

Final Report: McIntire-Stennis Project XXXX

# Building a Terrestrial Biodiversity Inventory for Guam

Aubrey Moore PhD

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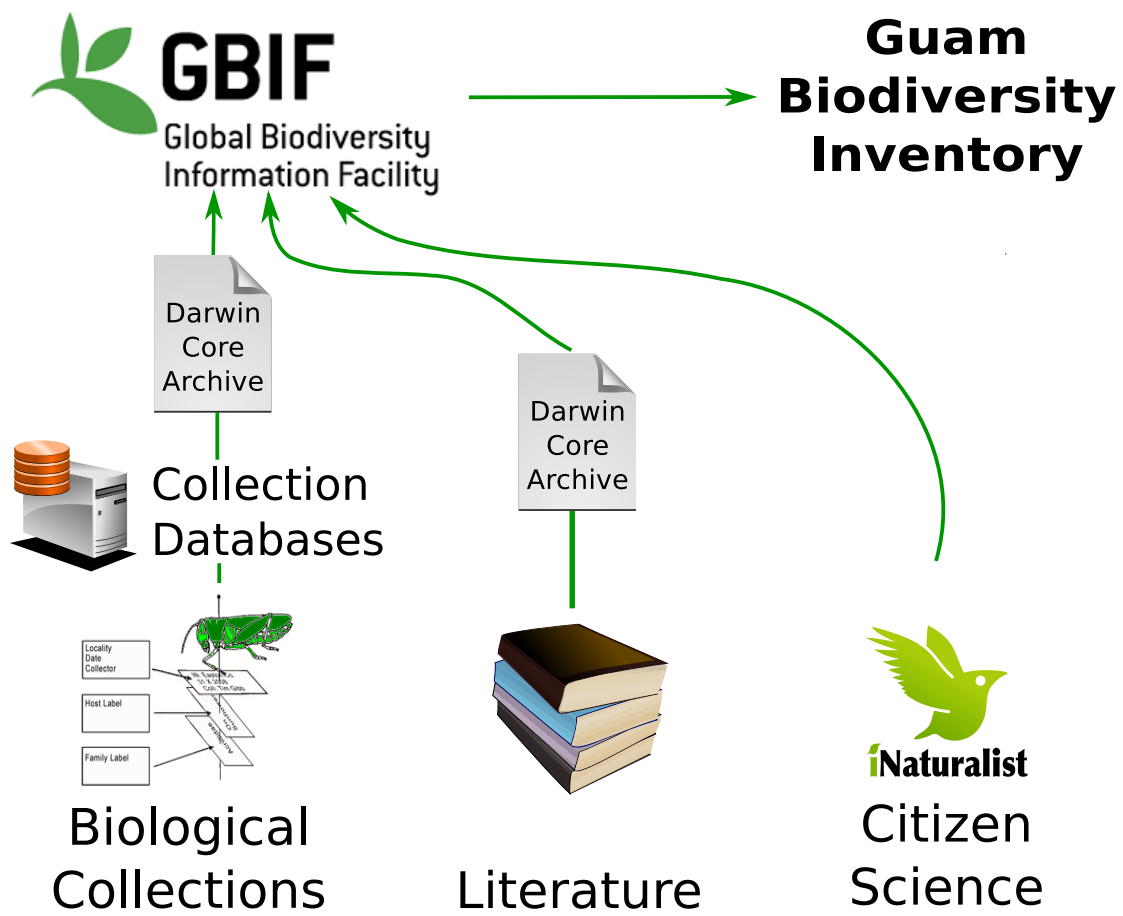


Figure 1: caption goes here

## 1 Introduction

## 2 Data from the University of Guam Insect Collection

### 2.1 Acknowledgments

### 3 Data from Insects of Guam Publications

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### 3.1 Acknowledgments

## 4 Data from iNaturalist

### 4.1 Acknowledgments



## 5 Guam Biodiversity Information from the GBIF

← → ↻ <https://aubreymoore.github.io/Guam-insect-list/>

Getting Started |

### Guam Insect Occurrence Records

Version 2023-02-13 by Aubrey Moore ([aubreymoore@triton.uog.edu](mailto:aubreymoore@triton.uog.edu))  
Data source: [GBIF.org \(2023-01-28\) GBIF Occurrence Download 10.15468/dl.yztrkr](#)  
22802 occurrences | 18 orders | 263 families | 955 genera | 1095 species  
Click on Insecta to expand the list.

- ▼ Insecta
  - ▶ Blattodea
  - ▶ Coleoptera
  - ▶ Dermaptera
  - ▶ Diptera
  - ▶ Ephemeroptera
  - ▼ Hemiptera
    - ▼ Aleyrodidae
      - ▶ Bemisia tabaci (Gennadius, 1889)
      - ▶ Metaleurodicus cardini (Back, 1912)
      - ▶ Tetraleurodes acaciae (Quaintance, 1900)
    - ▶ Alydidae
    - ▶ Anthocoridae
    - ▶ Aphididae
    - ▶ Aphrophoridae
    - ▶ Aradidae
    - ▶ Asterolecaniidae
    - ▶ Berytidae
    - ▶ Carsidaridae
    - ▶ Cercopidae
    - ▶ Cicadellidae

Figure 2: caption

	ms	dataset	Guam records
1	*	University of Guam Insect Collection	15300
2		Stuart M. Fullerton Collection of Arthropods (UCFC), University of Central Florida	1466
3	*	iNaturalist Research-grade Observations	923
4		NMNH Extant Specimen Records (USNM, US)	700
5	*	Miscellaneous Families of Guam Coleoptera	491
6	*	Lepidoptera, Geometridae, Arctiidae, Agrotidae, and Pyralidae of Guam	436
7		Natural History Museum (London) Collection Specimens	410
8	*	Hemiptera Heteroptera of Guam	396
9	*	Curculionidae of Guam	246
10	*	Hymenoptera Formicidae of Guam	189
11	*	Notes On Some Guam Chalcidoidea	135
12	*	Notes On Some Fulgoroidea Of Guam	131
13	*	Orthoptera And Related Orders Orthoptera And Related Orders Of Guam	128
14	*	Homoptera, Fulgoroidea and Jassoidea of Guam	119
15		International Barcode of Life project (iBOL)	109
16		INSDC Sequences	107
17	*	Lepidoptera, Butterflies of Guam	105
18		Australian National Insect Collection	102
19		CAS Entomology (ENT)	90
20	*	Coccidae of Guam	77
21	*	Wasps of Guam	72
22	*	Ichneumonidae, Evaniidae, And Braconidae Of Guam	71
23	*	ODONATA, DRAGONFLIES OF GUAM	70
24	*	SOME MISCELLANEOUS DIPTERA OF GUAM	66
25	*	New Longicorn Beetles From Guam (Cerambycidae)	60
26	*	Neuropteroid Insects from Guam	58
27		AntWeb	49
28		Wichita State University Collection	48
29	*	Coleoptera Heteromera From Guam	46
30		Essig Museum of Entomology	42
31	*	Psyllidae from Guam	38
32	*	Anthribidae Of Guam	34
33	*	Thysanoptera: Thrips of Guam	31
34	*	Bees of Guam	31

Continued on next page

	ms	dataset	Guam records
35	*	Trypetidae, Otitidae, Helomyzidae, And Clusiidae of Guam (Diptera)	28
36	*	Barkbeetles of Guam	28
37		Museum of Comparative Zoology, Harvard University	26
38	*	Hymenoptera, New Species Of Guam Chalcidoidea	22
39	*	Diptera, Tipulidae of Guam	20
40		C.A. Triplehorn Insect Collection (OSUC), Ohio State University	20
41	*	Homoptera, Cercopidae of Guam	19
42		San Diego Natural History Museum Entomology Department	18
43	*	Elaterid And Eucnemid Beetles Of Guam	17
44	*	Some New Species Of Nemocerus Diptera From Guam	17
45		Gunma Museum of Natural History, Insect Specimen	17
46	*	Membracidae of Guam	15
47	*	Coleoptera, Staphylinidae Of Guam	14
48	*	Sphingidae Of Guam	11
49		Mississippi Entomological Museum	10
50	*	Culicidae of Guam	10
51	*	Rhipiceridae Of Guam	9
52		University of Hawaii Insect Museum	8
53		University of Alberta E. H. Strickland Entomological Museum (UASM)	8
54		Field Museum of Natural History (Zoology) Insect, Arachnid and Myriapod Collection	8
55		Entomological Collections (NHRS), Swedish Museum of Natural History (NRM)	8
56		UTEP Insects (Arctos)	7
57	*	Isoptera of Guam	6
58		Texas A&M University Insect Collection	6
59		Revision Of Brachystethus (Heteroptera, Pentatomidae, Edessinae)	6
60	*	Ciidae of Guam	5
61	*	Aphididae and Aleurodidae Of Guam	5
62		Australian Museum provider for OZCAM	5
63		Queensland Museum provider for OZCAM	4
64		C.P. Gillette Museum of Arthropod Diversity	4
65		Entomology Division, Yale Peabody Museum	4
66		LACM Entomology Collection	4
67		Revision of the black fungus gnat species (Diptera: Sciaridae) described by W. A. Steffan from Micronesia	4
			Continued on next page

ms	dataset	Guam records
68	Synonymy of <i>Reikosiella</i> Yoshimoto under <i>Merostenus</i> Walker (Hymenoptera: Chalcidoidea: Eupelmidae), with a checklist of world species and a revision of those species with brachypterous females	3
69	Swiss Psyllid (Hemiptera) Collections - Geneva	3
70	New ants (Hymenoptera: Formicidae) from Micronesia.	2
71	Dryinidae of the Oriental region (Hymenoptera: Chrysidoidea)	2
72	Naturalis Biodiversity Center (NL) - Diptera	2
73	Lyman Entomological Museum (LEMQ)	2
74	* Strepsiptera of Guam	2
75	Comparative morphology of the endophallic structures of the genus <i>Laius</i> (Coleoptera, Melyridae), with the descriptions of three new species	1
76	Global compendium of <i>Aedes albopictus</i> occurrence	1
77	Cleveland Museum of Natural History	1
78	A taxonomic revision of the <i>Cardiocondyla nuda</i> group (Hymenoptera: Formicidae)	1
79	Bee Biology and Systematics Laboratory	1
80	Lund University Biological Museum - Insect collections Inventory	1
81	North Carolina State University Insect Collection	1
82	Guadeloupe_Insectes	1
83	On the origin of <i>Anagyrus callidus</i> (Hymenoptera: Encyrtidae), a parasitoid of pink hibiscus mealybug <i>Maconellicoccus hirsutus</i> (Hemiptera: Pseudococcidae)	1
84	Invertebrata varia (Luomus)	1
85	Coleoptera World (Luomus) (EC)	1
86	Entomological Specimens of Museum of Nature and Human Activities, Hyogo Pref., Japan	1
87	First record of Eggplant Mealybug, <i>Coccidohystrix insolita</i> (Hemiptera: Pseudococcidae), on Guam: Potentially a major pest	1
88	hymenoptera	1
89	New Zealand Arthropod Collection (NZAC)	1
90	NMNH Material Samples (USNM)	1
91	New ants (Hymenoptera: Formicidae) from Micronesia	1

## 6 Guam Biodiversity Information from the GloBI