

Supplementary Material

Oswald Bertram Lower (1864–1925): a South Australian pioneer in the discovery of Australia’s biodiversity

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Appendix 1. Some localities for new species of Lepidoptera described by Oswald Lower.

Lower described Lepidoptera from a wide range of Australian localities, having correspondents who collected in all states. Unfortunately, Lower did not always nominate the collector of the specimen in his descriptions. Regions draw on the Biogeographic Regionalisation for Australia in some cases.

Locality	Region	Collector/correspondent
Victoria:		
Bairnsdale	Gippsland	
Birchip	Wimmera	D. and J.C. Goudie
Fernshaw	South Eastern Highlands	
Gippsland	Gippsland	
Gisborne	Central Victorian Uplands	George Lyell jun
Kewell	Coastal Victoria	James A. Kershaw
Melbourne	Coastal Victoria	
Sale	Gippsland	
Springvale	Coastal Victoria	
Stawell	Grampians	Frank Spry
Trafalgar	Coastal Victoria	J.A. Kershaw
Toorak	Coastal Victoria	
Windsor	Coastal Victoria	W.H.F Hill
Queensland:		
Brisbane	South east Queensland	
Cairns	Coastal North Queensland	F.P. Dodd
Chillagoe	Einasleigh Uplands	F.P. Dodd
Cooktown	Coastal North Queensland	F.P. Dodd
Duaranga (Coomooboolaroo)	Brigalow Belt	G. Barnard
Herberton	Atherton Tableland	F.P. Dodd
Kedron Brook	South east Queensland	
Kuranda	Atherton Tableland	F.P. Dodd
Mackay	Coastal central Queensland	R.E. Turner
Rockhampton	Coastal central Queensland	
Townsville	Coastal North Queensland	F.P. Dodd
Warra	Darling Downs	Mrs Hobler
New South Wales		
Broken Hill	Barrier Range	O.B. Lower
Balaclava, 22km SSW of Broken Hill	Barrier Range	O.B. Lower
Hornsby	Sydney Basin	
Sydney	Sydney Basin	
South Australia:		
Arthurton	Yorke Peninsula	
Baker's Gully	Mt Lofty Ranges	
Balaklava	Adelaide Plains	
Balhannah	Mt Lofty Ranges	
Belair	Mt Lofty Ranges	

Blackwood	Mt Lofty Ranges	
Burnside	Adelaide Plains	
Clarendon	Mt Lofty Ranges	
Exeter	Adelaide Plains	
Glenelg	Adelaide Plains	
Glen Osmond	Mt Lofty Ranges	
Golden Grove	Adelaide Plains	
Goolwa	Murray mouth	
Hallett's Cove	Adelaide Plains	
Henley Beach	Adelaide Plains	O.B. Lower
Highbury	Adelaide Plains	
Hoyleton	Mt Lofty Ranges	E. Guest
Irrapatana	Oodnadatta Track	
Kangaroo Island	Kangaroo Island	
Lake Mulligan	Far North of SA	A. Zeitz
Littlehampton	Mt Lofty Ranges	
MacDonnell Bay	Naracoorte Coastal Plain	
Mitcham	Adelaide Plains	
Mount Gambier	Naracoorte Coastal Plain	
Mount Lofty	Mt Lofty Ranges	H. Lower
Mount Pleasant	Mt Lofty Ranges	
Parkside	Adelaide Plains	
Penola	Naracoorte Coastal Plain	
Pinnaroo	Murray Mallee	R.S. Lower
Port Lincoln	Eyre Peninsula	T. Blackburn
Port Victor	Fleurieu	Sid and Frank Angel
Reedbeds	Adelaide Plains	
Semaphore	Adelaide Plains	
Slapes Gully	Adelaide Plains	
Teatree Gully	Adelaide Plains	
Uraidla	Mt Lofty Ranges	
Waterfall Gully	Mt Lofty Ranges	
Wayville	Adelaide Plains	O.B. Lower
Western Australia		
Darling Range	Jarrah Forest	
Derby	West Kimberley	
Eucla	Nullarbor Plain	
Fraser's Range	Coolgardie	
Perth	Swan Coastal Plain	S. Angel
Tasmania		
Billopp	Northern Midlands	G. Barnard
Hobart	Derwent Valley	
Windermere	Tamar Valley	G. Barnard
Northern Territory		
Alice Springs	MacDonnell Ranges	S. Angel
Palmerston	Darwin Coast	
Port Darwin	Darwin Coast	F.P. Dodd
Tennant's Creek	Barkly Tableland	J. Field

Appendix 2. Profile of likely valid species names of Australian Lepidoptera proposed by Oswald B. Lower, ranked by family (total=828 species). Derived from on-line data in the *Atlas of Living Australia*. Viewed 25 August 2022.

Lepidoptera family	n
OECOPHORIDAE	207
GEOMETRIDAE	106
COSMOPTERIGIDAE	61
NOCTUIDAE	59
CRAMBIDAE	58
GELECHIIDAE	56
EREBIDAE	50
TORTRICIDAE	49
PYRALIDAE	37
PSYCHIDAE	30
HESPERIIDAE	16
NOLIDAE	8
LECITHOCERIDAE	7
TINEIDAE	7
GLYPHIPTERIGIDAE	6
LASIOCAMPIDAE	6
LIMACODIDAE	6
COSSIDAE	5
ANTHELIDAE	4
BRACHODIDAE	4
GRACILLARIIDAE	4
YPONOMEUTIDAE	4
DEPRESSARIIDAE	3
HEPIALIDAE	3
HYPERTROPHIDAE	3
BATRACHEDRIDAE	2
BLASTOBASIDAE	2
CARPOSINIDAE	2
ETHMIIDAE	2
GALACTICIDAE	2
IMMIDAE	2
PLUTELLIDAE	2
SCYTHRIDIDAE	2
CHOREUTIDAE	1
COLEOPHORIDAE	1
DREPANIDAE	1
ERIOCOTTIDAE	1
INCURVARIIDAE	1
NOTODONTIDAE	1

NYMPHALIDAE	1
OENOSANDRIDAE	1
SPHINGIDAE	1
THYRIDIDAE	1