
***Clitocybula oculus*** (Peck) Singer

Saprobic on dead hardwood.

BRAN ✓

NORF ✓

WATE ✓



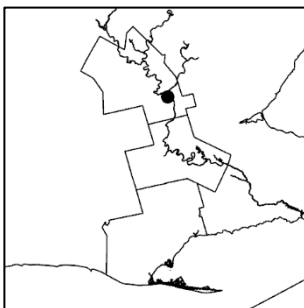
***Megacollybia rodmanii*** R.H. Petersen, K.W. Hughes & Lickey – Eastern American Platterful Mushroom

Saprobic on all kinds of dead wood. Common.

BRAN ✓

NORF ✓

WATE ✓



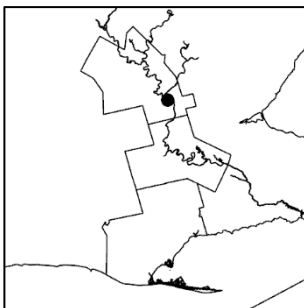
***Phloeomana minutula*** (Sacc.) Redhead – Rancid Bonnet

Known in the study area only from DNA sequences obtained from soil samples collected in Waterloo Region in 2015.

BRAN

NORF

WATE ✓



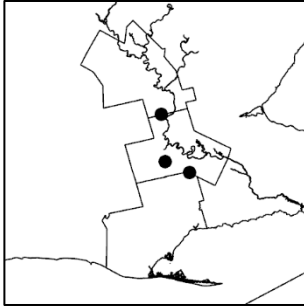
***Phloeomana speirea*** (Fr.) Redhead

The Waterloo Region voucher (WDV 649 at UWO) was growing on a heavily decayed stump in a mixed wood swamp.

BRAN

NORF

WATE ✓



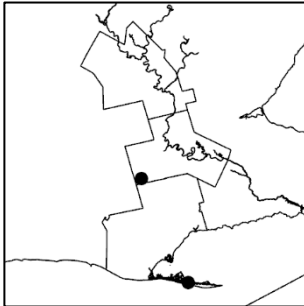
***Porotheleum fimbriatum*** (Pers.) Fr.

Saprobic; forms a poroid crust on heavily decayed wood. Vouchers are needed from Norfolk County.

BRAN ✓

NORF

WATE ✓



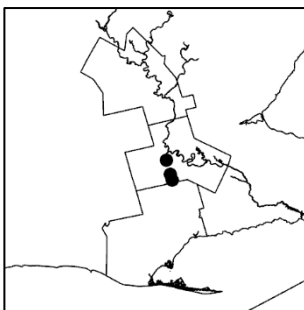
***Rectipilus davidii*** (D.A. Reid) Agerer

Two records from Brant County but not documented in the study area since 1936.

BRAN ✓ (historical)

NORF

WATE



***Rectipilus fasciculatus*** (Pers.) Agerer

Three records from Brant County, but not documented in the study area since 1939.

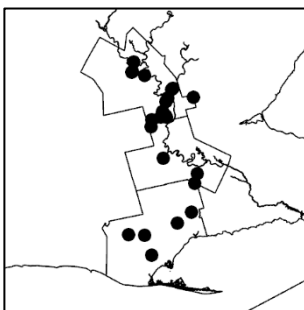
BRAN ✓ (historical)

NORF

WATE

---

PSATHYRELLACEAE – Brittlestem Family

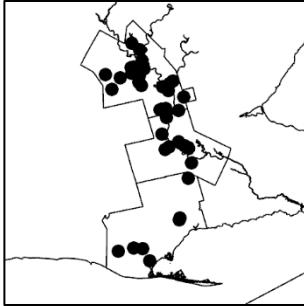


***Candolleomyces candolleanus*** (Fr.) D. Wächt. & A. Melzer – Pale Brittlestem  
Saprobic; occurs on rotting wood, in lawns, on the ground in forested and open habitats. Common.

BRAN ✓

NORF ✓

WATE ✓



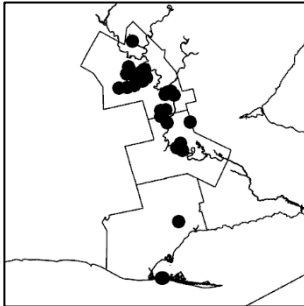
***Coprinellus disseminatus*** (Pers.) J.E. Lange – Trooping Crumble Cap

Saprobic on all kinds of dead wood. Common.

BRAN ✓

NORF ✓

WATE ✓



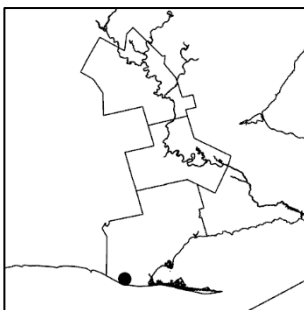
***Coprinellus micaceus*** (Bull.) Vilgalys, Hoppole & Jacq. – Mica Cap

Saprobic; occurs on dead wood, in lawns, on the ground in forested and open habitats. Common.

BRAN ✓

NORF ✓

WATE ✓



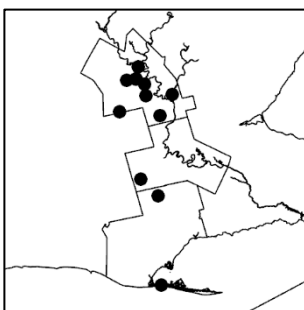
***Coprinopsis acuminata*** (Romagn.) Redhead, Vilgalys & Moncalvo – Humpback Inky Cap

The only record for the study area is a 2021 observation from Norfolk County (iNaturalist 99502000). Possibly overlooked due to confusion with *C. atramentaria*.

BRAN

NORF ✓

WATE



***Coprinopsis atramentaria*** (Bull.) Redhead, Vilgalys & Moncalvo – Common Inky Cap

Saprobic; on dead wood and on the ground in various habitats. Common.

BRAN ✓

NORF ✓

WATE ✓

**OCCURRENCE MAP  
NOT YET AVAILABLE**

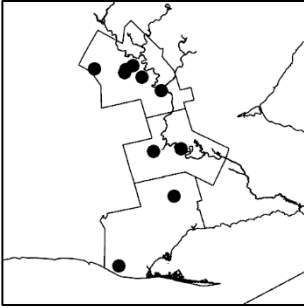
***Coprinopsis depressiceps*** (Bogart) Redhead, Vilgalys & Moncalvo

A recent addition to the checklist based on a specimen collected in a pine plantation in Norfolk County in 2023 (WDV 485 at UWO). Differs from the very common *C. atramentaria* by its depressed apex at maturity and flattened spores.

BRAN

NORF ✓

WATE



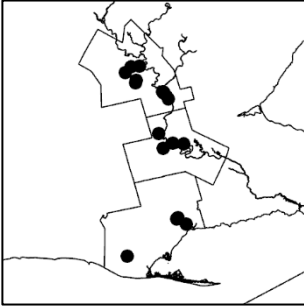
***Coprinopsis lagopus*** (Fr.) Redhead, Vilgalys & Moncalvo – Hare’s Foot Inky Cap

Saprobic; on dead wood and on the ground in various habitats.

BRAN ✓

NORF ✓

WATE ✓



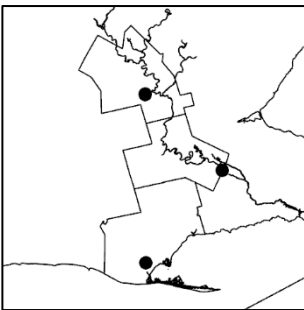
***Coprinopsis variegata*** (Peck) Redhead, Vilgalys & Moncalvo – Scaly Inky Cap

Saprobic; on dead wood and on the ground in various habitats. Common.

BRAN ✓

NORF ✓

WATE ✓



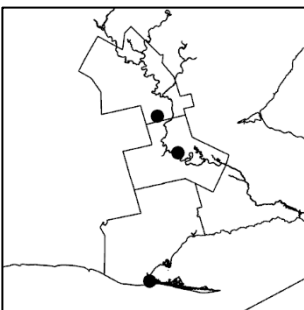
***Lacrymaria lacrymabunda*** (Bull.) Pat. – Weeping Widow

Saprobic, but usually appearing terricolous.

BRAN ✓

NORF ✓

WATE ✓



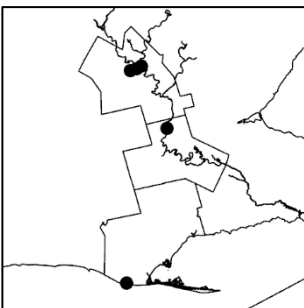
***Parasola auricoma*** (Pat.) Redhead, Vilgalys & Hopple – Golden-haired Inky Cap

Saprobic, but usually appearing terricolous.

BRAN ✓

NORF ✓

WATE ✓



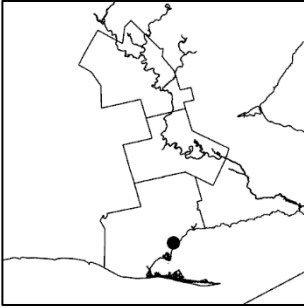
***Parasola plicatilis*** (Curtis) Redhead, Vilgalys & Hopple – Pleated Inky Cap

Saprobic, but usually appearing terricolous.

BRAN ✓

NORF ✓

WATE ✓



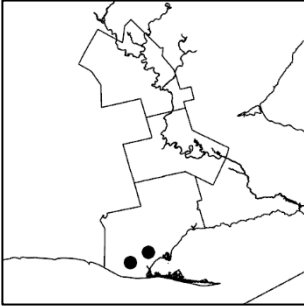
***Psathyrella* "sp-IN01"** S.D. Russell crypt. temp.

The Norfolk County voucher (WDV 459 at UWO, BOLD CCDB-42548-A2) was collected from heavily decayed wood in a hemlock-birch swamp where it was abundant.

BRAN

NORF ✓

WATE

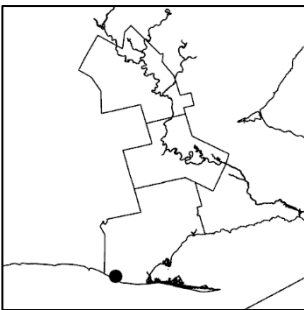


(R) ***Psathyrella ammophila*** (Durieu & Lév.) P.D. Orton – Beach Brittlestem  
Saprobic on the roots of grasses (Poaceae) in exposed sandy habitats. Rare.

BRAN

NORF ✓

WATE



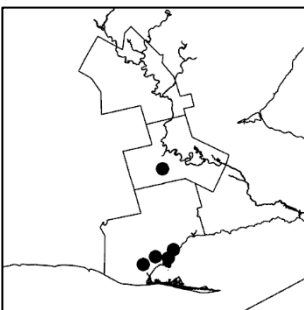
***Psathyrella inflatocystis*** A.H. Sm.

The Norfolk County voucher (WDV 580 at UWO) was growing in sandy ground in mature maple-beech forest.

BRAN

NORF ✓

WATE



***Typhrasa gossypina*** (Bull.) Örstadius & E. Larss. – Wrinkled Brittlestem

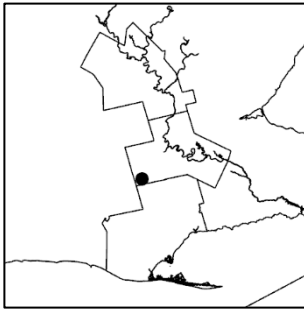
Saprobic on hardwood logs and stumps.

BRAN ✓

NORF ✓

WATE

RADULOMYCETACEAE



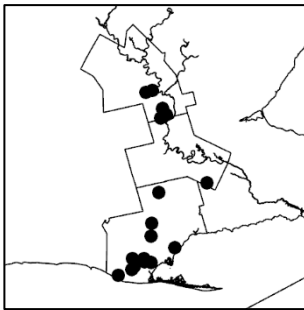
***Radulomyces confluens*** (Fr.) M.P. Christ.

The only record for the study area is a 1938 collection from Brant County (MSC 222609).

BRAN ✓ (historical)

NORF

WATE



\****Radulomyces copelandii*** (Pat.) Hjortstam & Spooner – Asian Beauty  
Saprobic on hardwood, especially *Quercus* and *Carpinus caroliniana*. Introduced from Asia and rapidly spreading throughout eastern North America. Common.

BRAN ✓

NORF ✓

WATE ✓

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Radulomyces molaris*** (Chaillet ex Fr.) M.P. Christ.

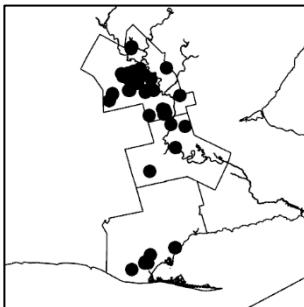
BRAN ✓ (historical)

NORF

WATE

---

SARCOMYXACEAE – Fall Oyster Family



***Sarcomyxa serotina*** (Pers.) V. Papp – Fall Oyster

Saprobic on all kinds of wood on both living and dead trees. Common.

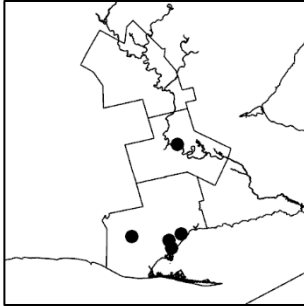
BRAN ✓

NORF ✓

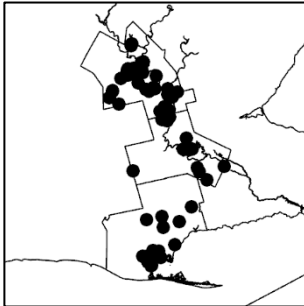
WATE ✓

---

SCHIZOPHYLLACEAE – Splitgill Family

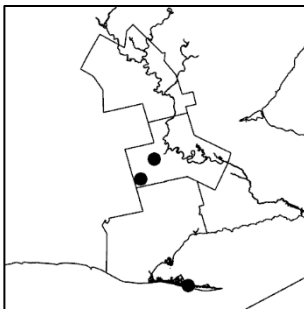


***Fistulina americana*** Y.C. Dai, D.W. Li & Meng Zhou – American Beefsteak  
 Polypore  
 Saprobic and possibly parasitic on oaks. Rare.  
 BRAN ✓  
 NORF ✓  
 WATE



***Schizophyllum commune*** Fr. – Common Splitgill  
 Saprobic on all kinds of wood. Common.  
 BRAN ✓  
 NORF ✓  
 WATE ✓

STEPHANOSPORACEAE



***Cristinia helvetica*** (Pers.) Parmasto  
 Saprobic; forms a toothed crust on heavily decayed logs.  
 BRAN ✓  
 NORF ✓  
 WATE

**OCCURRENCE MAP  
 NOT YET AVAILABLE**

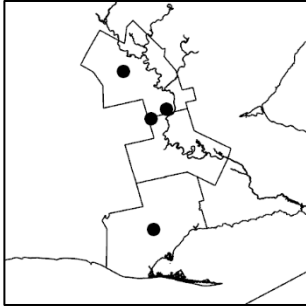
***Lindtneria chordulata*** (D.P. Rogers) Hjortstam  
 BRAN ✓ (historical)  
 NORF  
 WATE

**OCCURRENCE MAP  
 NOT YET AVAILABLE**

***Lindtneria flava*** Parmasto  
 BRAN ✓ (historical)  
 NORF  
 WATE

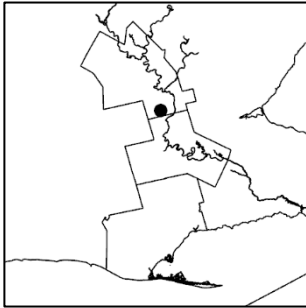
STROPHARIACEAE – Roundhead Family

Species of *Hypholoma*, *Pholiota*, and *Stropharia* are saprobic on various kinds of wood; sometimes appearing terricolous.



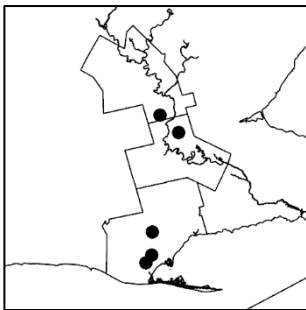
***Hypholoma capnoides*** (Fr.) P. Kumm. – Smoky-gilled Hypholoma

BRAN ✓  
NORF ✓  
WATE ✓



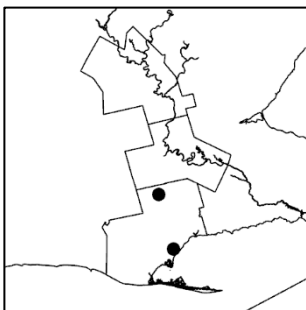
(R) ***Hypholoma fasciculare*** (Huds.) P. Kumm. – Sulphur Tuft

The only record for the study area is a 2018 observation from Waterloo Region (iNaturalist 17919294). Rare. Other specimens identified as this species are actually *H. subviride*, which is very similar but more southern in distribution.



***Hypholoma lateritium*** (Schaeff.) P. Kumm. – Brick Cap

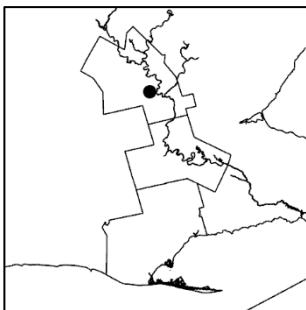
BRAN ✓  
NORF ✓  
WATE ✓



(R) ***Hypholoma subviride*** (Berk. & M.A. Curtis) Dennis – Lesser Sulphur Tuft

Specimens collected in Norfolk County as part of this inventory (WDV 483 at UWO, BOLD CCDB-42548-H12) were the first verified records of this species in Canada. Rare. Very similar to *H. fasciculare*.

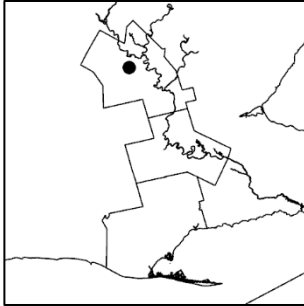
BRAN  
NORF ✓  
WATE



***Pholiota aurivella*** (Batsch) P. Kumm. – Golden Scalycap

Microscopy is required to distinguish this species from *P. limonella*.

BRAN  
NORF  
WATE ✓



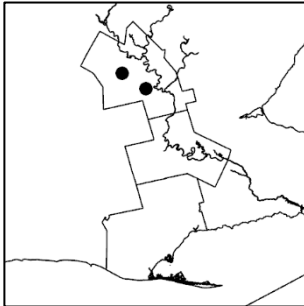
***Pholiota flammans*** (Batsch) P. Kumm. – Flaming Scalycap

The only record for the study area is a 2021 observation from Waterloo Region (iNaturalist 96335941).

BRAN

NORF

WATE ✓

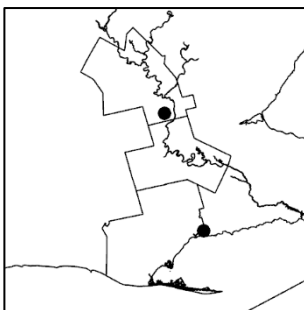


***Pholiota granulosa*** (Peck) A.H. Sm. & Hesler

BRAN

NORF

WATE ✓



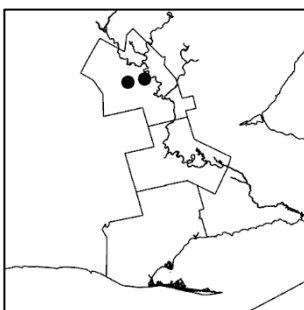
***Pholiota limonella*** (Peck) Sacc.

Microscopy is required to distinguish this species from *P. aurivella*.

BRAN

NORF ✓

WATE ✓



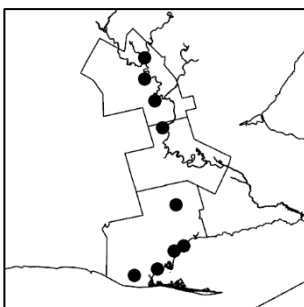
***Pholiota squarrosa*** (Vahl) P. Kumm. – Shaggy Scalycap

Very similar to *P. squarrosoides*.

BRAN

NORF

WATE ✓



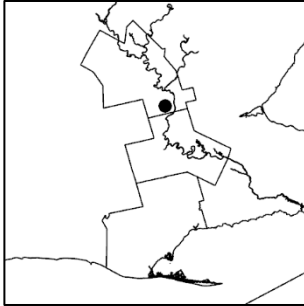
***Pholiota squarrosoides*** (Peck) Sacc. – Sharp Scalycap

Very similar to *P. squarrosa*.

BRAN ✓

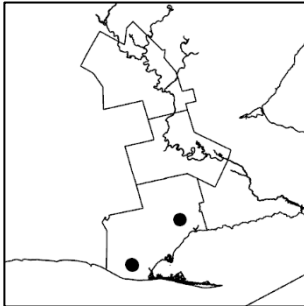
NORF ✓

WATE ✓



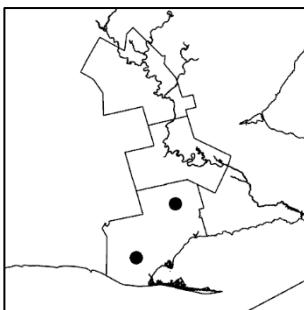
***Pleuroflammula "tuberculosa-01"*** S.D. Russell crypt. temp.  
The Waterloo Region voucher (WDV 724 at UWO) was growing on a decorticated poplar log. Similar to the Eurasian *P. tuberculosa*.

BRAN  
NORF  
WATE ✓



***Stropharia coronilla*** (Bull.) W. Saunders & W.G. Sm. – Garland Roundhead

BRAN  
NORF ✓  
WATE



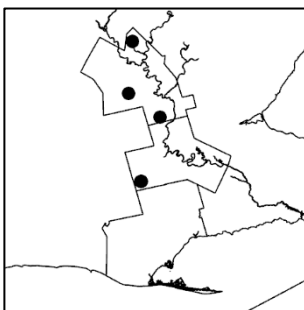
***Stropharia rugosoannulata*** Farl. ex Murrill – Wine Cap

One observation from the study area (iNaturalist 122998440) is f. *lutea* with pale yellow pileus.

BRAN  
NORF ✓  
WATE

---

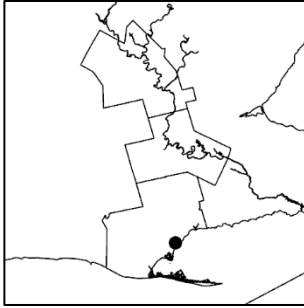
TRICHOLOMATACEAE – Knight Family



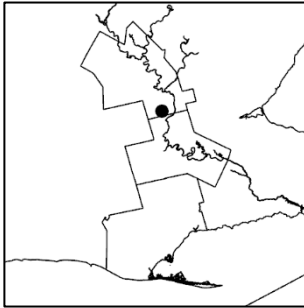
***Leucopaxillus albissimus*** (Peck) Singer – Large White Pax

Saprobic, but usually appearing terricolous. Vouchers are needed from Norfolk County.

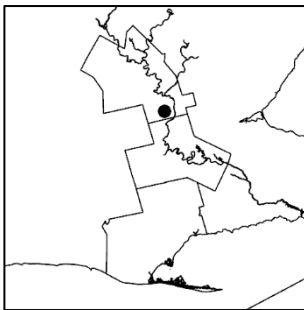
BRAN ✓  
NORF  
WATE ✓



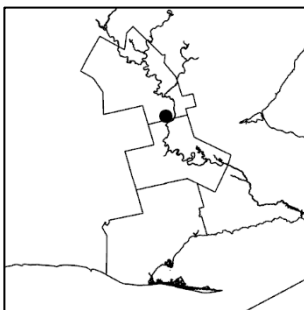
(R) *Tricholoma aurantium* (Schaeff.) Ricken – Orange Knight  
 The Norfolk County voucher (WDV 460 at UWO) was on the ground in hemlock-birch swamp. Rare.  
 BRAN  
 NORF ✓  
 WATE



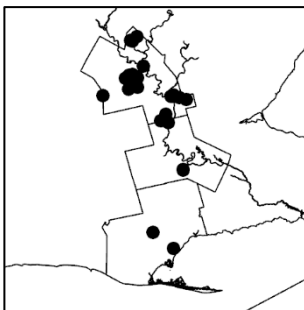
(R) *Tricholoma equestre* (L.) P. Kumm. – Yellow Knight  
 The Waterloo Region voucher (WDV 458 at UWO) was on the ground in a pine plantation. Rare.  
 BRAN  
 NORF  
 WATE ✓



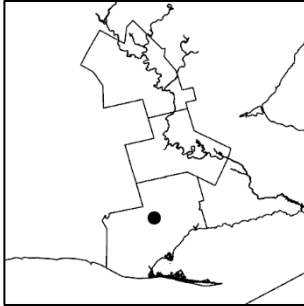
*Tricholoma moseri* Singer – Moser’s Knight  
 The Waterloo Region voucher (WDV 515 at UWO) was on the ground in a thicket of *Pinus sylvestris* and *Crataegus*. Possibly overlooked elsewhere in the study area due to confusion with *T. terreum* and other similar species.  
 BRAN  
 NORF  
 WATE ✓  
 Canada N1N3



*Tricholoma sejunctum* (Sowerby) Quél. – Deceiving Knight  
 The only record for the study area is a 2021 observation from Waterloo Region (iNaturalist 97085773).  
 BRAN  
 NORF  
 WATE ✓



*Tricholoma terreum* (Schaeff.) P. Kumm. – Grey Knight  
 Ectomycorrhizal with pines. Common.  
 BRAN ✓  
 NORF ✓  
 WATE ✓



***Tricholoma triste*** (Scop.) Quél.

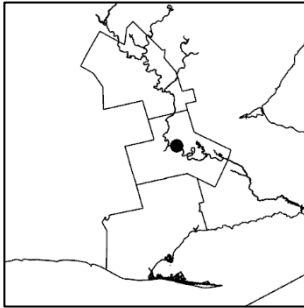
Ectomycorrhizal with pines. Possibly overlooked due to confusion with *T. terreum*.

BRAN

NORF ✓

WATE

Canada N1N3



(R) ***Tricholoma vaccinum*** (Schaeff.) P. Kumm. – Russet Scaly Knight

The only record for the study area is a 2023 observation from Brantford. Rare.

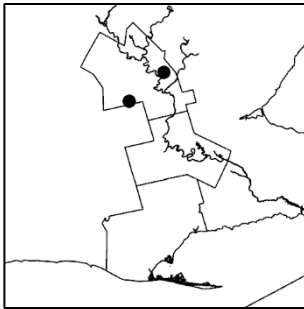
BRAN ✓

NORF

WATE

---

TUBARIACEAE – Twiglet Family



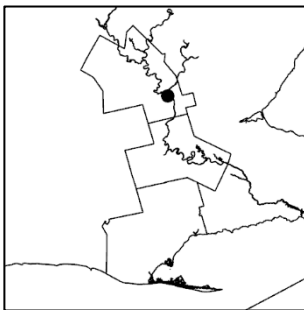
***Cyclocybe erebia*** (Fr.) Vizzini & Matheny – Dark Fieldcap

Saprobic on dead wood and fine woody debris.

BRAN

NORF

WATE ✓



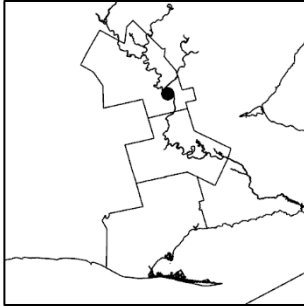
***Phaeomarasmium proximans*** (A.H. Sm. & Hesler) Singer

Known from the study area only from DNA sequences obtained from soil samples collected in Waterloo Region in 2015 (BOLD CCDB-24046-A01).

BRAN

NORF

WATE ✓



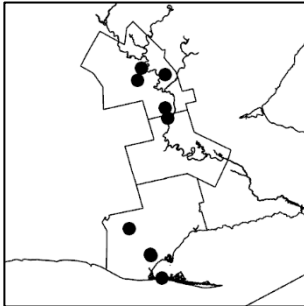
***Tubaria "IN02"*** S.D. Russell crypt. temp.

The Waterloo Region voucher (WDV 655 at UWO) was growing on mossy hummocks in a hemlock-cedar-birch swamp.

BRAN

NORF

WATE ✓



***Tubaria furfuracea*** (Pers.) Gillet – Scurfy Twiglet

Saprobic; on logs, woodchips, and sometimes appearing terricolous.

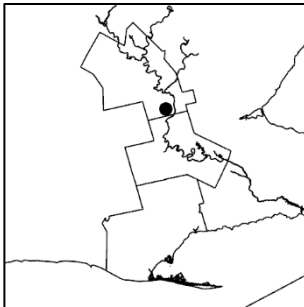
BRAN ✓

NORF ✓

WATE ✓

---

VERRUCOSPORIACEAE



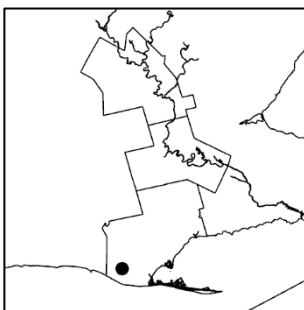
***Cystolepiota seminuda*** (Lasch) Bon – Bearded Dapperling

The Waterloo Region voucher (WDV 620 at UWO) was growing on woodchips.

BRAN

NORF

WATE ✓



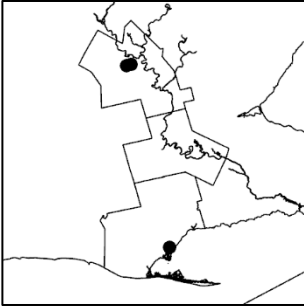
***Echinoderma "IN2"*** S.D. Russell crypt. temp.

The Norfolk County voucher (WDV 423 at UWO, BOLD CCDB-42548-F10) was growing in a mesic hardwood forest.

BRAN

NORF ✓

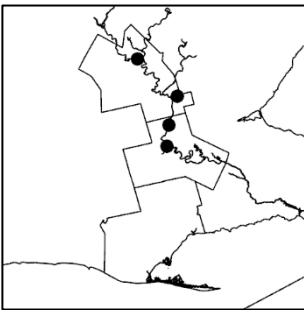
WATE



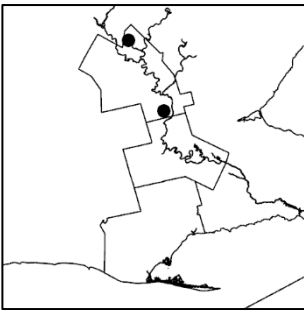
*Echinoderma asperum* (Pers.) Bon – Freckled Dapperling  
Saprobic, but usually appearing terricolous. Vouchers are needed from Brant County.  
BRAN  
NORF ✓  
WATE ✓

**OCCURRENCE MAP  
NOT YET AVAILABLE**

*Lepiota clypeolaria* (Bull.) P. Kumm. – Shield Dapperling  
BRAN ✓ (historical)  
NORF  
WATE



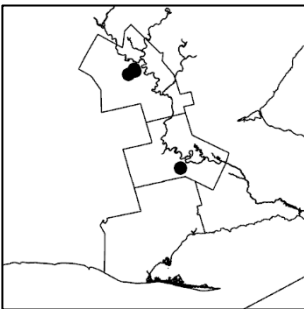
*Lepiota cristata* (Bolton) P. Kumm. – Stinking Dapperling  
Saprobic on logs and stumps, sometimes on woodchips. Vouchers are needed from Norfolk County.  
BRAN ✓  
NORF  
WATE ✓



*Lepiota lilacea* Bres. – Lilac Dapperling  
Both vouchers from the study area were on woodchips.  
BRAN  
NORF  
WATE ✓

---

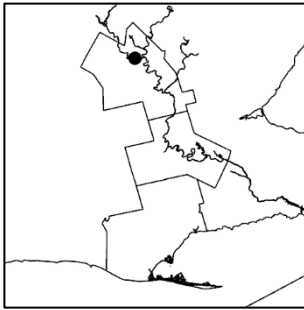
VOLVARIELLACEAE – Rosegill Family



(R) *Volvariella bombycina* (Schaeff.) Singer – Silky Rosegill  
Saprobic on hardwoods. Rare.  
BRAN ✓  
NORF  
WATE ✓

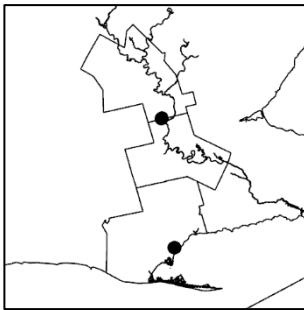
---

## XEROMPHALINACEAE



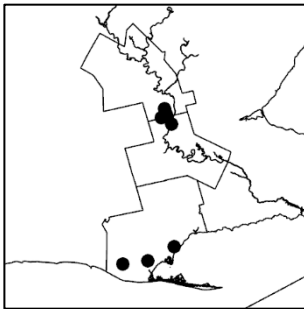
(R) *Heimiomyces tenuipes* (Schwein.) Singer – Orange Faintfoot  
The only record for the study area is a 2021 observation from Waterloo Region (iNaturalist 85161212). Rare.

BRAN  
NORF  
WATE ✓



*Xeromphalina campanella* (Batsch) Kühner & Maire – Pinewood Gingertail  
Saprobic on conifers. Possibly overlooked due to confusion with *X. kauffmanii*.

BRAN  
NORF ✓  
WATE ✓



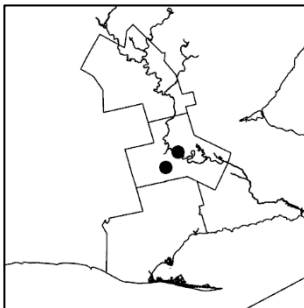
*Xeromphalina kauffmanii* A.H. Sm. – Cross-veined Troop Mushroom  
Saprobic on hardwoods.

BRAN ✓  
NORF ✓  
WATE ✓

---

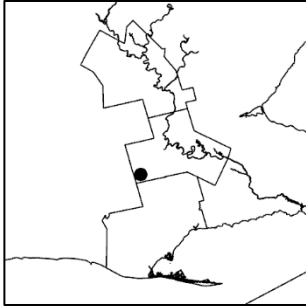
## Amylocorticiales

### AMYLOCORTICIACEAE



*Amyloathelia amylacea* (Bourdot & Galzin) Hjortstam & Ryvarde  
Two records from Brant County but not documented in the study area since 1939.

BRAN ✓ (historical)  
NORF  
WATE



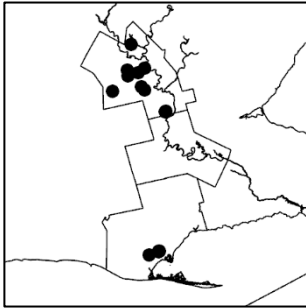
***Ceraceomyces sublaevis*** (Bres.) Jülich

The only record for the study area is a 1939 collection from Brant County (TRTC 15152).

BRAN ✓ (historical)

NORF

WATE



***Plicatura crispa*** (Pers.) Rea – Crimped Gill

Saprobic on all kinds of wood. Common, but vouchers are needed from Brant County.

BRAN

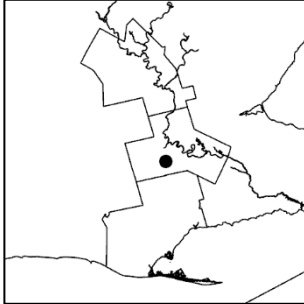
NORF ✓

WATE ✓

## Atheliales

### ATHELIACEAE

Species of *Athelia* form crusts on deadwood and sometimes the bark of live trees. Identification is challenging and they are rarely documented.



***Athelia arachnoidea*** Jülich

The only record from the study area is a 1954 collection from Brant County (TRTC 30698).

BRAN ✓ (historical)

NORF

WATE



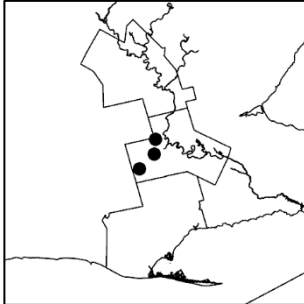
***Athelia decipiens*** (Höhn. & Litsch.) J. Erikss.

The only record from the study area is a 1939 collection from Brant County (TRTC 16477).

BRAN ✓ (historical)

NORF

WATE



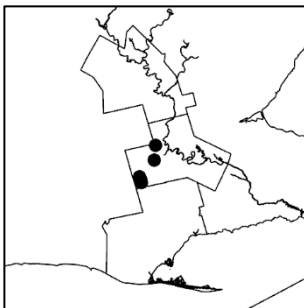
***Athelia fibulata*** M.P. Christ.

Three records from Brant County, but this species has not been documented in the study area since 1955.

BRAN ✓ (historical)

NORF

WATE



***Athelia neuhoffii*** (Bres.) Donk

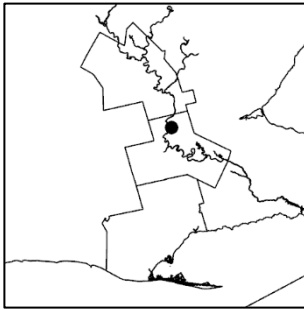
Five records from Brant County but not documented in the study area since 1955.

BRAN ✓ (historical)

NORF

WATE

BYSSOCORTICIACEAE



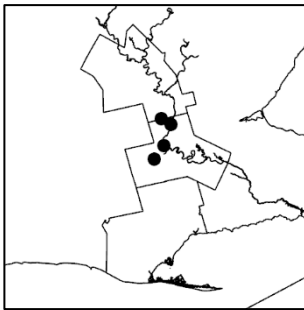
*Athelopsis baculifera* (Bourdot & Galzin) Jülich

The only record for the study area is a 1956 collection from Brant County (TRTC 32496).

BRAN ✓ (historical)

NORF

WATE



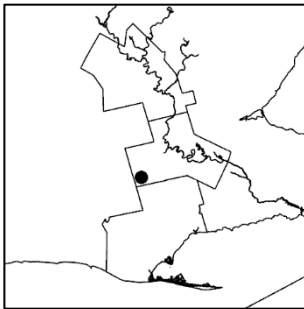
*Byssocorticium atrovirens* (Fr.) Bondartsev & Singer

Saprobic; forms a bright blue crust on heavily decayed logs. Vouchers are needed from Norfolk County.

BRAN ✓

NORF

WATE ✓



*Leptosporomyces fuscostratus* (Burt) Hjortstam

The only record for the study area is a 1939 collection from Brant County (LSU 174021).

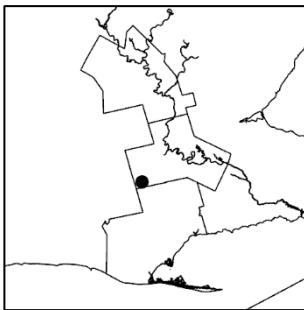
BRAN ✓ (historical)

NORF

WATE

---

PILODERMATACEAE



*Piloderma bicolor* (Peck) Jülich

The only record for the study area is a 1943 collection from Brant County (MSC 231850).

BRAN ✓ (historical)

NORF

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

*Piloderma byssinum* (P. Karst.) Jülich

BRAN ✓ (historical)

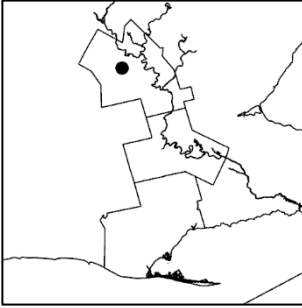
NORF

WATE

---

TYLOSPORACEAE

**OCCURRENCE MAP  
NOT YET AVAILABLE**



*Amphinema byssoides* (Pers.) J. Erikss. – Cratered Duster

BRAN ✓ (historical)  
NORF  
WATE

*Tylospora asterophora* (Bonord.) Donk

The only record for the study area is a 1977 collection from Waterloo Region (DAO 165593).

BRAN  
NORF  
WATE ✓ (historical)

---

**Auriculariales – Wood Ears and Allies**

*Incertae sedis* – uncertain placement

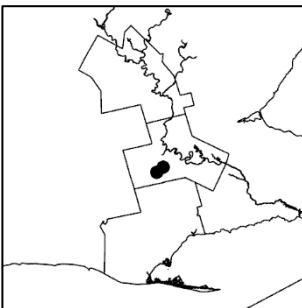


*Basidiodendron cinereum* (Bres.) Luck-Allen

The only record for the study area is a 1939 collection from Brant County (LSU 173496).

BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**



*Basidiodendron diminutum* (Bourdot) Luck-Allen

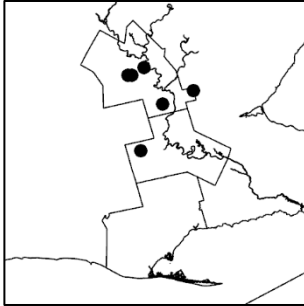
BRAN ✓ (historical)  
NORF  
WATE

*Basidiodendron eyrei* (Wakef.) Luck-Allen

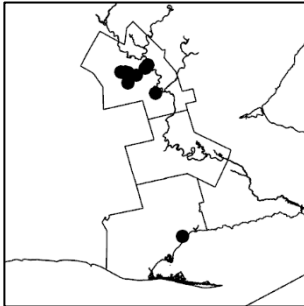
Two records from Brant County but not documented in the study area since 1941.

BRAN ✓ (historical)  
NORF  
WATE

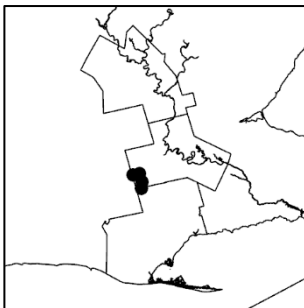
---



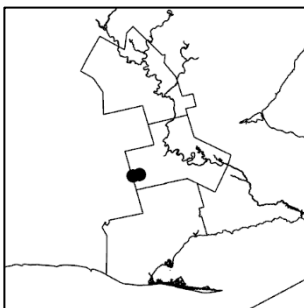
***Ductifera pululahuana*** (Pat.) Donk – White Jelly Fungus  
 Saprobic on hardwoods. Vouchers are needed from Norfolk County.  
 BRAN ✓  
 NORF  
 WATE ✓



***Guepinia helvelloides*** (DC.) Fr. – Apricot Jelly  
 Saprobic on conifer logs, stumps, and woody debris. Vouchers are needed from Brant County.  
 BRAN  
 NORF ✓  
 WATE ✓



***Protomerulius dubius*** (Bourdot & Galzin) Bourdot & Galzin  
 Six records from Brant County and Norfolk County but not documented in the study area since 1941.  
 BRAN ✓ (historical)  
 NORF ✓ (historical)  
 WATE

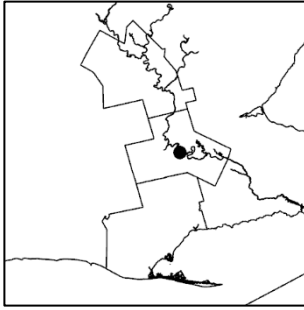


***Protomerulius minor*** Möller  
 Two records from Brant County but not documented in the study area since 1938.  
 BRAN ✓ (historical)  
 NORF  
 WATE

**OCCURRENCE MAP  
 NOT YET AVAILABLE**

***Stypella subhyalina*** (A. Pearson) P. Roberts  
 BRAN ✓ (historical)  
 NORF  
 WATE

AURICULARIACEAE – Wood Ear Family



(R) *Auricularia angiospermarum* Y.C. Dai, F. Wu & D.W. Li – American Hardwood Ear

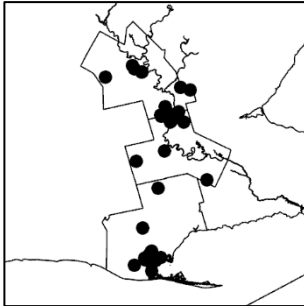
The only record for the study area is a 2024 observation from Brantford (iNaturalist 255502470). Rare.

BRAN ✓  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

*Elmerina caryae* (Schwein.) D.A. Reid

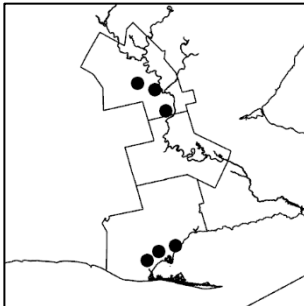
BRAN ✓ (historical)  
NORF  
WATE



*Exidia crenata* (Schwein.) Fr. – American Amber Jelly

Saprobic on hardwood logs, stumps, and branches. Common.

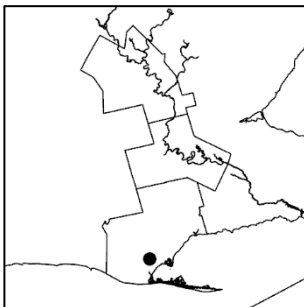
BRAN ✓  
NORF ✓  
WATE ✓



*Exidia nigricans* complex – Warlock’s Butter

Saprobic on hardwood logs, stumps, and branches. The status of *E. glandulosa* and *E. nigricans sensu stricto* in North America is uncertain. Vouchers are needed from Brant County.

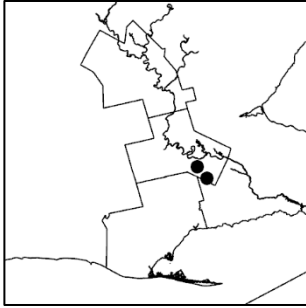
BRAN  
NORF ✓  
WATE ✓



(R) *Exidia saccharina* Fr. – Pine Jelly

The only record from the study area is a 2021 observation from Norfolk County (iNaturalist 88647360). Rare.

BRAN  
NORF ✓  
WATE



***Exidia subglandulosa*** F. Wu, L.F. Fan & S.Y. Ye

Saprobic on *Populus* and possibly other hardwoods. Possibly overlooked due to confusion with other species of *Exidia*.

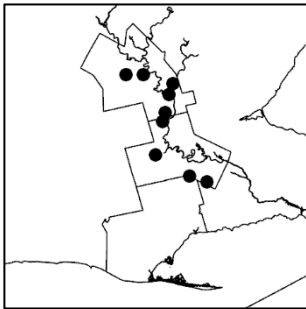
BRAN ✓

NORF

WATE

---

HYALORIACEAE



***Myxarium nucleatum*** Wallr. – Crystal Brain Fungus

Saprobic on hardwoods. Common, but vouchers are needed from Norfolk County.

BRAN ✓

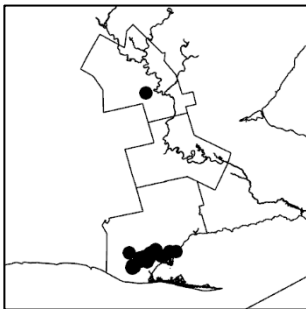
NORF

WATE ✓

---

**Boletales – Boletes and Allies**

ASTRAEACEAE – Hygroscopic Earth Stars



***Astraeus smithii*** Watling, M.P. Martin & Phosri – Smith's Earthstar

Ectomycorrhizal with various trees and shrubs in sandy habitats. Common on the Norfolk Sand Plain, but rare elsewhere in the study area.

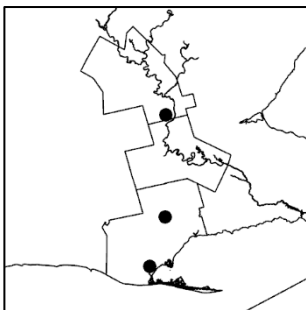
BRAN

NORF ✓

WATE ✓

---

BOLETACEAE – Bolete Family



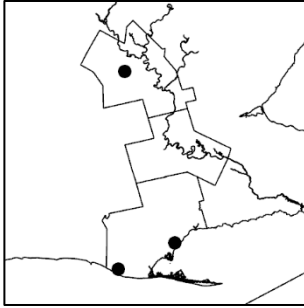
(R) ***Aureoboletus russellii*** (Frost) G. Wu & Zhu L. Yang – Russell's Bolete

Ectomycorrhizal with oaks. Rare.

BRAN

NORF ✓

WATE ✓



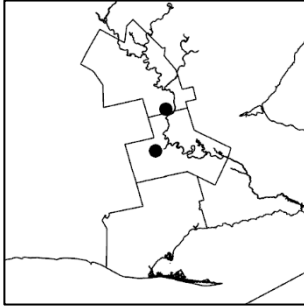
(R) *Austroboletus gracilis* (Peck) Wolfe – Graceful Bolete

Ectomycorrhizal with eastern hemlock. Rare.

BRAN

NORF ✓

WATE ✓



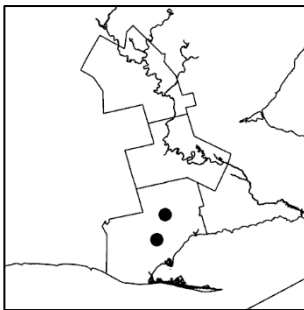
*Boletellus chrysenteroides* (Snell) Snell

Saprobic; both records from the study area are from rotten stumps. Also ectomycorrhizal with beech and oaks elsewhere in its range.

BRAN ✓

NORF

WATE ✓



*Boletus atkinsonii* Peck – Atkinson's Bolete

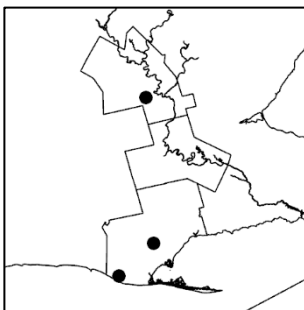
Ectomycorrhizal with oaks.

BRAN

NORF ✓

WATE

Canada N3



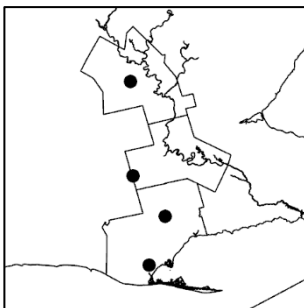
*Boletus chippewaensis* A.H. Sm. & Thiers – Chippewa Bolete

Ectomycorrhizal with pines and other conifers. Considered by some (e.g., Bessette *et al.* 2024) to be a variety or simply a colour form of *B. edulis* but treated as a distinct species in this inventory (for now).

BRAN

NORF ✓

WATE ✓



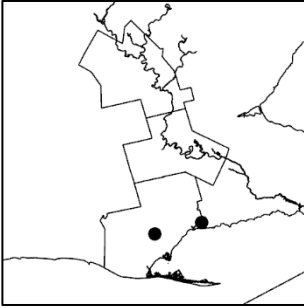
*Boletus edulis* Bull. – King Bolete

Ectomycorrhizal with pines and other conifers. See comments under *B. chippewaensis*.

BRAN ✓

NORF ✓

WATE ✓



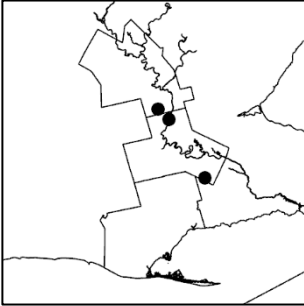
***Boletus variipes*** Peck – Varied Bolete

Ectomycorrhizal with hardwoods. Records from the study area are var. *fagicola*.

BRAN

NORF ✓

WATE



(R) ***Caloboletus inedulis*** (Murrill) Vizzini

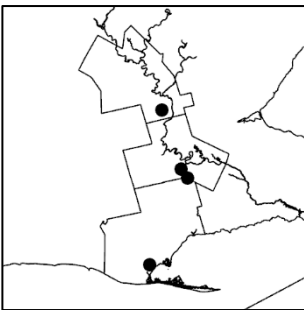
Ectomycorrhizal with oak, hickory, and possibly other hardwoods. Rare.

BRAN ✓

NORF

WATE ✓

Canada N3N4



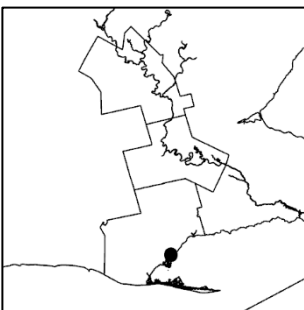
***Chalciporus piperatus*** (Bull.) Bataille – Peppery Bolete

Ectomycorrhizal with pines and possibly other trees.

BRAN ✓

NORF ✓

WATE ✓



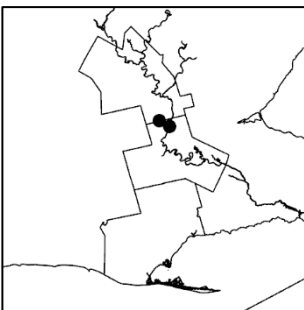
(R) ***Exsudoporus frostii*** (J.L. Russell) Vizzini, Simonini & Gelardi – Frost's Bolete

Ectomycorrhizal with oaks and other hardwoods. Rare; known only from the Turkey Point area where it is regularly observed.

BRAN

NORF ✓

WATE



(R) ***Hemileccinum hortonii*** (A.H. Sm. & Thiers) M. Kuo & B. Ortiz –

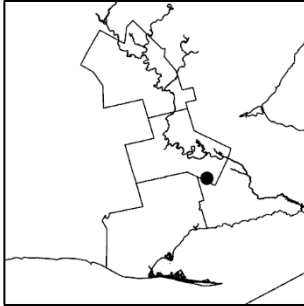
Corrugated Bolete

Ectomycorrhizal with a variety of trees. Rare.

BRAN ✓

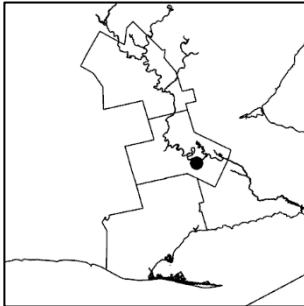
NORF

WATE ✓



***Hemileccinum subglabripes*** (Peck) Halling – Smoothish-stemmed Bolete  
Ectomycorrhizal with hardwoods. The Brant County voucher (iNaturalist 229997503) was growing under hickory, beech, and poplar.

BRAN ✓  
NORF  
WATE



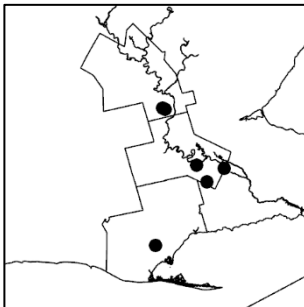
***Hortiboletus campestris*** (A.H. Sm. & Thiers) Biketova & Wasser – Field Bolete  
Probably ectomycorrhizal. The Brant County voucher (iNaturalist 235815660) was under oak and hickory.

BRAN ✓  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

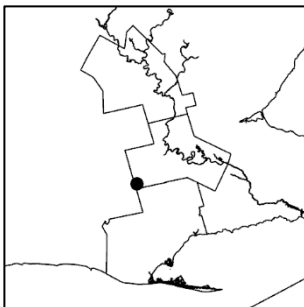
***Hortiboletus flavorubellus*** (Thiers & A.H. Sm.) Biketova & Tremble (=H. “*sp-IN02*” S.D. Russell crypt. temp., H. “*sp-IN03*” S.D. Russell crypt. temp.)  
Vouchers collected in Norfolk County (WDV 309 at UWO) and Waterloo Region (WDV 670 at UWO) were growing in sandy pine-hardwood mixed forests.

BRAN  
NORF ✓  
WATE ✓



***Hortiboletus rubellus*** (Krombh.) Simonini, Vizzini & Gelardi – Ruby Bolete  
Probably ectomycorrhizal. Tends to occur in lawns, field edges, and other disturbed habitats.

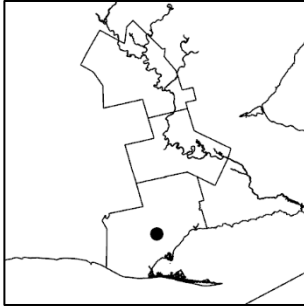
BRAN ✓  
NORF ✓  
WATE ✓



***Imleria badia*** (Fr.) E.-J. Gilbert – Bay Bolete

The only record for the study area is a 1942 collection from Brant County (TRTC 18349).

BRAN ✓ (historical)  
NORF  
WATE



***Imleria pallida*** (Frost) A. Farid, A.R. Franck & J. Bolin (= *Boletus pallidus* Frost)

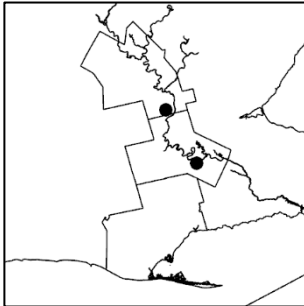
– Pale Bolete

The only record for the study area is a 1942 collection from Norfolk County (TRTC 18342).

BRAN

NORF ✓ (historical)

WATE



***Leccinellum luteum*** A.H. Sm., Thiers & Watling – Yellow Scaberstalk

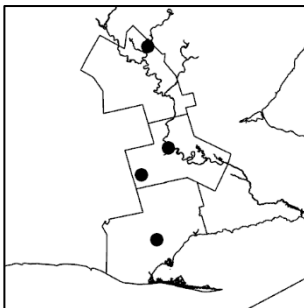
Ectomycorrhizal with musclewood (*Carpinus caroliniana*).

BRAN ✓

NORF

WATE ✓

Canada N3



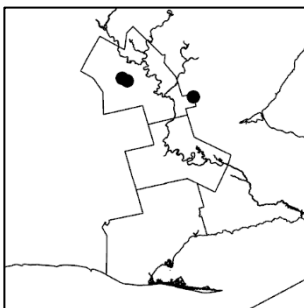
***Leccinum aurantiacum*** (Bull.) Gray – Red-capped Scaberstalk

Ectomycorrhizal with birches and possibly other hardwoods.

BRAN ✓

NORF ✓

WATE ✓



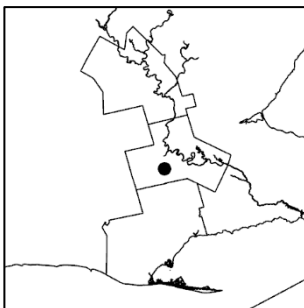
***Leccinum insigne*** A.H. Sm., Thiers & Watling – Aspen Scaberstalk

Ectomycorrhizal with poplars and possibly other hardwoods.

BRAN

NORF

WATE ✓



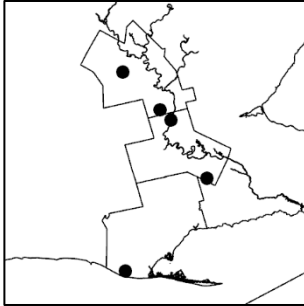
(R) ***Leccinum snellii*** A.H. Sm., Thiers & Watling – Snell's Scaberstalk

Ectomycorrhizal with yellow birch (*Betula alleghaniensis*); noteworthy for being one of the earliest fruiting boletes. The Brant County voucher (WDV 577 at UWO) was growing with yellow birch in a mixed hemlock-birch swamp. Rare.

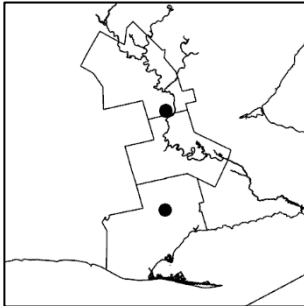
BRAN ✓

NORF

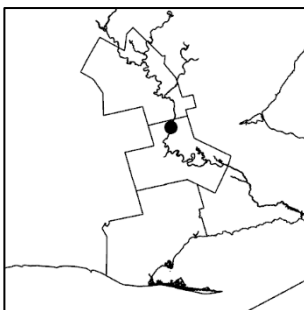
WATE



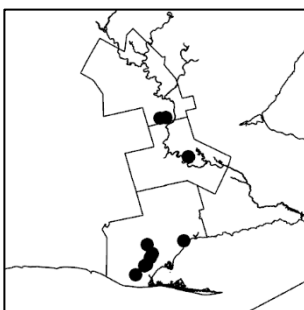
*Neoboletus subvelutipes* (Peck) Yang Wang, B. Zhang & Yu Li – Red-mouthed Bolete  
Ectomycorrhizal with oaks and other hardwoods.  
BRAN ✓  
NORF ✓  
WATE ✓



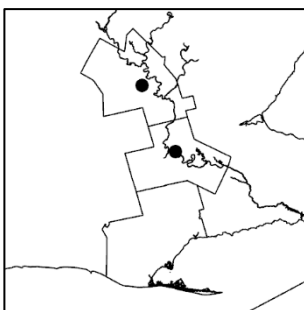
(R) *Retiboletus ornatipes* (Peck) Manfr. Binder & Bresinsky – Ornate-stalked Bolete  
Ectomycorrhizal with oaks and other hardwoods. Rare.  
BRAN  
NORF ✓  
WATE ✓



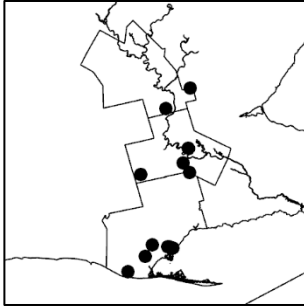
*Strobilomyces confusus* Singer  
Ectomycorrhizal with oaks. Possibly overlooked due to confusion with *S. strobilaceus*.  
BRAN ✓  
NORF  
WATE



*Strobilomyces strobilaceus* (Scop.) Berk. – Old-man-of-the-woods  
Ectomycorrhizal with oaks.  
BRAN ✓  
NORF ✓  
WATE ✓



(R) *Suillellus luridus* (Schaeff.) Murrill – Lurid Bolete  
Ectomycorrhizal with oaks (*Quercus*). Rare.  
BRAN ✓  
NORF  
WATE ✓



***Tylopilus felleus*** (Bull.) P. Karst. – Bitter Bolete

Saprobic on a variety of dead wood; also ectomycorrhizal with conifers.

BRAN ✓

NORF ✓

WATE ✓



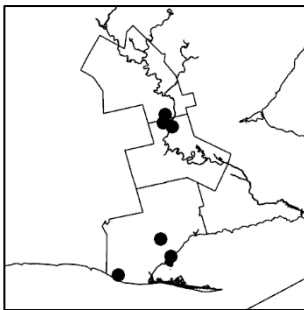
***Tylopilus indecisus*** (Peck) Murrill – Indecisive Bolete

The only record for the study area is a 2022 observation from Norfolk County (iNaturalist 135398221).

BRAN

NORF ✓

WATE



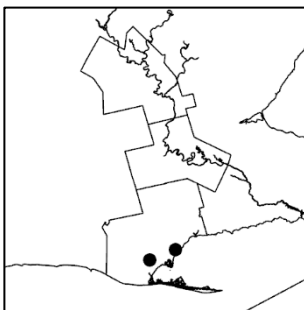
***Tylopilus rubrobrunneus*** Mazzer & A.H Sm. – Reddish Brown Bitter Bolete

Ectomycorrhizal with oaks and probably other trees.

BRAN ✓

NORF ✓

WATE ✓



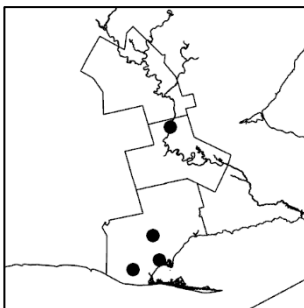
***Xanthoconium affine*** (Peck) Singer – Spotted Bolete

Ectomycorrhizal with a variety of hardwoods.

BRAN

NORF ✓

WATE



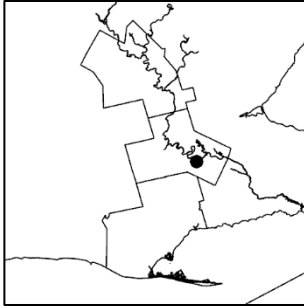
***Xerocomellus chrysenteron*** (Bull.) Šutara – Red-cracking Bolete

Ectomycorrhizal but specific hosts uncertain.

BRAN ✓

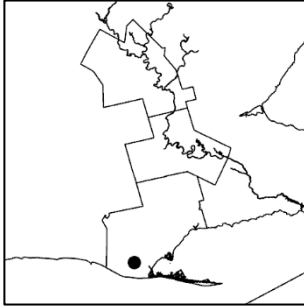
NORF ✓

WATE



***Xerocomellus intermedius*** (A.H. Sm. & Thiers) Svetash., Simonini & Vizzini  
Ectomycorrhizal with hardwoods. The Brant County voucher (iNaturalist 235815762) was growing under oak, hickory, and other hardwoods.

BRAN ✓  
NORF  
WATE

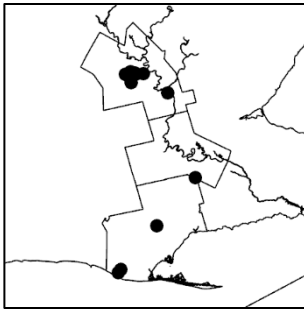


***Xerocomellus truncatus*** (Singer, Snell & E.A. Dick) Klofac  
Ectomycorrhizal but specific hosts uncertain. The Norfolk County voucher (WDV 600 at UWO) was growing under white pine.

BRAN  
NORF ✓  
WATE

---

BOLETINELLACEAE – Ash Bolete Family



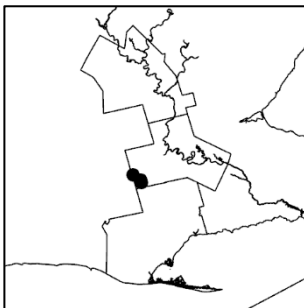
***Boletinellus merulioides*** (Schwein.) Murrill – Ash Tree Bolete

This species is part of a unique and fascinating ecological relationship: the mycelium forms protective structures around colonies of aphids which parasitize the roots of ash (*Fraxinus*) trees; the aphids provide nutrients to the fungus in the form of honeydew. The fungus itself therefore has a symbiotic relationship with the aphids and an indirectly parasitic relationship with the ash. One of the few fungi assessed as vulnerable by the IUCN, primarily due to the ongoing decline of ash trees in North America due to the emerald ash borer (*Agrilus planipennis*), an introduced boring beetle.

BRAN ✓  
NORF ✓  
WATE ✓  
IUCN: Vulnerable

---

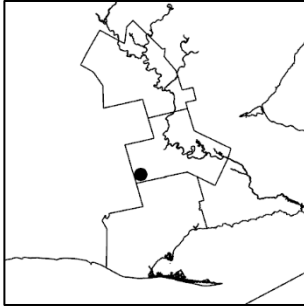
CONIOPHORACEAE



***Coniophora arida*** (Fr.) P. Karst. – Dry Duster

Four records from Brant County but not documented in the study area since 1938.

BRAN ✓ (historical)  
NORF  
WATE



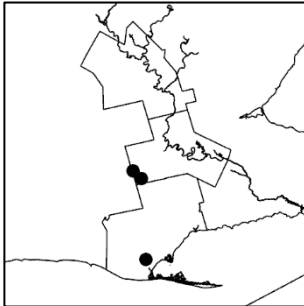
***Coniophora olivacea*** (Fr.) P. Karst. – Olive Duster

The only record for the study area is a 1939 collection from Brant County (TRTC 15190).

BRAN ✓ (historical)

NORF

WATE



***Coniophora puteana*** (Schumach.) P. Karst. – Wet Rot

Saprobic on all kinds of dead wood. Probably more common but often overlooked; vouchers are needed from Waterloo Region.

BRAN ✓

NORF ✓

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Penttilamyces olivascens*** (Berk. & M.A. Curtis) Zmitr., Kalinovskaya & Myasnikov

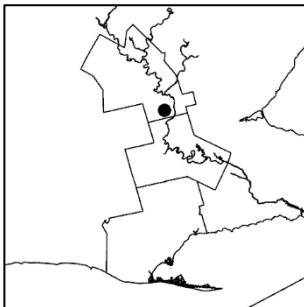
BRAN ✓ (historical)

NORF

WATE

---

GOMPHIDIACEAE – Spike Family



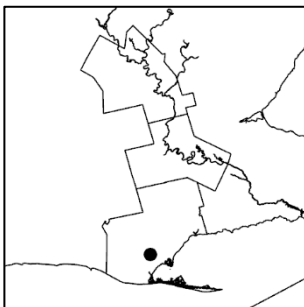
***Chroogomphus ochraceus*** (Kauffman) O.K. Mill. – Olive Pine Spike

The Waterloo Region voucher (WDV 725 at UWO) was growing on the ground under eastern white pine.

BRAN

NORF

WATE ✓



***Chroogomphus vinicolor*** (Peck) O.K. Mill. – Wine-coloured Pine Spike

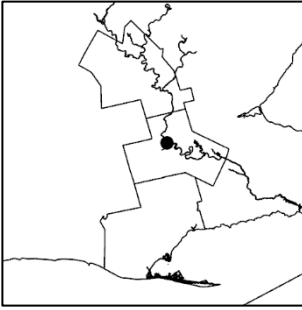
The only record for the study area is a 2018 observation from Norfolk County (iNaturalist 18281934).

BRAN

NORF ✓

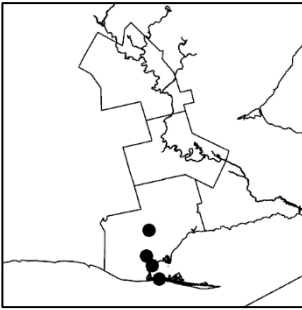
WATE

GYROPORACEAE



*Gyroporus "castaneus-IN02"* S.D. Russell crypt. temp.  
The Brant County voucher (WDV 376 at UWO; BOLD CCDB-42548-A7) was collected from a mesic sandy slope under oak, hickory, and pine.

BRAN ✓  
NORF  
WATE



*Gyroporus cyanescens* (Bull.) Quél. – Cornflower Bolete  
Ectomycorrhizal with hardwood trees.

BRAN  
NORF ✓  
WATE

---

HYGROPHOROPSISIDACEAE – False Chanterelle Family

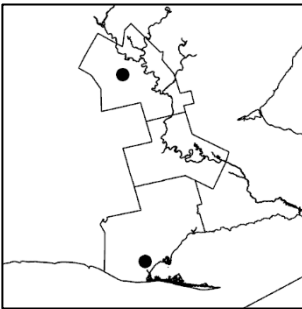
**OCCURRENCE MAP  
NOT YET AVAILABLE**

*Leucogyrophana mollusca* (Fr.) Pouzar

BRAN ✓ (historical)  
NORF  
WATE

---

PAXILLACEAE – Rollrim Family

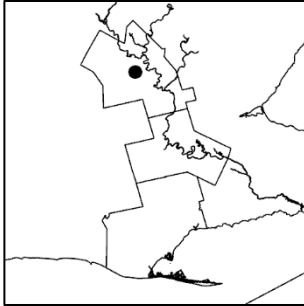


*Paxillus involutus* (Batsch) Fr. – Brown Rollrim  
Ectomycorrhizal with a variety of trees and possibly saprobic. Vouchers are needed from Brant County.

BRAN  
NORF ✓  
WATE ✓

---

RHIZOPOGONACEAE



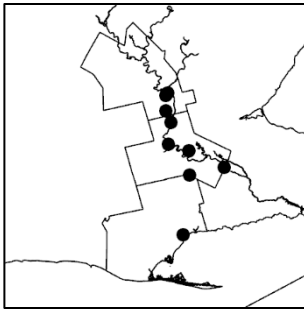
(R) *Rhizopogon rubescens* (Tul. & C. Tul.) Tul. & C. Tul.  
Ectomycorrhizal with conifers. Rare; known only from one location in Waterloo Region.  
BRAN  
NORF  
WATE ✓

---

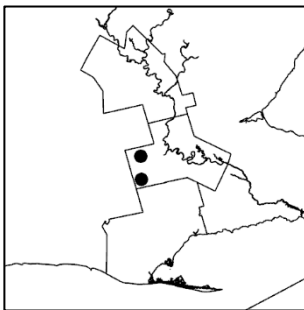
SCLERODERMATACEAE – Earthball Family



*Scleroderma arenicola* Zeller – Sand-loving Earthball  
Ectomycorrhizal with a variety of trees in open, sandy habitats. The only record for the study area is a 1964 collection from Norfolk County (TRTC 48564).  
BRAN  
NORF ✓ (historical)  
WATE

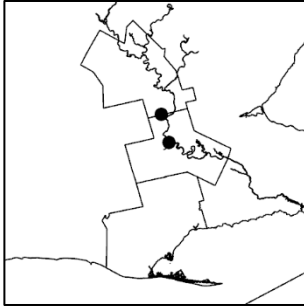


*Scleroderma areolatum* Ehrenb. – Leopard Earthball  
Both saprobic and ectomycorrhizal with beech and possibly other hardwoods.  
BRAN ✓  
NORF ✓  
WATE ✓



*Scleroderma aurantium* (L.) Pers. – Golden Earthball  
Two records from Brant County but not documented in the study area since 1937.  
BRAN ✓ (historical)  
NORF  
WATE

---



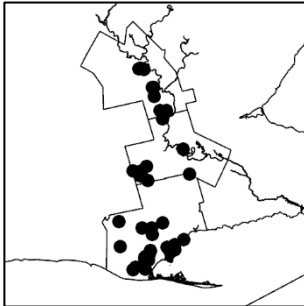
***Scleroderma bovista*** Fr. – Potato Earthball

Both saprobic and ectomycorrhizal; occurrences in the study area are all with oak and other hardwoods. Vouchers are needed from Norfolk County. Very similar to *S. michiganense*.

BRAN ✓

NORF

WATE ✓



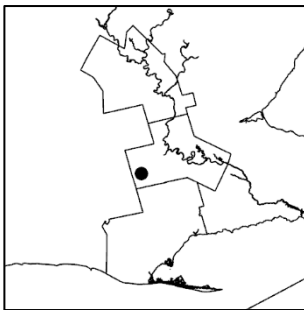
***Scleroderma citrinum*** Pers. – Common Earthball

Ectomycorrhizal and possibly saprobic with a variety of trees. Common.

BRAN ✓

NORF ✓

WATE ✓



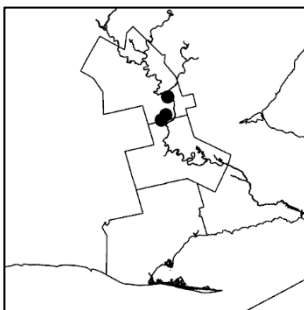
***Scleroderma lycoperdoides*** Schwein. – Puffball-like Earthball

The only record for the study area is a 1937 collection from Brant County (TRTC 13960).

BRAN ✓ (historical)

NORF

WATE



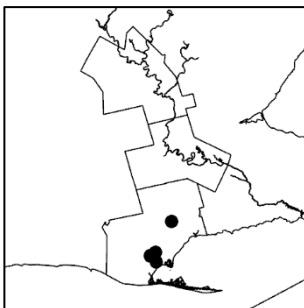
***Scleroderma michiganense*** (Guzmán) Guzmán – Michigan Earthball

Ectomycorrhizal and possibly saprobic with hardwoods. Very similar to *S. bovista*.

BRAN

NORF

WATE ✓



(R) ***Scleroderma polyrhizum*** (J.F. Gmel.) Pers. – Many-rooted Earthball

Both saprobic and ectomycorrhizal with pines; occurs in open sandy habitats.

Rare.

BRAN

NORF ✓

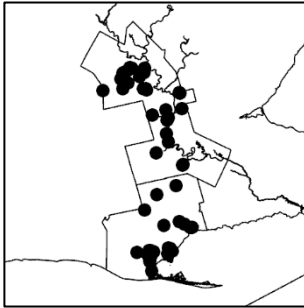
WATE

SERPULACEAE

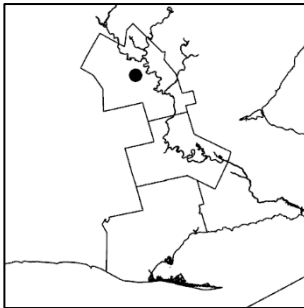
**OCCURRENCE MAP  
NOT YET AVAILABLE**

*Serpula himantoides* (Fr.) P. Karst.  
BRAN ✓ (historical)  
NORF ✓ (historical)  
WATE

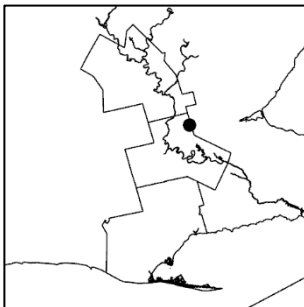
SUILLACEAE



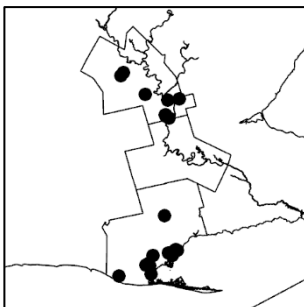
*Suillus americanus* (Peck) Snell – Chicken Fat Mushroom  
Ectomycorrhizal with pines. Common.  
BRAN ✓  
NORF ✓  
WATE ✓



\**Suillus collinitus* (Fr.) Kuntze  
Ectomycorrhizal with black pine (*Pinus nigra*) and possibly other pines. The only record for the study area is a 2024 observation from Waterloo (iNaturalist 246357460).  
BRAN  
NORF  
WATE ✓



(R) *Suillus luteus* (L.) Roussel – Purple-veiled Slippery Jack  
Ectomycorrhizal with pines and possibly other conifers. Rare; the only record for the study area is a 2020 observation from Brant County (iNaturalist 172929767).  
BRAN ✓  
NORF  
WATE

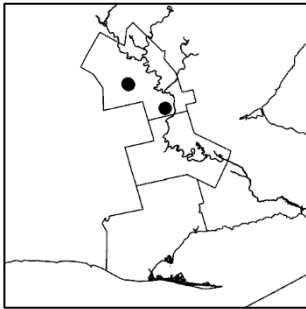


*Suillus spraguei* (Berk. & M.A. Curtis) Kuntze – Painted Bolete  
Ectomycorrhizal with pines and possibly other conifers; often in acidic swamps.  
Common, but vouchers are needed from Brant County.  
BRAN  
NORF ✓  
WATE ✓

**OCCURRENCE MAP  
NOT YET AVAILABLE**

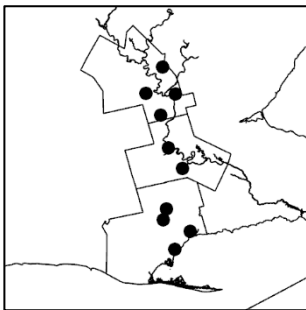
*Suillus subaureus* (Peck) Snell

BRAN ✓ (historical)  
 NORF  
 WATE



**\**Suillus viscidus*** (L.) Roussel – Sticky Bolete  
 Ectomycorrhizal with Eurasian larch (*Larix*) species. A rare introduced species.

BRAN  
 NORF  
 WATE ✓



***Suillus weaverae*** (A.H. Sm. & Shaffer) H. Engel & Klofac – Butterball  
 Ectomycorrhizal with pines.

BRAN ✓  
 NORF ✓  
 WATE ✓

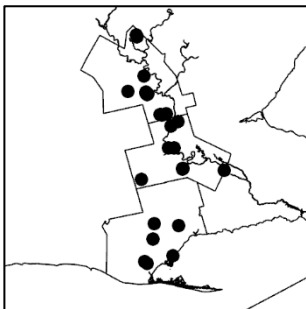
TAPINELLACEAE



***Pseudomerulius aureus*** (Fr.) Jülich

The only record for the study area is a 1942 collection from Brant County (FLAS 32781).

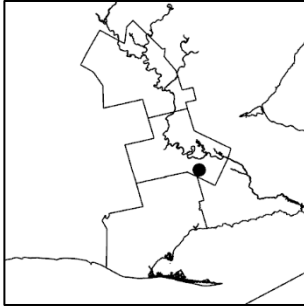
BRAN ✓ (historical)  
 NORF  
 WATE



***Tapinella atrotomentosa*** (Batsch) Šutara – Velvet-footed Tap

Saprobic on conifer logs and stumps. Common.

BRAN ✓  
 NORF ✓  
 WATE ✓

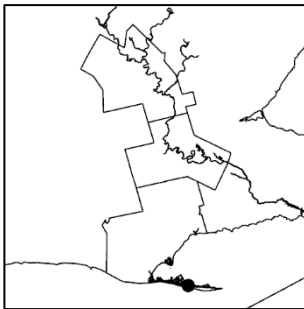


(R) *Tapinella panuoides* (Fr.) E.-J. Gilbert – Oyster Rollrim  
Saprobic on conifer wood. The Brant County voucher (WDV 602 at UWO) was growing on a dead eastern white pine stump. Rare.  
BRAN ✓  
NORF  
WATE

---

## Cantharellales

*Incertae sedis* – Uncertain Placement



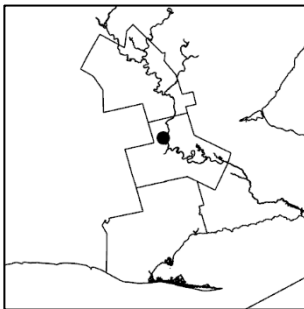
*Clavulicium macounii* (Burt) Parmasto  
The only record for the study area is a 1939 collection from Long Point (TRTC 14917).  
BRAN  
NORF ✓ (historical)  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

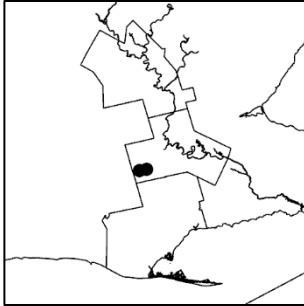
*Stilbotulasnella conidiophora* Bandoni & Oberw.  
BRAN  
NORF ✓ (historical)  
WATE

---

## BOTRYOBASIDIACEAE



*Acladium simile* (Berk.) S. Hughes  
The only record for the study area is a 1955 collection from Brant County (WSP 45505).  
BRAN ✓ (historical)  
NORF  
WATE



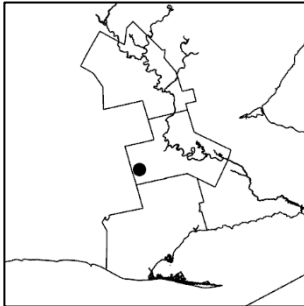
***Botryobasidium conspersum*** (Link) Linder

Two records from Brant County but not documented in the study area since 1937.

BRAN ✓ (historical)

NORF

WATE



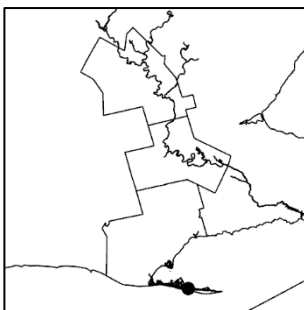
***Botryobasidium flavescens*** (Bonord.) D.P. Rogers

The only record for the study area is a 1937 collection from Brant County (TENN 11694).

BRAN ✓ (historical)

NORF

WATE



***Botryobasidium isabellinum*** (Fr.) D.P. Rogers

The only record for the study area is a 1937 collection from Long Point (TRTC 17279).

BRAN

NORF ✓ (historical)

WATE

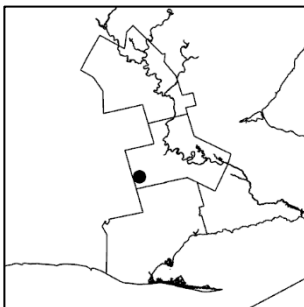
**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Botryobasidium simile*** Hol.-Jech.

BRAN ✓ (historical)

NORF

WATE



***Botryobasidium subcoronatum*** (Höhn. & Litsch.) Donk

The only record for the study area is a 1937 collection from Brant County (TRTC 11678).

BRAN ✓ (historical)

NORF

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Botryobasidium vagum*** (Berk. & M.A. Curtis) D.P. Rogers

BRAN ✓ (historical)

NORF

WATE

**OCCURRENCE MAP**

***Suillosporium cystidiatum*** (D.P. Rogers) Pouzar

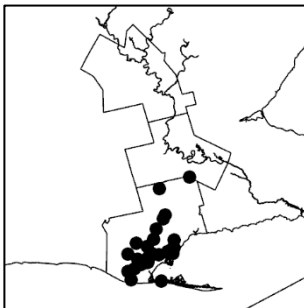
**NOT YET AVAILABLE** BRAN ✓ (historical)  
 NORF  
 WATE

CERATOBASIDACEAE

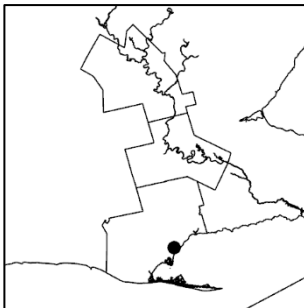
**OCCURRENCE MAP** *Ceratobasidium cornigerum* (Bourdot) D.P. Rogers  
**NOT YET AVAILABLE** BRAN  
 NORF ✓ (historical)  
 WATE

**OCCURRENCE MAP** *Rhizoctonia fusispora* (J. Schröt.) Oberw., R. Bauer, Garnica & R. Kirschner  
**NOT YET AVAILABLE** BRAN ✓ (historical)  
 NORF  
 WATE

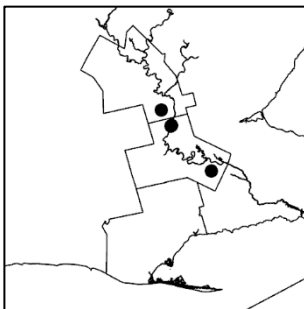
HYDNACEAE – Hedgehog Family



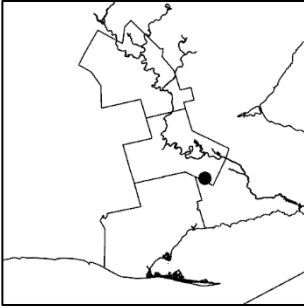
*Cantharellus cinnabarinus* (Schwein.) Schwein. – Red Chanterelle  
 Ectomycorrhizal with oaks with a particular affinity for sandy habitats in the study area. Common on the Norfolk Sand Plain but rare elsewhere in the study area.  
 BRAN ✓  
 NORF ✓  
 WATE



*Cantharellus corallinus* Buyck & V. Hofst. – Coral Chanterelle  
 The Norfolk County voucher (WDV 739 at UWO) was growing on sandy ground under oaks. Possibly overlooked due to confusion with *C. cinnabarina*.  
 BRAN  
 NORF ✓  
 WATE



*Cantharellus tenuithrix* Buyck & V. Hofst.  
 Ectomycorrhizal with oaks and other hardwoods. A member of the difficult subgenus *Cantharellus*, which is not well resolved in the study area.  
 BRAN ✓  
 NORF  
 WATE ✓



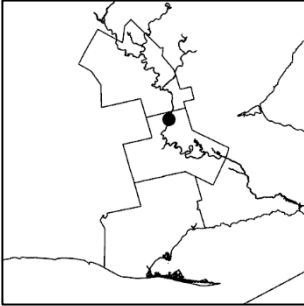
***Cantharellus velutinus*** Buyck & V. Hofst.

Ectomycorrhizal with hardwoods. A member of the difficult subgenus *Cantharellus*, which is not well resolved in the study area.

BRAN ✓

NORF

WATE



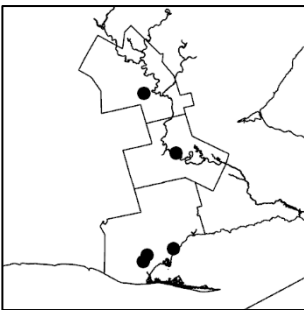
(R) ***Clavulina cinerea*** (Bull.) J. Schröt. – Grey Coral Fungus

The Brant County voucher (WDV 329 at UWO) was in mesic, sandy mixed woods. Rare.

BRAN ✓

NORF

WATE



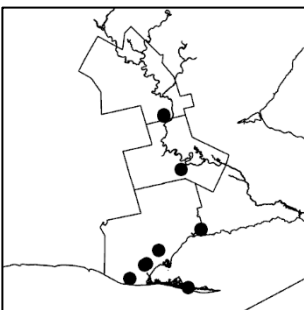
***Clavulina coralloides*** (L.) J. Schröt. – White Coral Fungus

Mycorrhizal but specific associates are unknown.

BRAN ✓

NORF ✓

WATE ✓



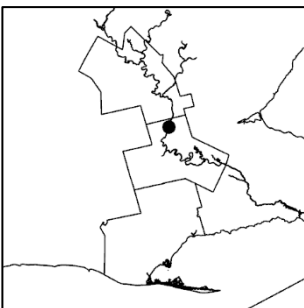
***Craterellus fallax*** A.H. Sm. – Eastern Black Trumpet

Ectomycorrhizal with hardwood trees.

BRAN ✓

NORF ✓

WATE ✓



(R) ***Craterellus foetidus*** A.H. Sm. – Fragrant Trumpet

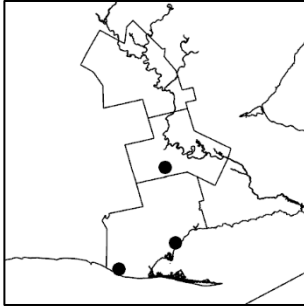
Ectomycorrhizal with oaks. The Brant County voucher (WDV 334 at UWO; BOLD CCDB-42548-H4) was growing under northern red oak (*Quercus rubra*).

Rare.

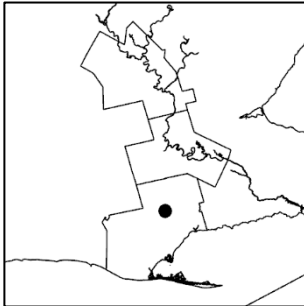
BRAN ✓

NORF

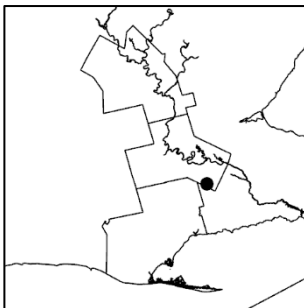
WATE



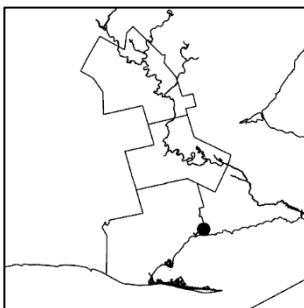
(R) *Craterellus lutescens* (Fr.) Fr. – Yellow Trumpet  
Ectomycorrhizal with conifers. Rare.  
BRAN ✓  
NORF ✓  
WATE



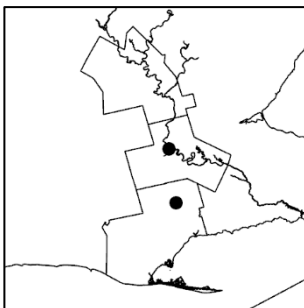
(R) *Craterellus tubaeformis* (Fr.) Quél. – Yellowfoot  
Ectomycorrhizal with conifers. Rare; the only occurrence in the study area is a woodlot in Norfolk County.  
BRAN  
NORF ✓  
WATE



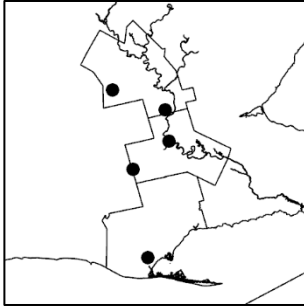
*Hydnum aerostatisporum* Buyck, D.P. Lewis & V. Hofst.  
Ectomycorrhizal. The Brant County voucher (WDV 365 at UWO) was growing in moist clay soil under hickory, oak, and other hardwoods.  
BRAN ✓  
NORF  
WATE



*Hydnum subolympicum* Liimat., Niskanen, R.E. Baird & Voitk  
Ectomycorrhizal. The Norfolk County voucher (WDV 465 at UWO; BOLD CCDB-42548-D11) was growing in moist-mesic sandy soil under hemlock and beech.  
BRAN  
NORF ✓  
WATE

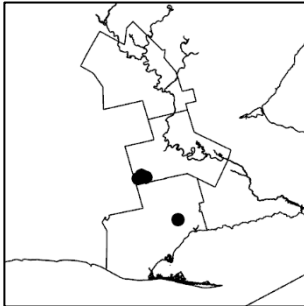


*Hydnum subtilior* Swenie & Matheny  
Ectomycorrhizal with hardwoods.  
BRAN ✓  
NORF ✓  
WATE



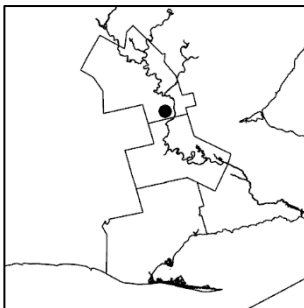
***Multiclavula mucida*** (Pers.) R.H. Petersen – White Green Algae Coral  
Saprobic on all kinds of dead wood, but characteristically on large, decorticated logs. The mycelium forms a symbiotic relationship with green algae (Chlorophyta) and this species has therefore been called a basidiolichen, although it is not technically a lichen since it does not form a thallus.

BRAN ✓  
NORF ✓  
WATE ✓



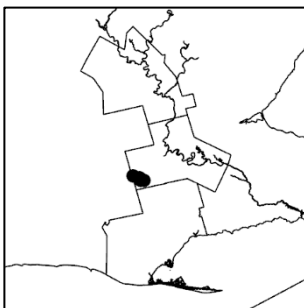
***Sistotrema brinkmanii*** (Bres.) J. Erikss.  
Records from Brant County and Norfolk County but has not been documented in the study area since 1956.

BRAN ✓ (historical)  
NORF ✓ (historical)  
WATE



(R) ***Sistotrema confluens*** Pers. – Aromatic Earthfan  
The Waterloo Region voucher (WDV 399 at UWO; BOLD CCDB-42548-A8) was growing on a heavily decayed stump of unknown identity. Rare.

BRAN  
NORF  
WATE ✓



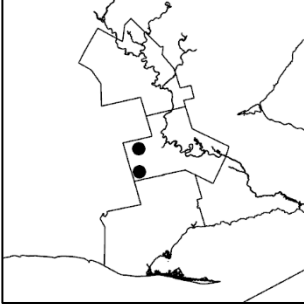
***Sistotrema coronilla*** (Höhn.) Donk ex D.P. Rogers  
There are six records from Brant County, but this species has not been documented in the study area since 1938.

BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Sistotrema raduloides*** (P. Karst.) Donk

BRAN ✓ (historical)  
NORF  
WATE



***Sistotrema subtrigonospermum*** D.P. Rogers

The only record for the study area is a 1936 collection from Brant County (FLAS 18913; TENN 11657).

BRAN ✓ (historical)

NORF

WATE

---

TULASNELLACEAE



***Tulasnella allantospora*** Wakef. & A. Pearson

The only record for the study area is a 1937 collection from Brant County (TENN 11646).

BRAN ✓ (historical)

NORF

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Tulasnella bifrons*** Bourdot & Galzin

BRAN ✓ (historical)

NORF

WATE

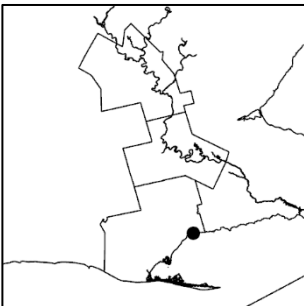
**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Tulasnella calospora*** (Boud.) Juel

BRAN

NORF ✓ (historical)

WATE



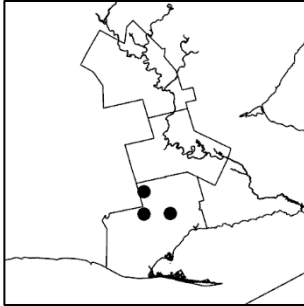
***Tulasnella pinicola*** Bres.

The only record for the study area is a 1954 collection from Turkey Point (WSP 43272).

BRAN ✓ (historical)

NORF

WATE



***Tulasnella pruinosa*** Bourdot & Galzin

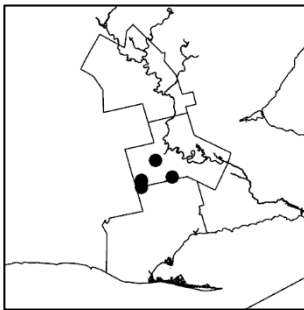
There are three records from Norfolk County, but this species has not been documented in the study area since 1939.

BRAN  
NORF ✓ (historical)  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Tulasnella traumatica*** (Bourdot & Galzin) Sacc. & Trotter

BRAN ✓ (historical)  
NORF  
WATE



***Tulasnella violea*** (Quél.) Bourdot & Galzin

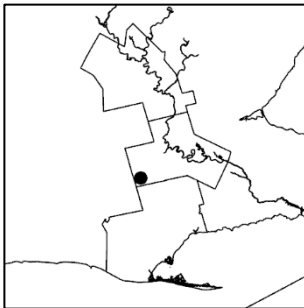
There are records from Brant County and Norfolk County, but this species has not been documented in the study area since 1954.

BRAN ✓ (historical)  
NORF ✓ (historical)  
WATE

---

## Corticiales

### CORTICIACEAE



***Corticium contiguum*** P. Karst.

The only record for the study area is a 1937 collection from Brant County (TRTC 12531, 12536).

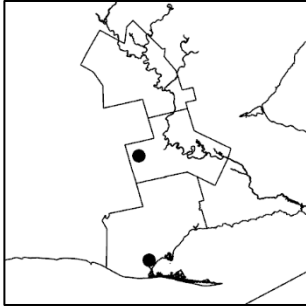
BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Corticium minnsiae*** (H.S. Jacks.) Boidin & Lanq.

BRAN ✓ (historical)  
NORF  
WATE

---



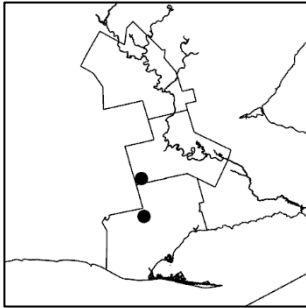
***Corticium pini*** (H.S. Jacks.) Boidin & Lanq.

Records from Brant County and Norfolk County, but this species has not been documented in the study area since 1989.

BRAN ✓ (historical)

NORF ✓ (historical)

WATE



***Corticium radiosum*** (Fr.) Fr.

Records from Brant County and Norfolk County, but this species has not been documented in the study area since 1954.

BRAN ✓ (historical)

NORF ✓ (historical)

WATE

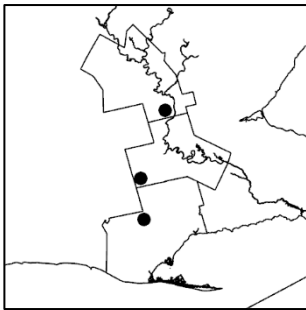
**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Corticium roseocarneum*** (Schwein.) Hjortstam

BRAN ✓ (historical)

NORF

WATE



***Corticium roseum*** Pers.

One recent record from Waterloo Region, historical records from Brant and Norfolk.

BRAN ✓ (historical)

NORF ✓ (historical)

WATE ✓



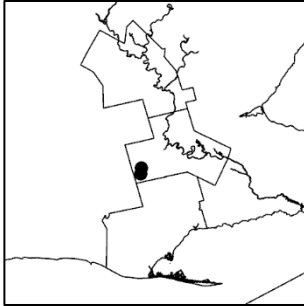
***Corticium scutellare*** Berk. & M.A. Curtis

The only record for the study area is a 1939 collection from Norfolk County (TRTC 15282).

BRAN

NORF ✓ (historical)

WATE



***Cytidia salicina*** (Fr.) Burt

Two records from Brant County, but this species has not been documented in the study area since 1937.

BRAN ✓ (historical)

NORF

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Mutatoderma heterocystidium*** (Burt) C.E. Gómez

BRAN ✓ (historical)

NORF

WATE

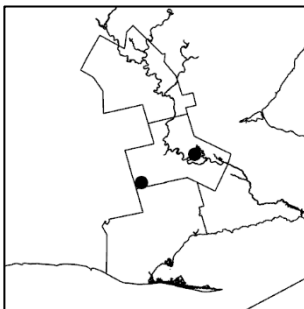
**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Mutatoderma mutatum*** (Peck) C.E. Gómez

BRAN ✓ (historical)

NORF

WATE



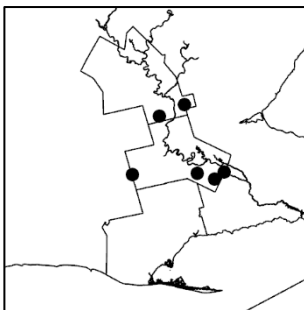
***Mycobernardia incrustans*** (Parmasto) Ghobad-Nejhad

Two records from Brant County, but this species has not been documented in the study area since 1934.

BRAN ✓ (historical)

NORF

WATE



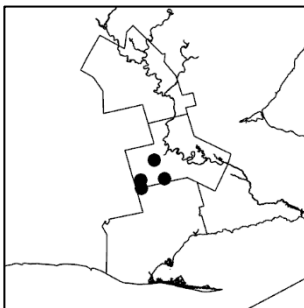
***Punctularia strigosozonata*** (Schwein.) P.H.B. Talbot – Tree Bacon

Saprobic on hardwoods, especially oaks and poplars. Vouchers are needed from Norfolk County.

BRAN ✓

NORF

WATE ✓



***Vuilleminia macrospora*** (Bres.) Hjortstam

Records from Brant County and Norfolk County, but this species has not been documented in the study area since 1937.

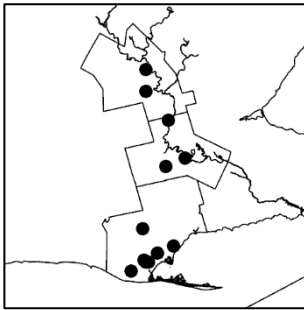
BRAN ✓ (historical)

NORF ✓ (historical)

WATE ✓

## Geastrales – Earthstars and Allies

### GEASTRACEAE – Earthstar Family



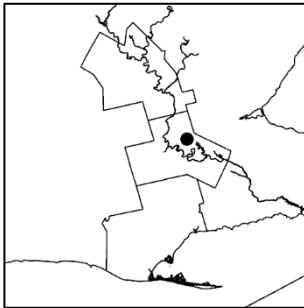
#### *Geastrum “triplex”*

Phylogenetic research by Kasuya *et al.* (2012) showed that what has been called *G. triplex* in North America is in fact an as-yet undescribed species (*G. triplex* in the strict sense occurs in southeast Asia). Unfortunately, this means that the most common earthstar in the study area remains unnamed.

BRAN ✓

NORF ✓

WATE ✓



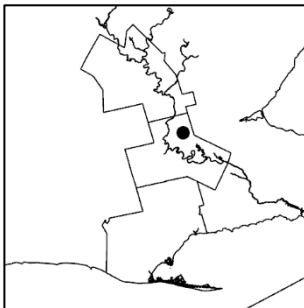
#### *Geastrum fimbriatum* Fr. – Sessile Earthstar

The only record for the study area is a 2021 observation from Brantford (iNaturalist 94144575).

BRAN ✓

NORF

WATE



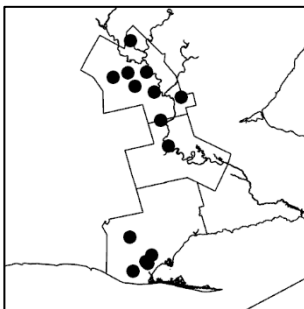
#### *Geastrum limbatum* Fr. – Crowned Earthstar

The only record for the study area is a 1942 collection from Brant County (TRTC 20831).

BRAN ✓ (historical)

NORF

WATE



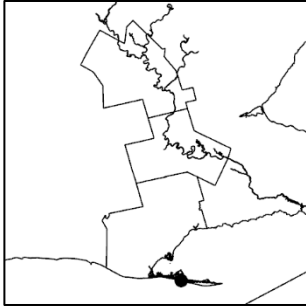
#### *Geastrum saccatum* Fr. – Rounded Earthstar

Like other earthstars, saprobic on a variety of woods.

BRAN ✓

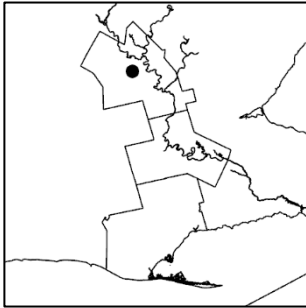
NORF ✓

WATE ✓



(R) *Myriostoma coliforme* (Dicks.) Corda – Pepper Pot  
Saprobic on a wide variety of plant material but restricted to exposed sandy habitats. In the study area it is known only from Long Point where it has been seen regularly since its discovery in 2022. Rare.

BRAN  
NORF ✓  
WATE



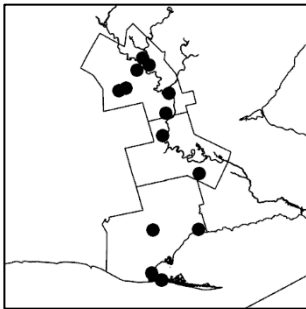
(R) *Sphaerobolus stellatus* Tode – Cannonball Fungus  
Saprobic; produces spore sacs that are powerfully discharged from the fruiting bodies, hence its common name. Rare; the only record for the study area is a 2021 observation from Waterloo Region (iNaturalist 99674165).

BRAN  
NORF  
WATE ✓

---

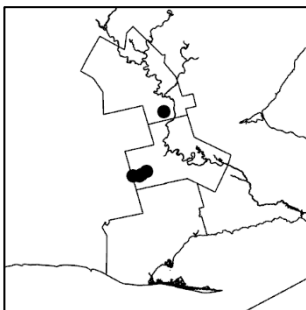
## Gloeophyllales – Mazegills and Allies

### GLOEOPHYLLACEAE – Mazegill Family



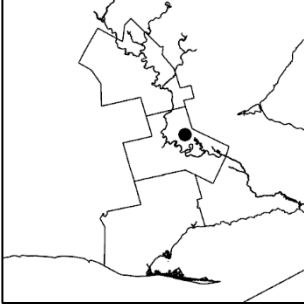
*Gloeophyllum sepiarium* (Wulfen) P. Karst. – Conifer Mazegill  
Saprobic on conifer wood, including treated lumber of fenceposts, park benches, decks, etc. Common.

BRAN ✓  
NORF ✓  
WATE ✓



*Gloeophyllum trabeum* (Pers.) Murrill – Timber Mazegill  
Saprobic on hardwood, especially old, dry, decorticated logs. Vouchers are needed from Norfolk County.

BRAN ✓  
NORF  
WATE ✓



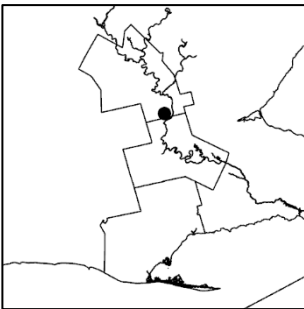
(R) *Neolentinus lepideus* (Fr.) Redhead & Ginns – Trainwrecker  
The only record for the study area is a 2022 observation from Brantford (iNaturalist 120227360). Rare.

BRAN ✓  
NORF  
WATE

---

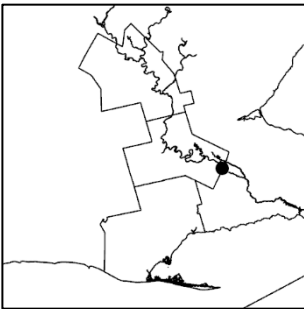
## Gomphales

### GOMPHACEAE



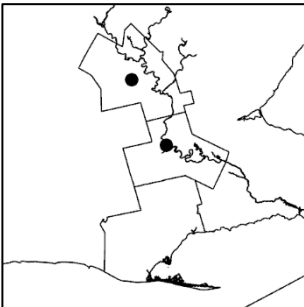
*Ramaria "sp-IN13"* S.D. Russell crypt. temp.  
The Waterloo Region voucher (WDV 313 at UWO; BOLD CCDB-42548-F2) was growing in mesic sandy woods under oaks.

BRAN  
NORF  
WATE ✓



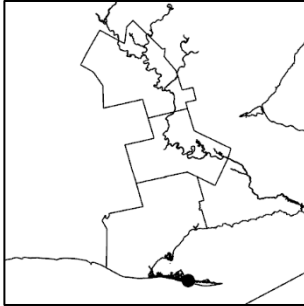
*Ramaria cyaneigranosa* Marr & D.E. Stuntz  
The Brant County voucher (WDV 680 at UWO) was growing in mesic woods under oaks, hickories, and eastern white pine.

BRAN ✓  
NORF  
WATE  
Canada N2N3



*Ramaria stricta* (Pers.) Qué. – Upright Coral Fungus  
Two iNaturalist records are mapped here with some hesitancy since microscopy is generally required to identify species of *Ramaria*.

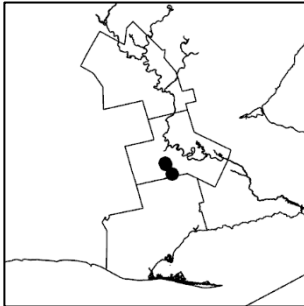
BRAN ✓  
NORF  
WATE ✓



***Ramaricium albo-ochraceum* (Bres.) Jülich**

There are three collections from Long Point, but this species has not been seen in the study area since 1946.

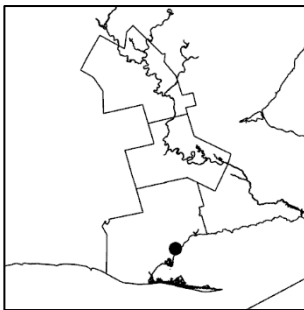
BRAN  
NORF ✓ (historical)  
WATE



***Ramaricium alboflavescens* (Ellis & Everh.) Ginns**

There are nine collections from Brant County, but this species has not been documented in the study area since 1939.

BRAN ✓ (historical)  
NORF  
WATE



**(R) *Turbinellus floccosus* (Schwein.) Earle ex Giachini & Castellano – Scaly Chanterelle**

The only record for the study area is a 2021 observation from Turkey Point (iNaturalist 91484686). Rare.

BRAN  
NORF ✓  
WATE

## Hymenochaetales

*Incertae sedis* – uncertain placement

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Basidioradulum radula* (Fr.) Nobles – Toothed Crust**

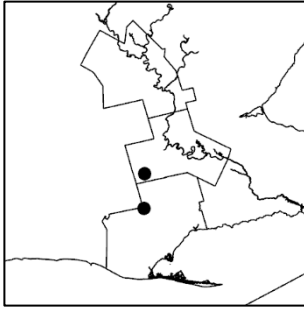
BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Kurtia argillacea* (Bres.) Karasiński**

BRAN ✓ (historical)  
NORF ✓ (historical)  
WATE

CHAETOPORELLACEAE



*Kneiffia subalutacea* (P. Karst.) Bres.

Records from Brant County and Norfolk County, but this species has not been documented in the study area since 1939.

BRAN ✓ (historical)

NORF ✓ (historical)

WATE

OCCURRENCE MAP  
NOT YET AVAILABLE

*Kneiffiella alienata* (S. Lundell) Jülich & Stalpers

BRAN ✓ (historical)

NORF

WATE

OCCURRENCE MAP  
NOT YET AVAILABLE

*Kneiffiella barba-jovis* (Bull.) P. Karst.

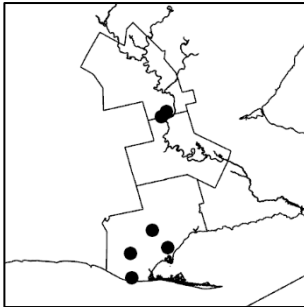
BRAN ✓ (historical)

NORF

WATE

---

COLTRICIACEAE – Funnel Polypore Family



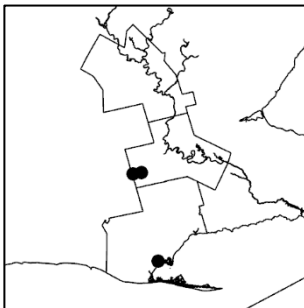
*Coltricia cinnamomea* (Jacq.) Murrill – Shiny Cinnamon Polypore

Ectomycorrhizal with hardwoods. Vouchers are needed from Brant County.

BRAN

NORF ✓

WATE ✓



*Coltricia perennis* (L.) Murrill – Brown Funnel Polypore

Ectomycorrhizal with conifers. Vouchers are needed from Waterloo Region.

BRAN ✓

NORF ✓

WATE

---

HYMENOCHAETACEAE

OCCURRENCE MAP  
NOT YET AVAILABLE

*Fibricium rude* (P. Karst.) Jülich

BRAN

NORF ✓ (historical)

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

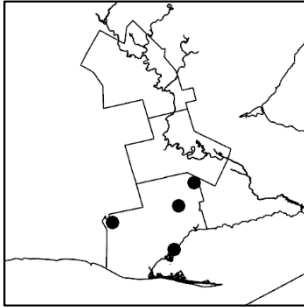
***Fulvifomes inermis*** (Ellis & Everh.) Y.C. Dai – Hollypore

Saprobic on the wood of hollies (*Ilex*), specifically winterberry (*I. verticillata*) in the study area. Vouchers are needed from Waterloo Region.

BRAN ✓

NORF ✓

WATE



***Fulvifomes robiniae*** (Murrill) Murrill – Cracked Cap Polypore

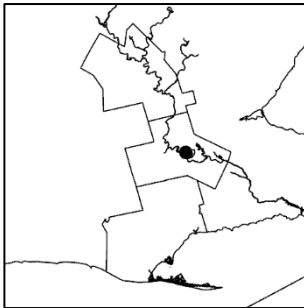
Saprobic on the wood of black locust (*Robinia pseudoacacia*). Known only from Norfolk County but possibly overlooked elsewhere in the study area.

BRAN

NORF ✓

WATE

Canada N1



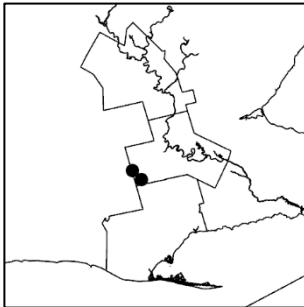
***Fuscoporia ferrea*** (Pers.) G. Cunn. – Cinnamon Porecrust

The only record for the study area is a 1934 collection from Brantford (TENN 7632).

BRAN ✓ (historical)

NORF

WATE



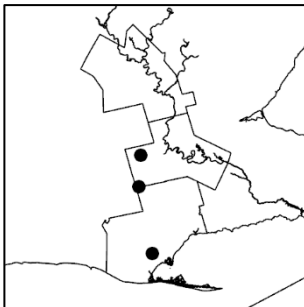
***Fuscoporia ferruginosa*** (Schrad.) Pat. – Rusty Porecrust

Two records from Brant County, but this species has not been documented in the study area since 1934.

BRAN ✓ (historical)

NORF

WATE



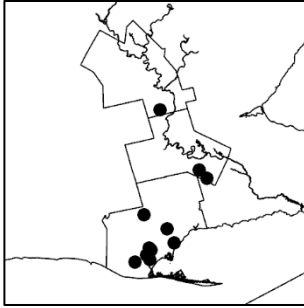
***Fuscoporia gilva*** (Schwein.) T. Wagner & M. Fisch. – Mustard Yellow Polypore

Saprobic on hardwoods. Vouchers are needed from Waterloo Region.

BRAN ✓

NORF ✓

WATE



***Hydnoportia olivacea*** (Schwein.) Teixeira – Brown-toothed Crust  
Saprobic on hardwoods; characteristically on corticated dead branches.  
BRAN ✓  
NORF ✓  
WATE ✓

**OCCURRENCE MAP  
NOT YET AVAILABLE**

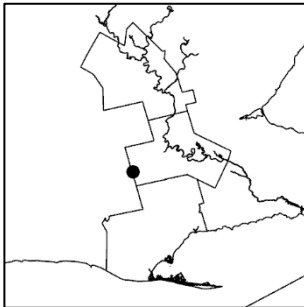
***Hydnoportia tabacina*** (Pers.) Bres.  
BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

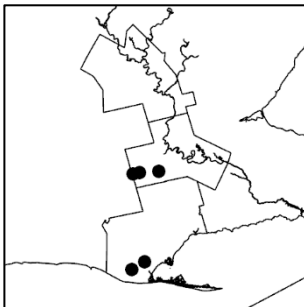
***Hymenochaete cinnamomea*** (Sowerby) Spirin, Miettinen & K.H. Larss. –  
Willow Glue  
BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

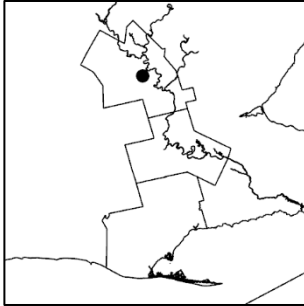
***Hymenochaete fuliginosa*** (Pers.) Lév.  
BRAN ✓ (historical)  
NORF  
WATE



***Hymenochaete resupinata*** (Sw.) Parmasto  
The only record for the study area is a 1932 collection from Brant County (NCU 12605).  
BRAN ✓ (historical)  
NORF  
WATE



***Hymenochaete rubiginosa*** (Dicks.) Lév. – Oak Curtain Crust  
Saprobic on logs stumps of oaks and other hardwoods. Vouchers are needed from Waterloo Region.  
BRAN ✓  
NORF ✓  
WATE



***Hymenochaete spreta*** Peck

The only record for the study area is a 1953 collection from Waterloo (WSP 43247).

BRAN

NORF

WATE ✓ (historical)



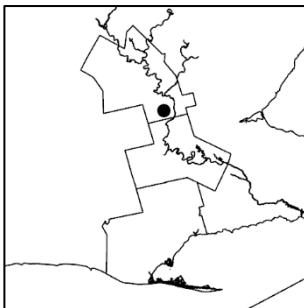
***Inocutis dryophila*** (Berk.) Fiasson & Niemelä

Saprobic on oaks and other hardwoods. The only record for the study area is a 1963 collection from Turkey Point (TRTC 41158).

BRAN

NORF ✓ (historical)

WATE



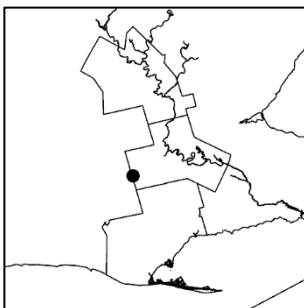
***Inocutis rheades*** (Pers.) Fiasson & Niemelä

The Waterloo Region voucher (WDV 514 at UWO) was growing on bigtooth aspen (*Populus grandidentata*).

BRAN

NORF

WATE ✓



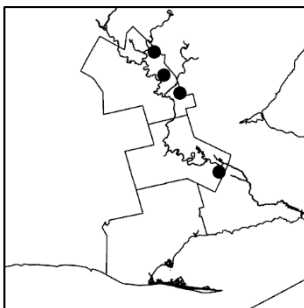
***Inonotus glomeratus*** (Peck) Murrill

The only record for the study area is a 1929 collection from Brant County (BPI 889334).

BRAN ✓ (historical)

NORF

WATE



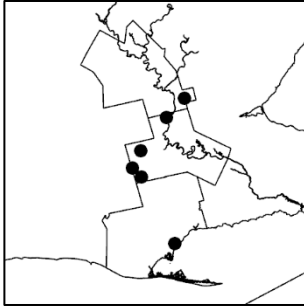
***Inonotus obliquus*** (Fr.) Pilát – Chaga

Parasitic on birch trees. Most frequently documented are the corky burls caused by this species; fruiting bodies are very rarely encountered. Vouchers are needed from Norfolk County.

BRAN ✓

NORF

WATE ✓



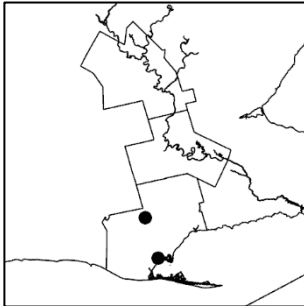
***Phellinopsis conchata*** (Pers.) Y.C. Dai

Saprobic on hardwoods, especially hawthorns (*Crataegus*).

BRAN ✓

NORF ✓

WATE ✓



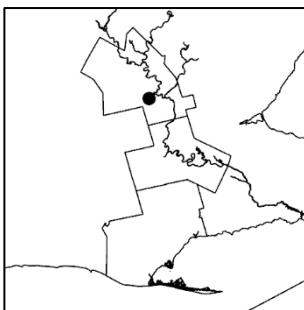
***Phellinus everhartii*** (Ellis & Galloway) A. Ames

Saprobic on oaks and other hardwoods. Two records from Norfolk County, but this species has not been documented in the study area since 1957.

BRAN

NORF ✓ (historical)

WATE



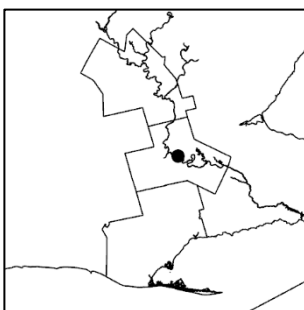
***Phellinus tremulae*** (Bondartsev) Bondartsev & P.N. Borisov – Aspen Bracket

Saprobic on poplars (*Populus*). The only record for the study area is a 2019 observation from Waterloo Region (iNaturalist 20045356).

BRAN

NORF

WATE ✓



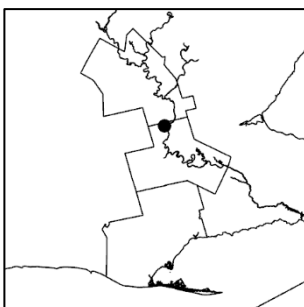
***Porodaedalea pini*** (Brot.) Murrill – Pine Bracket

The only record for the study area is a 1932 collection from Brantford (TRTC 3910).

BRAN ✓ (historical)

NORF

WATE



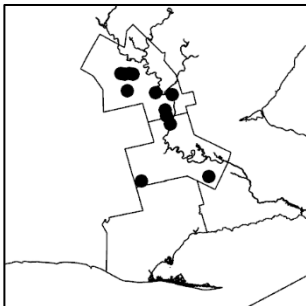
(R) ***Pseudoinonotus dryadaeus*** (Pers.) T. Wagner & M. Fisch. – Oak Bracket

The only record for the study area is a 2024 observation from Brant County. Rare.

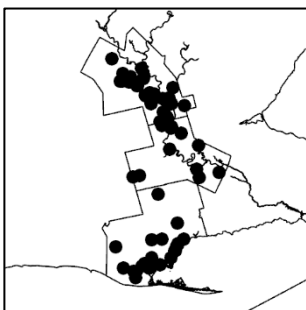
BRAN ✓

NORF

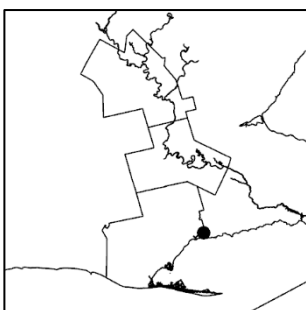
WATE



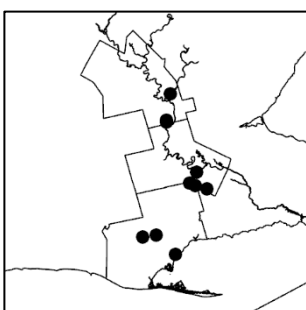
***Trichaptum abietinum*** (Dicks.) Ryvarden – Purple-pored Bracket  
 Saprobic on conifers. Vouchers are needed from Waterloo Region.  
 BRAN ✓  
 NORF  
 WATE ✓



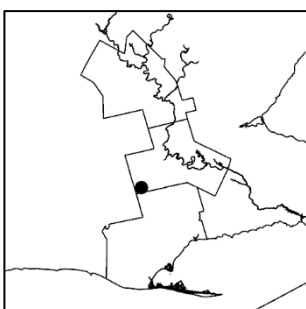
***Trichaptum bifforme*** (Fr.) Ryvarden – Violet-toothed Polypore  
 Saprobic on hardwoods. Common. Many occurrences are host to *Phaeocalicium polyporaeum*, a stubble lichen which grows only on this species.  
 BRAN ✓  
 NORF ✓  
 WATE ✓



(R) ***Trichaptum fuscoviolaceum*** (Ehrenb.) Ryvarden – Brown Purple-pored Bracket  
 The Norfolk County voucher (iNaturalist 218198787) was growing on eastern hemlock (*Tsuga canadensis*). Rare.  
 BRAN  
 NORF ✓  
 WATE



***Trichaptum subchartaceum*** (Murrill) Ryvarden – Leathery Violet Polypore  
 Saprobic on hardwoods, especially poplars (*Populus*).  
 BRAN ✓  
 NORF ✓  
 WATE ✓



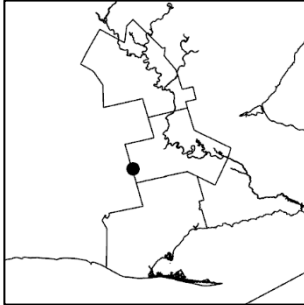
***Xanthoporia radiata*** (Sowerby) Tura, Zmitr., Wasser, Raats & Nevo – Alder Bracket  
 The only record for the study area is a 1935 collection from Brant County (FLAS 32875; MSC 231266).  
 BRAN ✓ (historical)  
 NORF  
 WATE

HYPHODONTIACEAE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

*Hyphodontia arguta* (Fr.) J. Erikss.

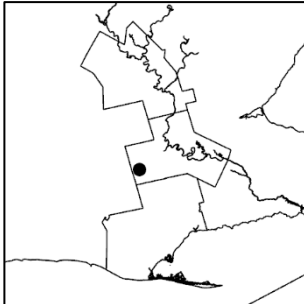
BRAN ✓ (historical)  
NORF  
WATE



*Hyphodontia pallidula* (Bres.) J. Erikss.

Two records from Brant County, but this species has not been documented in the study area since 1938.

BRAN ✓ (historical)  
NORF  
WATE



*Hyphodontia spathulata* (Schrad.) Bres.

The only record for the study area is a 1937 collection from Brant County (TENN 11642).

BRAN ✓ (historical)  
NORF  
WATE

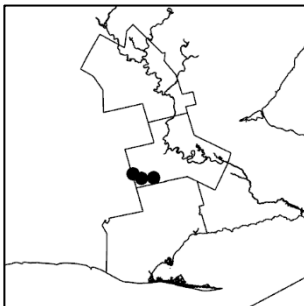
---

PENIOPHORELLACEAE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

*Peniophorella clavigera* (Bres.) K.H. Larss.

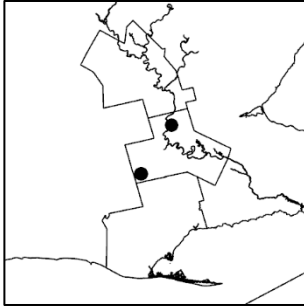
BRAN ✓ (historical)  
NORF  
WATE



*Peniophorella guttulifera* (P. Karst.) K.H. Larss.

Three records from Brant County, but this species has not been documented in the study area since 1941.

BRAN ✓ (historical)  
NORF  
WATE



***Peniophorella pallida*** (Bres.) K.H. Larss.

Three records from Brant County, but this species has not been documented in the study area since 1941.

BRAN ✓ (historical)

NORF

WATE

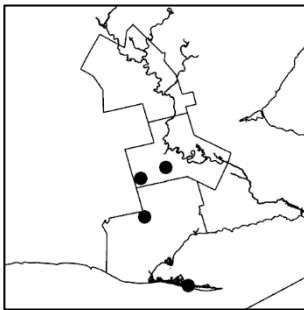
**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Peniophorella pubera*** (Fr.) P. Karst.

BRAN ✓ (historical)

NORF

WATE



***Peniophorella tsugae*** (Burt) K.H. Larss.

Records from Brant County and Norfolk County, but this species has not been documented in the study area since 1939.

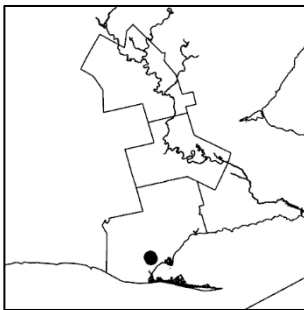
BRAN ✓ (historical)

NORF ✓ (historical)

WATE

---

RICKENELLACEAE – Moss Agaric Family



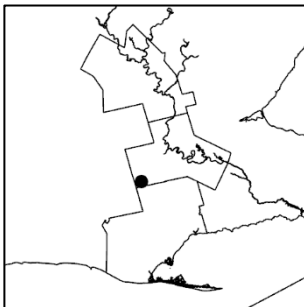
(R) ***Cotyldia undulata*** (Fr.) P. Karst. – Stalked Rosette

The only record for the study area is a 2014 collection from Norfolk County (UWO DM10). Rare.

BRAN

NORF ✓

WATE



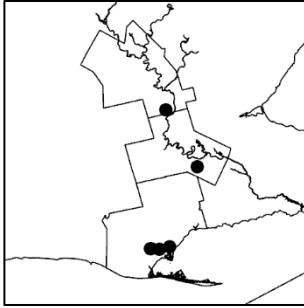
***Resinicium praeteritum*** (H.S. Jacks. & Dearden) Ginns & M.N.L. Lefebvre

The only record for the study area is a 1939 collection from Brant County (ILL 57578).

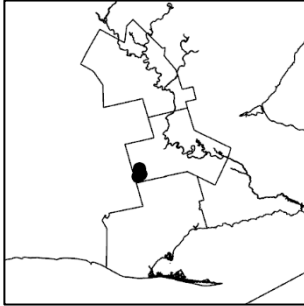
BRAN ✓ (historical)

NORF

WATE

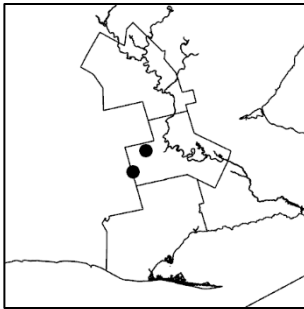


***Rickenella fibula*** (Bull.) Raitelh. – Orange Moss Navel  
 Saprobic; occurs characteristically in moist mossy sites.  
 BRAN ✓  
 NORF ✓  
 WATE ✓



***Sidera lenis*** (P. Karst.) Miettinen  
 Two records from Brant County, but this species has not been documented in the study area since 1943.  
 BRAN ✓ (historical)  
 NORF  
 WATE

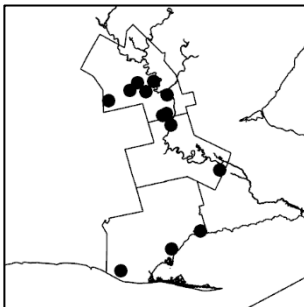
RIGIDOPORACEAE



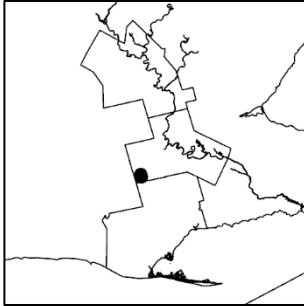
***Oxyporus corticola*** (Fr.) Ryvarden  
 Two records from Brant County, but this species has not been documented in the study area since 1956.  
 BRAN ✓ (historical)  
 NORF  
 WATE

**OCCURRENCE MAP  
 NOT YET AVAILABLE**

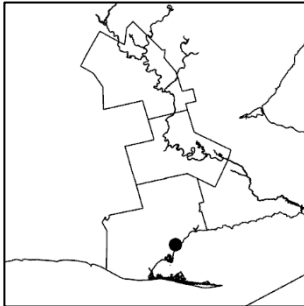
***Oxyporus similis*** (Bres.) Ryvarden  
 BRAN ✓ (historical)  
 NORF  
 WATE



***Rigidoporus populinus*** (Schumach.) Pouzar – Poplar Bracket  
 Saprobic on poplars (*Populus*) and hardwoods. Common.  
 BRAN ✓  
 NORF ✓  
 WATE ✓



***Rigidoporus sanguinolentus*** (Alb. & Schwein.) Donk – Bleeding Porecrust  
Two records for Brant County, but this species has not been documented in the study area since 1938.  
BRAN ✓ (historical)  
NORF  
WATE



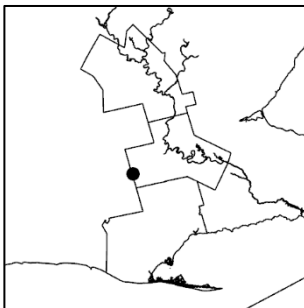
***Rigidoporus undatus*** (Pers.) Donk  
The Norfolk County voucher (WDV 730 at UWO) was growing on a decorticated log in mixed oak-pine woods.  
BRAN  
NORF ✓  
WATE

---

SCHIZOPORACEAE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Lyomyces crustosus*** (Pers.) P. Karst.  
BRAN ✓ (historical)  
NORF  
WATE

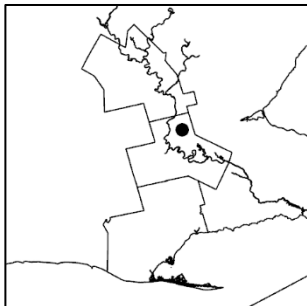


***Lyomyces sambuci*** (Pers.) P. Karst. – Elder Whitewash  
Two records for Brant County, but this species has not been documented in the study area since 1937.  
BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Xylodon asper*** (Fr.) Hjortstam & Ryvar den  
BRAN ✓ (historical)  
NORF  
WATE

---

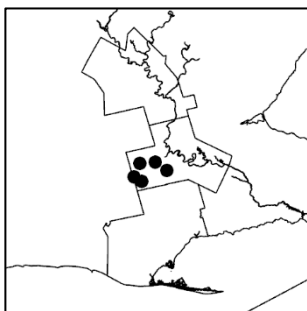


***Xylodon paradoxus*** (Schrad.) Chevall. – Split Porecrust

The only record for the study area is a 2021 observation from Brant County (iNaturalist 100856996).

BRAN  
NORF  
WATE ✓

SKVORTZOVIACEAE



***Skvortzovia furfuracea*** (Bres.) G. Gruhn & Hallenberg

Eight records for Brant County, but this species has not been documented in the study area since 1943.

BRAN ✓ (historical)  
NORF  
WATE

TUBULICRINACEAE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Tubulicrinis accedens*** (Bourdot & Galzin) Donk

BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Tubulicrinis chaetoporus*** (Höhn.) Donk

BRAN  
NORF ✓ (historical)  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Tubulicrinis hirtellus*** (Bourdot & Galzin) J. Erikss.

BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Tubulicrinis medius*** (Bourdot & Galzin) Oberw.

BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Tubulicrinis sceptrifer*** (H.S. Jacks. & Weresub) Donk

BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP**

***Tubulicrinis sororius*** (Bourdot & Galzin) Oberw.

**NOT YET AVAILABLE**

BRAN  
 NORF ✓ (historical)  
 WATE

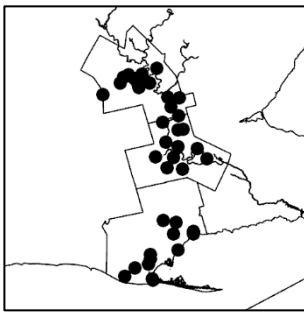


***Tubilicrinis subulatus*** (Bourdot & Galzin) Donk  
 Records from Brant County and Norfolk County, but this species has not been documented in the study area since 1939.  
 BRAN ✓ (historical)  
 NORF ✓ (historical)  
 WATE

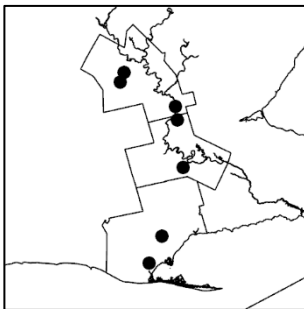
**Phallales – Stinkhorns and Allies**

PHALLACEAE – Stinkhorn Family

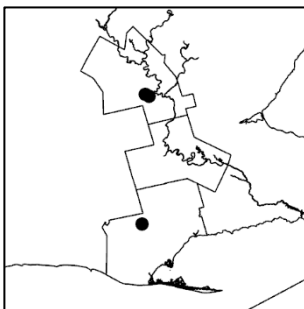
Species of *Mutinus* and *Phallus* are saprobic on all kinds of well-decayed wood and are often encountered on woodchips in landscaped areas.



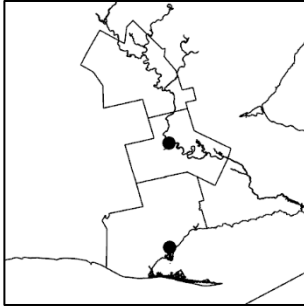
***Mutinus elegans*** (Mont.) E. Fisch. – Devil’s Dipstick  
 Common.  
 BRAN ✓  
 NORF ✓  
 WATE ✓



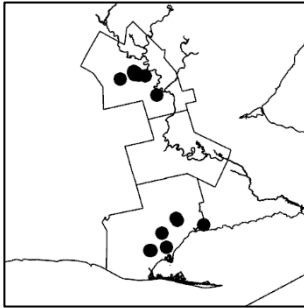
***Mutinus ravenelii*** (Berk.) E. Fisch. – Red Stinkhorn  
 BRAN ✓  
 NORF ✓  
 WATE ✓



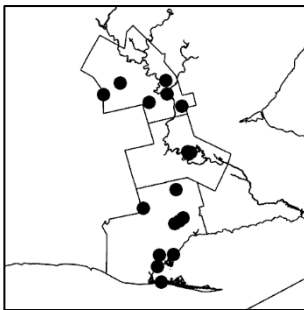
(R) ***Phallus duplicatus*** Bosc – Skirted Stinkhorn  
 Rare.  
 BRAN  
 NORF ✓  
 WATE ✓



(R) *Phallus impudicus* L. – Common Stinkhorn  
 Rare.  
 BRAN ✓  
 NORF ✓  
 WATE



*Phallus ravenelii* Berk. & M.A. Curtis – Ravenel’s Stinkhorn  
 Common, but vouchers are needed from Brant County.  
 BRAN  
 NORF ✓  
 WATE ✓



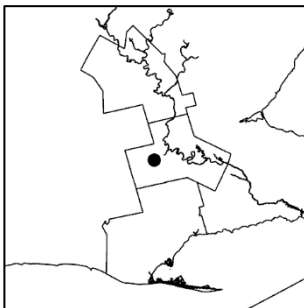
*Phallus rugulosus* (E. Fisch.) Lloyd – Wrinkly Stinkhorn  
 Common.  
 BRAN ✓  
 NORF ✓  
 WATE ✓

## Polyporales – Polypores and Allies

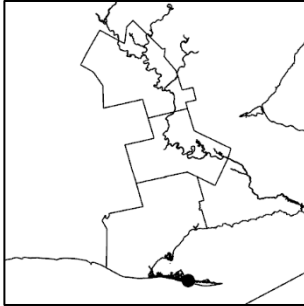
*Incertae sedis* – uncertain placement

**OCCURRENCE MAP  
 NOT YET AVAILABLE**

*Aphanobasidium filicinum* (Bourdot) Jülich  
 BRAN ✓ (historical)  
 NORF  
 WATE



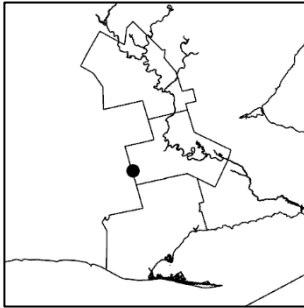
*Aphanobasidium pseudotsugae* (Burt) Boidin & Gilles  
 The only record for the study area is a 1938 collection from Brant County (TRTC 13702).  
 BRAN ✓ (historical)  
 NORF  
 WATE



***Cerocorticium sulfureoisabellinum*** (Litsch.) Jülich & Stalpers

The only record for the study area is a 1939 collection from Long Point (TRTC 14933).

BRAN  
NORF ✓ (historical)  
WATE

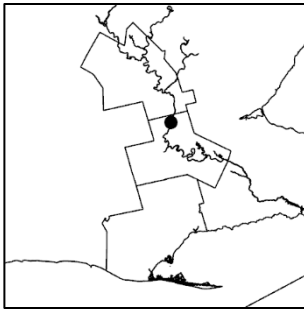


***Poria flavicans*** (P. Karst.) Sacc. & P. Syd.

The only record for the study area is a 1937 collection from Brant County (BPI 886590).

BRAN ✓ (historical)  
NORF  
WATE

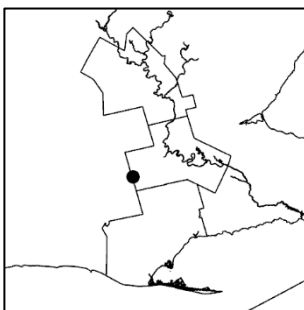
**AEGERITACEAE – Couscous Crust Family**



***Aegerita candida*** Pers. – Couscous Crust

A unique fungus adapted to seasonally flooded habitats; forms free-floating spore sacs for spore dispersal. The Brant County voucher (iNaturalist 247803976) was on the undersides of rotten logs in a dry vernal pool.

BRAN ✓  
NORF  
WATE



***Gyrophanopsis polonensis*** (Bres.) Stalpers & P.K. Buchanan

The only record for the study area is a 1938 collection from Brant County (NY 536390).

BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Hypochnella violacea*** Auersw. ex J. Schröt.

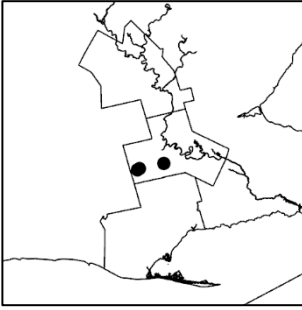
BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Hypochnicium bombycinum*** (Sommerf.) J. Erikss.

BRAN ✓ (historical)  
NORF

WATE



***Hypochnicium punctulatum*** (Cooke) J. Erikss.

Four records from Brant County, but this species has not been documented in the study area since 1939.

BRAN ✓ (historical)

NORF

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Neohypochnicium geogenium*** (Bres.) N. Maek.

BRAN ✓ (historical)

NORF

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Neohypochnicium punctulatum*** (Cooke) N. Maek.

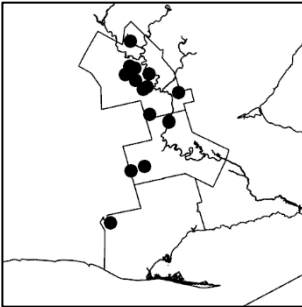
BRAN ✓ (historical)

NORF

WATE

---

CERRENACEAE – Mossy Maze Polypore Family



***Cerrena unicolor*** (Bull.) Murrill – Mossy Maze Polypore

Saprobic on conifers and sometimes hardwoods. Common.

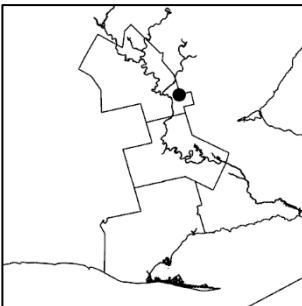
BRAN ✓

NORF ✓

WATE ✓

---

DACRYOBOLACEAE



(R) ***Jahnoporus hirtus*** (Cooke) Nuss

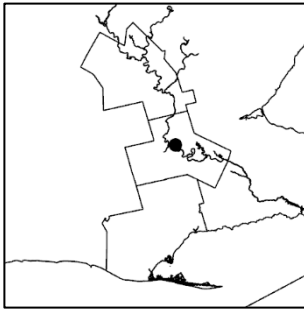
The only record for the study area is a 2023 observation from Cambridge (iNaturalist 195194374). Rare.

BRAN

NORF

WATE ✓

FOMITOPSISIDACEAE

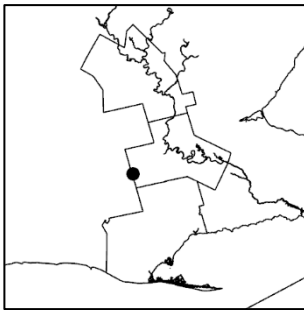


*Amaropostia stiptica* (Pers.) B.K. Cui, L.L. Shen & Y.C. Dai – Bitter Bracket  
The Brant County voucher (WDV 386 at UWO; BOLD CCDB-42548-F8) was growing on a decorticated log of unknown identity.

BRAN ✓

NORF

WATE



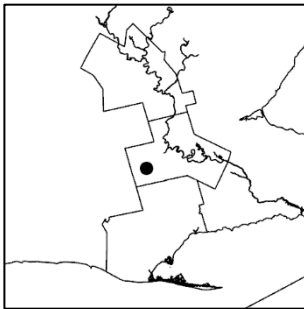
*Antrodia albida* (Fr.) Donk

The only record for the study area is a 1932 collection from Brant County (TRTC 4309).

BRAN ✓ (historical)

NORF

WATE



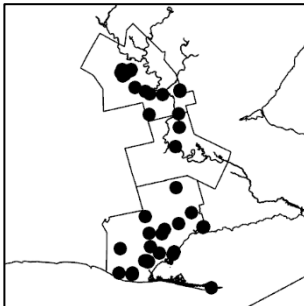
*Daedalea xantha* (Fr.) A. Roy & A.B. De (= *Antrodia xantha* (Fr.) Ryvaden) – Yellow Porecrust

The only record for the study area is a 1932 collection from Brant County (TRTC 3902).

BRAN ✓ (historical)

NORF

WATE

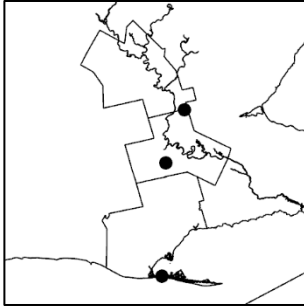


*Fomitopsis betulina* (Bull.) B.K. Cui, M.L. Han & Y.C. Dai – Birch Polypore  
Saprobic on birch (*Betula*). Common.

BRAN ✓

NORF ✓

WATE ✓



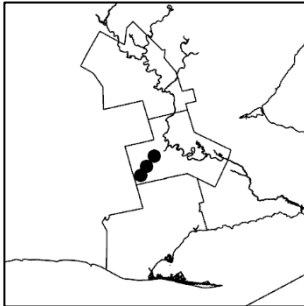
***Fomitopsis cajanderi*** (P. Karst.) Kotl. & Pouzar – Rosy Conk

Saprobic on conifers, especially spruce (*Picea*).

BRAN ✓

NORF ✓

WATE ✓



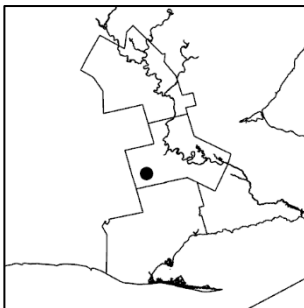
***Fomitopsis malicola*** (Berk. & M.A. Curtis) Spirin

Three records for Brant County, but this species has not been documented in the study area since 1941.

BRAN ✓ (historical)

NORF

WATE



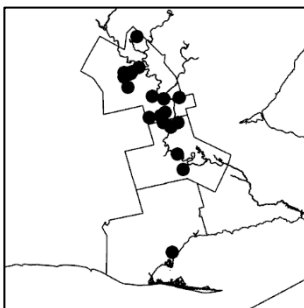
***Fomitopsis morganii*** (Lloyd) Spirin & Vlasák

The only record for the study area is a 1934 collection from Brant County (TRTC 6770).

BRAN ✓ (historical)

NORF

WATE



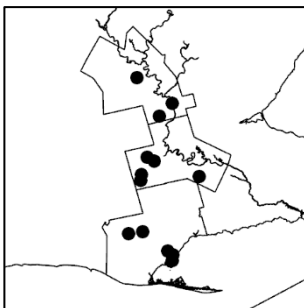
***Fomitopsis mounceae*** Haight & Nakasone – Northern Red Belt

Saprobic on conifers; rarely on hardwoods. Common.

BRAN ✓

NORF ✓

WATE ✓



***Fomitopsis quercina*** (L.) V. Spirin & O. Miettinen (= *Daedalea quercina* (L.)

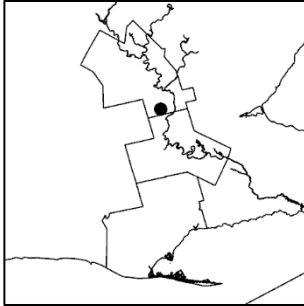
Pers.) – Oak Mazegill

Saprobic on hardwoods, especially oaks (*Quercus*). Common.

BRAN ✓

NORF ✓

WATE ✓



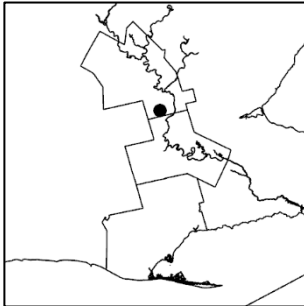
***Fomitopsis rosea*** (Alb. & Schwein.) P. Karst.

The Waterloo Region voucher (iNaturalist 250492683) was growing on a spruce stump.

BRAN

NORF

WATE ✓



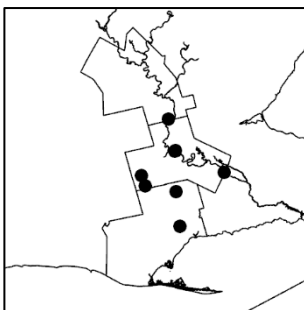
***Fomitopsis serialis*** (Fr.) Pass. ex P. Karst. – Serried Porecrust

The Waterloo Region voucher (WDV 568 at UWO) was growing on the cut end of a pine log.

BRAN

NORF

WATE ✓



***Fomitopsis spraguei*** (Berk. & M.A. Curtis) Gilb. & Ryvarden – Green Cheese

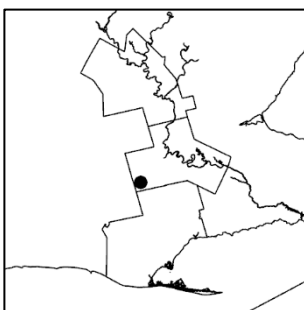
Polypore

Saprobic on a wide variety of dead wood.

BRAN ✓

NORF ✓

WATE ✓



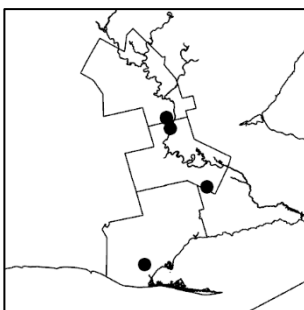
***Fomitopsis variiformis*** (Peck) Vlasák & Spirin

The only record for the study area is a 1936 collection from Brant County (TRTC 10340).

BRAN ✓ (historical)

NORF

WATE



***Fuscopostia fragilis*** (Fr.) B.K. Cui, L.L. Shen & Y.C. Dai – Brown-staining

Cheese Polypore

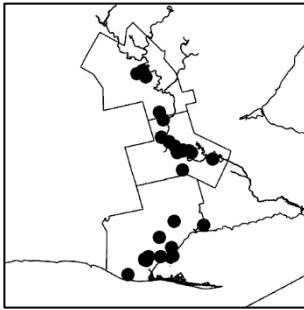
Saprobic on conifers; all records for the study area are from eastern white pine (*Pinus strobus*).

BRAN ✓

NORF ✓

WATE ✓

GRIFOLACEAE – Hen-of-the-woods Family



***Grifola frondosa*** (Dicks.) Gray – Hen-of-the-woods  
Saprobic on hardwoods, especially oaks (*Quercus*). Common.

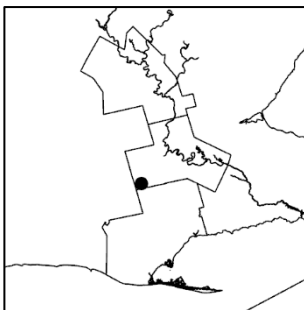
BRAN ✓

NORF ✓

WATE ✓

---

INCRUSTOPORIACEAE

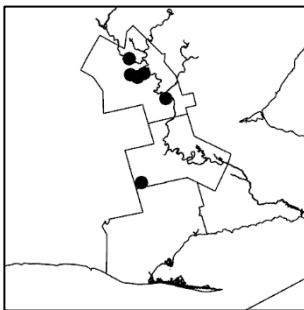


***Skeletocutis semipileata*** (Peck) Miettinen & A. Korhonen – Hazel Bracket  
The only record for the study area is a 1934 collection from Brant County (BPI 888282).

BRAN ✓ (historical)

NORF

WATE

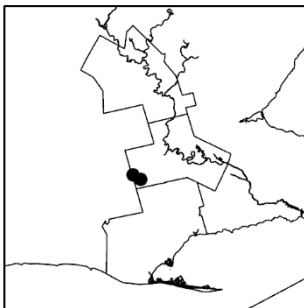


***Tyromyces chioneus*** (Fr.) P. Karst. – White Cheese Polypore  
Saprobic on hardwoods. Vouchers are needed from Norfolk County.

BRAN ✓

NORF

WATE ✓



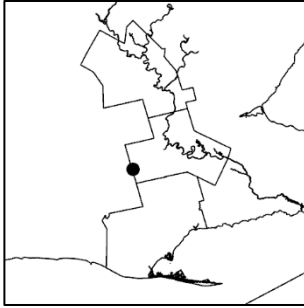
***Tyromyces fumidiceps*** G.F. Atk.

Two records for Brant County, but this species has not been documented in the study area since 1938.

BRAN ✓ (historical)

NORF

WATE



***Tyromyces galactinus*** (Berk.) J. Lowe

The only record for the study area is a 1938 collection from Brant County (TRTC 13952).

BRAN ✓ (historical)

NORF

WATE

---

IRPICACEAE



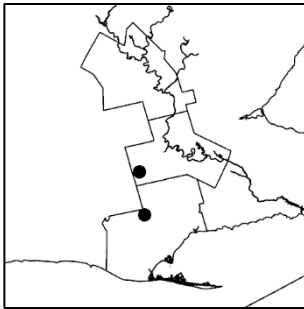
***Ceriporia punicans*** Vlasák & Spirin

The Norfolk County voucher (WDV 741 at UWO; BOLD CCDB-48874-H12) was growing on a decorticated log in mixed oak-pine woods.

BRAN

NORF ✓

WATE



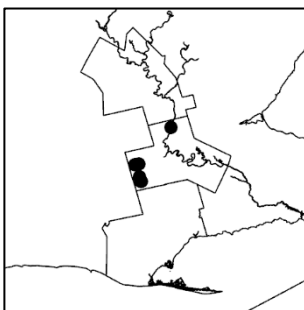
***Ceriporia reticulata*** (Hoffm.) Domański

Records from Brant County and Norfolk County, but this species has not been documented in the study area since 1954.

BRAN ✓ (historical)

NORF ✓ (historical)

WATE



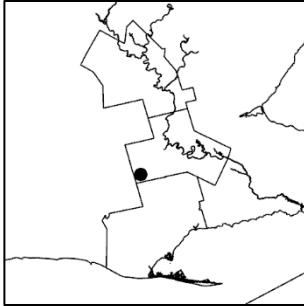
***Ceriporia spissa*** (Schwein. ex Fr.) Rajchenb.

Saprobic on hardwoods.

BRAN ✓

NORF

WATE



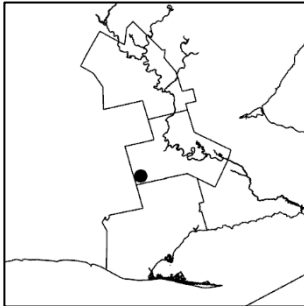
***Ceriporia tarda*** (Berk.) Ginns – Mauve Waxpore

The only record for the study area is a 1937 collection from Brant County (TRTC 19888).

BRAN ✓ (historical)

NORF

WATE



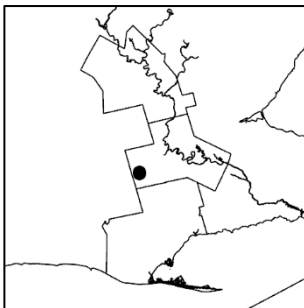
***Ceriporia viridans*** (Berk. & Broome) Donk

The only record for the study area is a 1937 collection from Brant County (TRTC 19833).

BRAN ✓ (historical)

NORF

WATE



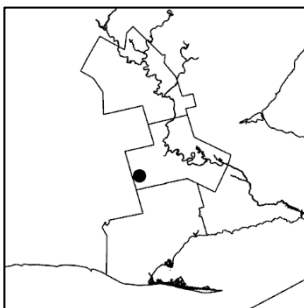
***Crystallicutis serpens*** (Tode) El-Gharabawy, Leal-Dutra & G.W. Griff.

The only record for the study area is a 1936 collection from Brant County (TENN 14846; TRTC 12787).

BRAN ✓ (historical)

NORF

WATE



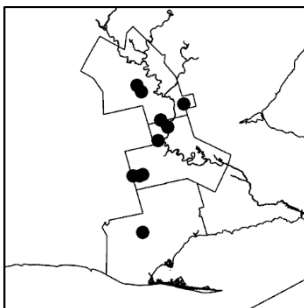
***Efibula tuberculata*** (P. Karst.) Zmitr. & Spirin

The only record for the study area is a 1937 collection from Brant County (TRTC 13979).

BRAN ✓ (historical)

NORF

WATE



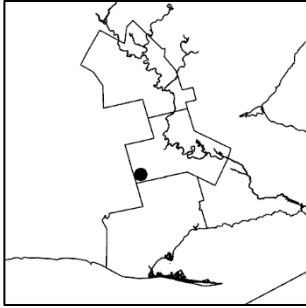
***Gloeoporus dichrous*** (Fr.) Bres. – Bicolored Bracket

Saprobic on hardwoods.

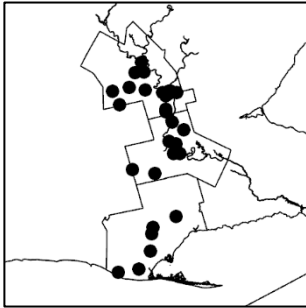
BRAN ✓

NORF ✓

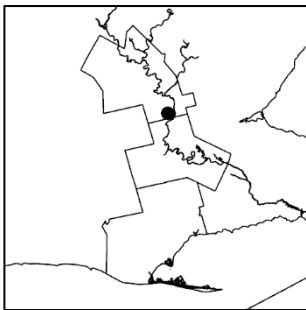
WATE ✓



***Gloeoporus pannocinctus*** (Romell) J. Erikss. – Green Porecrust  
 Two records for Brant County, but this species has not been documented in the study area since 1954.  
 BRAN ✓ (historical)  
 NORF  
 WATE



***Irpex lacteus*** (Schwein.) Schwein. – Milky Crust  
 Saprobic on hardwoods. Common.  
 BRAN ✓  
 NORF ✓  
 WATE ✓



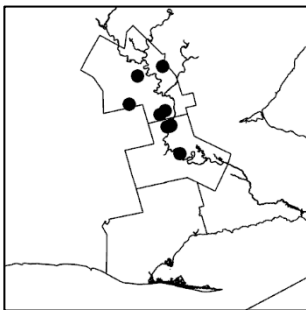
***Irpex latemarginatus*** (Durieu & Mont.) C.C. Chen & Sheng H. Wu  
 The only record for the study area is a 2018 observation from Waterloo Region (iNaturalist 9947679).

**OCCURRENCE MAP  
 NOT YET AVAILABLE**

***Meruliopsis taxicola*** (Pers.) Bondartsev  
 BRAN ✓ (historical)  
 NORF  
 WATE

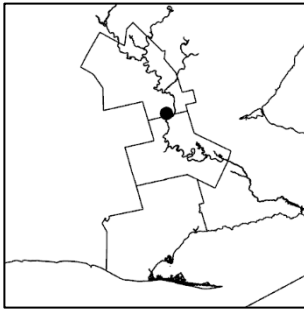
**OCCURRENCE MAP  
 NOT YET AVAILABLE**

***Raduliporus aneirinus*** (Sommerf.) Spirin & Zmitr.  
 BRAN ✓ (historical)  
 NORF  
 WATE



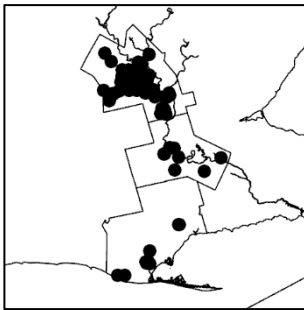
***Trametopsis cervina*** (Schwein.) Tomšovský – Deer-colored Bracket  
 Saprobic on hardwoods. Vouchers are needed from Norfolk County.  
 BRAN ✓  
 NORF  
 WATE ✓

ISCHNODERMATACEAE



(R) *Ischnoderma benzoinum* (Wahlenb.) P. Karst. – Benzoin Bracket  
Saprobic on conifers. The Waterloo Region voucher (iNaturalist 36174359) was growing on eastern white pine (*Pinus strobus*). Rare.

BRAN  
NORF  
WATE ✓

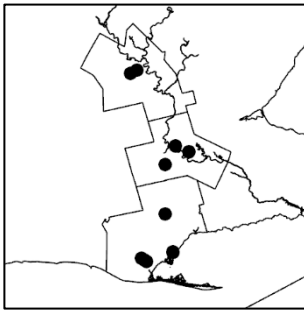


*Ischnoderma resinorum* (Schrad.) P. Karst. – Resinous Polypore  
Saprobic on hardwoods. Common.

BRAN ✓  
NORF ✓  
WATE ✓

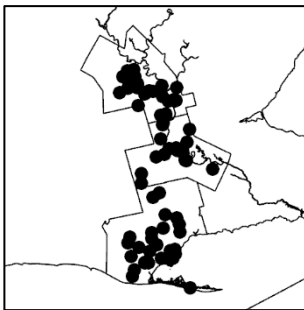
---

LAETIPORACEAE – Chicken-of-the-woods Family



*Laetiporus cincinnatus* (Morgan) Burds., Banik & T.J. Volk – White-pored  
Chicken-of-the-woods  
Saprobic on hardwoods.

BRAN ✓  
NORF ✓  
WATE ✓



*Laetiporus sulphureus* (Bull.) Murrill – Common Chicken-of-the-woods  
Saprobic on hardwoods. Common.

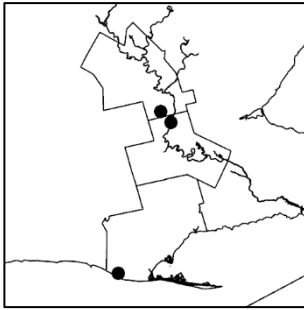
BRAN ✓  
NORF ✓  
WATE ✓

---

MERIPILACEAE



(R) *Meripilus sumstinei* (Murrill) M.J. Larsen & Lombard – Black-staining Polypore  
Saprobic on hardwoods. Rare; known only from Norfolk County.  
BRAN  
NORF ✓  
WATE  
Canada N2



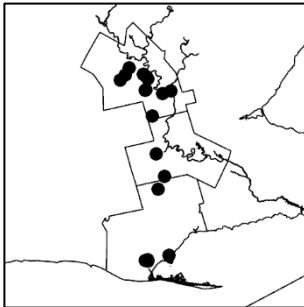
*Physisporinus crocatus* (Pat.) F. Wu, Jia J. Chen & Y.C. Dai  
Saprobic on all kinds of wood.  
BRAN ✓  
NORF ✓  
WATE ✓

**OCCURRENCE MAP  
NOT YET AVAILABLE**

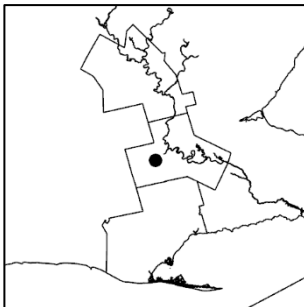
*Physisporinus sanguinolentus* (Alb. & Schwein.) Pilát – Bleeding Porecrust  
BRAN ✓ (historical)  
NORF  
WATE

---

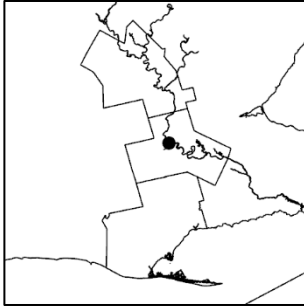
MERULIACEAE – Trembling Crust Family



*Climacodon septentrionalis* (Fr.) P. Karst. – Northern Tooth  
Saprobic and possibly parasitic on hardwoods. Common.  
BRAN ✓  
NORF ✓  
WATE ✓

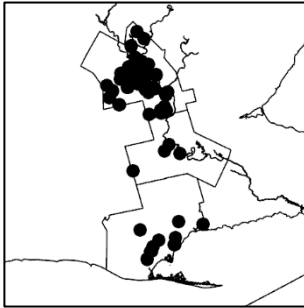


*Cytidiella albida* (H. Post) C.C. Chen & Sheng H. Wu  
The only record for the study area is a 1938 collection from Brant County (MSC 218301).  
BRAN ✓ (historical)  
NORF  
WATE



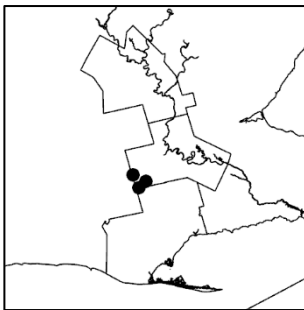
***Hydnophlebia chrysorhiza*** (Eaton) Parmasto – Spreading Yellow Tooth  
The Brant County voucher (iNaturalist 177565651) was on the underside of a rotten log of unknown identity.

BRAN ✓  
NORF  
WATE



***Merulius tremellosus*** Schrad. – Trembling Crust  
Saprobic on all kinds of wood. Common.

BRAN ✓  
NORF ✓  
WATE ✓



***Mycoacia aurea*** (Fr.) J. Erikss. & Ryvarden  
Three records for Brant County, but this species has not been documented in the study area since 1943.

BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Mycoacia fuscoatra*** (Fr.) Donk

BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

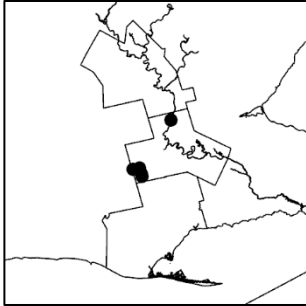
***Mycoacia livida*** (Pers.) Zmitr.

BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Mycoacia squalina*** (Fr.) M.P. Christ.

BRAN ✓ (historical)  
NORF  
WATE



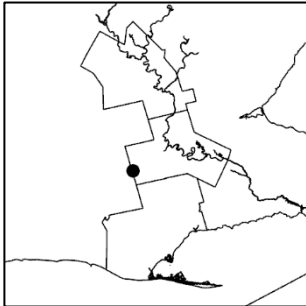
***Mycoacia uda*** (Fr.) Bres.

One recent record from Brant County; all others are historical.

BRAN ✓

NORF

WATE



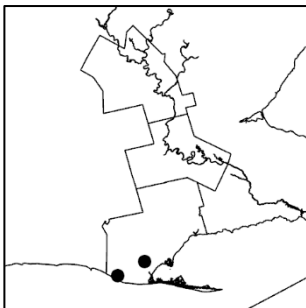
***Pappia fissilis*** (Berk. & M.A. Curtis) Zmitr. – Greasy Bracket

The only record for the study area is a 1938 collection from Brant County (TRTC 4307).

BRAN ✓ (historical)

NORF

WATE

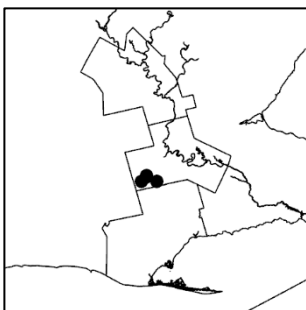


(R) ***Phlebia incarnata*** (Schwein.) Nakasone & Burds. – Coral-pink Merulius  
Saprobic on hardwoods, especially beech (*Fagus grandifolia*), where it has an apparently parasitic relationship with *Stereum* species. Rare; the first record for Norfolk County was a 2018 observation by Jeremy Hussell (iNaturalist 17043920); collected from a second location in Norfolk in 2025 by W.D. Van Hemessen (WDV 778 at UWO).

BRAN

NORF ✓

WATE



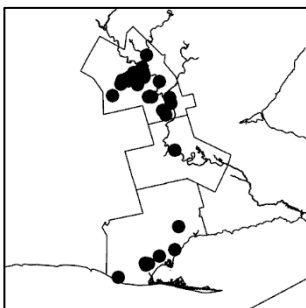
***Phlebia ludoviciana*** (Burt) Nakasone & Burds.

Three records for Brant County, but this species has not been documented in the study area since 1936.

BRAN ✓ (historical)

NORF

WATE



***Phlebia radiata*** Fr. – Wrinkled Crust

Saprobic on all kinds of wood. Common.

BRAN ✓

NORF ✓

WATE ✓

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Phlebia segregata*** (Bourdot & Galzin) Parmasto

BRAN ✓ (historical)

NORF

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Sarcodontia setosa*** (Pers.) Donk

BRAN ✓ (historical)

NORF

WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

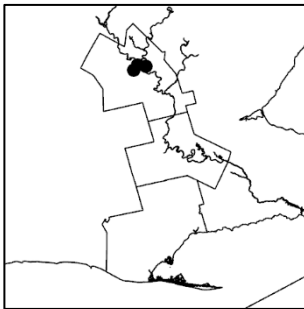
***Scopuloides hydroides*** (Cooke & Masee) Hjortstam & Ryvar den

BRAN ✓ (historical)

NORF

WATE

PANACEAE – Oysterling Family



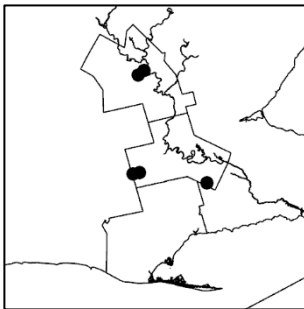
***Panus conchatus*** (Bull.) Fr. – Lilac Oysterling

Saprobic on hardwoods.

BRAN

NORF

WATE ✓



***Panus lecomtei*** Drechsler-Santos & Wartchow – Hairy Oysterling

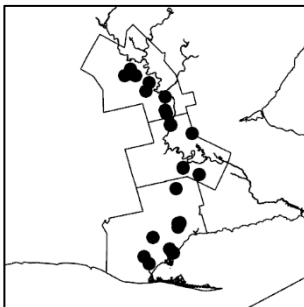
Saprobic on hardwoods. Vouchers are needed from Norfolk County.

BRAN ✓

NORF

WATE ✓

PHAEOLACEAE – Dyer’s Polypore Family



***Phaeolus schweinitzii*** (Fr.) Pat. – Dyer’s Polypore

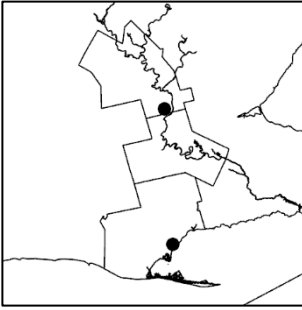
Saprobic on conifers, especially pine. Common.

BRAN ✓

NORF ✓

WATE ✓

PHANEROCHAETACEAE



*Antrodiella* "sp-IN01" S.D. Russell crypt. temp.

The ITS sequences of specimens from Norfolk County and Waterloo Region cluster with other collections of this taxon. Similar to *A. semisupina*.

BRAN

NORF ✓

WATE ✓



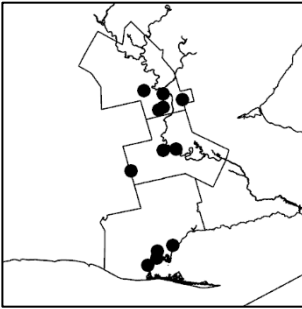
*Antrodiella semisupina* (Berk. & M.A. Curtis) Ryvarden

Two records from Brant County, but this species has not been documented in the study area since 1943.

BRAN ✓ (historical)

NORF

WATE



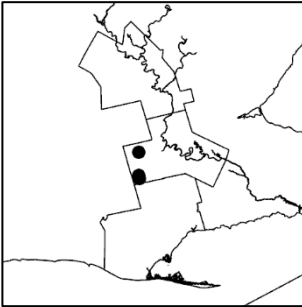
*Bjerkandera adusta* (Willd.) P. Karst. – Smoky Bracket

Saprobic on hardwoods.

BRAN ✓

NORF ✓

WATE ✓



*Bjerkandera fumosa* (Pers.) P. Karst. – Big Smoky Bracket

Three records from Brant County, but this species has not been documented in the study area since 1939.

BRAN ✓ (historical)

NORF

WATE

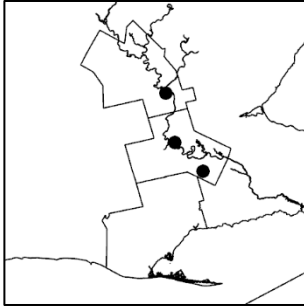
**OCCURRENCE MAP  
NOT YET AVAILABLE**

*Efibulella deflectens* (P. Karst.) Zmitr.

BRAN ✓ (historical)

NORF

WATE



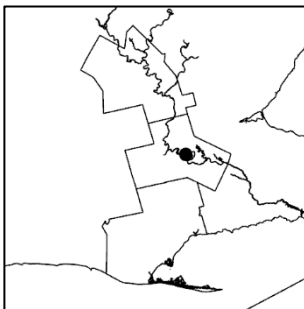
***Hapalopilus rutilans*** (Pers.) Murrill – Tender Nesting Polypore  
Saprobic on hardwoods. Vouchers are needed from Norfolk County.  
BRAN ✓  
NORF  
WATE ✓

OCCURRENCE MAP  
NOT YET AVAILABLE

***Hyphoderma definitum*** (H.S. Jacks.) Donk  
BRAN  
NORF ✓ (historical)  
WATE

OCCURRENCE MAP  
NOT YET AVAILABLE

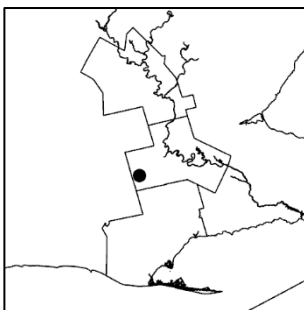
***Hyphoderma fuscum*** (Burt) Donk  
BRAN ✓ (historical)  
NORF  
WATE



***Hyphoderma setigerum*** (Fr.) Donk  
The only record for the study area is a 1934 collection from Brant County (TENN 7624).  
BRAN ✓ (historical)  
NORF  
WATE

OCCURRENCE MAP  
NOT YET AVAILABLE

***Hyphoderma tenue*** (Pat.) Donk  
BRAN ✓ (historical)  
NORF  
WATE



***Hyphodermella corrugata*** (Fr.) J. Erikss. & Ryvarden  
The only record for the study area is a 1937 collection from Brant County (TENN 11631).  
BRAN ✓ (historical)  
NORF  
WATE

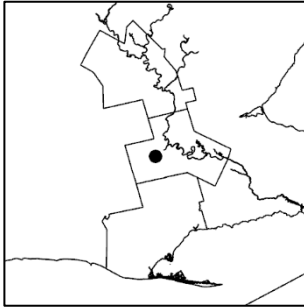
OCCURRENCE MAP  
NOT YET AVAILABLE

***Phanerochaete affinis*** (Burt) Parmasto  
BRAN ✓ (historical)  
NORF  
WATE

OCCURRENCE MAP  
NOT YET AVAILABLE

***Phanerochaete burtii*** (Romell ex Burt) Parmasto

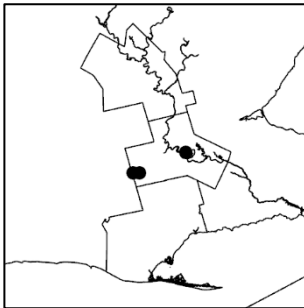
BRAN ✓ (historical)  
 NORF  
 WATE



***Phanerochaete laevis*** (Fr.) J. Erikss. & Ryvar den

The only record for the study area is a 1937 collection from Brant County (TENN 11649).

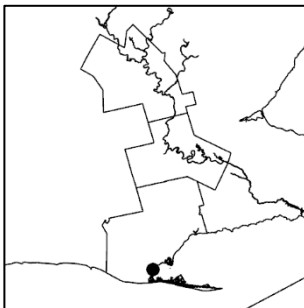
BRAN ✓ (historical)  
 NORF  
 WATE



***Phanerochaete sordida*** (P. Karst.) J. Erikss. & Ryvar den

Three records from the Brant County, but this species has not been documented in the study area since 1936.

BRAN ✓ (historical)  
 NORF  
 WATE



***Phlebiopsis gigantea*** (Fr.) Jülich

The only record for the study area is a 1954 collection from Norfolk County (WSP 43013).

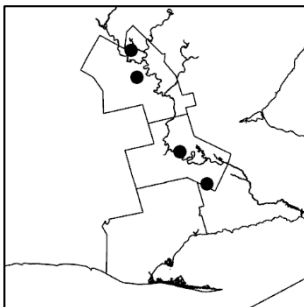
BRAN  
 NORF ✓ (historical)  
 WATE

**OCCURRENCE MAP  
 NOT YET AVAILABLE**

***Rhizochaete filamentosa*** (Berk. & M.A. Curtis) Gresl., Nakasone & Rajchenb.

BRAN ✓ (historical)  
 NORF  
 WATE

PODOSCYPHACEAE

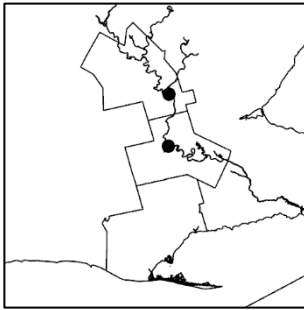


***Abortiporus biennis*** (Bull.) Singer – Blushing Rosette

Saprobic on hardwoods; sometimes appearing terricolous where growing from buried wood. Vouchers are needed from Norfolk County.

BRAN ✓  
 NORF  
 WATE ✓

POLYPORACEAE – True Polypores



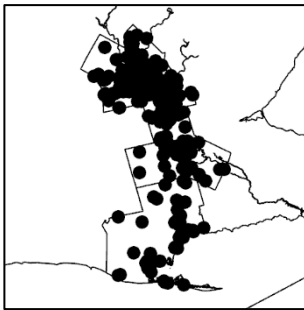
***Cerioporus leptocephalus*** (Jacq.) Zmitr. – Blackfoot Polypore

Saprobic on all kinds of dead wood. Possibly overlooked due to confusion with *C. varius*.

BRAN ✓

NORF

WATE ✓



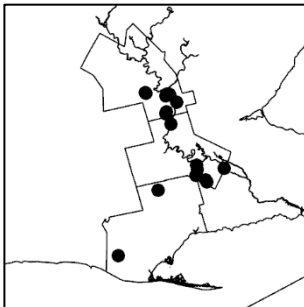
***Cerioporus squamosus*** (Huds.) Fr. – Dryad's Saddle, Pheasantback

Saprobic on all kinds of dead wood. Common.

BRAN ✓

NORF ✓

WATE ✓



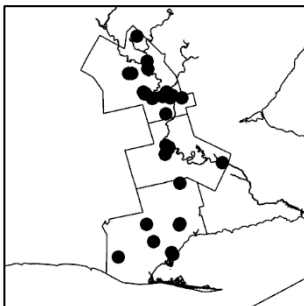
***Cerioporus varius*** (Pers.) Zmitr. & Kovalenko – Elegant Polypore

Saprobic on all kinds of dead wood. Very similar to *C. leptocephalus*. Common.

BRAN ✓

NORF ✓

WATE ✓



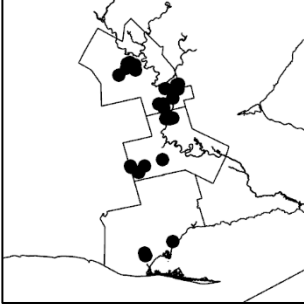
***Cryptoporus volvatus*** (Peck) Shear – Veiled Polypore

Saprobic on conifers, especially red pine (*Pinus resinosa*). Common.

BRAN ✓

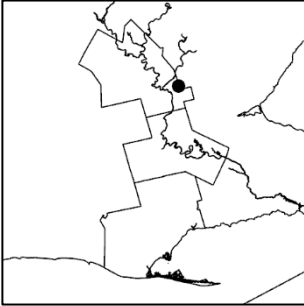
NORF ✓

WATE ✓



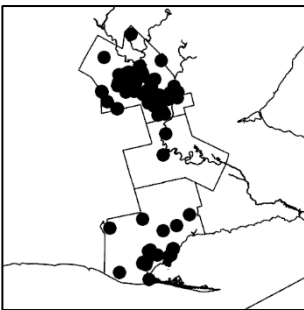
***Daedaleopsis confragosa*** (Bolton) J. Schröt. – Thin-walled Maze Polypore  
Saprobic on hardwoods. Common.

BRAN ✓  
NORF ✓  
WATE ✓



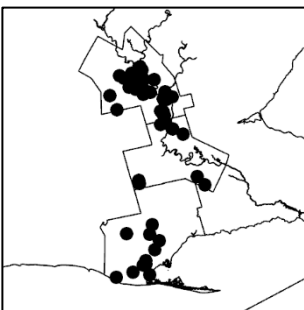
***Datronia mollis*** (Sommerf.) Donk – Common Mazegill  
The only record for the study area is a 2024 observation from Cambridge (iNaturalist 198574097).

BRAN  
NORF  
WATE ✓



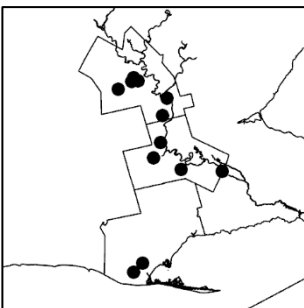
***Fomes excavatus*** (Berk.) Sacc. – Tinder Conk, Hoof Fungus  
Saprobic on hardwoods. Common. This appears to be the correct name for *F. fomentarius* in eastern North America.

BRAN ✓  
NORF ✓  
WATE ✓



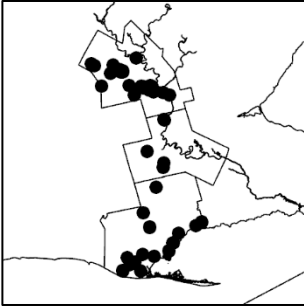
***Ganoderma applanatum*** (Pers.) Pat. (= *G. megaloma*) – Artist's Bracket  
Saprobic on all kinds of wood. Common. Treated here in the broad sense.

BRAN ✓  
NORF ✓  
WATE ✓



***Ganoderma sessile*** Murrill – Sessile Reishi  
Saprobic on hardwoods.

BRAN ✓  
NORF ✓  
WATE ✓



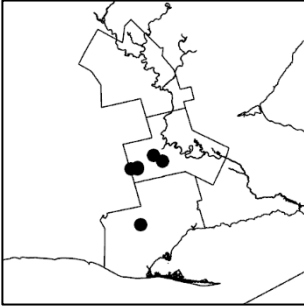
***Ganoderma tsugae*** Murrill – Hemlock Reishi

Saprobic on all kinds of dead wood (both conifers and hardwoods, despite what is frequently described in field guides). Common.

BRAN ✓

NORF ✓

WATE ✓



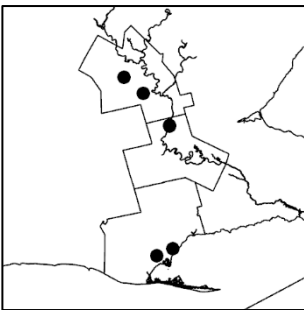
***Lentinus arcularius*** (Batsch) Zmitr. – Spring Polypore

Saprobic on dead hardwoods. Vouchers are needed from Waterloo Region.

BRAN ✓

NORF ✓

WATE



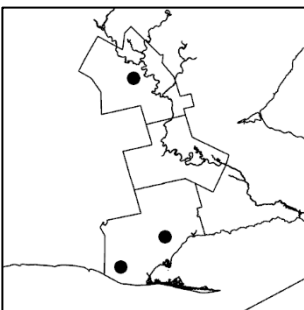
***Lentinus brumalis*** (Pers.) Zmitr. – Winter Polypore

Saprobic on hardwoods.

BRAN ✓

NORF ✓

WATE ✓



(R) ***Lentinus tigrinus*** (Bull.) Fr. – Tiger Sawgill

Saprobic on hardwoods; vouchers from the study area are all from fallen logs in hardwood swamps. Rare.

BRAN

NORF ✓

WATE ✓

Canada N3

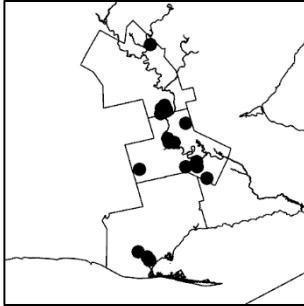
**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Lopharia cinerascens*** (Schwein.) G. Cunn.

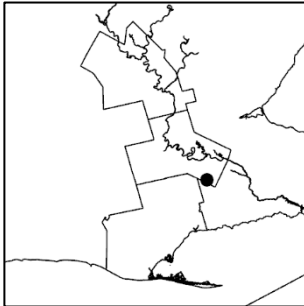
BRAN ✓ (historical)

NORF

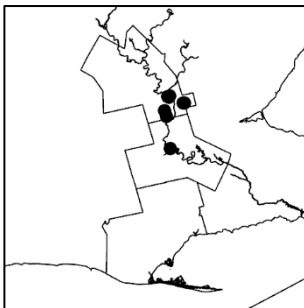
WATE



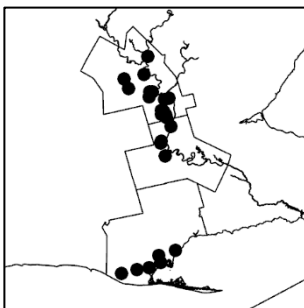
***Neofavolus americanus*** J.H. Xing, J.L. Zhou & B.K. Cui – American Hexagonal Polypore  
Saprobic on hardwoods. Common.  
BRAN ✓  
NORF ✓  
WATE ✓



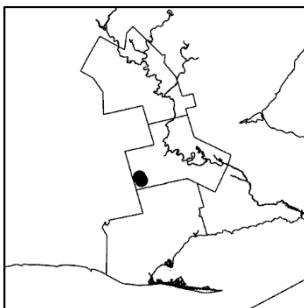
(R) ***Neofavolus suavissimus*** (Fr.) Seelan, Justo & Hibbet  
The Brant County voucher (WDV 637 at UWO) was growing on a dead poplar branch. Rare.  
BRAN ✓  
NORF  
WATE



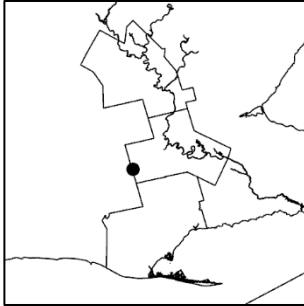
***Perenniporia ohiensis*** (Berk.) Ryvardeen  
Saprobic on hardwoods; characteristically on old, weathered wood. Vouchers are needed from Norfolk County.  
BRAN ✓  
NORF  
WATE ✓



***Picipes badius*** (Pers.) Zmitr. & Kovalenko – Bay Polypore  
Saprobic on hardwoods. Common.  
BRAN ✓  
NORF ✓  
WATE ✓



***Polyporus decolorans*** Schwein.  
Two records from Brant County, but this species has not been documented in the study area since 1942.  
BRAN ✓ (historical)  
NORF  
WATE



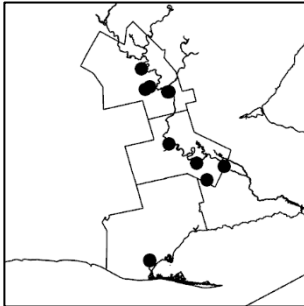
***Polyporus fagicola*** Murrill – Beech Polypore

The only record for the study area is a 1939 collection from Brant County (FLAS 32784).

BRAN ✓ (historical)

NORF

WATE



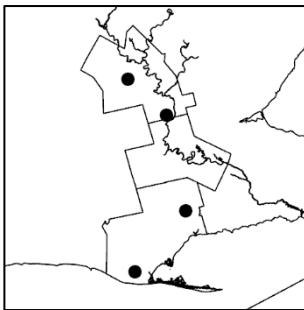
***Polyporus radicans*** Schwein. – Rooting Polypore

Saprobic on buried hardwood logs and stumps.

BRAN ✓

NORF ✓

WATE ✓



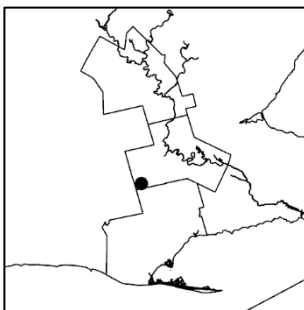
(R) ***Polyporus umbellatus*** (Pers.) Fr. – Umbrella Polypore

Saprobic on hardwoods, especially beech (*Fagus grandifolia*). Rare; vouchers are needed from Brant County.

BRAN

NORF ✓

WATE ✓



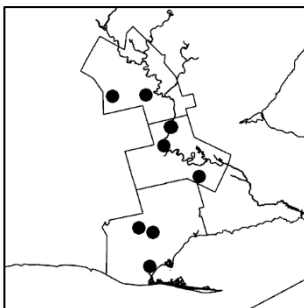
***Poriella subacida*** (Peck) C.L. Zhao

The only record for the study area is a 1934 collection from Brant County (BPI 885252).

BRAN ✓ (historical)

NORF

WATE



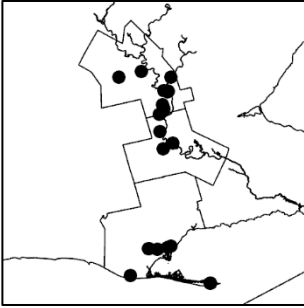
***Trametes betulina*** (L.) Pilát – Gilled Polypore

Saprobic on hardwoods.

BRAN ✓

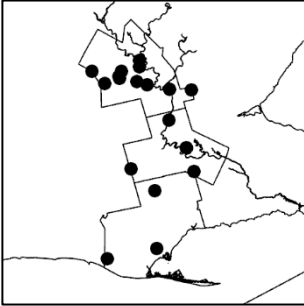
NORF ✓

WATE ✓



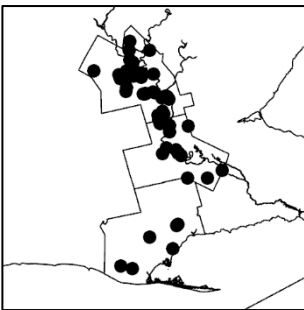
***Trametes cinnabarina*** (Jacq.) Fr. – Northern Cinnabar Polypore  
Saprobic on all kinds of wood. Common. Reports of *T. sanguinea* in the study area are misidentifications of this species.

BRAN ✓  
NORF ✓  
WATE ✓



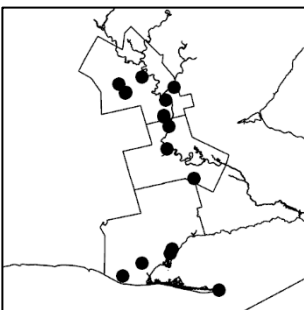
***Trametes conchifer*** (Schwein.) Pilát – Little Nest Polypore  
Saprobic on hardwoods. Common.

BRAN ✓  
NORF ✓  
WATE ✓



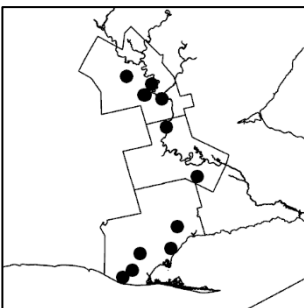
**\**Trametes gibbosa*** (Pers.) Fr. – Lumpy Bracket  
Saprobic on hardwoods, especially poplars (*Populus*). Common. Believed to be a recent introduction from Eurasia, which has spread rapidly throughout North America (Kout and Vlasák 2007).

BRAN ✓  
NORF ✓  
WATE ✓



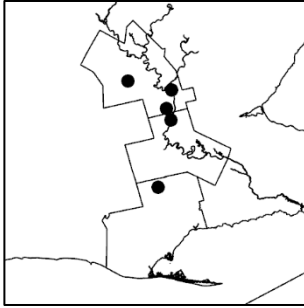
***Trametes hirsuta*** (Wulfen) Lloyd – Hairy Bracket  
Saprobic on hardwoods. Common.

BRAN ✓  
NORF ✓  
WATE ✓



***Trametes ochracea*** (Pers.) Gilb. & Ryvarden – Ochre Bracket  
Saprobic on all kinds of wood.

BRAN ✓  
NORF ✓  
WATE ✓



***Trametes pubescens*** (Schumach.) Pilát

Saprobic on hardwoods.

BRAN ✓

NORF ✓

WATE ✓

**OCCURRENCE MAP  
NOT YET AVAILABLE**

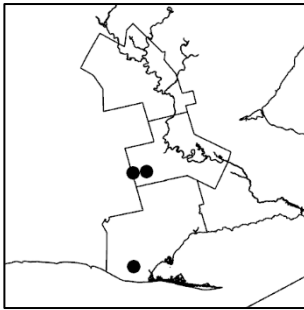
***Trametes suaveolens*** (L.) Fr. – Fragrant Bracket

Omitted from previous versions of the checklist due a lack of verifiable records but now known to occur in all three municipalities.

BRAN ✓

NORF ✓

WATE ✓



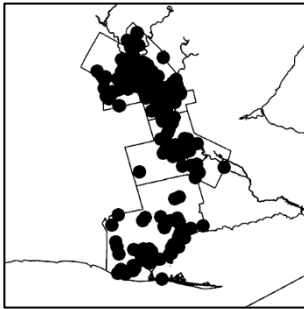
***Trametes trogii*** Berk.

Saprobic on hardwoods.

BRAN ✓

NORF ✓

WATE



***Trametes versicolor*** (L.) Lloyd – Turkey Tail

Saprobic on all kinds of wood. Common.

BRAN ✓

NORF ✓

WATE ✓

---

POSTIACEAE



***Cyanosporus alni*** (Niemelä & Vampola) B.K. Cui, L.L. Shen & Y.C. Dai

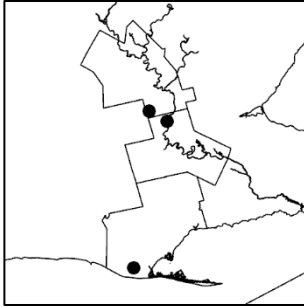
The Brant County voucher (WDV 763 at UWO) was growing on a decorticated hardwood branch of unknown identity.

BRAN ✓

NORF

WATE

---



***Cyanosporus livens*** (Miettinen & Vlasák) B.K. Cui & Shun Liu

Saprobic on hardwoods.

BRAN ✓

NORF ✓

WATE ✓

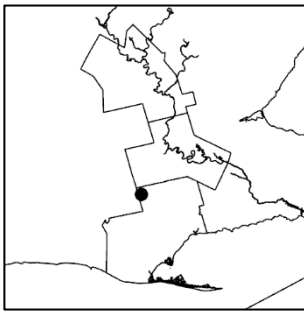
**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Postia immitis*** (Peck) Niemelä

BRAN ✓ (historical)

NORF

WATE



***Postia tephroleuca*** (Fr.) Jülich – Greyling Bracket

BRAN ✓ (historical)

NORF ✓ (historical)

WATE

---

STECCHERINACEAE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Butyrea luteoalba*** (P. Karst.) Miettinen

BRAN ✓ (historical)

NORF

WATE

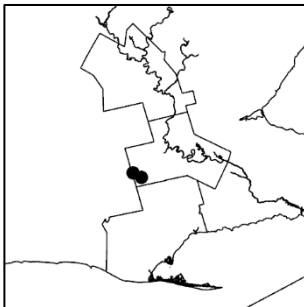
**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Etheiroduon fimbriatus*** (Pers.) Banker

BRAN ✓ (historical)

NORF

WATE



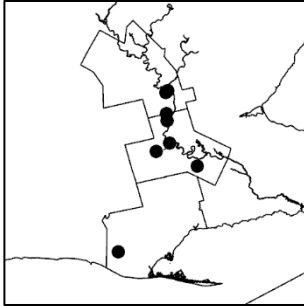
***Junghuhnia nitida*** (Pers.) Ryvarden

Two records from Brant County, but this species has not been documented in the study area since 1934.

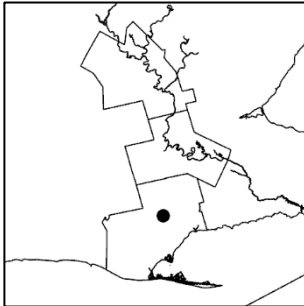
BRAN ✓ (historical)

NORF

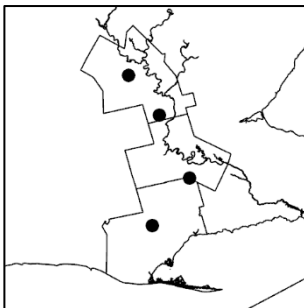
WATE



***Loweomyces fractipes*** (Berk. & M.A. Curtis) Jülich  
 Saprobic on all kinds of dead wood.  
 BRAN ✓  
 NORF ✓  
 WATE ✓



(R) ***Mycoleptodonoides "sp-QC01"*** S.D. Russell crypt. temp.  
 The Norfolk County voucher (WDV 391 at UWO; BOLD CCDB-42548-E8) was growing on oak leaves and fallen branches. Identified as *Mycorrhaphium adustum* (Schwein.) Maas Geest. in previous versions of the checklist, but the ITS sequence of the Norfolk specimen matches this as-yet undescribed taxon. Rare.  
 BRAN  
 NORF ✓  
 WATE

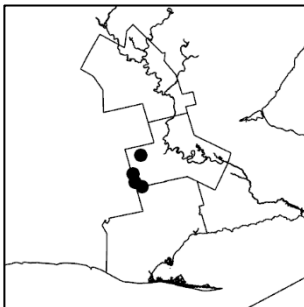


***Steccherinum ochraceum*** (Pers. ex J.F. Gmel.) Gray – Ochre Spreading Tooth  
 Saprobic on all kinds of wood.  
 BRAN ✓  
 NORF ✓  
 WATE ✓

XENASMATACEAE

**OCCURRENCE MAP  
 NOT YET AVAILABLE**

***Xenasma praeteritum*** (H.S. Jacks.) Donk  
 BRAN ✓ (historical)  
 NORF  
 WATE



***Xenasma tulasnelloideum*** (Höhn. & Litsch.) Donk  
 Four records from Brant County, but this species has not been documented in the study area since 1956.  
 BRAN ✓ (historical)  
 NORF  
 WATE

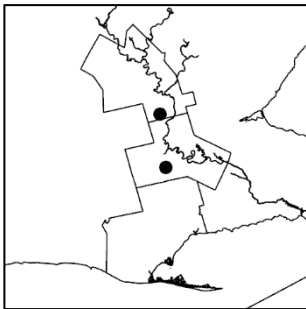
## Russulales – Brittlepill and Allies

*Incertae sedis* – uncertain placement

<b>OCCURRENCE MAP NOT YET AVAILABLE</b>	<i>Gloeodontia subasperispora</i> (Litsch.) E. Larss. & K.H. Larss. BRAN ✓ (historical) NORF WATE
<b>OCCURRENCE MAP NOT YET AVAILABLE</b>	<i>Gleohyphnium analogum</i> (Bourdot & Galzin) Hjortstam BRAN ✓ (historical) NORF WATE
<b>OCCURRENCE MAP NOT YET AVAILABLE</b>	<i>Scytinostromella heterogenea</i> (Bourdot & Galzin) Parmasto BRAN ✓ (historical) NORF WATE
<b>OCCURRENCE MAP NOT YET AVAILABLE</b>	<i>Scytinostromella olivaceoalba</i> (Bourdot & Galzin) Ginns & M.N.L. Lefebvre BRAN ✓ (historical) NORF WATE

---

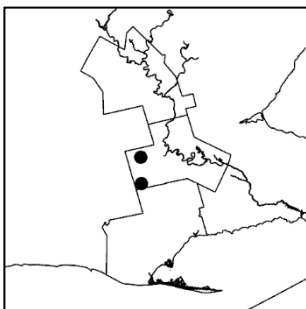
### ALBATRELLACEAE



(R) *Laeticutis cristata* (Schaeff.) Audet  
Ectomycorrhizal with hardwoods. Rare.  
BRAN ✓  
NORF  
WATE ✓

---

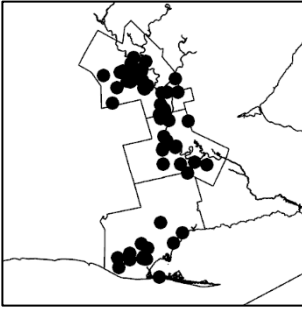
### AMYLOSTEREACEAE



*Amylostereum chailletii* (Pers.) Boidin – Powdered Duster  
Two records from Brant County, but this species has not been documented in the study area since 1937.  
BRAN ✓ (historical)  
NORF  
WATE

---

AURISCALPIACEAE – Earpick Fungus Family



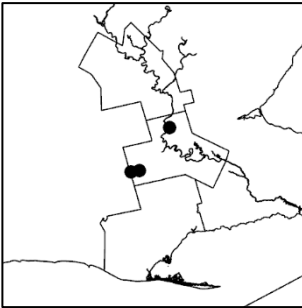
*Artomyces pyxidatus* (Pers.) Jülich – Crown-tipped Coral Fungus

Saprobic on all kinds of dead wood. Common.

BRAN ✓

NORF ✓

WATE ✓



*Auriscalpium vulgare* Gray – Earpick Fungus

Four records from Brant County, but this species has not been documented in the study area since 1957.

BRAN ✓ (historical)

NORF

WATE

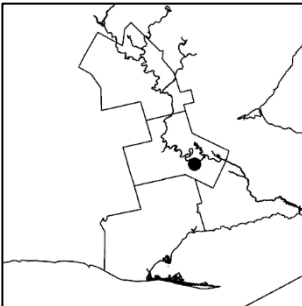
**OCCURRENCE MAP  
NOT YET AVAILABLE**

*Gloiodon strigosus* (Sw.) P. Karst.

BRAN ✓ (historical)

NORF

WATE



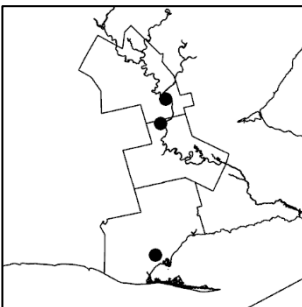
(R) *Lentinellus cochleatus* (Pers.) P. Karst. – Aniseed Cockleshell

The Brant County voucher (WDV 672 at UWO) was growing on a decaying stump in oak-hickory woods. Rare.

BRAN ✓

NORF

WATE



(R) *Lentinellus micheneri* (Berk. & M.A. Curtis) Pegler – Michener's

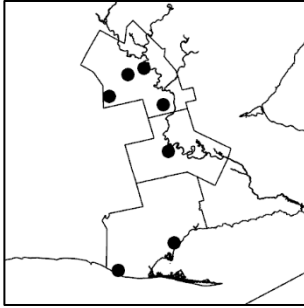
Cockleshell

Saprobic on hardwoods. Rare.

BRAN ✓

NORF ✓

WATE ✓



***Lentinellus ursinus*** (Fr.) Kühner – Bear Cockleshell

Saprobic on all kinds of wood.

BRAN ✓

NORF ✓

WATE ✓

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Lentinellus vulpinus*** (Sowerby) Kühner & Maire

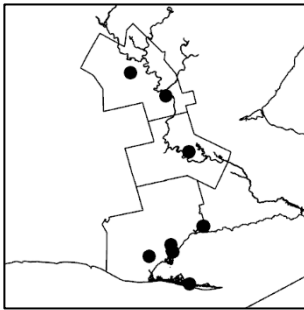
BRAN ✓ (historical)

NORF

WATE

---

BONDARZEVIACEAE – Berkeley’s Polypore Family



***Bondarzewia berkeleyi*** (Fr.) Bondartsev & Singer – Berkeley’s Polypore

Saprobic and possibly parasitic on hardwood trees, especially oaks (*Quercus*).

BRAN ✓

NORF ✓

WATE ✓

---

HERICIACEAE – Lion’s Mane Family

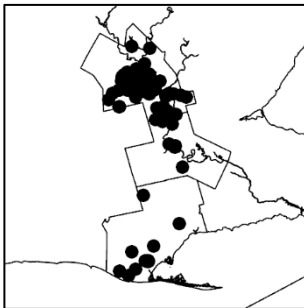
**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Dentipellis dissita*** (Berk. & Cooke) Maas Geest.

BRAN ✓ (historical)

NORF ✓ (historical)

WATE



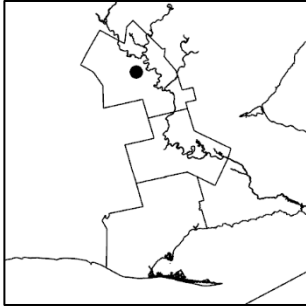
***Hericium americanum*** Ginns – Bear’s Head Tooth

Saprobic on hardwoods. Common.

BRAN ✓

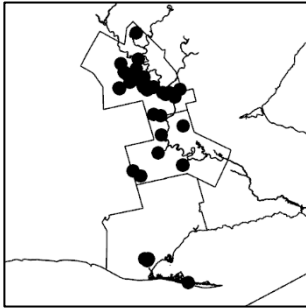
NORF ✓

WATE ✓



(R) *Hericium carolinense* Koga & Thorn – Carolina Lion’s Mane  
Saprobic on hardwoods. Rare; the only verifiable record is a 2023 observation from Waterloo (iNaturalist 185095258).

BRAN  
NORF  
WATE ✓

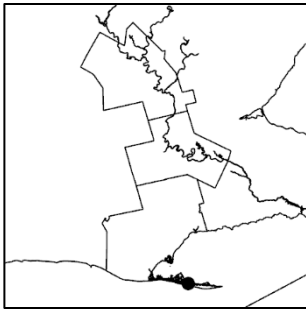


*Hericium coralloides* (Scop.) Pers. – Coral Tooth  
Saprobic on hardwoods. Common.

BRAN ✓  
NORF ✓  
WATE ✓

---

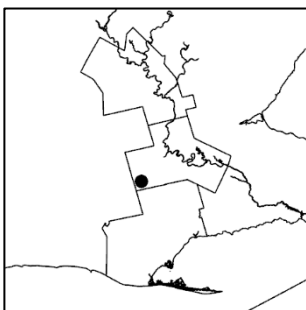
LACHNOCLADIACEAE



*Asterostroma bicolor* Ellis & Everh.

The only record for the study area is a 1936 collection from Long Point (TRTC 9735).

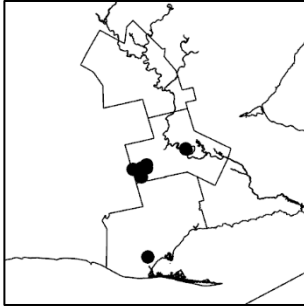
BRAN  
NORF ✓ (historical)  
WATE



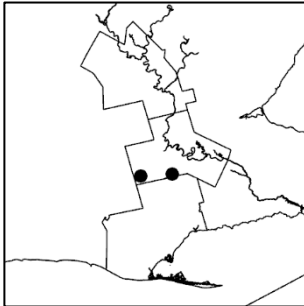
*Baltazaria galactina* (Fr.) Leal-Dutra, Dentinger & G.W. Griff.

The only record for the study area is a 1936 collection from Brant County (LSU 174022).

BRAN ✓ (historical)  
NORF  
WATE



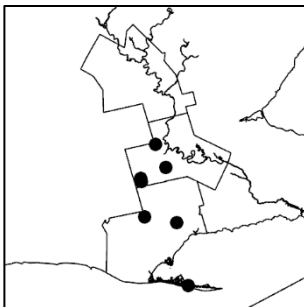
***Dichostereum effuscatum*** (Cooke & Ellis) Boidin & Lanq.  
Nine records from Brant County and Norfolk County, but this species has not been documented in the study area since 1937.  
BRAN ✓ (historical)  
NORF ✓ (historical)  
WATE



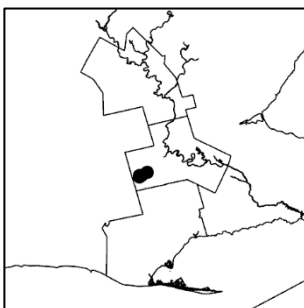
***Vararia investiens*** (Schwein.) P. Karst.  
Two records from Brant County, but this species has not been documented in the study area since 1939.  
BRAN ✓ (historical)  
NORF  
WATE

---

PENIOPHORACEAE

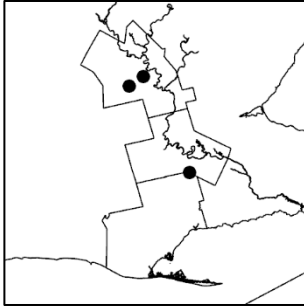


***Gloiothele citrina*** (Pers.) Ginns & G.W. Freeman  
Eight records from Brant County and Norfolk County, but this species has not been documented in the study area since 1955.  
BRAN ✓ (historical)  
NORF ✓ (historical)  
WATE

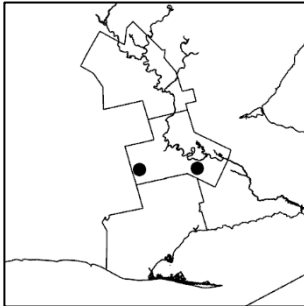


***Gloiothele lactescens*** (Berk.) Hjortstam  
Three records from Brant County, but this species has not been documented in the study area since 1941.  
BRAN ✓ (historical)  
NORF  
WATE

---



***Peniophora albobadia*** (Schwein.) Boidin – Giraffe Spots  
 Saprobic on all kinds of dead wood. Vouchers are needed from Norfolk County.  
 BRAN ✓  
 NORF  
 WATE ✓  
 Canada N2N4



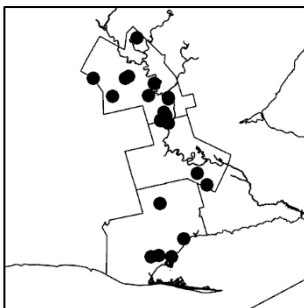
***Peniophora cinerea*** (Pers.) Cooke  
 Saprobic on all kinds of dead wood.  
 BRAN ✓  
 NORF  
 WATE

**OCCURRENCE MAP  
 NOT YET AVAILABLE**

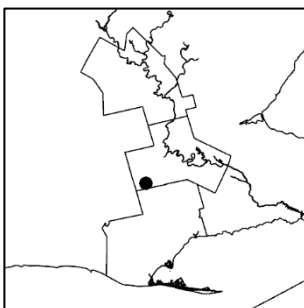
***Peniophora incarnata*** (Pers.) P. Karst. – Rosy Crust  
 BRAN ✓ (historical)  
 NORF  
 WATE

**OCCURRENCE MAP  
 NOT YET AVAILABLE**

***Peniophora perexigua*** H.S. Jacks.  
 BRAN ✓ (historical)  
 NORF  
 WATE



***Peniophora rufa*** (Fr.) Boidin – Red Tree Brain  
 Saprobic on hardwoods. Common.  
 BRAN ✓  
 NORF ✓  
 WATE ✓



***Peniophora versiformis*** (Berk. & M.A. Curtis) Bourdot & Galzin  
 The only record for the study area is a 1943 collection from Brant County (LSU 151785).  
 BRAN ✓ (historical)  
 NORF  
 WATE

**OCCURRENCE MAP**

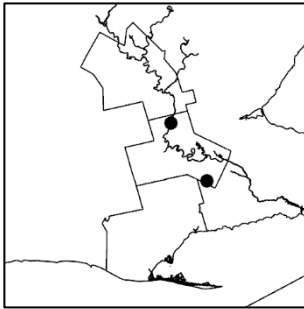
***Peniophora violaceolivida*** (Sommerf.) Masee

**NOT YET AVAILABLE**

BRAN ✓ (historical)  
 NORF  
 WATE

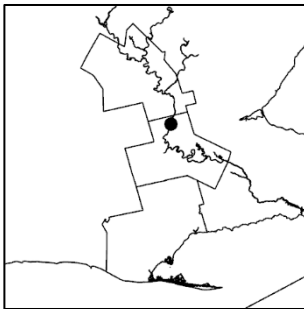
**RUSSULACEAE – Brittlegill Family**

The majority of species in this family are ectomycorrhizal with various trees, although some (e.g., *Lactarius camphoratus*) may also be saprobic. This family is one of the most important groups of fungi which form mycorrhizal associations with trees, orchids, and hemiparasitic plants (Looney *et al.* 2018).



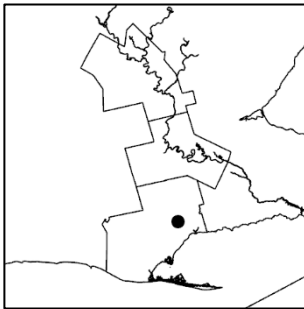
***Lactarius argillaceifolius*** Hesler & A.H. Sm. – Clay-gilled Milk Cap

BRAN ✓  
 NORF  
 WATE



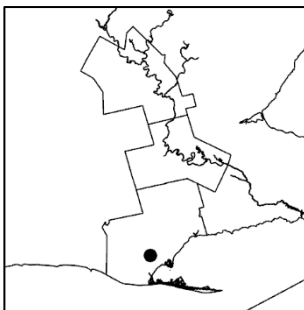
***Lactarius camphoratus*** (Bull.) Fr. – Curry Milk Cap

BRAN ✓  
 NORF  
 WATE



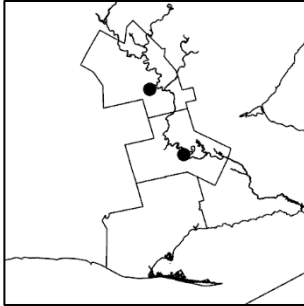
***Lactarius colorascens*** Peck

BRAN  
 NORF ✓  
 WATE



(R) ***Lactarius deliciosus*** (L.) Gray – Saffron Milk Cap

Rare.  
 BRAN  
 NORF ✓  
 WATE



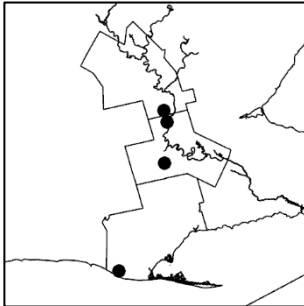
(R) *Lactarius deterrimus* Gröger – Orange Latex Milk Cap

Rare.

BRAN ✓

NORF

WATE ✓

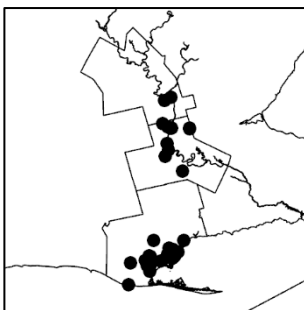


*Lactarius griseus* Peck – Gray Milk Cap

BRAN ✓

NORF ✓

WATE ✓



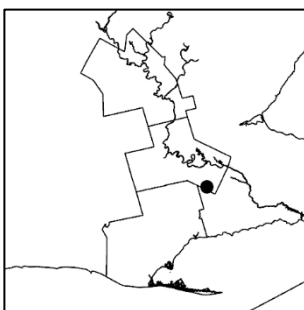
*Lactarius indigo* (Schwein.) Fr. – Indigo Milk Cap

Common.

BRAN ✓

NORF ✓

WATE ✓



(R) *Lactarius maculatus* Peck – Spotted Milk Cap

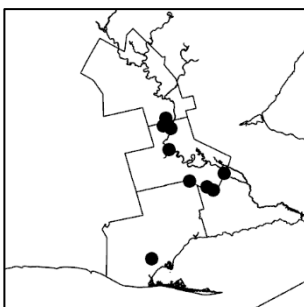
Rare.

BRAN ✓

NORF

WATE

Canada N3

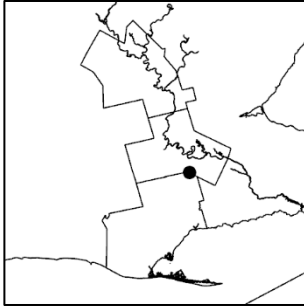


*Lactarius psammicola* A.H. Sm. – Oak Milk Cap

BRAN ✓

NORF ✓

WATE ✓



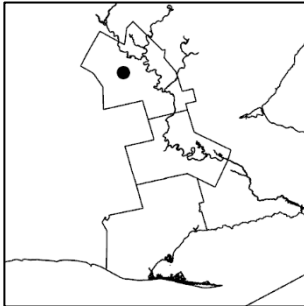
***Lactarius subvellerus*** Hesler & A.H. Sm.

The Brant County voucher (iNaturalist 229996165) is var. *subdistans*.

BRAN ✓

NORF

WATE

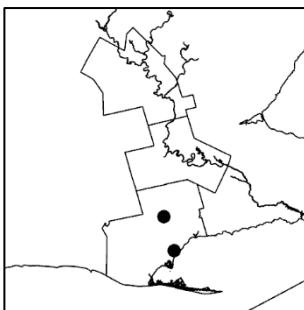


***Lactarius vinaceorufescens*** A.H. Sm. – Yellow Latex Milk Cap

BRAN

NORF

WATE ✓



(R) ***Lactifluus corrugis*** (Peck) Kuntze – Corrugated Milk Cap

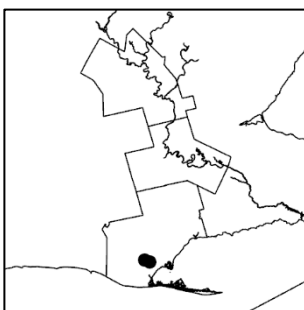
Rare.

BRAN

NORF ✓

WATE

Canada N3



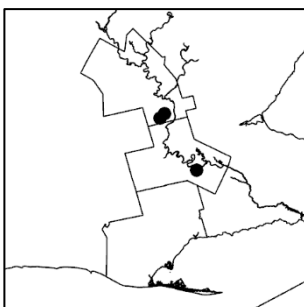
***Lactifluus hygrophoroides*** (Berk. & M.A. Curtis) Kuntze – Hygrophorous Milk

Cap

BRAN

NORF ✓

WATE



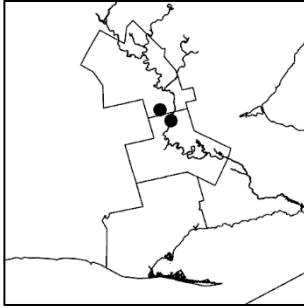
***Lactifluus piperatus*** (L.) Roussel – Peppery Milk Cap

Vouchers are needed from Norfolk County.

BRAN ✓

NORF

WATE ✓



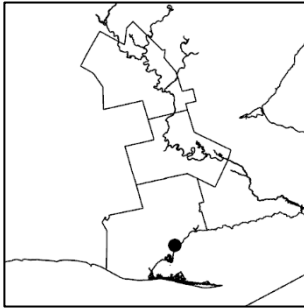
***Lactifluus volemus*** (Fr.) Kuntze – Weeping Milk Cap

Vouchers are needed from Norfolk County.

BRAN ✓

NORF

WATE ✓



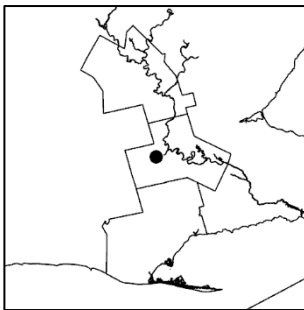
***Russula* “*sp-IN123*”** S.D. Russell crypt. temp.

The Norfolk County voucher (WDV 735 at UWO; BOLD CCDB-48874-F11) was growing on sandy ground in a mixed oak-pine forest.

BRAN

NORF ✓

WATE

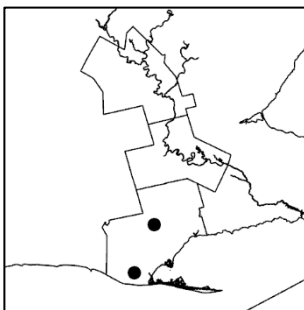


***Russula alachuana*** Murrill

BRAN ✓

NORF

WATE

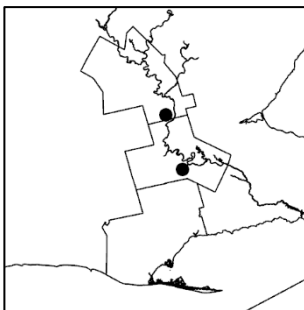


***Russula amoenolens*** Romagn. – Camembert Brittle Gill

BRAN

NORF ✓

WATE

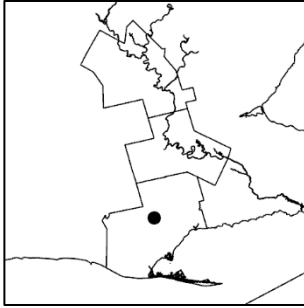


***Russula brevipes*** Peck – Short-stemmed Brittle Gill

BRAN ✓

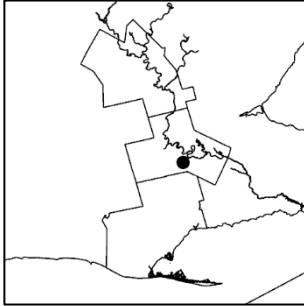
NORF

WATE ✓



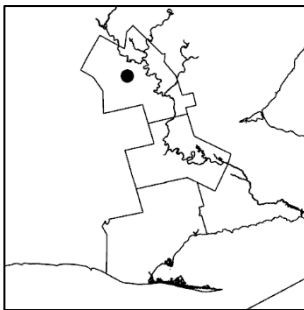
***Russula cessans*** A. Pearson – Tardy Brittlegill

BRAN  
NORF ✓  
WATE



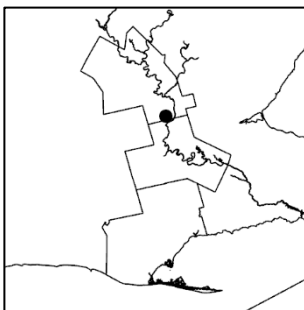
***Russula cyanoxantha*** (Schaeff.) Fr. – Charcoal Brittlegill

BRAN ✓  
NORF ✓  
WATE



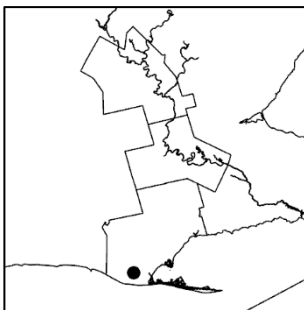
***Russula fragilis*** Fr. – Fragile Brittlegill

BRAN  
NORF  
WATE ✓



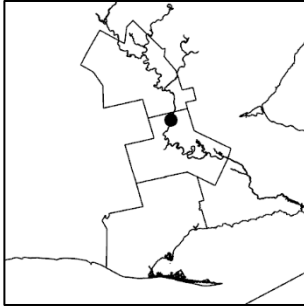
***Russula grata*** Britzelm. – Almond-scented Brittlegill

BRAN  
NORF  
WATE ✓

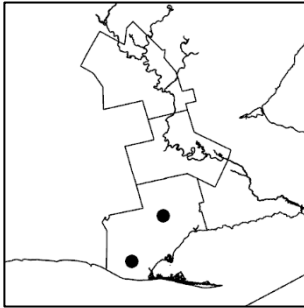


***Russula modesta*** Peck – Modest Brittlegill

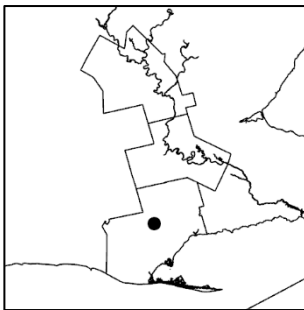
BRAN  
NORF ✓  
WATE



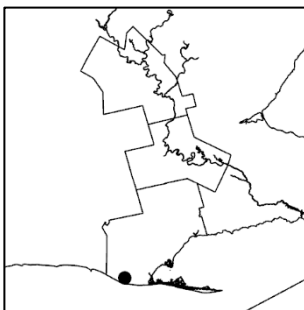
(R) *Russula parvovirescens* Buyck, D. Mitch. & Parrent – Blue-green Cracking Brittle-gill  
Rare.  
BRAN ✓  
NORF  
WATE



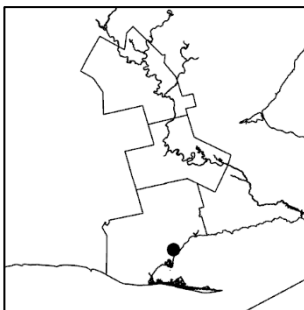
*Russula pectinatoides* Peck  
BRAN  
NORF ✓  
WATE



*Russula puellaris* Fr. – Yellowing Brittle-gill  
BRAN  
NORF ✓  
WATE

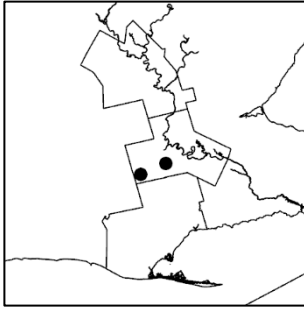


*Russula roseipes* Secr. ex Bres. – Pink-footed Brittle-gill  
BRAN  
NORF ✓  
WATE



*Russula variata* Banning (=R. “sp-IN67”)  
The ITS sequence of a specimen collected in Norfolk County (WDV 743 at UWO; BOLD CCDB-48874-F12) matches R. “sp-IN67”, which Landry *et al.* (2025) lump with *R. variata*, but more work might be needed on this group.  
BRAN  
NORF ✓  
WATE

STEREACEAE – Parchment Family



*Acanthophysellum lividocoeruleum* (P. Karst.) Parmasto

Two records for Brant County, but this species has not been documented in the study area since 1941.

BRAN ✓ (historical)

NORF

WATE

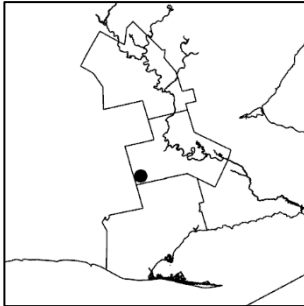
**OCCURRENCE MAP  
NOT YET AVAILABLE**

*Aleurodiscus botryosus* Burt

BRAN ✓ (historical)

NORF

WATE

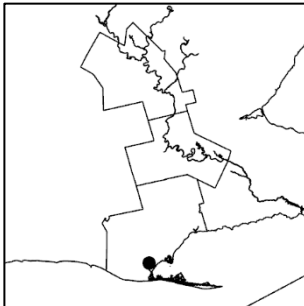


*Aleurodiscus oakesii* (Berk. & M.A. Curtis) Cooke – Smooth Patch

BRAN ✓ (historical)

NORF ✓ (historical)

WATE



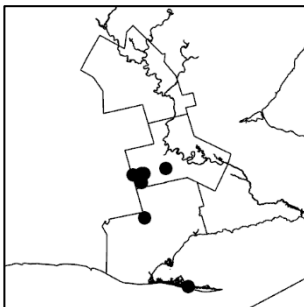
*Aleurodiscus wakefieldiae* Boidin & Beller – Pink Patch

The only record for the study area is a 1989 collection from Norfolk County (TRTC 51293).

BRAN

NORF ✓ (historical)

WATE



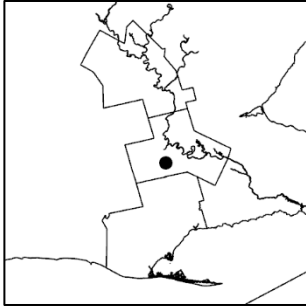
*Gloeocystidiellum porosum* (Berk. & M.A. Curtis) Donk

Nine records from Brant County and Norfolk County, but this species has not been documented in the study area since 1954.

BRAN ✓ (historical)

NORF ✓ (historical)

WATE



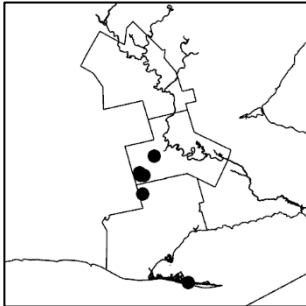
***Gloeodontia subasperispora*** (Litsch.) E. Larss. & K.H. Larss.

The only record for the study area is a 1946 collection from Brant County (TRTC 21394).

BRAN ✓ (historical)

NORF

WATE



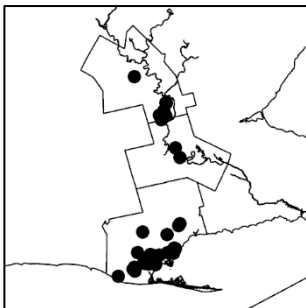
***Scytinostromella olivaceoalba*** (Bourdot & Galzin) Ginns & M.N.L. Lefebvre

Seven records from Brant County and Norfolk County, but this species has not been documented in the study area since 1943.

BRAN ✓ (historical)

NORF ✓ (historical)

WATE



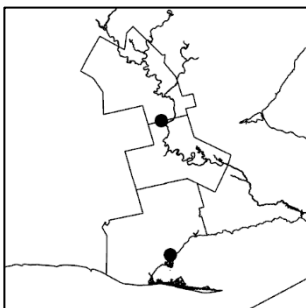
***Stereum complicatum*** (Fr.) Fr. – Crowded Parchment

Saprobic on hardwoods. Common.

BRAN ✓

NORF ✓

WATE ✓



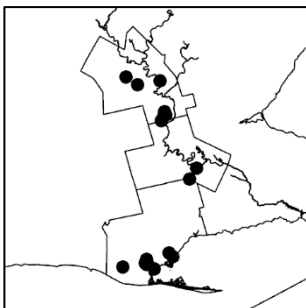
(R) ***Stereum gausapatum*** (Fr.) Fr. – Bleeding Oak Crust

Saprobic on hardwoods, especially oaks (*Quercus*). Rare.

BRAN

NORF ✓

WATE ✓



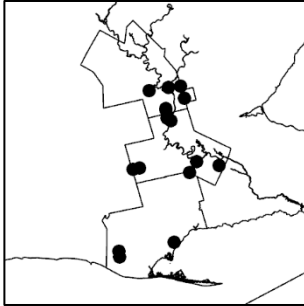
***Stereum lobatum*** (Kunze ex Fr.) Fr. – Lobed Parchment

Saprobic on hardwoods. Common.

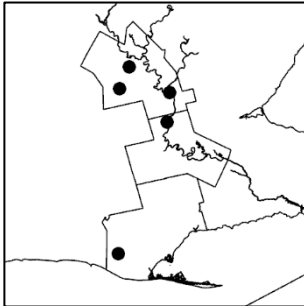
BRAN ✓

NORF ✓

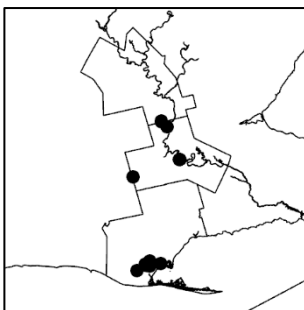
WATE ✓



***Stereum striatum*** (Schrad. ex J.F. Gmel.) Fr. – Silky Parchment  
Saprobic on musclewood (*Carpinus caroliniana*); rarely on other hardwoods.  
Common.  
BRAN ✓  
NORF ✓  
WATE ✓



***Stereum subtomentosum*** Pouzar – Yellowing Curtain Crust  
Saprobic on hardwoods.  
BRAN ✓  
NORF ✓  
WATE ✓

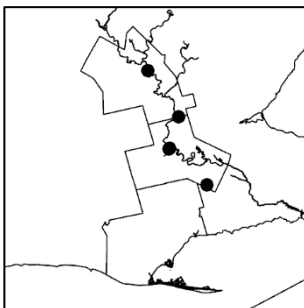


***Xylobolus frustulatus*** (Pers.) P. Karst. – Ceramic Parchment  
Saprobic on all kinds of wood.  
BRAN ✓  
NORF ✓  
WATE ✓

---

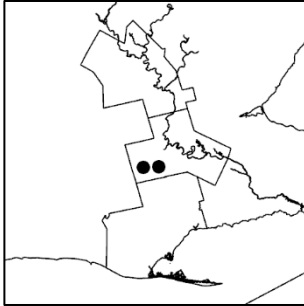
## Sebacinales

### SEBACINACEAE



***Helvellosebacina concrescens*** (Schwein.) Oberw., Garnica & K. Riess  
Mycorrhizal with unknown associates. Vouchers are needed from Norfolk County.  
BRAN ✓  
NORF ✓  
WATE ✓

---



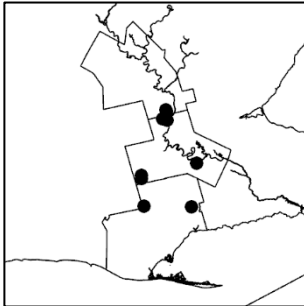
***Sebacina epigaea*** (Berk. & Broome) Bourdot & Galzin

Two records from Brant County, but this species has not been documented in the study area since 1942.

BRAN ✓ (historical)

NORF

WATE



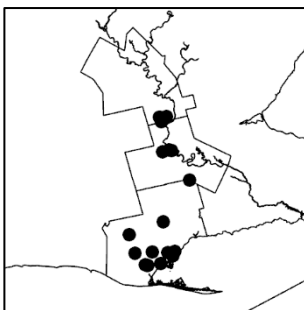
***Sebacina incrustans*** (Pers.) Tul. & C. Tul. – Enveloping Crust

Mycorrhizal with unknown associates.

BRAN ✓

NORF ✓

WATE ✓



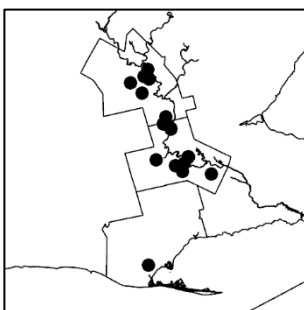
***Sebacina schweinitzii*** (Peck) Oberw. – Jellied False Coral

Mycorrhizal with hardwoods. Common.

BRAN ✓

NORF ✓

WATE ✓



***Sebacina sparassoidea*** (Lloyd) P. Roberts – White Coral Jelly

Mycorrhizal and possibly parasitic on other fungi. Common.

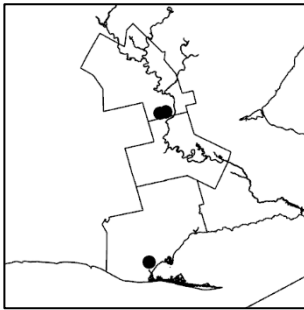
BRAN ✓

NORF ✓

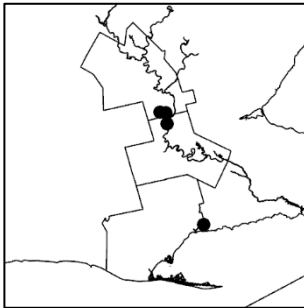
WATE ✓

## Thelephorales

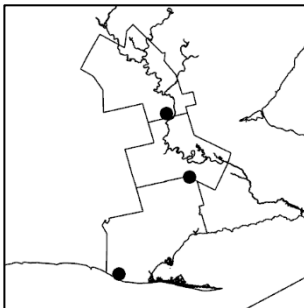
### BANKERACEAE – Tooth Family



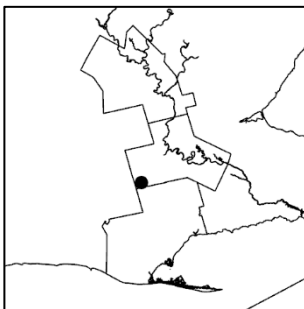
*Hydnellum concrescens* (Pers.) Banker – Zoned Tooth  
Ectomycorrhizal with conifers. Vouchers are needed from Brant County.  
BRAN  
NORF ✓  
WATE ✓



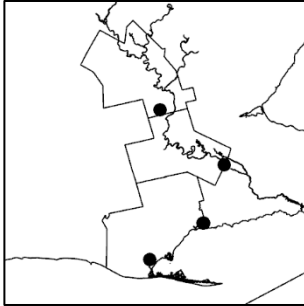
*Hydnellum scrobiculatum* (Fr.) P. Karst. – Ridged Tooth  
Ectomycorrhizal with conifers.  
BRAN ✓  
NORF ✓  
WATE ✓



*Hydnellum spongiosipes* (Peck) Pouzar – Velvet Tooth  
Ectomycorrhizal with hardwoods, especially oaks (*Quercus*).  
BRAN ✓  
NORF ✓  
WATE ✓



*Phellodon fuligineoalbus* (J.C. Schmidt) R.E. Baird – Drab Tooth  
Two records from Brant County, but this species has not been documented in the study area since 1954.  
BRAN ✓ (historical)  
NORF  
WATE

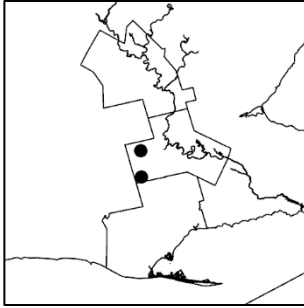


***Sarcodon imbricatus*** (L.) P. Karst. – Shingled Hedgehog  
 Ectomycorrhizal with hardwoods, especially oaks (*Quercus*).  
 BRAN ✓  
 NORF ✓  
 WATE ✓

#### THELEPHORACEAE

A large and diverse family with many new taxa being discovered using genomics, which makes identification difficult. Expected to be more diverse in the study area than records indicate.

<b>OCCURRENCE MAP NOT YET AVAILABLE</b>	<p><b><i>Amaurodon mustialaensis</i></b> Burt                      BRAN ✓ (historical)                      NORF                      WATE</p>
<b>OCCURRENCE MAP NOT YET AVAILABLE</b>	<p><b><i>Odontia fibrosa</i></b> (Berk. &amp; M.A. Curtis) Køljalg                      BRAN ✓ (historical)                      NORF                      WATE</p>
<b>OCCURRENCE MAP NOT YET AVAILABLE</b>	<p><b><i>Thelephora allobadia</i></b> Køljalg, I. Saar &amp; Svantesson                      BRAN ✓ (historical)                      NORF                      WATE</p>
<b>OCCURRENCE MAP NOT YET AVAILABLE</b>	<p><b><i>Thelephora bryophila</i></b> (Pers.) Køljalg, I. Saar &amp; Svantesson (= <i>Tomentella bryophila</i>)                      BRAN ✓ (historical)                      NORF                      WATE</p>
<b>OCCURRENCE MAP NOT YET AVAILABLE</b>	<p><b><i>Thelephora caryophyllea</i></b> (Schaeff.) Pers.                      BRAN                      NORF ✓ (historical)                      WATE</p>
<b>OCCURRENCE MAP NOT YET AVAILABLE</b>	<p><b><i>Thelephora ferruginea</i></b> (Pers.) Pers. (= <i>Tomentella ferruginea</i>)                      BRAN ✓ (historical)                      NORF                      WATE</p>



***Thelephora lapida*** (Pers.) Køljalg, I. Saar & Svantesson (= *Tomentella lapida*)  
Two records from Brant County, but this species has not been documented in the study area since 1934.  
BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Thelephora lilacinogrisea*** (Wakef.) Køljalg, I. Saar & Svantesson  
BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Thelephora microspora*** (P. Karst.) Køljalg, I. Saar & Svantesson (= *Tomentella microspora*)  
BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Thelephora olivascens*** (Berk. & M.A. Curtis) Køljalg, I. Saar & Svantesson  
BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Thelephora phyllicola*** (Burt) Køljalg, I. Saar & Svantesson  
BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

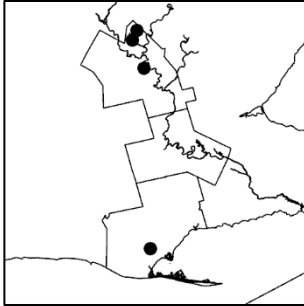
***Thelephora pilosa*** Køljalg, I. Saar & Svantesson  
BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Thelephora regularis*** Fr.  
BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Thelephora ruttneri*** (Litsch.) Køljalg, I. Saar & Svantesson  
BRAN ✓ (historical)  
NORF  
WATE



*Thelephora terrestris* Ehrh. Ex Fr. – Common Fibre Vase  
Ectomycorrhizal with hardwoods. Vouchers are needed from Brant County.  
BRAN  
NORF ✓  
WATE ✓

OCCURRENCE MAP  
NOT YET AVAILABLE

*Thelephora wakefieldiae* Zmitr., Shchepin, Volobuev & Myasnikov  
BRAN ✓ (historical)  
NORF  
WATE

OCCURRENCE MAP  
NOT YET AVAILABLE

*Tomentella bicolor* (G.F. Atk. & Burt) Bourdot & Galzin  
BRAN ✓ (historical)  
NORF  
WATE



*Tomentella punicea* (Alb. & Schwein.) J. Schröt.  
The only record for the study area is a 1938 collection from Brant County (TENN 14789).  
BRAN ✓ (historical)  
NORF  
WATE

OCCURRENCE MAP  
NOT YET AVAILABLE

*Tomentellopsis echinospora* (Ellis) Hjortstam  
BRAN ✓ (historical)  
NORF  
WATE

---

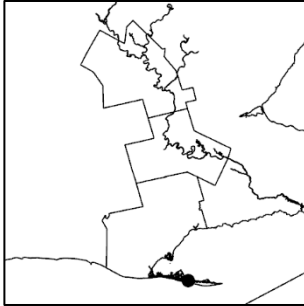
## Trechisporales

### HYDNODONTACEAE

OCCURRENCE MAP  
NOT YET AVAILABLE

*Brevicellicium olivascens* (Bres.) K.H. Larss. & Hjortstam  
BRAN ✓ (historical)  
NORF  
WATE

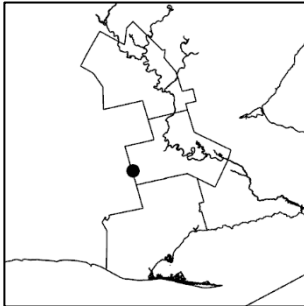
---



***Sistotremastrum suecicum*** Litsch. ex J. Erikss.

The only record for the study area is a 1939 collection from Long Point (TRTC 14954).

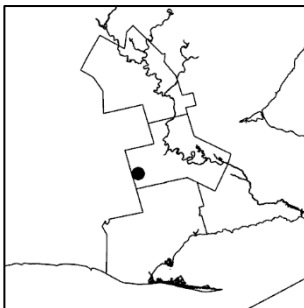
BRAN  
NORF ✓ (historical)  
WATE



***Subulicystidium longisporum*** (Pat.) Parmasto

The only record for the study area is a 1937 collection from Brant County (FLAS 19021).

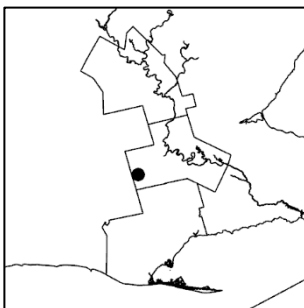
BRAN ✓ (historical)  
NORF  
WATE



***Trechispora candidissima*** (Schwein.) Bondartsev & Singer

The only record for the study area is a 1943 collection from Brant County (MSC 218557).

BRAN ✓ (historical)  
NORF  
WATE



***Trechispora cohaerens*** (Schwein.) Jülich & Stalpers

The only record for the study area is a 1939 collection from Brant County (TENN 14949).

BRAN ✓ (historical)  
NORF  
WATE

**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Trechispora farinacea*** (Pers.) Liberta

BRAN ✓ (historical)  
NORF  
WATE

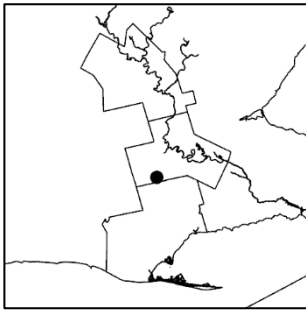
**OCCURRENCE MAP  
NOT YET AVAILABLE**

***Trechispora microspora*** (P. Karst.) Liberta

BRAN ✓ (historical)  
NORF  
WATE

## Xenasmatellales

### XENASMATELLACEAE



*Xenasmatella alnicola* (Bourdot & Galzin) K.H. Larss. & Ryvardeen  
The only record for the study area is a 1941 collection from Brant County (LSU 175466).  
BRAN ✓ (historical)  
NORF  
WATE

OCCURRENCE MAP  
NOT YET AVAILABLE

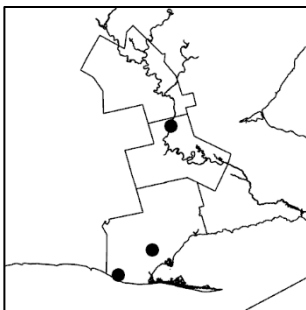
*Xenasmatella vaga* (Fr.) Stalpers  
BRAN ✓ (historical)  
NORF  
WATE

---

## ATRACTIELLOMYCETES

### Atractiellales

#### PHLEOGENACEAE



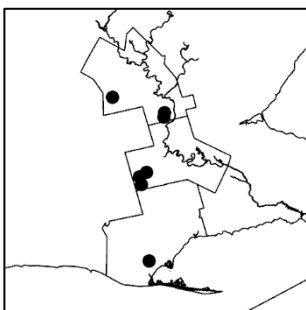
*Phleogena faginea* (Fr. & Palmquist) Link – Fenugreek Stalkball  
Saprobic on hardwoods, especially oaks (*Quercus*).  
BRAN ✓  
NORF ✓  
WATE ✓

---

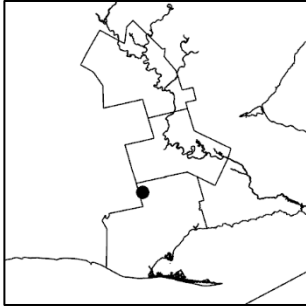
## DACRYMYCETES

### Dacrymycetales

#### DACRYMYCETACEAE



*Calocera cornea* (Batsch) Fr. – Clublike Tuning Fork  
Saprobic on all kinds of wood.  
BRAN ✓  
NORF ✓  
WATE ✓



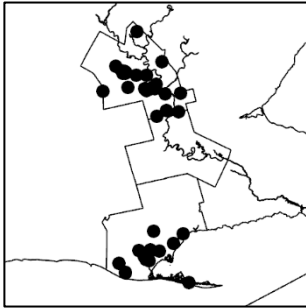
***Dacrymyces capitatus*** Schwein.

The only record for the study area is a 1930 collection from Norfolk County (WIS 4283).

BRAN

NORF ✓ (historical)

WATE



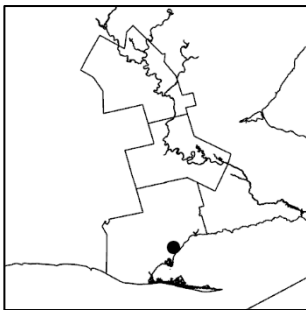
***Dacrymyces chrysospermus*** Berk. & M.A. Curtis – Orange Jelly Spot

Saprobic on all kinds of dead wood. Common.

BRAN ✓

NORF ✓

WATE ✓



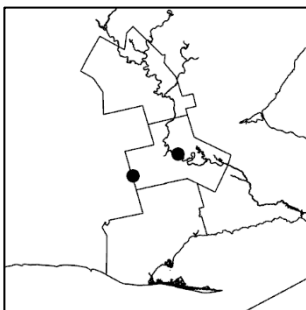
***Dacrymyces corticioides*** Ellis & Everh.

The only record for the study area is a 2022 observation from Norfolk County (iNaturalist 142238348).

BRAN

NORF ✓

WATE



***Dacrymyces deliquescens*** (Bull.) Duby

BRAN ✓ (historical)

NORF ✓ (historical)

WATE



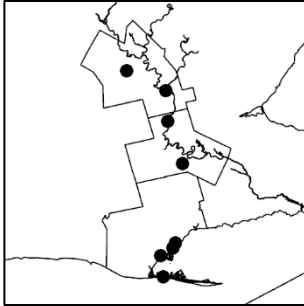
***Dacrymyces minor*** Peck

Records from both Brant County and Norfolk County, but this species has not been documented in the study area since 1939.

BRAN ✓ (historical)

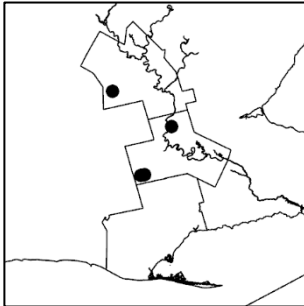
NORF ✓ (historical)

WATE



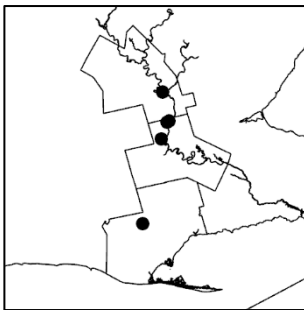
***Dacrymyces spathularia*** (Schwein.) Alvarenga – Fan-shaped Jelly Fungus  
Saprobic on all kinds of dead wood.

BRAN ✓  
NORF ✓  
WATE ✓



***Dacrymyces stillatus*** Nees – Jelly Spot  
Saprobic on all kinds of wood.

BRAN ✓  
NORF  
WATE ✓



(R) ***Dacryopinax elegans*** (Berk. & M.A. Curtis) G.W. Martin  
Saprobic on hardwoods. Rare.

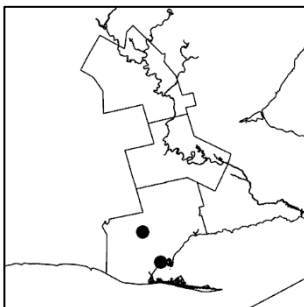
BRAN ✓  
NORF ✓  
WATE ✓

---

## TREMELLOMYCETES

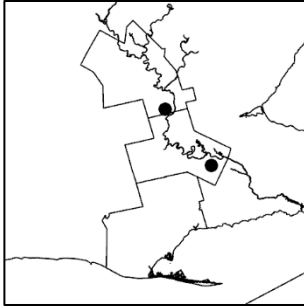
### Tremellales

#### NAEMATELIACEAE



(R) ***Naematelia aurantia*** (Schwein.) Burt – Golden Ear  
Parasitic on *Stereum complicatum* and possibly other species of *Stereum*. Rare.

BRAN  
NORF  
WATE ✓



***Naematelia cerebriformis* Ellis**

Parasitic on *Stereum striatum*. Probably more common than records indicate.

BRAN ✓

NORF

WATE ✓

---

PHAEOTREMELLACEAE



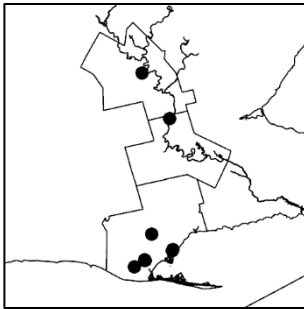
(R) ***Phaeotremella foliacea* (Pers.) Wedin, J.C. Zamora & Millanes** – Pine Jelly

Parasitic on *Stereum* species on conifers. Rare.

BRAN

NORF ✓

WATE



***Phaeotremella frondosa* (Fr.) Spirin & Malysheva**

Parasitic on *Stereum* species on hardwoods.

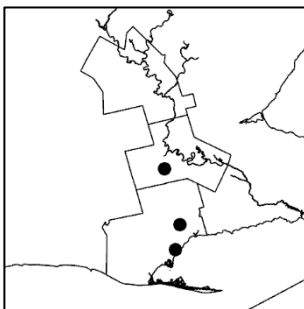
BRAN ✓

NORF ✓

WATE ✓

---

TREMELLACEAE



(R) ***Tremella mesenterica* Retz.** – Witch's Butter

Parasitic on *Peniophora* species on hardwoods. Rare.

BRAN ✓

NORF ✓

WATE

## EXCLUDED TAXA

*Macrolepiota procera* (Scop.) Singer – Parasol. A Eurasian species whose name has been misapplied to at least two species of *Macrolepiota* and possibly species of *Chlorophyllum* in North America (Vellinga *et al.* 2003). There is one historical record from the study area, but the specimen could not be examined. Specimens of *Macrolepiota* are needed from the study area to determine which species are present here.

*Dumontinia tuberosa* (Bull.) L.M. Kohn – Anemone Cup. The identification of a 1943 specimen from Waterloo is doubtful since this species is not known to occur in North America.

*Hydnum repandum* L. – A Eurasian species whose name has been misapplied to several species of *Hydnum* in North America (Niskanen *et al.* 2018).

*Phellinus igniarius* (L.) Quél. – A Eurasian species whose name has been misapplied to several species in North America, namely *P. nigricans* (Zhou *et al.* 2016).

*Stereum ostrea* (Blume & T. Nees) Fr. – False Turkey Tail. *Stereum ostrea* in the strict sense does not occur in North America, but at least four similar species of *Stereum* occur here (DeLong-Duhon 2022).

*Stereum vellereum* Berk. – See *Stereum ostrea* (above).

*Tolyocladium ophioglossoides* (J.F. Gmel.) C.A. Quandt, Kepler & Spatafora – Snaketongue Truffleclub. A 2022 iNaturalist observation (138121926) from Norfolk County could not be verified but might be correct.

## REFERENCES

Baugh, M., and S. Leavitt. 2022. Investigating potential factors influencing shifting lichen distributions – a case study of the maritime sunburst lichen (*Xanthoria parietina*) on a university campus in the Great Basin. *Evansia* 39(3), 115-122.

Biketova, A.Y., T.Y. Svetasheva, A.F.S. Taylor, *et al.* 2025. Morphological and molecular re-assessment of European and Levantine species of the genus *Hortiboletus* (Boletaceae). *IMA Fungus* 16, e144731.

Birkebak, J.M., S. Ostuni, S. Russell. 2025. Notulae Clavariacearum II. *Clavulinopsis manus-buddhae* sp. nov. *McIlvainea* 34, 1-12.

Brinker, S.R. 2025. Contributions to the Ontario biota of lichens and allied fungi, with emphasis on the Great Lakes Basin: Recent collections from the Carolinian Zone. *Opuscula Philolichenum* 24, 127-144.

Brodo, I.M., C. Lewis, and B. Craig. 2007. *Xanthoria parietina*, a coastal lichen, rediscovered in Ontario. *Northeastern Naturalist* 14(2), 300-306.

Bruce, A.L. 2018. Population genomic insights into the establishment of non-native golden oyster mushrooms (*Pleurotus citrinopileatus*) in the United States. M.Sc. thesis, University of Wisconsin-La Crosse.

DeLong-Duhon, S. 2022. Rediscovering a common mushroom with molecular techniques: Elucidating *Stereum* taxonomy and evolutionary history. M.Sc. thesis, University of Iowa.

- Gaio-Oliveira, G., L. Dahlman, K. Palmqvist, *et al.* 2005. Nitrogen uptake in relation to excess supply and its effects on the lichens *Evernia prunastri* (L.) Ach and *Xanthoria parietina* (L.) Th. Fr. *Planta* 220, 794-803.
- Kasuya, T., K. Hosaka, K. Uno, and M. Kakishima. 2012. Phylogenetic placement of *Geastrum melanocephalum* and *Geastrum triplex*. *Mycoscience* 53, 411-426.
- Knudsen, H., and J. Vesterholt. 2008. *Funga Nordica: Agaricoid, Boletoid, and Cyphelloid Genera*. Nordsvamp, Copenhagen, Denmark. 965 pp.
- Kooij, P.W., M.P. Sulastris, A. Rodrigues, and E. Gaya. 2024. Disentangling the basidiomycete family Agaricaceae. *Mycological Progress* 23(75).
- Kout, J., and J. Vlasák. 2007. *Trametes gibbosa* (Basidiomycetes, Polyporales) in the USA and Canada. *Can. J. Botany* 85(3), 342-346.
- Labbé, R. 2024. *Caloscypha fulgens* (Pers.) Boud. Accessed 26 November 2024: <https://www.mycoquebec.org/bas.php?tag=Caloscypha+fulgens&iumq=213>
- Landry, J., Y. Lamoureux, M. Sicard, *et al.* 2025. Répertoire des russules du Québec. MycoQuébec. 214 pp.
- Looney, B.P., P. Meidl, M.J. Piatek, *et al.* 2018. Russulaceae: A new genomic dataset to study ecosystem function and evolutionary diversification of ectomycorrhizal fungi with their tree associates. *New Phytologist* 218, 54-65.
- Malysheva, E.F. 2017. Five new species of *Conocybe* (Agaricomycetes, Bolbitiaceae) from Russia. *Mycological Progress* 16, 625-636.
- McMullin, R.T. 2023. *The Macrolichens of Ontario and the Great Lakes Region of the United States*. Firefly Books. 607 pp.
- McMullin, R.T., H.R. Dorval, L.J. Gillespie, *et al.* 2021. New and interesting Canadian lichens and allied fungi III: Reports from Newfoundland and Labrador, Nova Scotia, Nunavut, Prince Edward Island, Ontario, and Quebec. *Opuscula Philolichenum* 20, 7-18.
- Miller, A.N., A. Yoon, G. Gulden, *et al.* 2020. Studies in *Gyromitra* I: The *Gyromitra gigas* species complex. *Mycological Progress* 19, 1459-1473.
- Miller, A.N., A.C. Dirks, N. Filippova, *et al.* 2022. Studies in *Gyromitra* II: Cryptic speciation in the *Gyromitra gigas* species complex; rediscovery of *G. ussuriensis* and *G. americanigigas* sp. nov. *Mycological Progress* (under review).
- Niskanen, T., K. Liimatainen, J. Nuytinck, *et al.* 2018. Identifying and naming the currently known diversity of the genus *Hydnum*, with an emphasis on European and North American taxa. *Mycologia* 110(5), 890-918.
- Van Hemessen, W.D. 2025. Macrofungi of Brant County, Norfolk County, and Waterloo Region. M.Sc. Thesis. Western University Electronic Thesis and Dissertation Repository: 10754.
- Vellinga, E.C., R.P.J. de Kok, and T.D. Bruns. 2003. Phylogeny and taxonomy of *Macrolepiota* (Agaricaceae). *Mycologia* 95(3), 442-456.

Wang, X.-C., T.-Z. Liu, S.-L. Chen, *et al.* 2019. A four-locus phylogeny of rib-stiped cupulate species of *Helvella* (Helvellaceae, Pezizales) with discovery of three new species. *MycKeys* 60, 45-67.

Zhou, L.-W., J. Vlasák, W.-M. Qin, and Y.-C. Dai. 2016. Global diversity and phylogeny of the *Phellinus igniarius* complex (Hymenochaetales, Basidiomycota) with the description of five new species. *Mycologia* 108(1), 192-204.