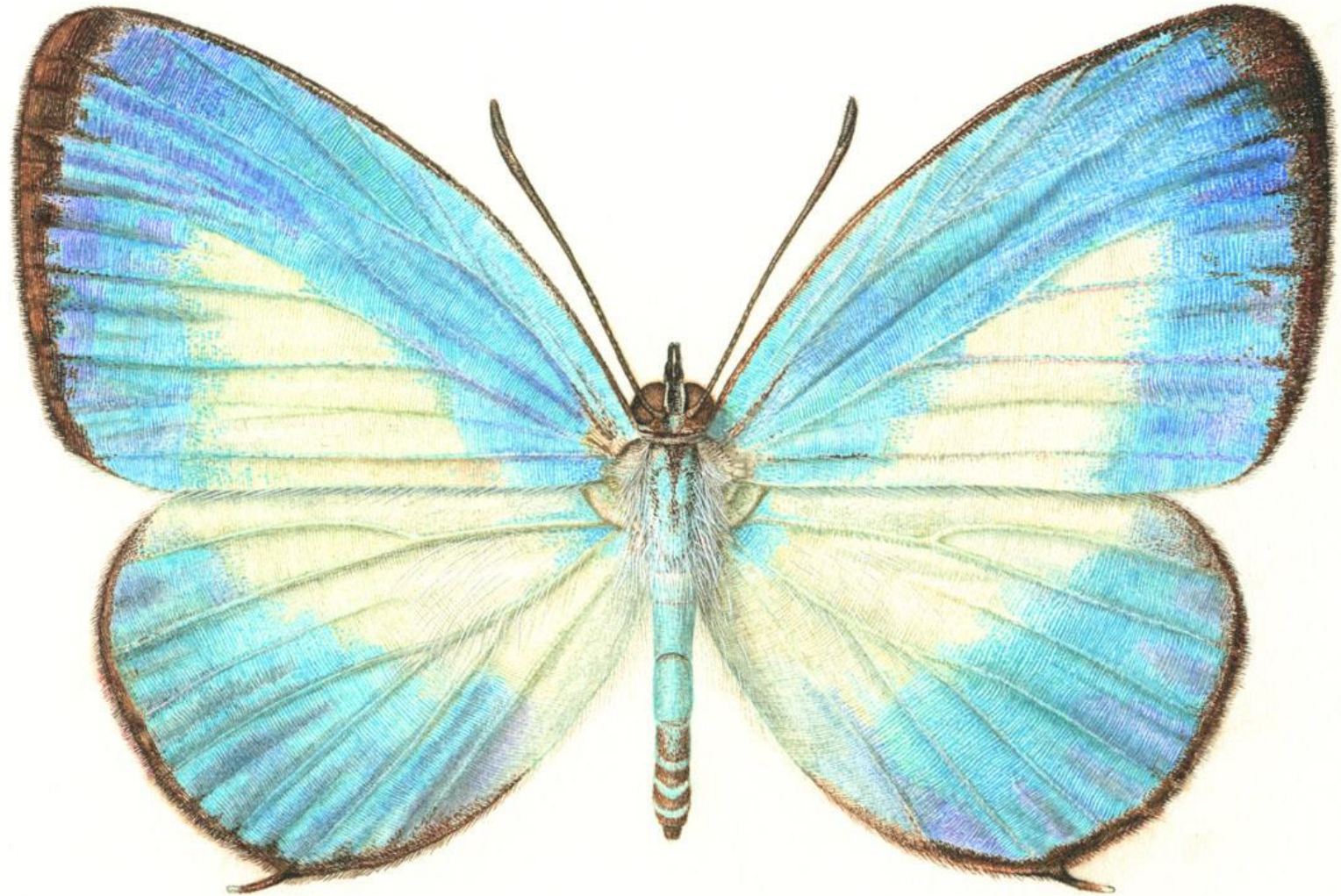


Hasselblad H4D-200MS Drawer Imaging

Geoff Thompson
Queensland Museum

I was an insect collection manager and
illustrator



Worked with QM collection for 30 years



2005 Qld-Smithsonian Fellowship -to
evaluate microphotography systems, learn digital
illustration techniques & share expertise



In 2011 won contract from Atlas of Living Australia to purchase photographic assets and use them to supply images of QM biological collections

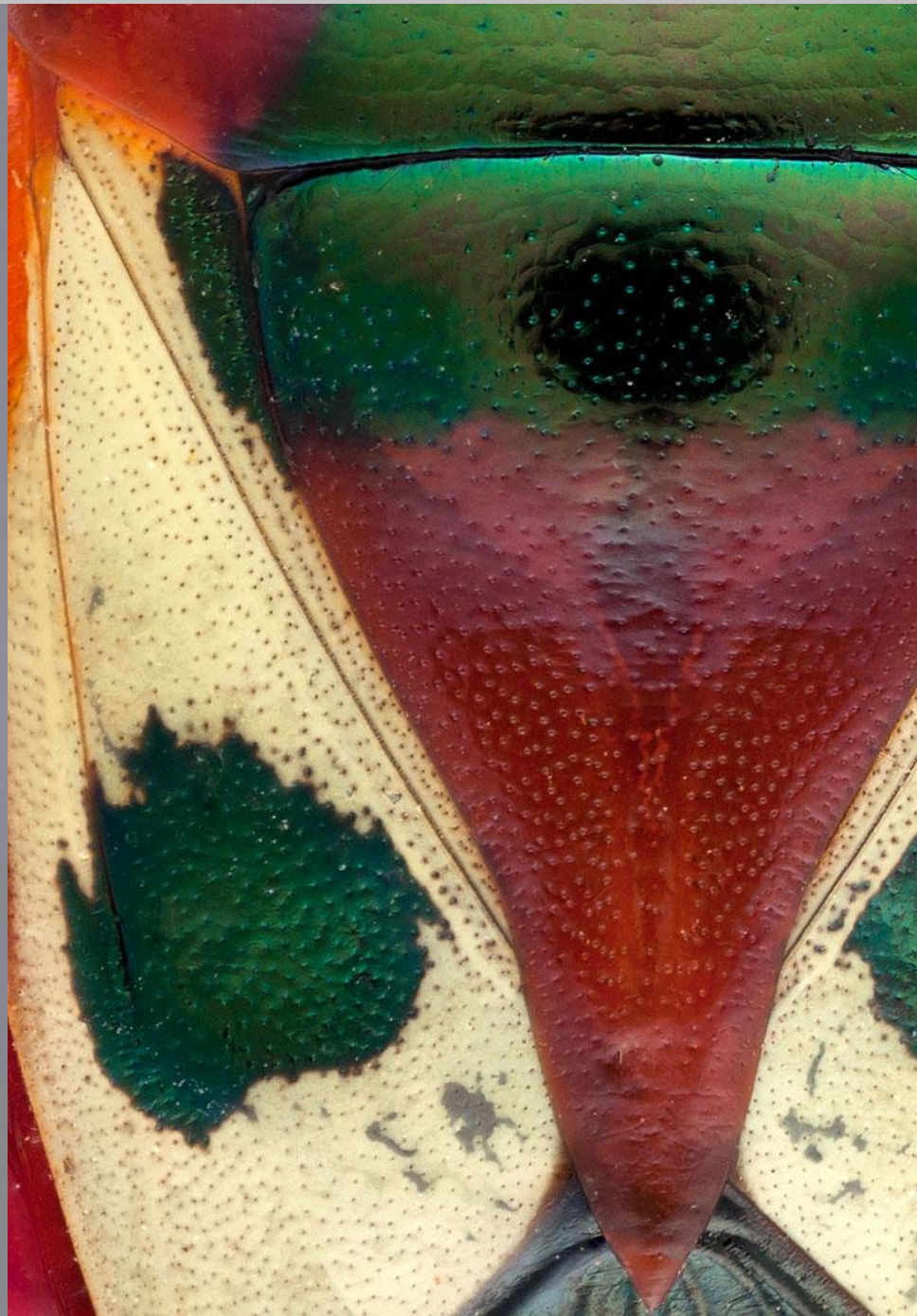


Now a Collection Imager for whole Queensland Museum



Mostly do focus-stacked images







0.5 mm

Hasselblad was upgraded to 200 MP



First project after upgrade to photograph historic Dodd cases



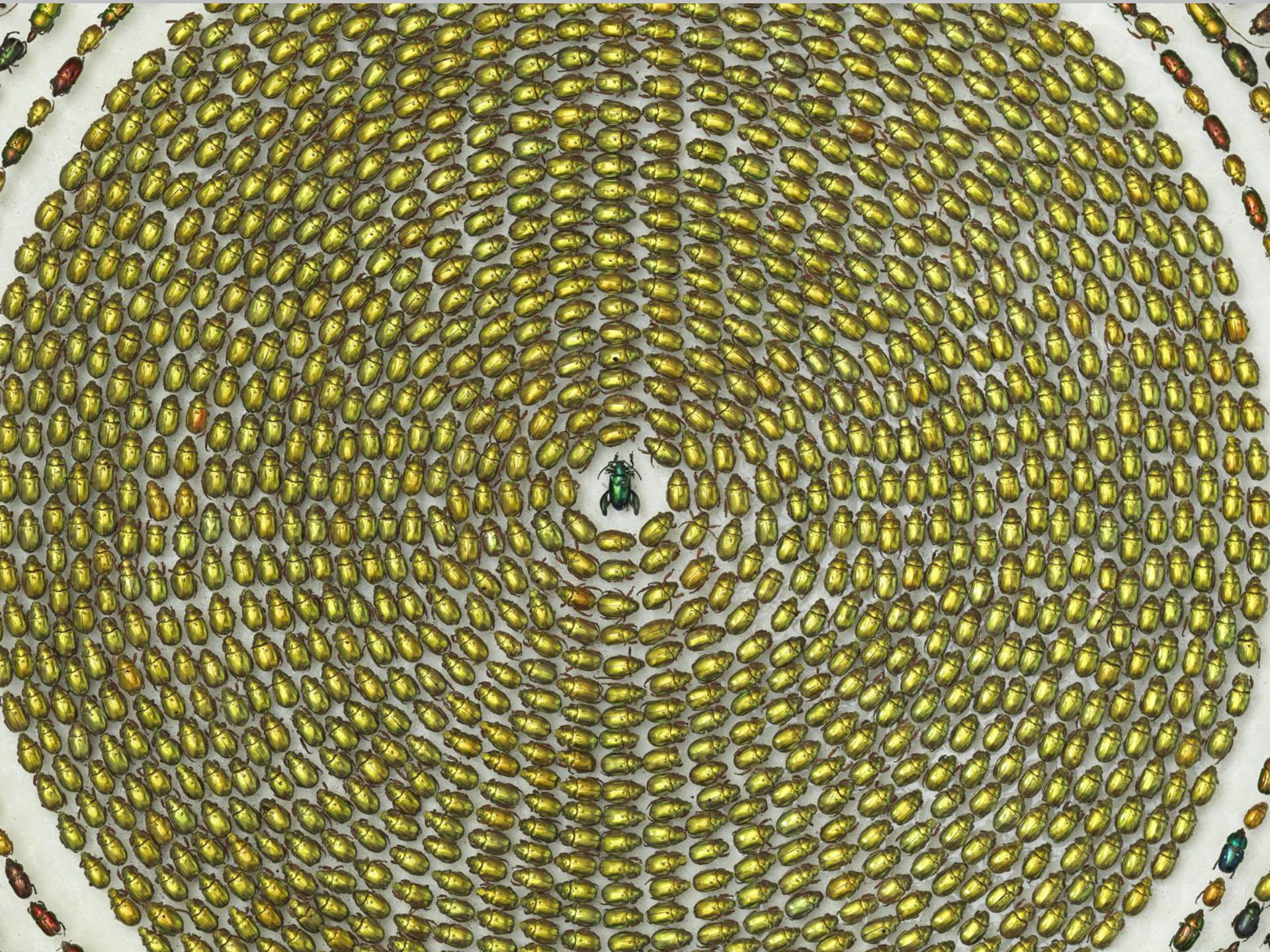


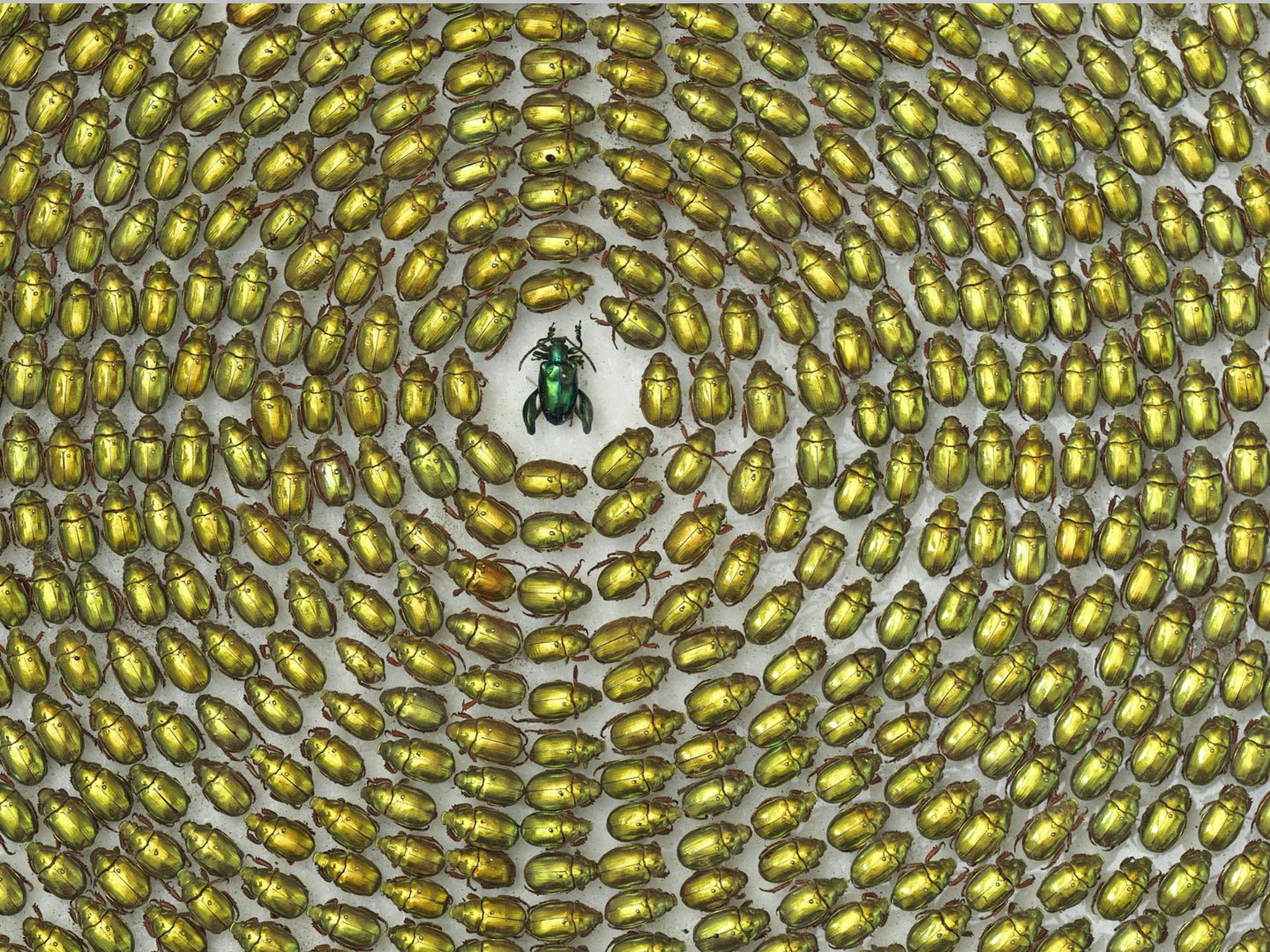


















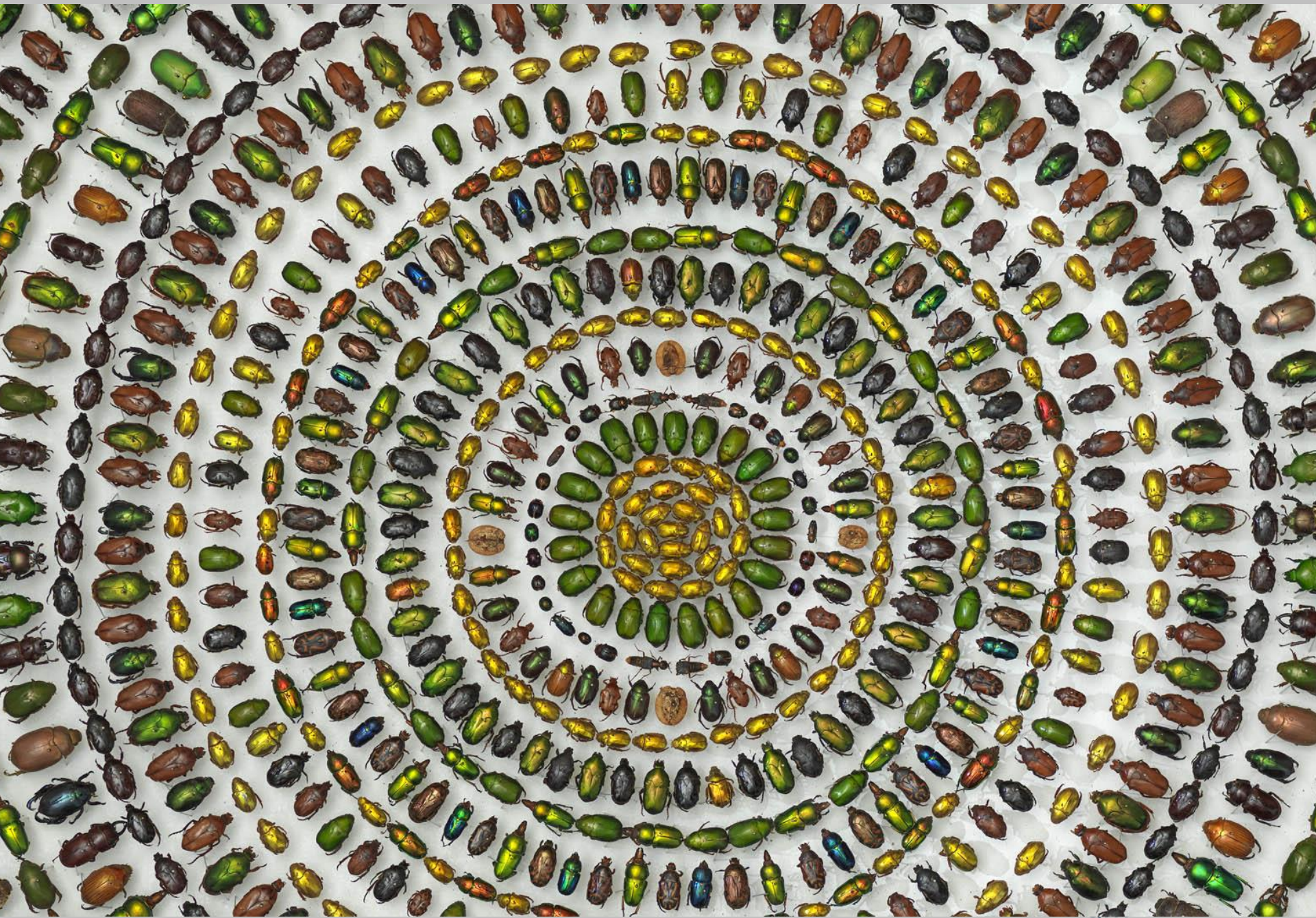








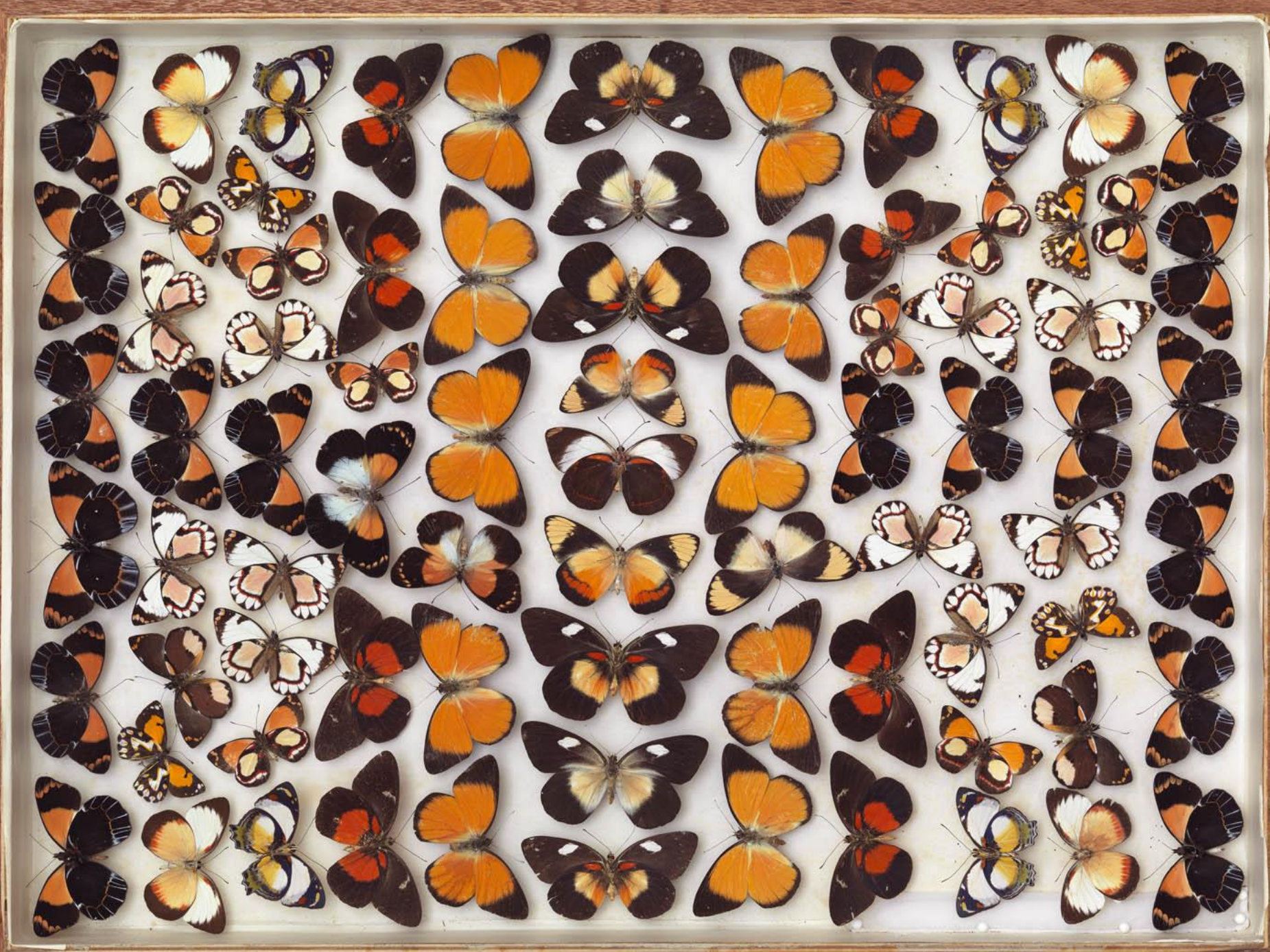


















Hasselblad Drawer Photographs

- Hasselblad H4D-200MS can be used in 50 megapixel or 200 megapixel mode
- Volunteers have photographed 850 drawers



50-megapixel image from Knight collection





Hypochrysops narcissus narcissus
(Fabricius)



Hypochrysops digglesii
(Hewitson)



Hypochrysops theon johnsoni
Brown, Meyer, Weir



Hypochrysops pythias euclides
Miskin



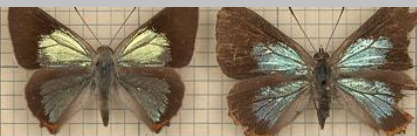
Hypochrysops apelles apelles
(Fabricius)



Hypochrysops ignitus ignitus
(Leach)



Hypochrysops ignitus sp



Hypochrysops delicia delicia
Hewitson



Hypochrysops delicia delos
(Waterhouse and Lyell)



Hypochrysops delicia sp



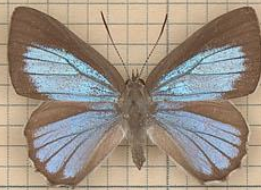
Arhopala micale amytlis
(Hewitson)



Arhopala micale amydon
Waterhouse



(Fabricius)



Hypochrysops digglesii
(Hewitson)



Hypochrysops theon johnsoni
Brown, Meyer, Weir



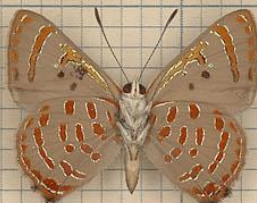
Hypochrysops apelles apelles
(Fabricius)



Hypochrysops ignitus ignitus
(Leach)



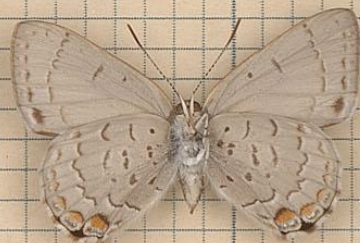
Hewitson



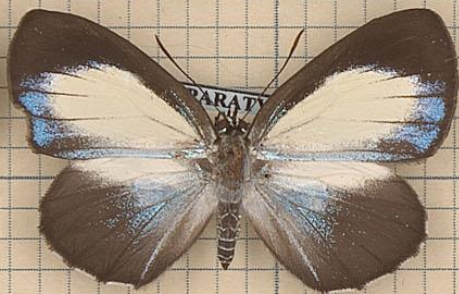
Hypochrysops delicia delos
(Waterhouse and Lyell)



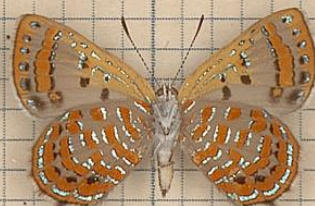
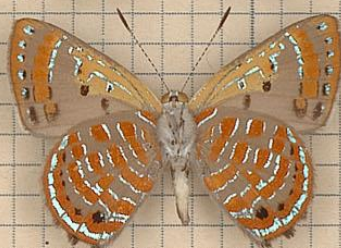
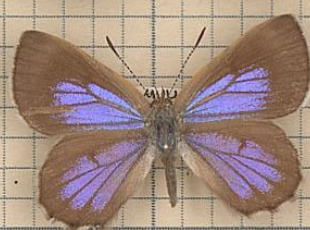
Hypochrysops delicia sp



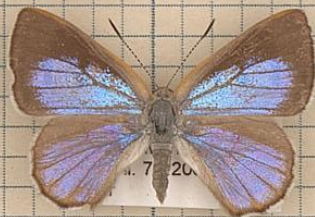
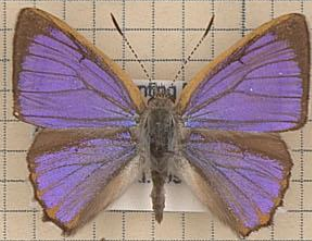
Hypochrysops digglesii
(Hewitson)



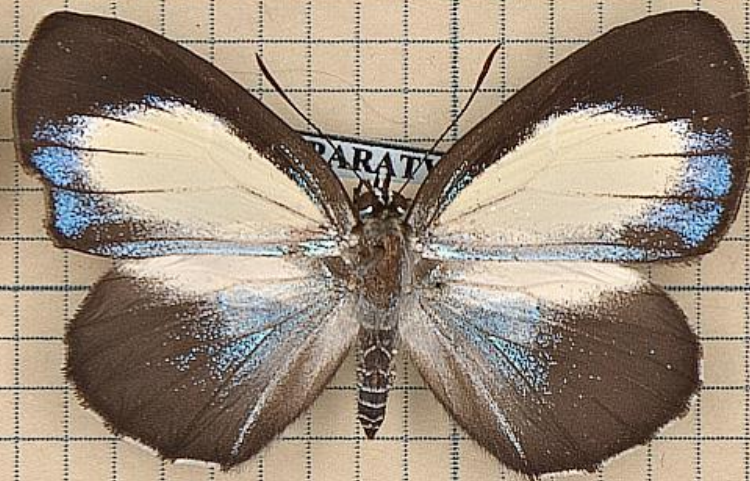
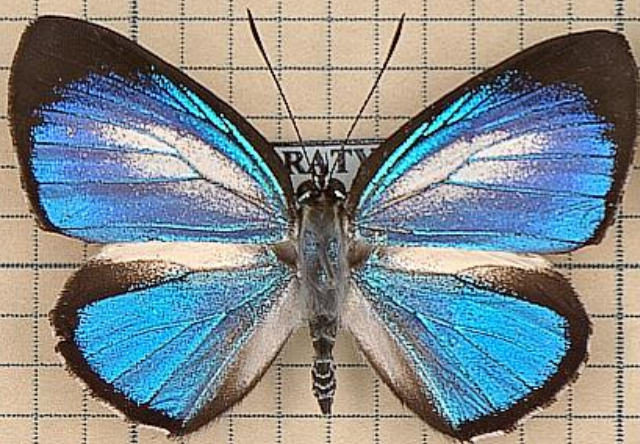
Hypochrysops theon johnsoni
Brown, Meyer, Weir



Hypochrysops ignitus ignitus
(Leach)



(Hewitson)



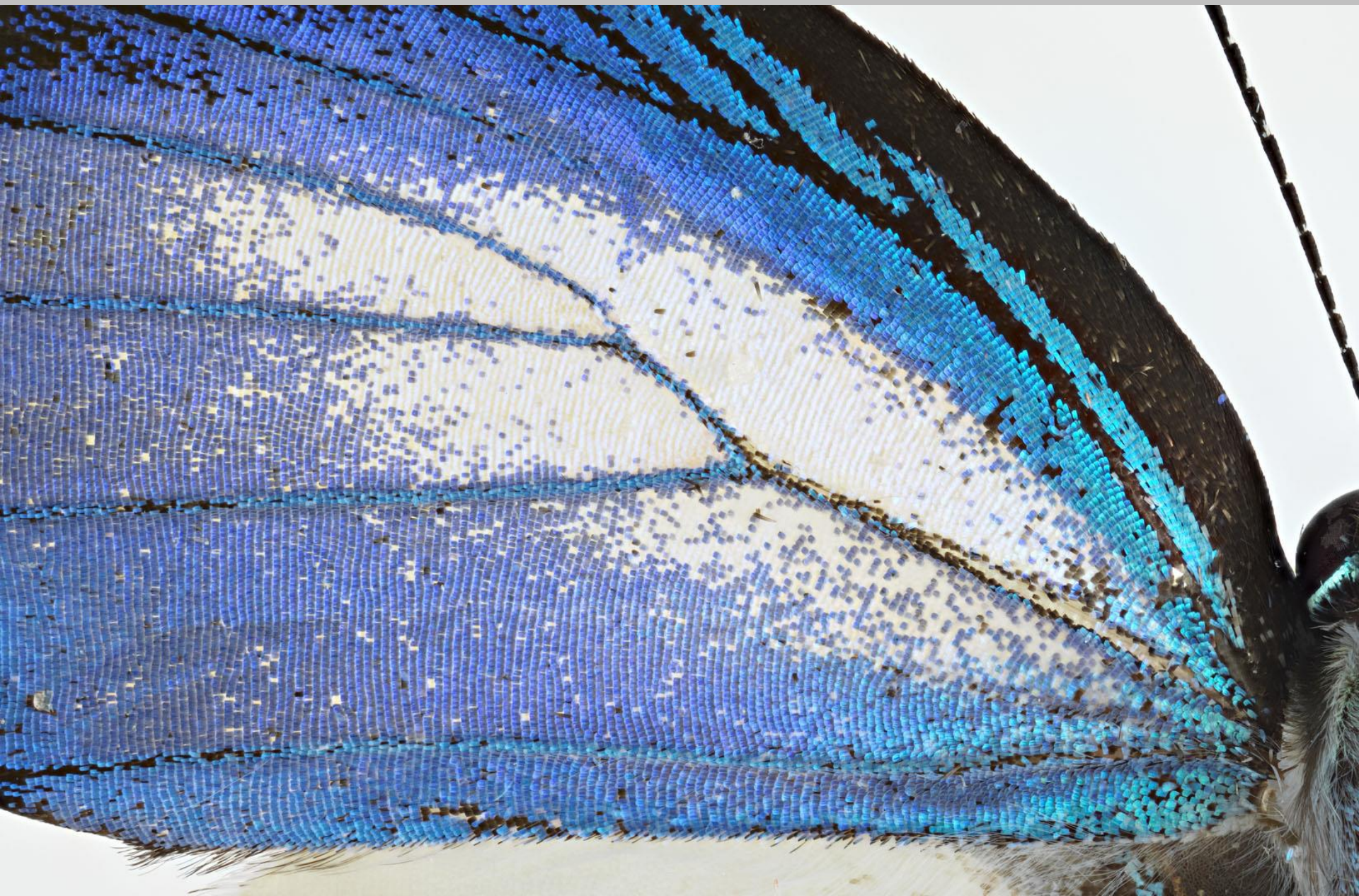
Hypochrysops theon johnsoni
Brown, Meyer, Weir

Paratype of *Hypochrysops theon johnsoni* photographed with the Hasselblad in 200 mp mode on the Visionary Digital BK-plus lab system, cropped and focus stacked from 12 source images with Zerene Stacker

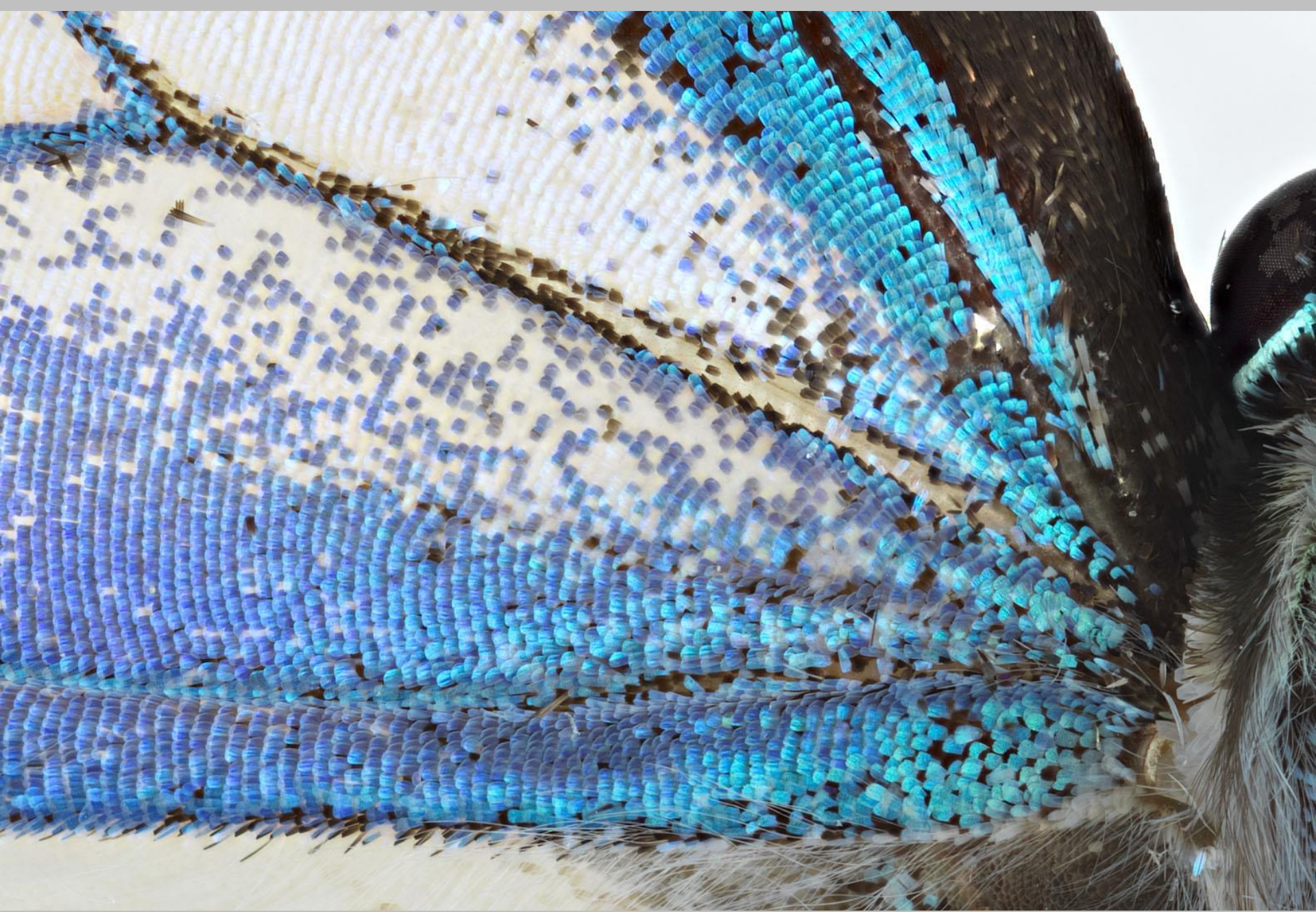






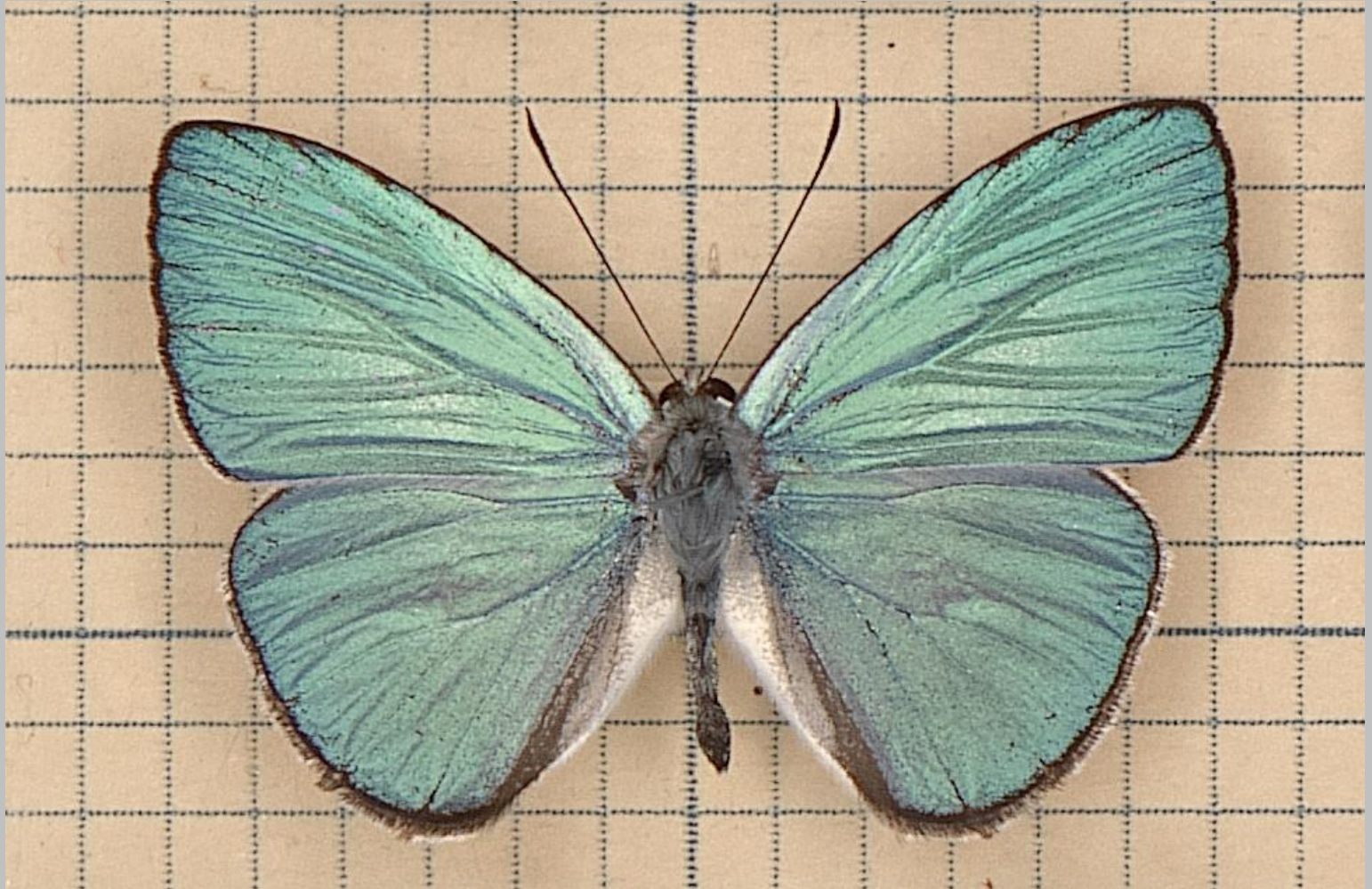








[illegible]



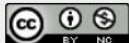
ALA should eventually upload Zoomified tiffs to Morphbank under family names

Image Record: [2079494] Blattodea


Contributor: Nicole Fisher
Submitter: Nicole Fisher
Group: CSIRO - ANIC
Date Submitted: 2012-05-23
Last Modified: 2012-05-23
Publish Date: 2012-05-22
ImageDescription: ANIC, Blattodea drawer - Barcode of Life

Magnification: NULL
Dimension (px): 17003x16426
Resolution (PPI):
Submitted as: tiff
Original File Name: A04_0088_01_01.tiff
Photographer: Fiorella Esquivel

View id: 2079493
Specimen part: Unspecified
Angle: Not specified
Technique: Digital Camera - SATSCAN illuminated cabinet
Preparation: SATSCAN - Whole Drawer

Download: [original \(tiff\)](#) (446.16 MB) [full sized jpeg](#) (24.56 MB) [medium sized jpeg](#) (40.82 KB)
Copyright: CSIRO
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[View the full image](#)



Specimen **Locality**

ANIC now using Flickr



Hasselblad - documenting donations



Drooping
mistletoe
(*Amyema
pendulum*)

Br
31 P
M

Camponotus sp.
attending
Oxyris genoveva

amaryllis
amaryllis
Hewitson



Hypochrysops
digglesii
(Hewitson)



Hypochrysops
narcissus
narcissus





Green tree ants
Oecophylla



Mt. ...
S.E. Queensland
21 May 1995
M. De Baar



Mulgrave R. Old



Ma... na-
Stra... rdon
Tas...
23 Nov 1995
M. & ... Baar



Rennell Is.
Tas...
M. De Baar



Aukane Is.
Torres Strait Old
M. De Baar



Redland Bay
via Brisbane Old
1995



Rose Bay
via Bowen Old
5
M & G DeBaar







Comet moth
Argema mimosae
Wing 150 mm
110 length 130 mm

SATURNIIDAE
Emperor, atlas, moon, comet, hercules moths

Comet moth
Argema mimosae
Wing 200 mm
150 length 130 mm

Argema mimosae
South America

Oreophilus mimosae
MOLANE NW

Argema mimosae
South America

Argema mimosae
South America

Argema mimosae
South America

35 to 55
Lammermoor, N. Qld., W of Ingham
pupae collected 7 - 10 Feb. 2004,
emergence 8 Feb. to 1 Mar. 2004
Barr, M. R. mimosae
pupae mostly Planchon
of also 1 pupa

Syntherisma
Date 1.000, 1.000000 & 1.000000, 2010

Emperor moth
Opodiphthera excolpata
Eastern Australia

Argema mimosae
South America


Argema mimosae
South America

Argema mimosae
South America

Syntherisma excolpata
Cushmore to Brown

Ret. 10 Dec. 2006





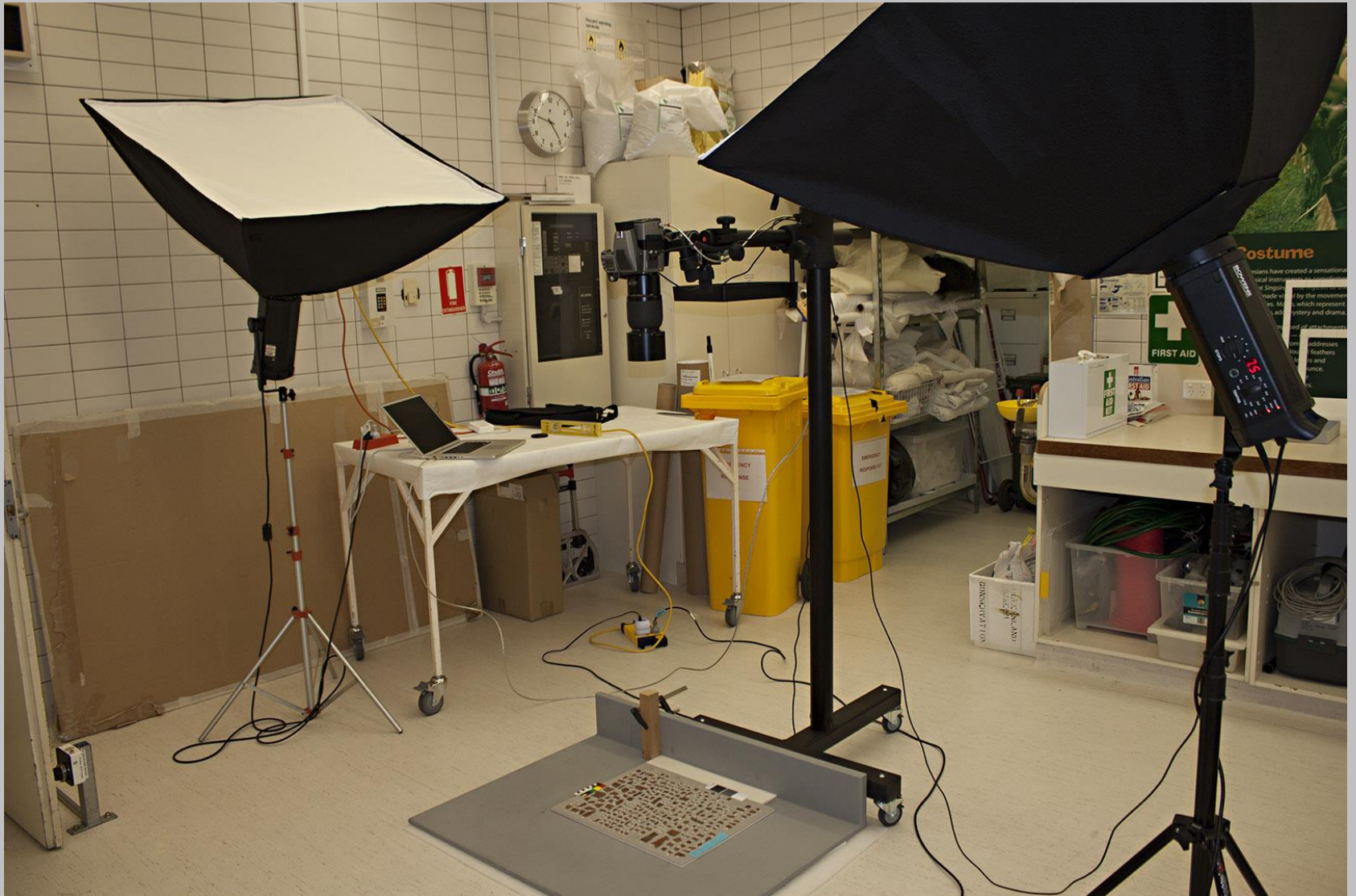
Comet moth
Argema mittrei ♀
WS= 200 mm
HW length= 120 mm

Comet moth
Argema mittrei
WS= 200 mm
HW length=

Photographing 8000 numbered pieces of Ancient Egyptian Book of the Dead



Used Hasselblad in 200 MP mode



Had been stored in Mylar packets

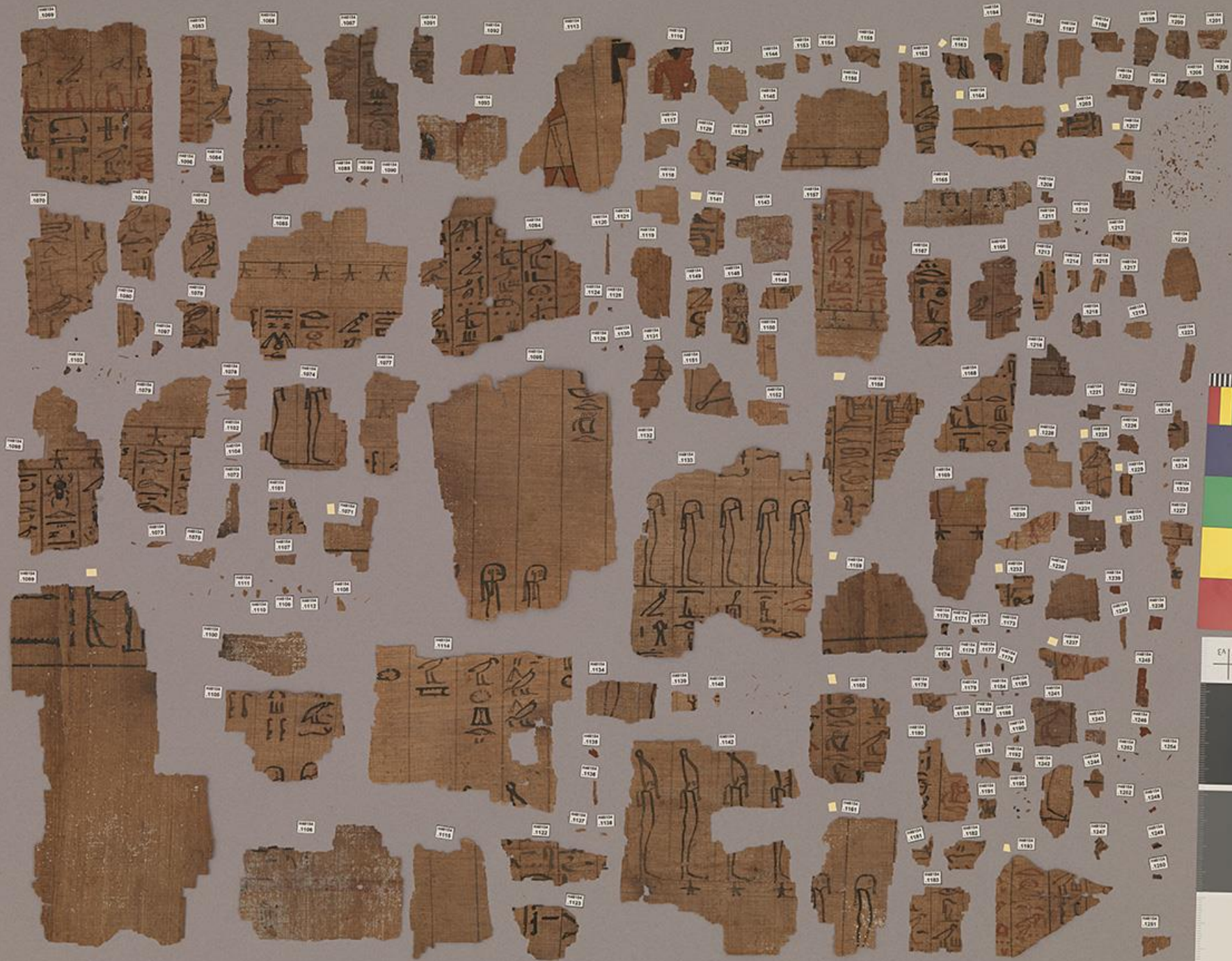


The image shows a large, tilted sheet of paper with a grid of small, numbered labels. The labels are arranged in rows and columns, with numbers ranging from 5090 to 5399. The sheet is placed on a light-colored, textured surface. The labels are small and rectangular, with the number printed in a bold, sans-serif font. The grid is organized into a regular pattern, with labels spaced evenly apart. The numbers increase sequentially from top-left to bottom-right. The sheet is slightly wrinkled and has a few small dark spots. The background is a light-colored, textured surface, possibly a table or floor.

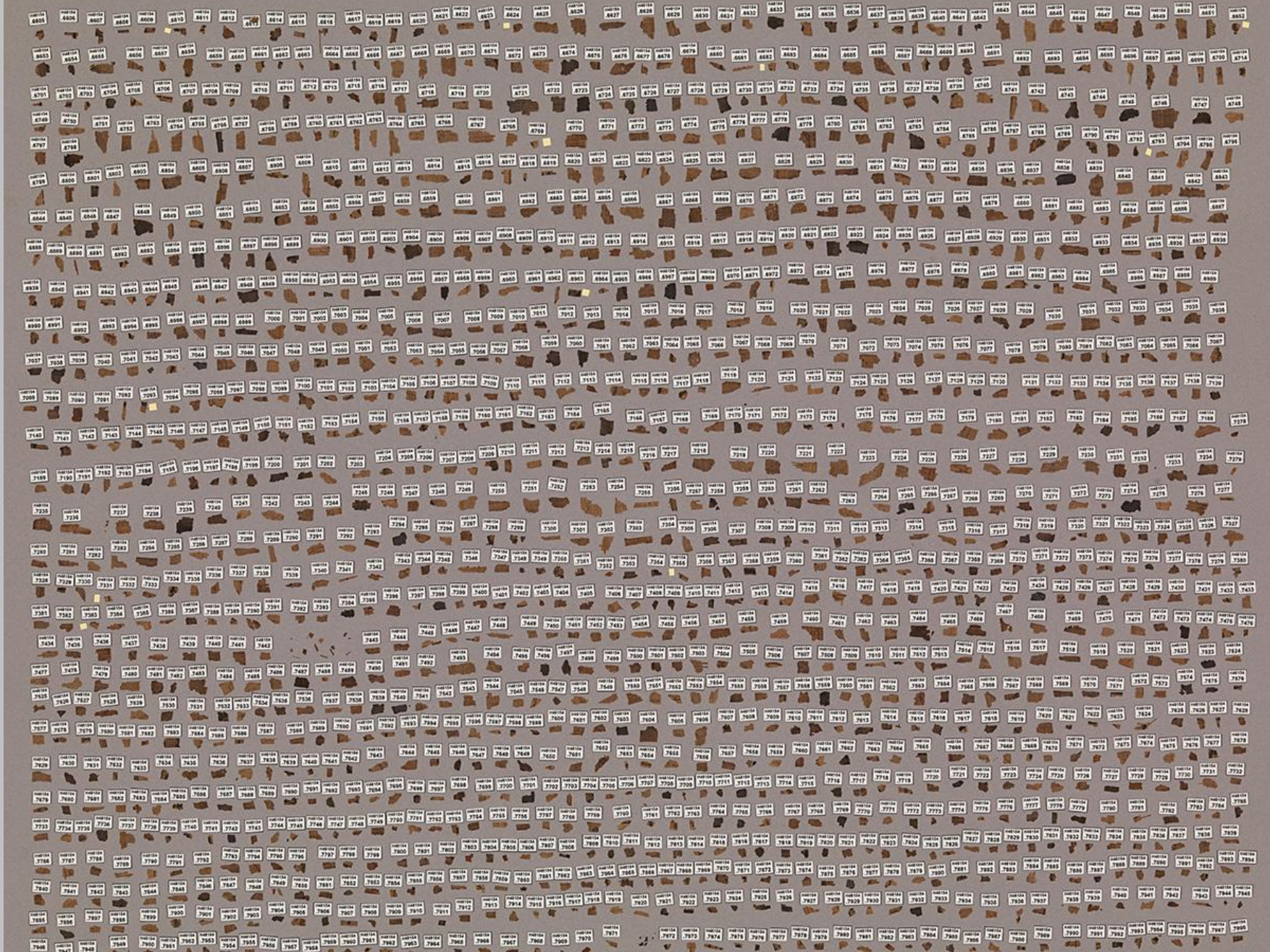


Had to check each piece for double sided images and mark those





OpCARD 101 V3



H48154
.0030

H48154
.1091

H48154
.1092

H48154
.1113

H48154
.1116

H48154
.1093

H48154
.1117

H48154
.1118

H48154
.1116



H48154
.1093



H48154
.1116

MESOVELIIDAE

Mesovelia vittigera

Hornsholm, 1905

Mniocvelia kuscheli
Anderson & Polhemus, 1980*Phrynovelia caledonica*
Malipatil & Monteith, 1983*Austrovelia queenslandica*
Malipatil & Monteith, 1983*Austrovelia queenslandica*
Malipatil & Monteith, 1983*Austrovelia queenslandica*
Malipatil & Monteith, 1983*Austrovelia queenslandica*
Malipatil & Monteith, 1983*Austrovelia queenslandica*
Malipatil & Monteith, 1983*Austrovelia queenslandica*
Malipatil & Monteith, 1983*Austrovelia caledonica*
Malipatil & Monteith, 1983*Cavaticovelia aaa*
Gagné & Howarth, 1975

HEBRIDAE

Mesovelia horvathi
Lansbury, 1990*Hebrus axillaris*
Horváth, 1902*Hebrus monteithii*
Lansbury, 1990*Mesovelia hungerfordi*
Hale, 1926*Mesovelia hungerfordi*
Hale, 1926*Mesovelia stysi*
Polhemus & Polhemus, 2000*Mesovelia vittigera*
Horváth, 1895*Hebrus axillaris*
Horváth, 1902*Hebrus nourlangiei*
Lansbury, 1990*Hebrus monteithii*
Lansbury, 1990*Hebrus monteithii*
Lansbury, 1990

QUEENSLAND (NEO)
Mt Sorrow
Tribulation
G.B. Monteith



Q.M.BERLESATE No.262
16 Dec 1980
QUEENSLAND (NEO)
Mt Sorrow
Tribulation
G.B. Monteith



QUEENSLAND (NEO)
Mt Sorrow
Tribulation
G.B. Monteith



QUEENSLAND
Mt Sorrow
Tribulation
G.B. Monteith



QUEENSLAND (NEO)
Mt Sorrow
Tribulation, 15 Oct 1980
G.B. Monteith

Sieved litter

Q.M.BERLESATE No.262
QUEENSLAND (NEO)
Mt Sorrow
Tribulation
G.B. Monteith



Q.M.BERLESATE No.262
QUEENSLAND
Mt Sorrow
Tribulation
G.B. Monteith



QUEENSLAND (NEO)
Mt Sorrow
Tribulation
G.B. Monteith

Q.M.BERLESATE No.262
QUEENSLAND (NEO)
Mt Sorrow
Tribulation
G.B. Monteith



QUEENSLAND (NEO)
Mt Sorrow
Tribulation
G.B. Monteith



ME
Ca
Ca
Mc

QUEENSLAND (NEO)
Mt Sorrow
Tribul
G.B. Monteith

1783



Cystosoma schmeltzi
Distant, 1882



Old 25. 1038°E
Carnary offett sect.,
Land (12)
1950-12-12
Lambkin, Flight Net
on flower & Starck.
19496

DATABASED
SPECIMENS

Hemicordulia toax

