



AntWeb: Building the online Global Ant Museum

Moving taxonomic knowledge out of the hands of select Northern Hemisphere museums into the hands of a new generation of global ant researchers

Brian Fisher, California Academy of Sciences





Alex Wild



Alex Wild



Audubon Birds

\$14.99

App Store



iBird Explorer Pro

\$29.99

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National Geographic's Handheld Birds

\$9.99

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Peterson Birds of North America

\$29.99

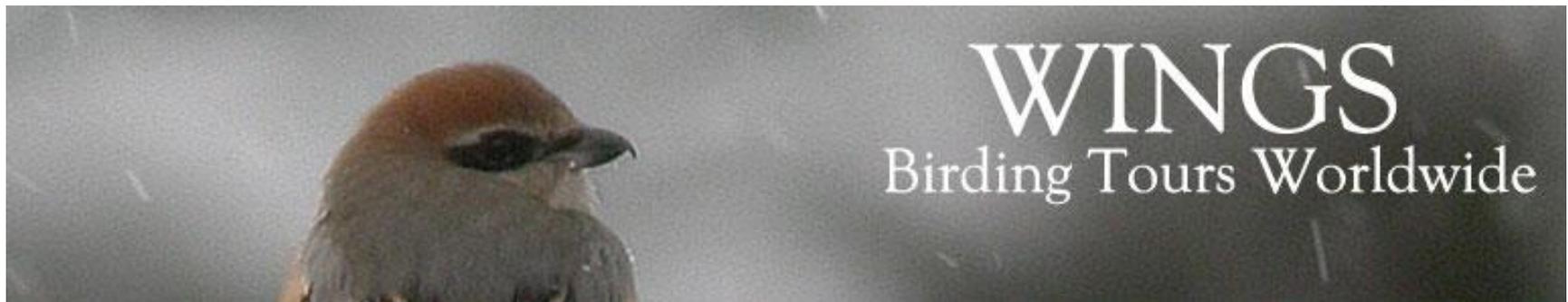
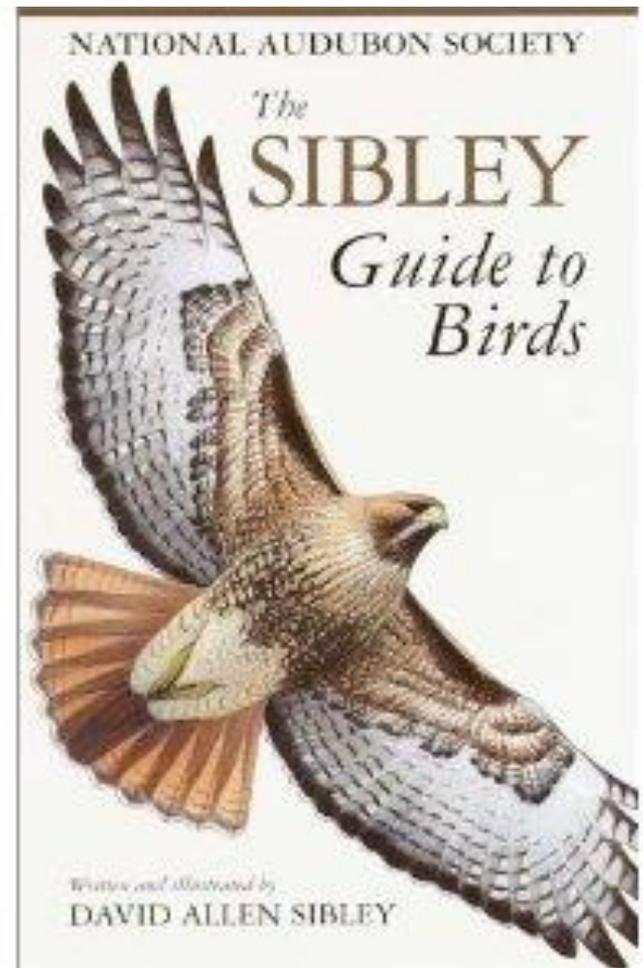
App Store

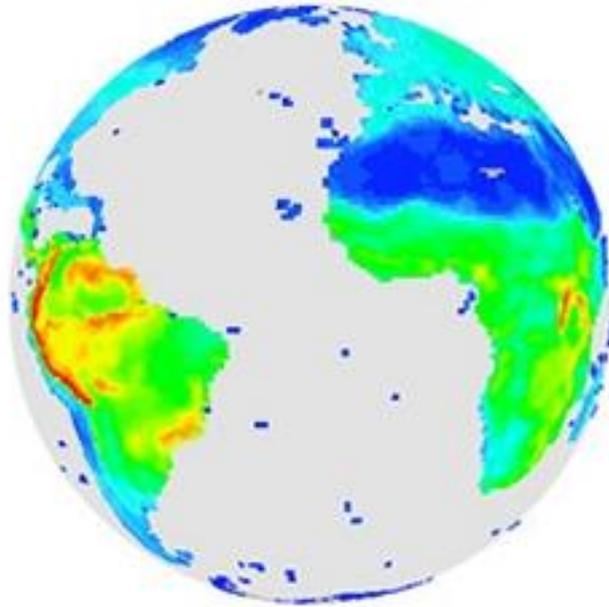


The Sibley eGuide to the Birds of North America

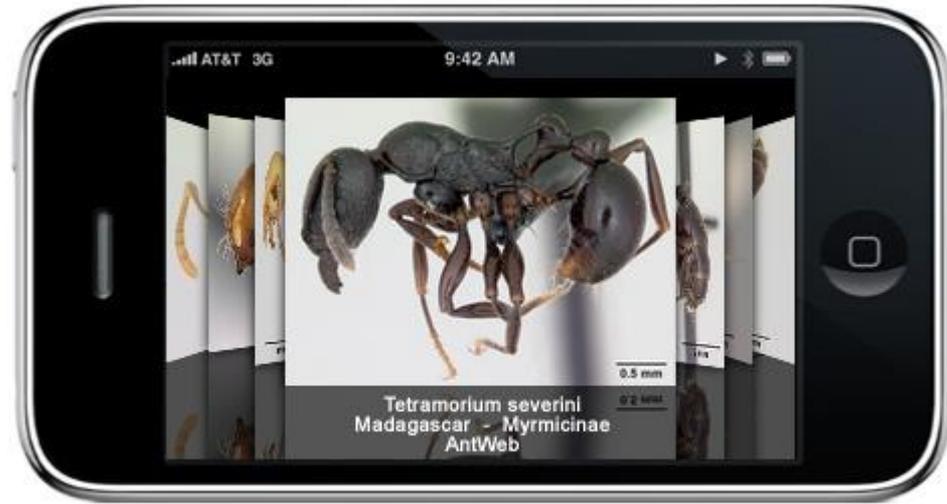
\$29.99

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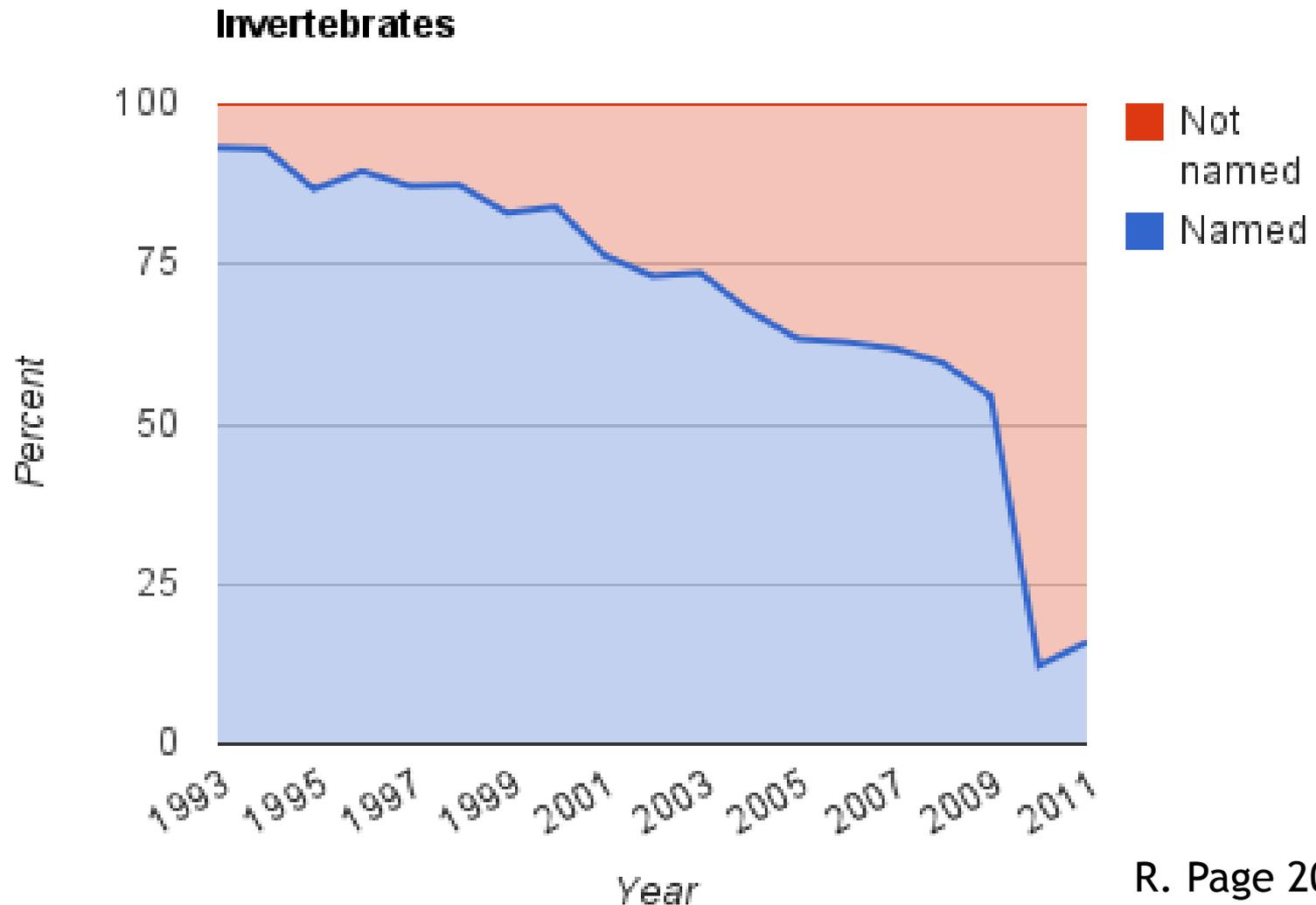




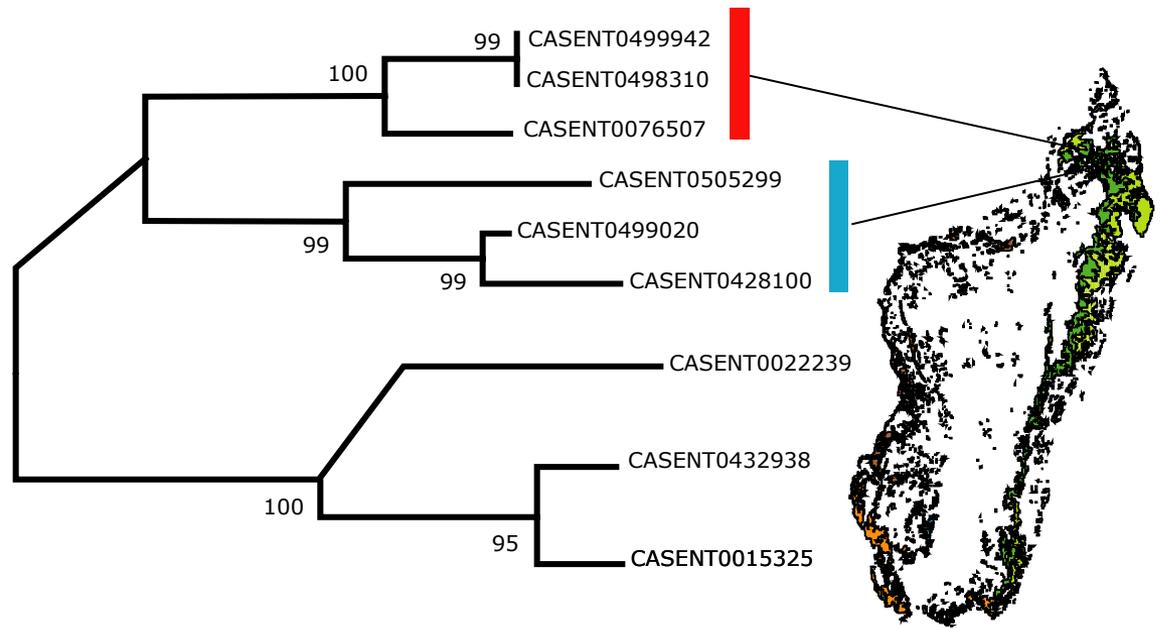
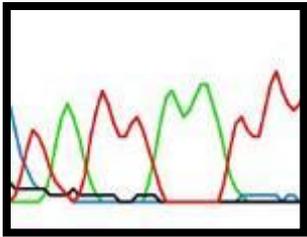
Global Bird Diversity



tidal wave of unnamed taxa



biodiversity is now indexed via DNA sequences and GPS coordinates



HISTOIRE
PHYSIQUE, NATURELLE ET POLITIQUE
DE
MADAGASCAR

PUBLIÉE
PAR ALFRED GRANDIDIER.

VOLUME XX.
HISTOIRE NATURELLE DES HYMÉNOPTÈRES.

DEUXIÈME PARTIE :
LES FORMICIDES,
PAR A. FOREL,
PROFESSEUR À L'UNIVERSITÉ DE ZURICH.



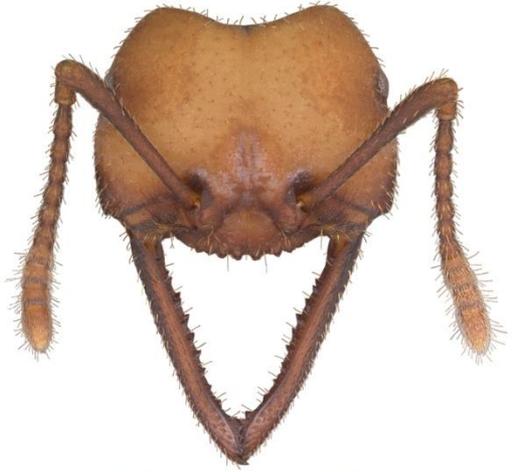
PARIS.

IMPRIMÉ, PAR AUTORISATION DE M. LE GARDE DES SCEAUX,
À L'IMPRIMERIE NATIONALE.

M DCCC XCI.

90% of taxonomic products

never used



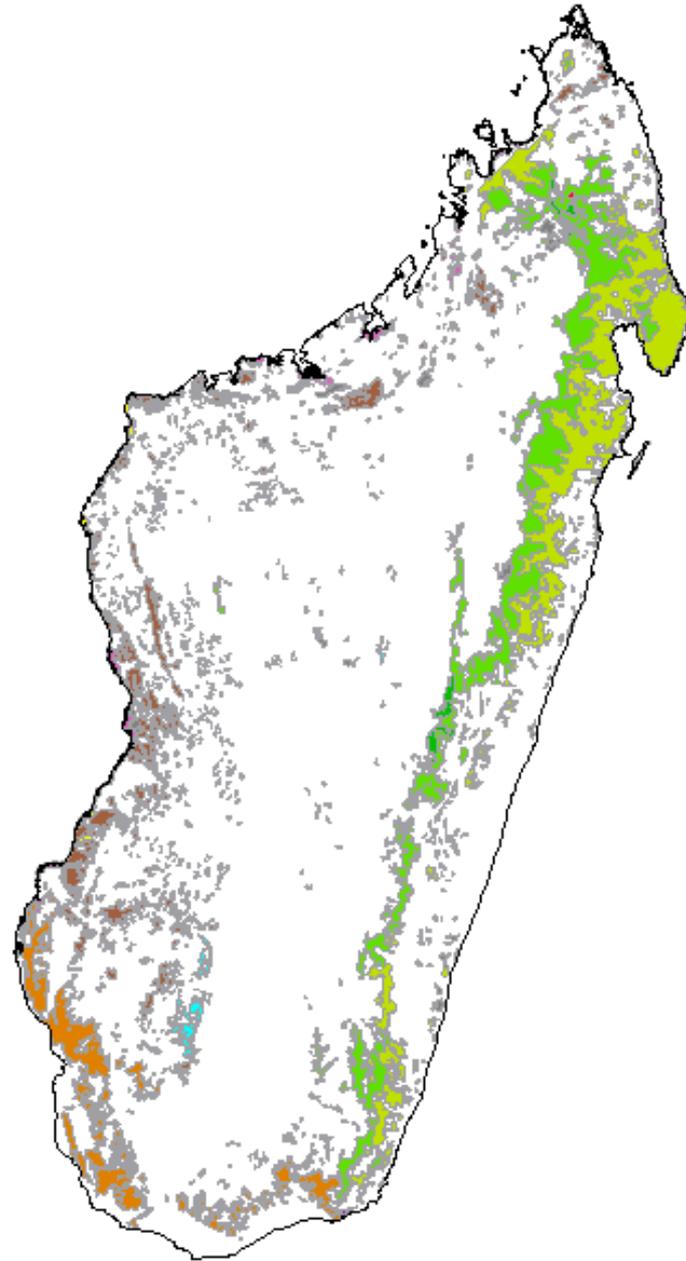
**Museum: warehouse of dead
creatures**

Not a portal on life



Original Habitats:
10% remain

Using taxonomic
data, the
government will
triple protected
habitat in 5
years



Lots of undescribed species

Fewer taxonomists

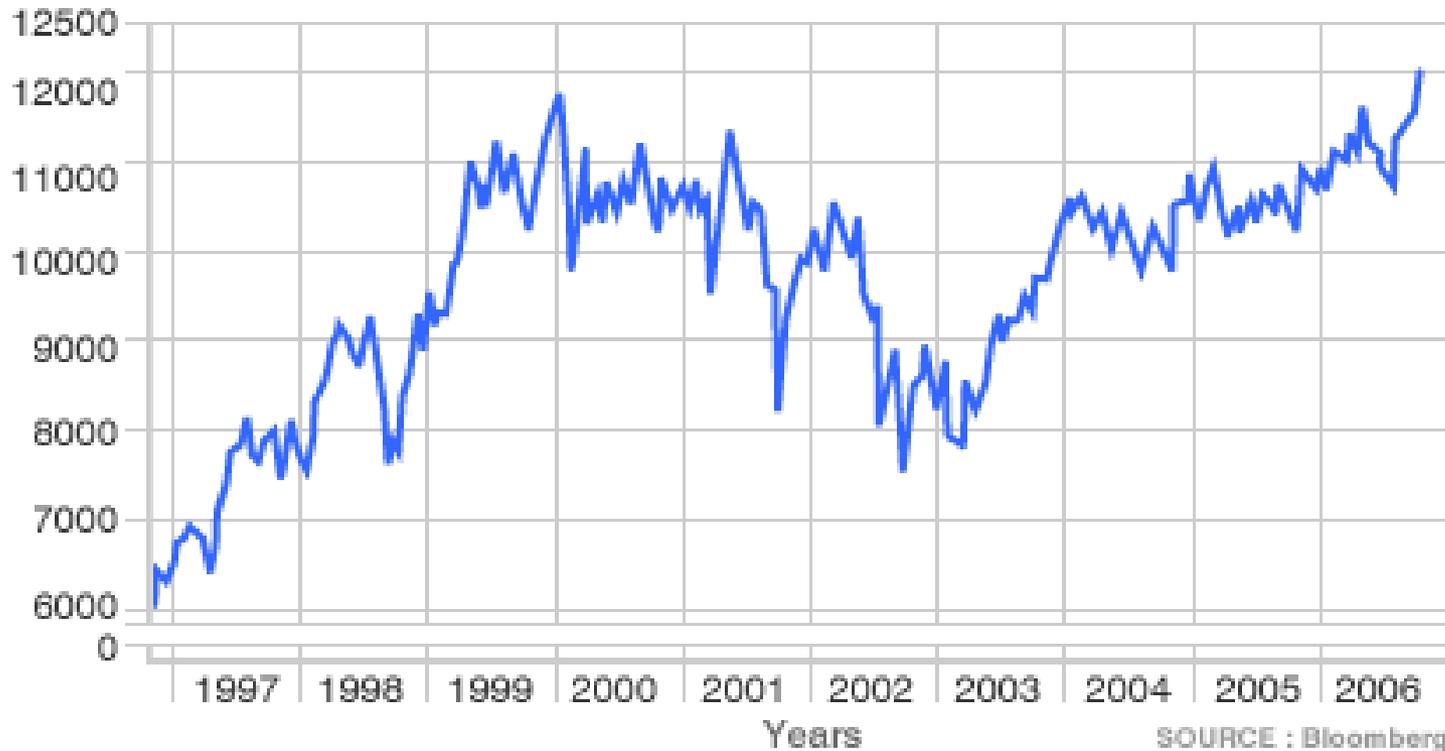
"suicidal" experiment





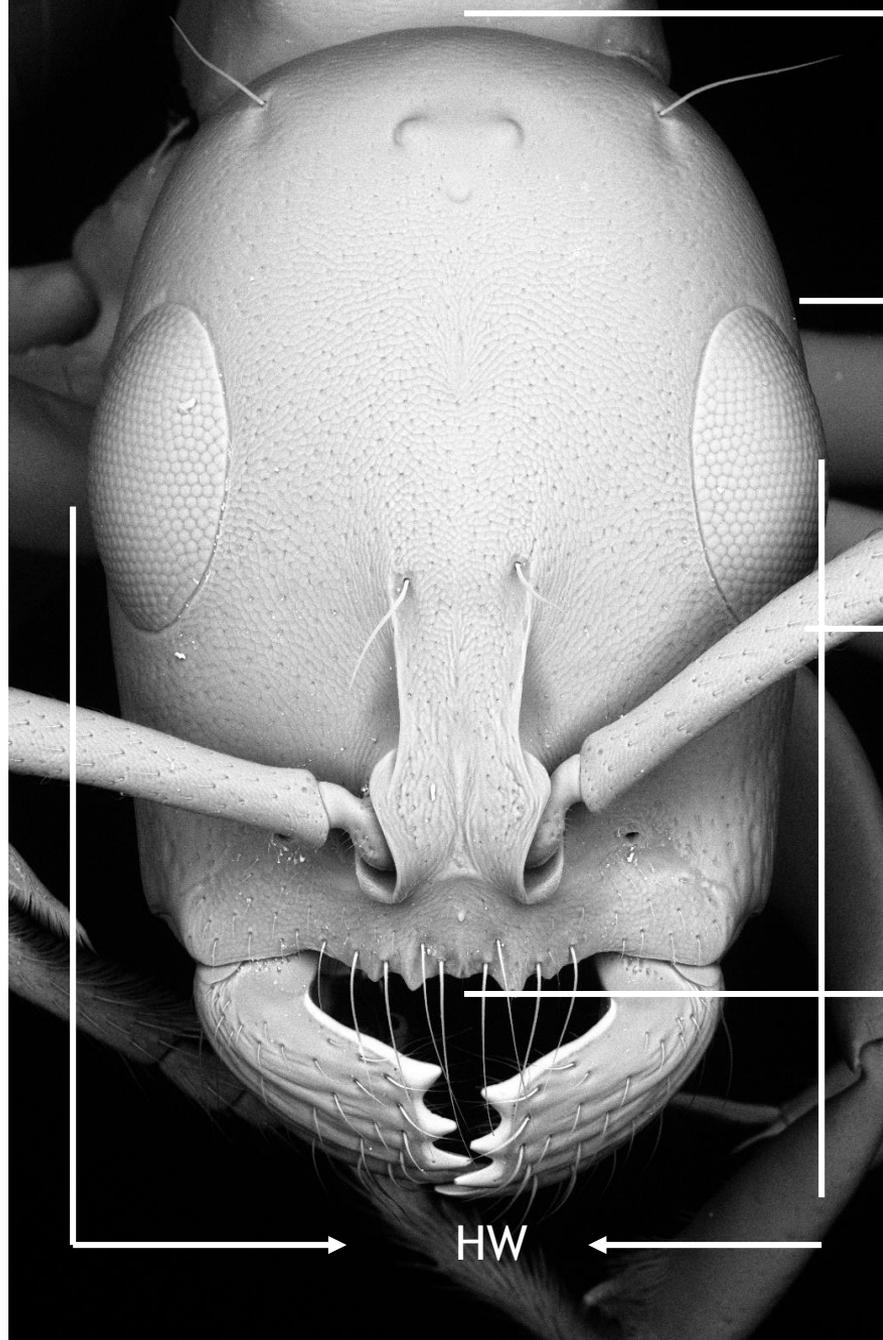
Dow Jones index to the environment

A DECADE OF THE DOW JONES





worker head measurement





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Ants of the World

AntWeb is the world's largest online database of images, specimen records, and natural history information on ants. It is community driven and open to contribution from anyone with specimen records, natural history comments, or images.

Our mission is to publish for the scientific community high quality images of all the world's ant species. As of March 2013, AntWeb has over 100,000 ant images, of 24,994 specimens representing over 10,549 species. AntWeb provides tools for submitting images, specimen records, annotating species pages, and managing regional species lists. [More...](#)



Acanthognathus

 Head
 Profile
 Dorsal
 Label


FULLSCREEN SLIDESHOW »

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Phil Ward
University of California, Davis



Lloyd Davis
Florida Ant Mafia



James Trager
Missouri Botanical Garden



Jack Longino
University of Utah

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JTLC000007293: [Stenamma megamanni](#)
 CASENT0622853: [Stenamma megamanni](#)
 CASENT0622851: [Stenamma megamanni](#)
 CASENT0606734: [Stenamma megamanni](#)
 CASENT0606731: [Stenamma megamanni](#)
 CASENT0621836: [Stenamma megamanni](#)
 CASENT0603933: [Stenamma megamanni](#)

Get Involved!

Enroll in Ant Course

Ant Course is a workshop designed primarily for systematists, ecologists, behaviorists, conservation biologists, and other biologists whose research responsibilities require a greater understanding of ant taxonomy and field research techniques. Emphasis is on the evolution, classification and identification of ant

Meet the rest of the team!

Many curators already contribute to AntWeb - would you like to join us? Curators can edit the home page of the geographic section they curate, upload specimen data



Stigmatomma ferrugineum

Amblyopone ferruginea Smith, 1858a: 110 (w.) AUSTRALIA. [ANTWEB](#) [ANTWIKI](#)

André, 1896d: 261 (q.). Combination in *Stigmatomma*: Yoshimura & Fisher, 2012: 19. Senior synonym of *Stigmatomma mandibularis*: Brown, 1952i: 265. See also: Brown, 1960a: 206.

Subfamilies <small>show unavailable show tribes</small>	Genera <small>show subgenera</small>	Species
(no subfamily)	<i>Adetomyrma</i>	<i>agostii</i> ferrugineum <i>orizabanum</i>
Aenictinae	<i>Amblyopone</i>	<i>amblyops</i> <i>fulvidum</i> <i>pallipes</i>
Aenictogitoninae	<i>Amblyopopona</i>	<i>annae</i> <i>gaetulicum</i> <i>papuanum</i>
Agroecomyrmecinae	<i>Amblyopopone</i>	<i>arizonense</i> <i>gheorghieffi</i> <i>paranense</i>
Amblyoponinae	<i>Apomyrma</i>	<i>armigerum</i> <i>gingivale</i> <i>pertinax</i>
Aneuretinae	<i>Arotropus</i>	<i>barretoii</i> <i>glauerti</i> <i>pluto</i>
†Armaniinae	<i>Bannapone</i>	<i>bellii</i> <i>gnoma</i> <i>punctulatum</i>
†Brownimeciinae	† <i>Casaleia</i>	<i>besucheti</i> <i>gracile</i> <i>quadratum</i>
Cerapachyinae	<i>Concoctio</i>	<i>bierigi</i> <i>gracilicornis</i> <i>reclinatum</i>
Dolichoderinae	<i>Ericapelta</i>	<i>binodosus</i> † <i>groehni</i> <i>rothneyi</i>
Dorylinae	<i>Examblyopone</i>	<i>boltoni</i> <i>heraldoi</i> <i>rubiginoum</i>
Ecitoninae	<i>Fulakora</i>	<i>bruni</i> <i>impressifrons</i> <i>sakaii</i>
Ectatomminae	<i>Lithomyrmex</i>	<i>caliginosum</i> <i>juergi</i> <i>santschii</i>
†Formiciniinae	<i>Myopopone</i>	<i>celata</i> <i>lucidum</i> <i>saundersi</i>
Formicinae	<i>Mystrium</i>	<i>chilense</i> <i>lurilabes</i> <i>serratum</i>
		<i>cleae</i> <i>luzonicum</i> <i>silvestrii</i>
		<i>crenatum</i> <i>mandibularis</i> <i>smithi</i>

†fossil valid synonym subspecies unidentifiable/excluded unavailable/nomen nudum homonym View full key

AntWeb content

- 354,261 specimens records
- 11,394 species imaged
- 25,464 specimens imaged
- 107,038 total specimen images



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Go » [Advanced Search](#)Malagasy: [Madagascar](#) > [Formicidae](#) > [Ponerinae](#) > [Anochetus](#) > [Anochetus madagascarensis](#) ☺See all [Anochetus madagascarensis](#) in [All Antweb](#) or [Bolton World Catalog](#)or in

Species: [Anochetus madagascarensis](#)

Name Status: ✔

Taxonomic Hierarchy:

Subfamily: [Ponerinae](#) Genus: [Anochetus](#)[Enlarge Map](#)

TOOLS:

View:

- [Browse](#) ☺ Specimens for this species (904 examples)
- No Map Specimens within this species (too many - 904)
- [View Anochetus madagascarensis](#) in Google Earth

Comparison Tool:

- [Compare images](#) of the Specimens within this species

Catalog:

- See [Hymenoptera Name Server](#)

Download:

Specimen Data:

- [KML](#)
- [Tab-delimited](#)

Taxonomic History (provided by Barry Bolton, 2013)

Anochetus africanus var. *madagascarensis* [Forel, 1887 PDF](#): 382 (w.) MADAGASCAR. [AntCat](#) [AntWiki](#)

Taxonomic history

[Fisher & Smith, 2008 PDF](#): 12 (q.m.).Raised to species and senior synonym of *Anochetus friederichsi*: [Brown, 1978c](#): 557.

Distribution:

Inner Seychelles: Mahé. Endemic to the Malagasy Subregion. Recorded from the Comoros (Grande Comore, Anjouan) and Madagascar.

Taxon Page Author History

Specimen Data Summary

Found most commonly in these habitats: 182 times found in rainforest, 81 times found in tropical dry forest, 51 times found in littoral rainforest, 22 times found in gallery forest, 20 times found in spiny forest, 9 times found in littoral forest, 7 times found in Disturbed montane rainforest, 9 times found in lowland forest, 4 times found in coastal scrub, 9 times found in Lowland rainforest, ...

Collected most commonly using these methods or in the following microhabitats: 88 times malaise trap, 19 times MW 50 sample transect, 5m, 10 times 9 MaxiWinks, mixed samples, 29 times Malaise, 8 times MW 25 sample transect, 5m, 5 times winkler trap, 7 times GC, 5 times 4 Malaise traps, 4 times pitfall trap, 1 times 7 MaxiWinks, 5 times pitfall trap, PF 50 traps, 11 cm dbh with water, soap, formalin, nonlinear placement, ...

Elevations: collected from 1 - 1550 meters, 274 meters average

33 Specimens Imaged | [View All 904 Specimens for this species](#)



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Malagasy: [Madagascar](#) > [Formicidae](#) > [Ponerinae](#) > [Anochetus](#) > [Anochetus madagascarensis](#)

See all [Anochetus madagascarensis](#) in [All Antweb](#) or [Bolton World Catalog](#)

or in

Specimen: CASENT0104544

Species: [Anochetus madagascarensis](#)

Name Status:

Locality Information:

Locality: [Madagascar](#): [Antsiranana](#): [Forêt de Binara, 7.5 km 230° SW Daraina](#)

Latitude: -13.255

Elevation: 375 m

Longitude: 49.6167

Elevation max error:

Lat. lon. max error:

Locality notes: coordinates obtained from GPS

Collection Information:

Collection code: [BLF09557](#)

Date collected: 1 Dec 2003

Collected by: [B.L. Fisher](#)

Date collected end:

Habitat: [tropical dry forest](#)

Method: 4 Malaise traps

Microhabitat:

Collection notes: 1-7 Dec 03

Specimen Information:

Life stage: 1m

Type status:

Located at: [CASC](#)

Medium: pin

Owned by: [CASC](#)

DNA notes:

Determined by:

Date determined: 9 Mar 2004

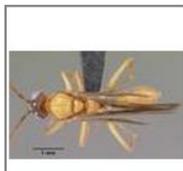
Specimen notes:



[Enlarge Map](#)

Specimen data uploaded by California Academy of Sciences | [See something amiss? Send us an email.](#)

Specimen Image:



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Global: [All Antweb](#) > [Formicidae](#) > [Myrmicinae](#) > [Acanthognathus](#) ↕

AntWeb Participation

How to Participate

Images

- [Field Museum imaging manual](#) using LAS 4.2. 1 March 2013
- [How we Image ants](#) using LAS 3.8 Leica software DFC450 camera (PDF) 20 Dec 2011
- [How to image: taking lateral shots using LAS 3.8](#) (video) 6 Jan 2012
- [Positioning for better Automontage images using LAS 3.8](#) (video) 15 Feb 2012
- [How to Image Labels](#) (video) 3 May 2012
- [A new tool for imaging, the Ant Spinner](#) (youtube video link) 20 Dec 2011
- [How to Automontage](#) using the JVC camera and stand alone Automonage (PDF) 11/06/2010
- [How to Photoshop images before uploading](#) (PDF) 16/04/2010
- [How to upload images](#) (PDF) 04/05/2010
- [How to use the Image Picker Tool](#) (PDF) 26/03/2010

Specimens

- [Overview of specimen data](#) capture and submission (PDF) 2012-02-20
- [Specimen template example](#) and instructions (XLS) 2012-02-26

How to Develop a Regional Species List

- [How to develop and update region/project](#) species list and home page (PDF) 2012-02-20
- [Species list example](#) (XLS) 2012-02-20

Editing Natural History on Taxon Pages

Ancillary Web Pages

Results for the species *Anochetus madagascariensis* Forel:

Classified in: Vespoidea: Formicidae: Ponerinae: Ponerini: Anochetus

Status of name: Valid, Subsequent name/combination

Date of description: 1887

Described by: Forel, page(s) 382

Citation of original description:

- o [Forel, A.](#) 1887. Fourmis récoltées à Madagascar, par le Dr. Conrad Keller. *Mitt. Schweiz. Entomol. Ges.* 7: 381-389. [View](#) or download [entire file \(414k\)](#) 

Synonyms of valid name:

- o *Anochetus africanus* var. *friederichi* Forel

The valid name and its synonyms have been cited as:

- o *Anochetus africanus* var. *friederichi* Forel
- o *Anochetus africanus* var. *madagascariensis* Forel
- o *Anochetus africanus* var. *madagascariensis* Forel
- o *Anochetus madagascariensis* Forel
- o *Anochetus madagascariensis* Forel

Base reference(s) for the family Formicidae:

- o [Bolton 1995](#)

[Additional information](#)



v. madagascariensis
Forel

A. africanus
Mayr
v. madagascariensis
Forel
F. Zondrio
p. Tamatavé
(Madagascar)

Coll. Forel.

Typus

CASENT
0101574
ANTWEB

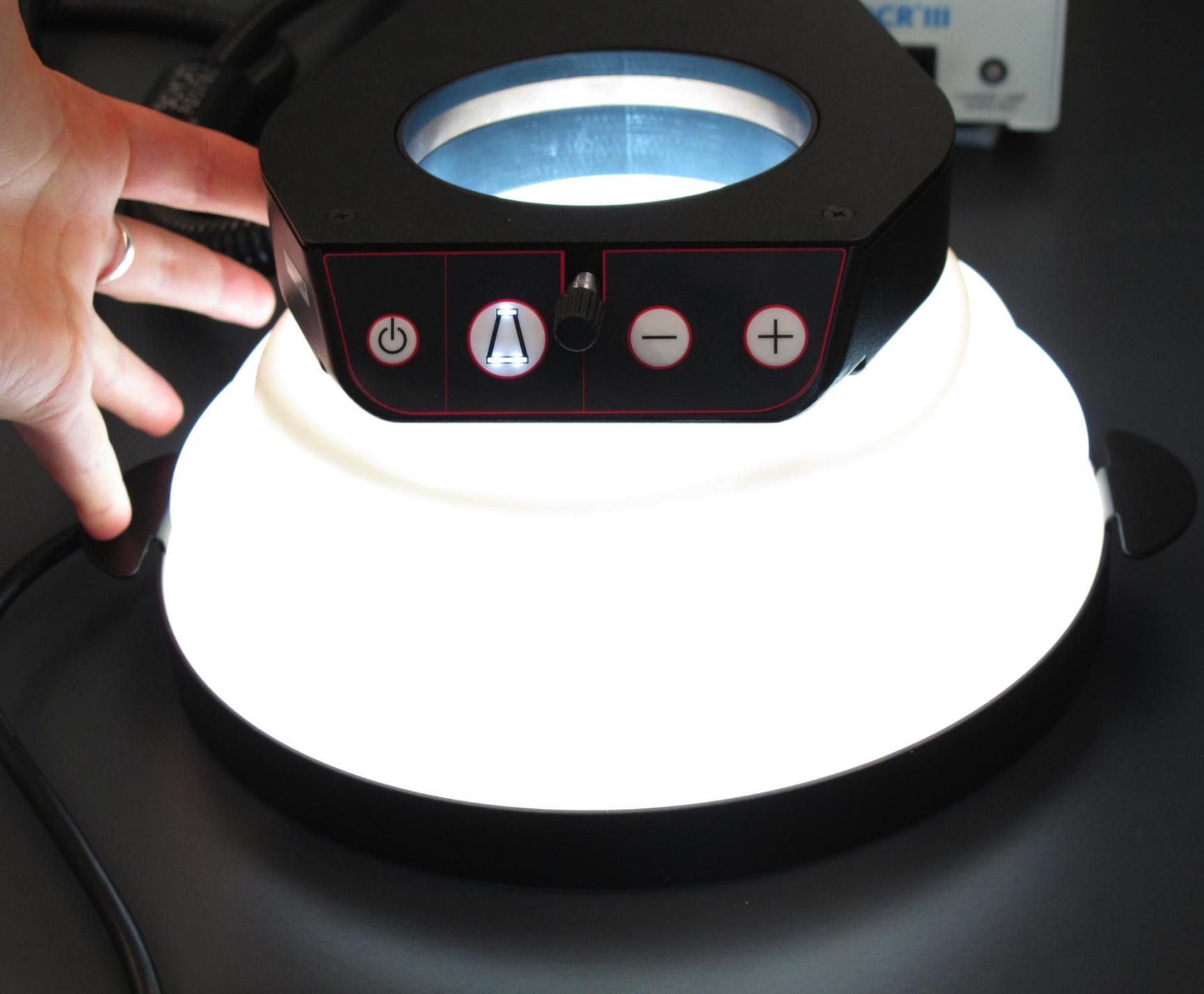
A. africanus Mayr

= *Stenomymex africanus* Mayr.

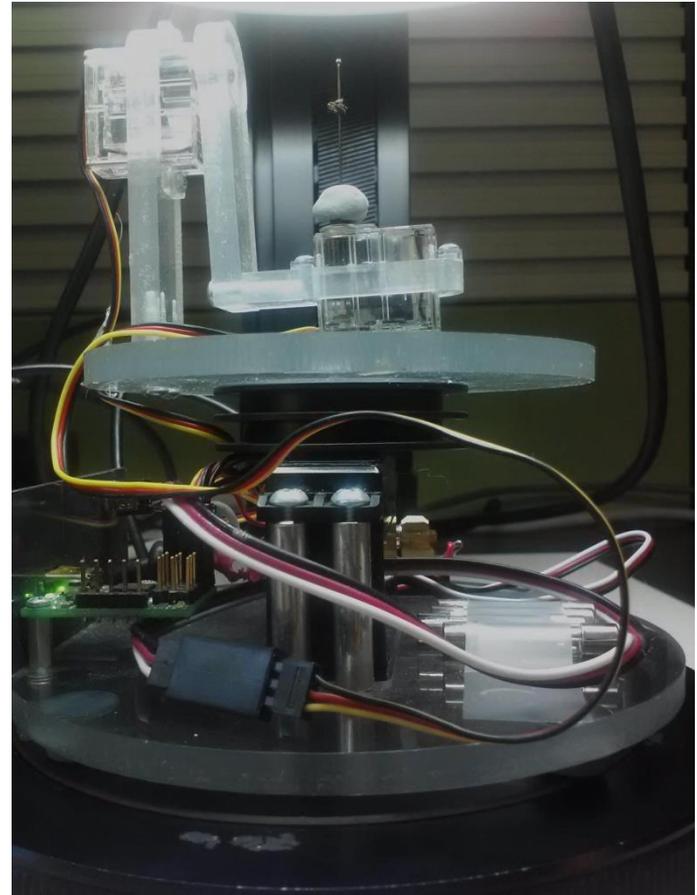
Var. *madagascariensis* n. var. ♂ L. 6 à 6,5 mill. Entièrement d'un rouge jaunâtre, ou bien rougeâtre avec l'abdomen et le thorax en partie brunâtres. Le bord interne des mandibules est absolument linéaire, sans trace de dentelures. Il se termine avant l'extrémité par un coin très marqué, coupé à angle droit, encore plus marqué que chez l'*A. Sedilloti* Emery. Pronotum lisse et luisant, parfois avec quelques rides. Mesonotum ridé transversalement. Metanotum finement réticulé et assez mat. Ecaille mutique, faiblement échancrée au sommet. Du reste comme la forme typique.

Nossi-bé et environs de Tamatavé (Dr. Conrad Keller).

Cette espèce a la faculté de sauter (Dr. Keller), faculté qui paraît donc être propre à tous les *Odontomachides*.

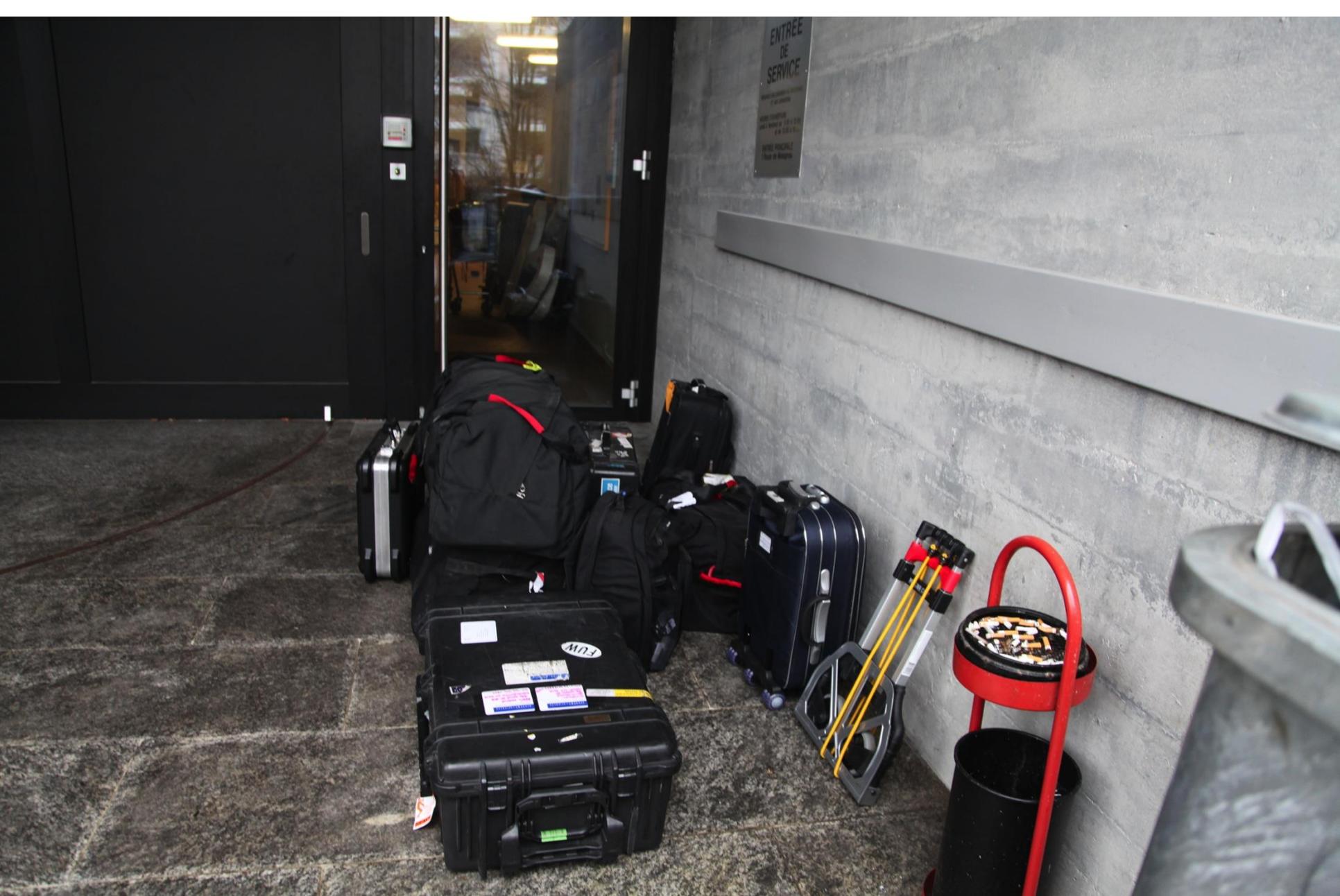












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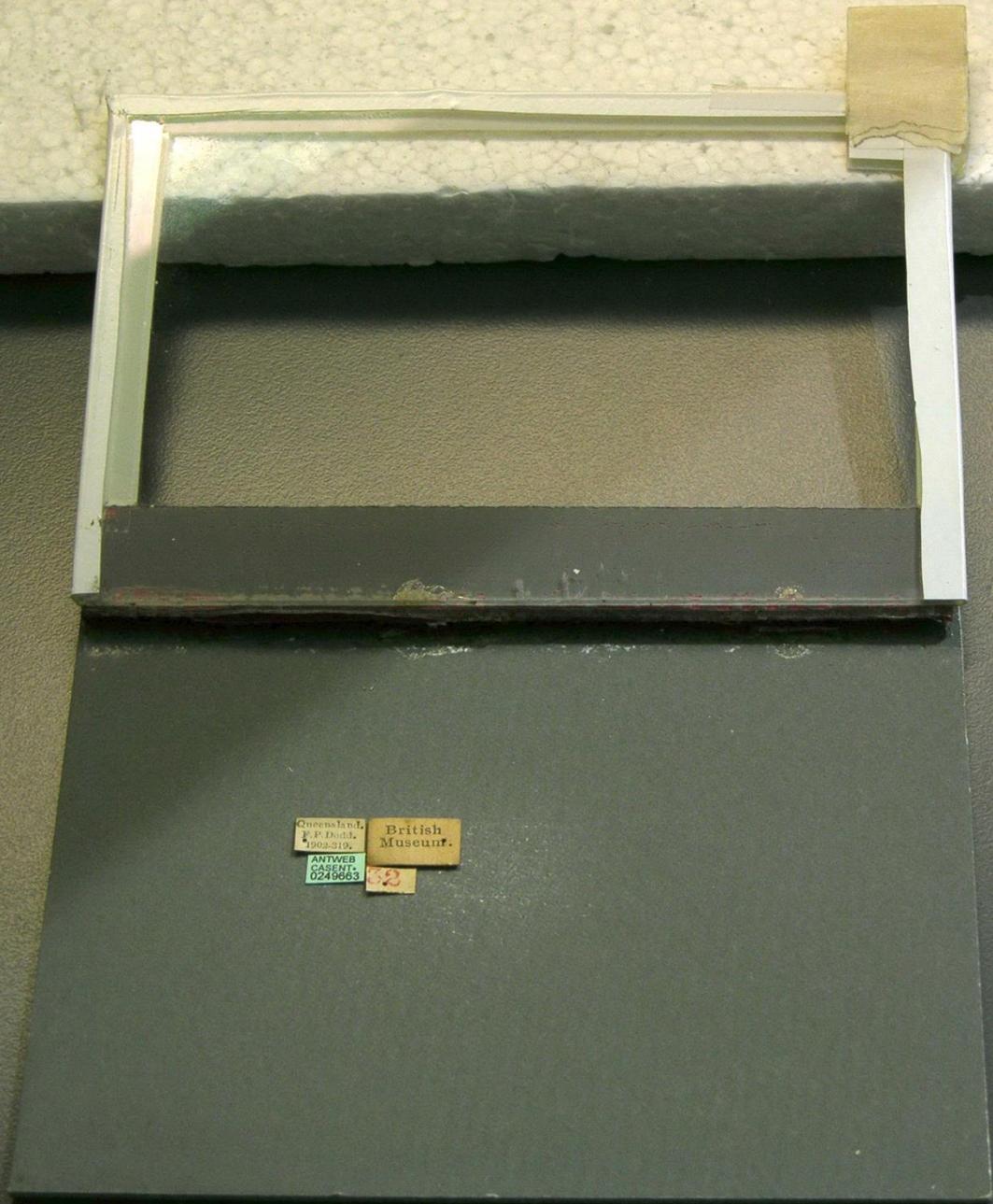




SpecimenCode Spn
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 CASEN10003287 Mystem
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 CASEN10003399 Mystem
 CASEN10003400 Mystem

only 1 MG14 pin
 only pin from 10





Queensland,
P. P. Dool,
1902-1903.
ANTWERP
CASENT.
0249663

British
Museum.

52

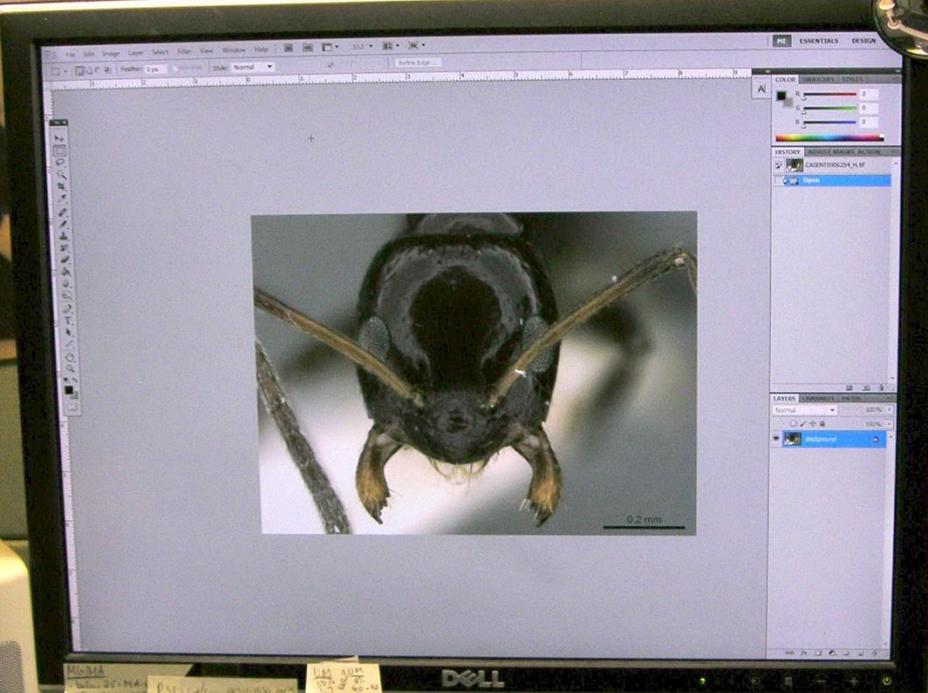
Queensland.
F.P.Dodd.
1902-319.

British
Museum.

ANTWEB
CASENT.
0249663

32





MOBIA
P. 152
L. 152
L. 152
L. 152

Handwritten notes on a spiral notebook with a pen resting on it.



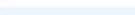
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CASENT0904469_H.tif	10001608	
CASENT0904468_H.tif	12851540	
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CASENT0904470_H.tif	11745000	
CASENT0904467_D.tif	13200796	
CASENT0904468_D.tif	13253732	
CASENT0904469_H_2.tif	12356176	
CASENT0904473_H.tif	10182780	
CASENT0904471_P.tif	8175436	
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- casent0904470_p
- casent0904467_p
- casent0904469_h
- casent0904467_h_2
- casent0904468_h
- casent0904470_h
- casent0904467_d
- casent0904468_d
- casent0904473_h
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No file chosen

Reload Project
Species List for:

AntWeb Statistics

15643 valid species +
subspecies

23539 total species +
subspecies

330801 specimens

11403 species imaged

25525 specimens imaged

107344 total specimen
images

Administrator Functions

- [Master Administration](#)
- [Antweb Statistics](#)
- [Server Status](#)
- [Orphan Manager](#)
- [Unlock Image Upload](#)
- [User Login List](#)
- [All Upload Logs](#)

Odd Reports

- [Unimaged Bolton Ants](#)
- [AntWeb Logs](#)
- [Upload Files](#)
- [Countries List](#)
- [Bioregions List](#)
- [Image Likes](#)
- [Image Likes Display](#)
- [Recent Description Edits](#)

Technical Functions

- [Plazi Test](#)
- [Cache Manager](#)
- [Generate](#) All Home Pages
- [Generate](#) Recent Desc Edits
- [Generate](#) Statistics
- [Run](#) Materialize Images
- [Update](#) Advanced Search
- [Regenerate](#) Project Resources
- [Reload](#) All Project Files
- [Calculate](#) Taxon is Valid Names
- [Update](#) Formicidae Projects
- [Check](#) Integrity
- [Access](#) direct by taxon_name

