

Ontario Lepidoptera 2010



Edited and Compiled by

Ross A. Layberry and Colin D. Jones



Toronto Entomologists' Association
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Information on submitting records, notes and articles to *Ontario Lepidoptera* can be obtained by contacting an editor:

Colin D. Jones

Co-editor and co-compiler of Butterflies and Skippers
Box 182
Lakefield, Ontario, Canada
K0L 2H0
Home Tel: (705) 652-5004
Work Tel: (705) 755-2166
Email: colin.jones@ontario.ca

Ross A. Layberry

Co-editor and co-compiler of Butterflies and Skippers
6124 Carp Road
Kinburn, Ontario, Canada
K0A 2H0
Tel: (613) 832-4467
Email: rosslayberry@yahoo.ca

Currently Vacant

Editor and compiler of Moths

COVER PHOTOGRAPHS

Front: American Snout at Point Pelee N.P., *Essex* on September 19, 2010 (photo: Bob Yukich)

Back: Variegated Fritillary at Leamington, *Essex* on October 25, 2010 (photo: Gary Tetzlaff)

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GENERAL INTRODUCTION

This issue of *Ontario Lepidoptera* includes notes, photos and records from the 2010 seasons as well as a number of valuable and interesting notes and articles on Lepidoptera in the province.

The most exciting discovery of the year was that of a Gulf Fritillary at Rondeau Provincial Park, *Chatham-Kent* on June 20 by Allen Woodliffe. Allen has written a note about the discovery complete with a photograph of the individual to fully document the record – a first for Ontario! Brenda Van Ryswyk has written a note on the discovery of a Funereal Duskywing at the Kelso Conservation Area, *Halton* – a new species for both *Halton* and the “Hamilton Study Area”. James Kamstra once again presents a summary of the Ontario butterfly counts for the year and, of course, the articles and notes are followed by the written summary of the 2010 Ontario butterfly records that have been submitted by our many contributors.

Data for all records of all species received for 2010 (much more data than can be included in the printed summary!) are included in a table available to TEA members as PDF files from Colin Jones (see contact information below). For any members without a computer, simply contact Colin, he will be more than happy to send you a printed copy of the tables.

The contents of this publication have been checked for errors and accuracy as much as possible. Please notify us of any corrections of errors or omissions, and these will be included in future issues of *Ontario Lepidoptera* and incorporated into the database.

Work on the compilation and production of Ontario Lepidoptera 2011 has already begun but we will be accepting additional records, notes and photographs from the 2011 season until January 31, 2012. Please send any contributions to:

Colin Jones
Box 182, Lakefield, ON
K0L 2H0
Tel: 705-652-5004
email: colin.jones@ontario.ca

OR

Ross Layberry
6124 Carp Rd., Kinburn, ON
K0A 2H0
Tel: 613-832-4467
email: rosslayberry@yahoo.ca

Information on how to submit records can be obtained from the compilers.

CORRECTIONS TO PREVIOUS SUMMARIES

Ontario Lepidoptera 2009

page 31, under **Old World Swallowtail**. Three of the four records from NGE were actually of **Northern Crescent** and not Old World Swallowtail. These three records are as follows:

- June 21, two seen at Bowker, 4 km SW of Ouimet
- July 4, 30 seen on Eastside Lake Rd., 80 km E of Longlac
- August 9 five seen at 650 Alice Avenue, Thunder Bay.

ACKNOWLEDGEMENTS

Ontario Lepidoptera would not be possible without the considerable effort of the contributors who take the time to submit their records each year. In particular, we would like to acknowledge the following individuals for their efforts as they took the time to submit records, in some instances not only of their own but also on behalf of others: the Algonquin P.P. Naturalist Staff, Alfred Adamo, Blake Mann, Bob Bracken, Bob Kortright, Barry Harrison, Bob Yukich, Brenda Van Ryswyk, Candice Kerling, the Charleston Lake P.P. Naturalist Staff, Christina Lewis, Christine Hanrahan, Chris Bruce, Chris Rickard, Chris Robinson, Colin Jones, David Allison, David Bree, Diane Lepage, Don Davis, Ed Poropat, Erica Barkley, Gary Tetzlaff, Gary Yankech, Gard Otis, Gillian Mastromatteo, John Poland, James Kamstra, Jeremy Newnham, Jerry Ball, Jessica Grealey, John Carley, John Walas, Justin Peter, Ken Allison, Kurt Hennige, Linda Jeays, Mary and Tony Rapati, Maxime Larrivee, Michael Olsen, Mike Burrell, Nick Escott, Peter Hall, Rick Cavasin, Ralph Thorpe, Ross Layberry, Sue Bryan.

A special thank-you and welcome to the new contributors whose names are underlined.

We would also like to thank those who submitted photographs from 2010 including: Alfred Adamo, Bob Yukich, Brenda Van Ryswyk, Colin Jones, Gary Tetzlaff, Gary Yankech, John Carley, Kurt Hennige, Michael Butler and Nick Escott.

LIST OF CONTRIBUTORS AND OBSERVERS

Ontario Lepidoptera 2010 summarizes data and observations of butterflies and skippers for the 2010 season in the province of Ontario, Canada, received from the contributors and observers listed below:

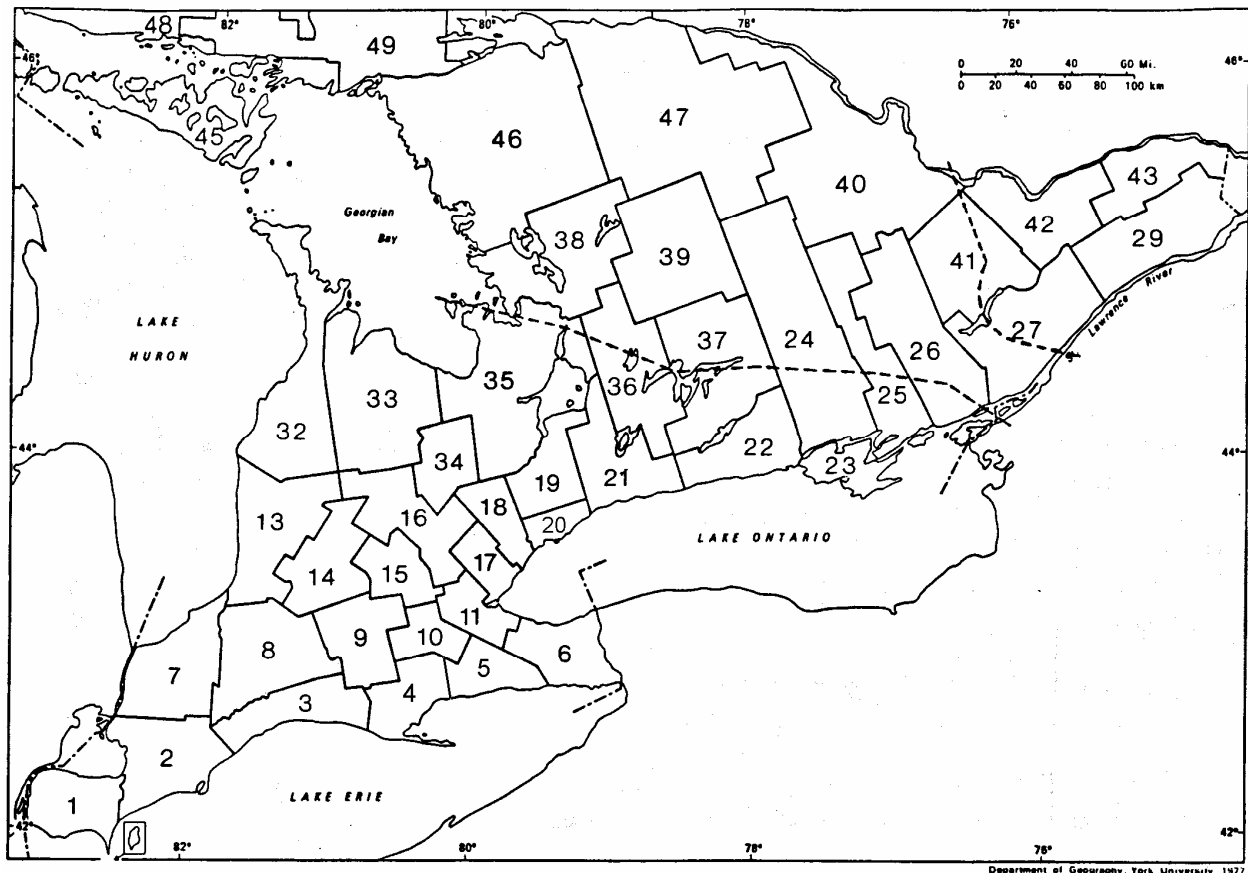
AA	Alfred Adamo	Toronto	BMcG	Brecchan McGoey	Hamilton
ABe	Alex Benvenuti	New Liskard	BoKo	Bob Kortright	Toronto
ABo	A. Boyd	Sandbanks PP	BSo	Becky Solymar	Port Ryerse
ABu	Alvan Buckley	Toronto	BVR	Brenda Van Ryswyk	Hamilton
ACP	Adam C. Pinch	Leamington	BWo	Brett Woodman	Waterloo
AdBe	Adrianna Benvenuti	New Liskard	BZ	B. Zacharias	Welland
AJH	Adam J. Hall		CaD	Cara Daw	Hamilton
AnA	Anne Anthony	Peterborough	CB	Chris Boettger	Algonquin P.P.
AP	Angelena Paglia	Algonquin P.P.	CBe	Catherine Benvenuti	New Liskard
APP	Algonquin P.P. Naturalist Staff	Algonquin P.P.	CBr	Chris Bruce	Ottawa
ARi	Andrew Ryckman	Waterloo	CDJ	Colin D. Jones	Lakefield
ATh	A.Thompson	Ottawa	CEa	Chris Earley	Rockwood
AW	Alan Wormington	Leamington	CeH	Celia Harte	Toronto
AWh	Ann White	London	CF	Chao Fang	Scarborough
AWo	Al Woodhouse	Waterloo	CH	Christine Hanrahan	Ottawa
AY	Aaron Yukitch	Toronto	CK	Carolyn King	Willowdale
BAM	Blake A. Mann	Wallaceburg	CL	Christina Lewis	Ottawa
BBo	Bill Bower	Ottawa	CLK	Candice L. Kerling	St. Catherines
BBr	Bob Bracken	Ottawa	CMo	Charlotte Moore	Waterloo
BER	Bruce E. Ripley	Kingston	CPR	Chris P. Robinson	Glenburnie
BG	B. Gilmour	Sandbanks P.P.	CSAM	Craig S.A. McLauchlan	Toronto
BH	Barry Harrison	Scarborough	DA	David Allison	Ottawa
BKo	Bob Kortright	Toronto	DaB	Dave Brown	Mitchell
BKu	Brenda Kulon	Bright's Grove	DAn	D. Anderson	Presqu'ile PP
BMa	Barb Martin	Port Elgin	DAS	Don A. Sutherland	Peterborough

DaW	Dave Worthington	Toronto	JL	Jeff Larson	Harrow
DBr	David Bree	Bloomfield	JMe	Jeewa Mendis	
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DCT	Doug C. Tozer	Dwight	JN	Jeremy Newnham	Ottawa
DD	Don Davis	Toronto	JOz	Janet Ozaruk	Waterloo
DdE	David d'Entremont	Guelph	JP	Justin Peter	Algonquin P.P.
DHE	David H. Elder	Atikokan	JPL	Janet Layberry	Ottawa
DLe	Diane Lepage	Ottawa	JPo	John Poland	Kingston
DMcC	D. McClure	Bloomfield	JRi	J. Ripley	kingston
DoSh	Don Shanahan	Brighton	JSh	Josh Shea	Waterloo
DP	Don Peuremaki	Toronto	JTF	John Fowler	Almonte
DPy	Donald Pye	Wardsville	JVi	Jessica Vickruck	St. Catherines
DTy	Don Tyerman	Presqu'ile P.P.	JW	John Walas	Thunder Bay
EH	Ethan Huner	Algonquin P.P.	KA	Ken Allison	Ottawa
EK	E. Kellogg	Port Hope	KaC	Karen Castro	Ottawa
EP	Ed Poropat	Haliburton	KAM	Kevin A. McLaughlin	Hamilton
EPB	Erica Barkley	Charleston Lake	KAn	K. Anderson	Presqu'ile P.P.
ES	Erin Sanders	Aylmer	KBu	Ken Burrell	Heidelberg
FHo	Freda Holmes	Kenora	KeMo	Ken Morrison	Algonquin Park
FL	Frank Landry	Presqu'ile PP	KFN	Kingston Field Naturalists	Kingston
GBr	George Bryant	Toronto	KH	K. Hennige	Kingston
GC	Geoff Carpentier	Ajax	KiR	Kim Row	Fort Frances
GL	Gord Lewer	Hamilton	KKi	Ken Kingdon	Kingston
GM	Gillian Mastromatteo	Ottawa	KRJ	Klara R. Jones	Lakefield
GO	Gard Otis	Guelph	KS	Kelly Stronks	Dwight
GP	Gavin Platt	London	KWK	Karl & William Konze	Guelph
GR	Glenn Richardon	Listowel	LaB	Laura Burns	Guelph
GRT	Gary Tetzlaff	Leamington	Lbu	Lindsay Burtenshaw	Hamilton
GY	Gary Yankech	Toronto	LF	Lev Frid	Algonquin P.P.
HB	Harry Barber	Fergus	LHa	Lori Haines	Algonquin P.P.
HC	Heather Campbell	Windsor	LJ	Linda Jeays	Ottawa
HHe	Heather Heron	Bloomfield	LLa	Larry Lamb	Waterloo
HJu	Helen Juhola	Toronto	LMcC	Larry McCurdy	Kingston
HK	Hugo Kitching	Algonquin P.P.	LN	Larry Neilly	Ottawa
HM	Harvey Medland	Pickering	LP	Lee Pauze	Dwight
HRe	H. Redmon	Sandbanks PP	LRO	Laura Robson	Guelph
HTO	Henrietta T. O'Neill	Leamington	LS	Leon Schlichter	Toronto
HuCu	Hugh Currie	Toronto	LT	Laura Tozer	Huntsville
IL	Isabel Leyourneau	Ottawa	MaE	Mary Elder	Atikokan
IS	Ian Shanahan	Brighton	MaPa	Maris P. Apse	Grand Bend
ISt	Ian Stanley	Toronto	MC	Margaret Carney	Oshawa
JAR	Joyce & Allen Reddoch	Ottawa	MCo	Mark Conboy	Kingston
JaW	Jason Webb	Aylmer	MCS	M. & C. Seymour	Kingston
JB	Jerry Ball	Peterborough	MLa	Maxim Larrivee	Ottawa
JBar	J Bartok	Tweed	MLA	Martha Allen	Marathon
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JD	Joanne Dewey	Picton	MMcR	Margaret McRae	Toronto
JDu	Joanne Duval	Ottawa		Michael & Nancy van der	
JE	Jim Ellis	Toronto	MNP	Poorten	Toronto
JFe	Janet Fenton	Charleston Lake P.P.	MOI	Michael Olson	Ottawa
JG	Jessica Grealey	Waterloo	MQ	Michelle Quesnel	Charleston Lake P.P.
JGP	John G. Powers	Cambridge	MRA	Mary Rapati	Port Elgin
JHo	Jim Hopkins	Haliburton	MTB	Michael Butler	Marathon
JIn	Jeremy Inglis	Pembroke	MVB	Mike Burrell	Heidelberg
JK	James Kamstra	Port Perry	MWe	Monique Wester	Sault Ste. Marie
			MyF	Myles Falconer	Thunder Bay

NGE	Nick G. Escott	Thunder Bay	StM	Steve Marshall	Fergus
NMc	Naish McHugh	Toronto	STP	Stephen T. Pike	Windsor
NPe	N. Petronella	Ottawa	StU	Stephanie Ulcar	Milton
NSz	N. Szabo	Ottawa	TAG	Tyler Goff	Charleston Lake P.P.
NTo	Norah Toth	Owen Sound	TB	Tony Bigg	Lakefield
PAW	P. Allen Woodliffe	Chatham	TBr	Tara Brenton	Waterloo
PBM	Peter Mills	Barrie	TCr	Tara Crewe	Port Rowan
PCar	Paul Carter	Sarnia	TEA	TEA Members	
PCh	Pete Chapman	Hungry Hollow	TF	Tyler Flockhart	Guelph
PCI	Peter Clute	Ajax	TH	Tom Hanrahan	Ottawa
PD	Paul Desjardins	Windsor	TLa	Thom Lambert	Haliburton
PH	Peter Hall	Ottawa	TLe	Tim Leah	Ottawa
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PMa	Pat Martin	Port Elgin	TPo	Tamara Poropat	Haliburton
PMC	Paul M. Catling	Ottawa	TRa	Tony Rapati	Port Elgin
PPP	Presqu'ile PP Staff	Presqu'ile P.P.	TRe	Tim Reese	Sault Ste. Marie
PR	Peter Raspberry	Kitchener	TRS	T. Rick Stronks	Dwight
PSB	Peter S. Burke	London	TSO	Tom & Sue O'Donnell	Niagara Falls, NY
RA	Ruth Allison	Ottawa	VCa	Victoria Carley	Scarborough
RAL	Ross A. Layberry	Kinburn	WF	Walter Fisher	Scarborough
RCa	Rick Cavasin	Ottawa	WGL	Bill G. Lamond	Hamilton
RCL	Ruth C. Layberry	Kinburn	WL	William Layberry	Kinburn
RDe	Rachel Derbyshire	Algonquin P.P.	XLa	Xoe Larrivee	Ottawa
RGo	R. Gottesman	Toronto	YB	Yvette Bree	Bloomfield
RGT	Ron G. Tozer	Dwight	YZ	Yuanmeng Zhang	Chelmsford
RJP	Rod and Joan Parrott	Port Hope	ZF	Z. Flavelle	Sandbanks PP
RJY	Robert J. Yukich	Toronto	ZL	Zach Long	
RP	Rayfield Pye	Oshawa			
RPo	Rachel Powless	West Bloomfield, MI			
RS	Ron Stager	Gravenhurst			
RT	Ralph Thorpe	Ottawa			
SB	Sue Bryan	Thunder Bay			
SDe	Sarah Dewey	Picton			
SER	Sarah E. Rupert	Leamington			
SLa	Steve Laforest	Oshawa			
SMa	Sophie Mazowita	Algonquin P.P.			
SMI	S. Miller	Ottawa			
SoB	Sonje Bols	Algonquin P.P.			
SRai	Simon Rainville	Ottawa			
SRB	Sam R.Brinker	Peterborough			
STJ	Shan T. Jones	Lakefield			

C.A. = Conservation Area
m.obs. = multiple observers
N.P. = National Park
P.P. = Provincial Park

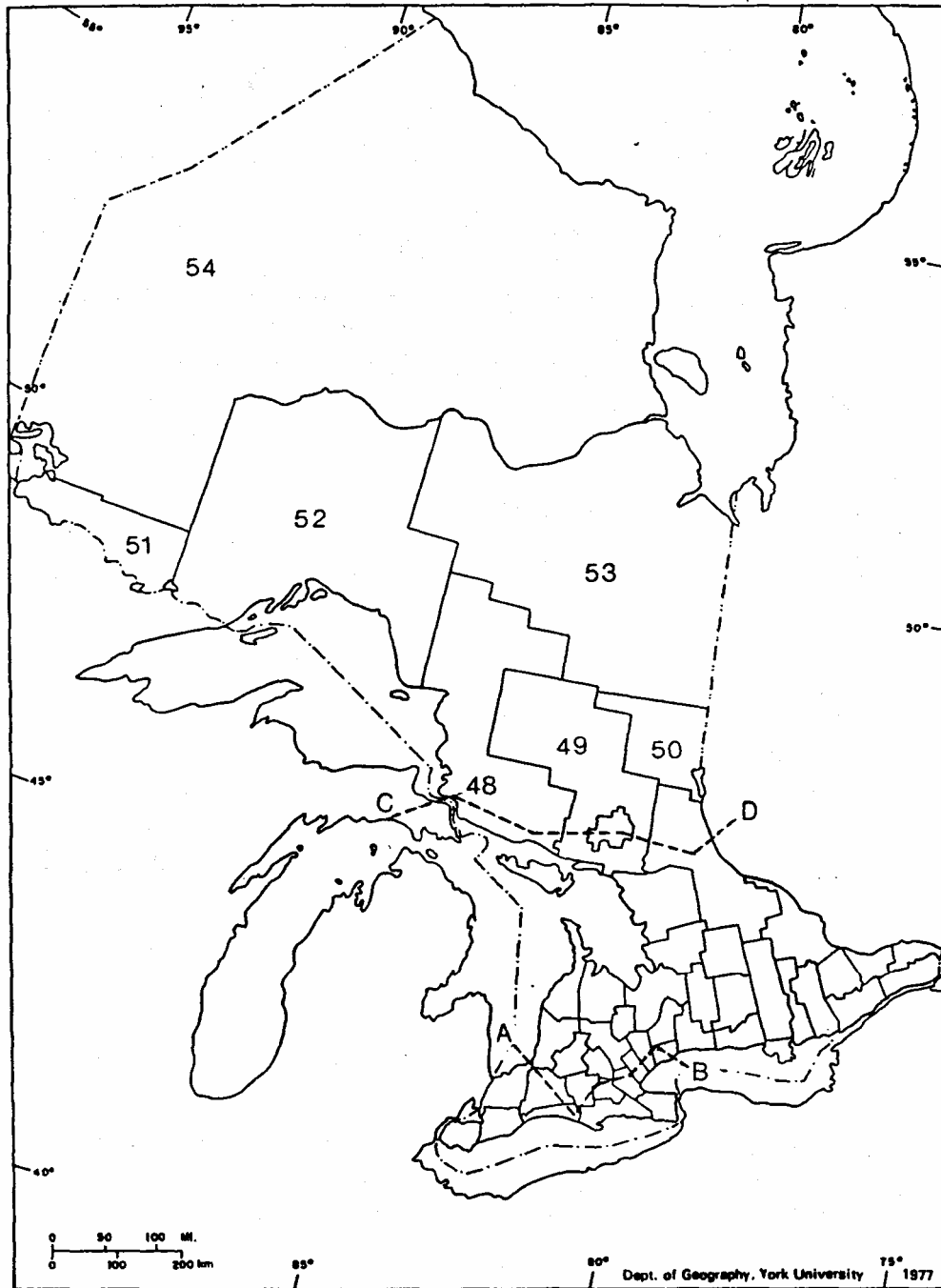
COUNTIES, DISTRICTS AND REGIONAL MUNICIPALITIES OF ONTARIO



Department of Geography, York University 1977

Counties, Districts and Regional Municipalities of southern Ontario. The dotted line indicates the approximate southern and eastern limits of the Canadian Shield in Ontario. The 4-letter codes listed below are used in the table of all butterfly records submitted from the 2010 season.

1	ESSE	Essex County	24	HAST	Hastings County
2	KENT	Municipality of Chatham-Kent	25	LENN	Lennox and Addington County
3	ELGI	Elgin County	26	FRON	Frontenac County
4	NORF	Norfolk County	27	LEED	United Counties of Leeds and Grenville
5	HALD	Haldimand County	29	STOR	United Counties of Stormont, Dundas and Glengarry
6	NIAG	Regional Municipality of Niagara	32	BRUC	Bruce County
7	LAMB	Lambton County	33	GREY	Grey County
8	MIDD	Middlesex County	34	DUFF	Dufferin County
9	OXFO	Oxford County	35	SIMC	Simcoe County
10	BRAN	Brant County	36	VICT	City of Kawartha Lakes
11	HAMI	Regional Municipality of Hamilton-Wentworth	37	PETE	Peterborough County
13	HURO	Huron County	38	MUSK	District Municipality of Muskoka
14	PERT	Perth County	39	HALI	Haliburton County
15	WATE	Regional Municipality of Waterloo	40	RENF	Renfrew County
16	WELL	Wellington County	41	LANA	Lanark County
17	HALT	Regional Municipality of Halton	42	OTTA	Regional Municipality of Ottawa-Carleton
18	PEEL	Regional Municipality of Peel	43	PRES	United Counties of Prescott and Russell
19	YORK	Regional Municipality of York	45	MANI	Manitoulin District
20	METR	Metropolitan Toronto	46	PARR	Parry Sound District
21	DURH	Regional Municipality of Durham	47	NIPI	Nipissing District
22	NORT	Northumberland County			
23	PRIN	Prince Edward County			



Map of Ontario indicating the districts of northern Ontario. The line A-B represents the approximate northern limit of the Carolinian Zone (see Soper 1954, 1962). Line C-D approximates the 40 degree F mean daily temperature for the year isotherm, and has been adopted here as the northern limit of southern Ontario. The 4-letter codes listed below are used in the table of all butterfly records submitted from the 2010 season.

- | | | | | | |
|----|------|--|----|------|----------------------|
| 48 | ALGO | Algoa District | 52 | THUN | Thunder Bay District |
| 49 | SUSB | Sudbury District (including City of Sudbury) | 53 | COCH | Cochrane District |
| 50 | TIMI | Timiskaming District | 54 | KENO | Kenora District |
| 51 | RAIN | Rainy River District | | | |