

CATALOG OF ENTOMOLOGICAL TYPES IN THE BISHOP MUSEUM

Hymenoptera: Braconidae¹

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Abstract. The 94 holotypes, 7 syntypes, and 27 allotypes of Braconidae in the Bishop Museum collection are listed alphabetically. Locality and host data are updated for many of the types.

The 94 holotypes, 7 syntypes, and 27 allotypes of Braconidae in the Bishop Museum collection represent 93 species and 5 subspecies (the latter all described as varieties). Paratypes of some of these species, as well as several other species, are also present in the Bishop Museum collection but are not listed here.

The primary types are from throughout the Pacific Region, and 3 are from Africa. No one locality is overly represented. Most of the species were described by D.T. Fullaway over a 37-year period. Included among the Fullaway and Bridwell primary types are many of the species introduced to Hawaii for biological control of fruit flies.

The format used in this catalog follows Radovsky et al. (1976). Names are listed as originally published and entered alphabetically by species or subspecies. Locality names as originally published have been supplemented in most cases by addition of broader geographic regions. All geographic names have been updated where possible. In cases where the name of the smallest geographic unit has changed since an original description, the currently accepted name is placed in []. Some of the species described by Fullaway (1919) were listed as being collected in Borneo. The locality on the handwritten labels on these specimens, however, is Bonea, not Borneo. Similarly, specimens published as being collected in Amboina bear labels using the spelling Ambon.

The Bishop Museum collection of braconid primary types is segregated from the remainder of the braconid collection. Each species and subspecies is pinned into a separate, square unit box. The Bishop Museum type number is printed on the box, rather than on a label with the specimen itself. All specimens, however, are clearly marked with "type," "holotype," or "allotype" labels. Species described by Fullaway, representing the bulk of the collection, usually have a characteristic pink, handwritten "type" label attached to the holotype. Fullaway clearly designated holotypes for almost all of his species by listing the repository for the "type, allotype, and paratypes" [in

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Fullaway (1919), this was done in the introduction to the paper rather than under each species heading]. In those cases where the species were described from several localities, Fullaway's handwritten "type" label has been instrumental in determining the actual holotype. In such cases, the locality given in this catalog was taken directly from the labels.

Host data published with the original description have been supplemented where possible with latest available name changes. Where significant changes have been made, the supplementary data are placed in []. Where known, ordinal and familial names of host insects are included in []. "Ex" has been used here to indicate the insect host, and "from" the plant host.

SPECIES GROUP ENTRIES

Family BRACONIDAE

acidoxanthicidus Fullaway, <i>Opius</i>	HOLOTYPE ♀	5594
1949 <i>Proc. Entomol. Soc. Wash.</i> 51 (3): 114-15		pin
PHILIPPINES: Mindanao I: Zamboanga I.1948 Q.C. Chock		
Ex <i>Acidoxantha</i> sp. [Diptera: Tephritidae] from <i>Paritium tiliacu</i> s (hau) bud		
afiamaluana Fullaway, <i>Apanteles</i>	HOLOTYPE ♀	5553
1941 <i>Proc. Hawaii. Entomol. Soc.</i> 11 (1): 45-46		pin
WESTERN SAMOA: Upolu I: Afiamalu 2200 ft [671 m] 10.IV.1940	O.H. Swezey	
Ex lepidopterous leaf-miner		
agonoxenae Fullaway, <i>Apanteles</i>	HOLOTYPE ♀	5554
1941 <i>Proc. Hawaii. Entomol. Soc.</i> 11 (1): 48-49		pin
WESTERN SAMOA: Upolu I: Afiamalu 27.VI.1940 O.H. Swezey		
Ex <i>Agonoxena argaula</i> Meyrick [Lepidoptera: Agonoxenidae] from <i>Clinostigma oncorhyncha</i>		
This species was described from 4 ♀ listed in the original description as "type and cotypes."		
Since Fullaway clearly intended 1 of these specimens to be treated as the holotype, and		
since the above specimen bears his handwritten type label, it is treated here as the holotype.		
albiapex Fischer, <i>Aspilota</i>	HOLOTYPE ♂	12232
1978 <i>Ann. Naturhist. Mus. Wien</i> 81 : 485-87 2 figs		pin
PNG: BISMARCK ARCH: New Britain I: Vudal, SW of Keravat XII.13.1959 T.C. Maa		
amboinensis Fullaway, <i>Astroöpius</i>	HOLOTYPE ♀	5661
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80 : 58-59		pin
INDONESIA: Maluku Is: Amboina [Amboin] 1908 F. Muir		
The date on the locality label was not included in the original description. Both fore wings		
and 1 hind wing are missing from the holotype. Unnumbered ♂ ALLOTYPE, same data		
as holotype, pinned into same unit box as holotype.		
amboinensis Fullaway, <i>Macrostomion</i>	HOLOTYPE ♀	5584
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80 : 45-46 3 figs		pin
INDONESIA: Maluku Is: Amboina [Amboin] IV.1909 F. Muir		
Abdomen missing from holotype. ALLOTYPE ♂, 5584A, same data as holotype, pinned		
into same unit box as holotype.		
amboinensis Fullaway, <i>Microodus</i>	HOLOTYPE ♂	5590
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80 : 56-57		pin
INDONESIA: Maluku Is: Amboina [Amboin] F. Muir		
argentea Fullaway, <i>Ascogaster</i>	HOLOTYPE ♂	5559
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80 : 49		pin
INDONESIA: Java I: Buitenzorg [Bogor] F. Muir		

bedelliae Fullaway, <i>Apanteles</i>		HOLOTYPE ♀	5557
1941 <i>Proc. Hawaii. Entomol. Soc.</i> 11 (1): 46-47			pin
WESTERN SAMOA: Upolu I: Tapatapao 800-1000 ft [244-305 m] 23.VII.1940			
O.H. Swezey			
Ex <i>Bedellia</i> sp. [Lepidoptera] from sweet potatoes			
<i>A. tapatapaoanus</i> Fullaway was proposed as a replacement name for <i>bedelliae</i> , preoccupied in			
<i>Apanteles</i> (see <i>Proc. Hawaii. Entomol. Soc.</i> 12 (4): 486).			
brachyclypeata Fischer, <i>Aspilota</i>		HOLOTYPE ♀	12233
1978 <i>Ann. Naturhist. Mus. Wien</i> 81 : 487-89 2 figs			pin
IRIAN: NEW GUINEA (NW): Swart Val: Karubaka 1400 m 21.XI.1958 J.L. Gressitt			
The locality was incorrectly published as Smart Val., Karabuka.			
brandti Fischer, <i>Aspilota</i>		HOLOTYPE ♀	12234
1978 <i>Ann. Naturhist. Mus. Wien</i> 81 : 489-91 1 fig			pin
PNG: NEW GUINEA (NE): main Finistere Range nr Freyberg Pass (N) 2550 m 1-			
21.X.1958 W.W. Brandt			
carinatus Baltazar, <i>Aphrostobraco</i> n		HOLOTYPE ♀	3461
1963 <i>Pac. Insects</i> 5 (3): 579-82 3 figs			pin
PHILIPPINES: Palawan I: Tarumpitao Pt 24.V.1958 H.E. Milliron			
In jungle clearing			
The date was published as June; the label says May.			
chocki Fullaway, <i>Opius longicaudatus</i>		HOLOTYPE ♀	5604
1953 <i>Proc. Entomol. Soc. Wash.</i> 55 (6): 310-11			pin
PHILIPPINES X.4.1947 Q.C. Chock			
Ex <i>Dacus</i> sp. [Diptera: Tephritidae]			
ALLOTYPE ♂, 5604A (PHILIPPINES, Batangas, XI.6.1947, Q.C. Chock, ex <i>Dacus dorsalis</i>), pinned into same unit box as holotype.			
clypeatus Bridwell, <i>Hedylus</i>		HOLOTYPE ♀	6003
1919 <i>Proc. Hawaii. Entomol. Soc.</i> 4 (1): 174-75			pin
NIGERIA: Ibadan: Oloke Meji 27.VII.1914 J.C. Bridwell			
Collected while ovipositing on fruit of unknown vine			
concisa Fullaway, <i>MuirIELLA</i>		HOLOTYPE ♀	5593
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80 : 47-48 2 figs			pin
INDONESIA: Maluku Is: Larat XII.1907 F. Muir			
The generic name was incorrectly published as "Muiria" in original description of <i>concisa</i> .			
cremastobombyciae Fullaway, <i>Blacus</i>		HOLOTYPE ♀	5564
1956 <i>Proc. Hawaii. Entomol. Soc.</i> 16 (1): 40-41			pin
HAWAIIAN IS: Oahu I: Honolulu 1955 M. Chong			
Ex <i>Cremastobombycia lantanella</i> Busck [Lepidoptera]			
deeraleensis Fullaway, <i>Opius</i>		HOLOTYPE ♀	5597
1950 <i>Proc. Hawaii. Entomol. Soc.</i> 14 (1): 65-66			pin
AUSTRALIA: Queensland: nr Deeray AU#1-a VI.1949 N.L.H. Krauss			
Ex <i>Dacus (Strumeta) laticaudus</i> Hardy [Diptera: Tephritidae] from <i>Planchonella</i>			
ALLOTYPE ♂, 5597A, same data as holotype, pinned into same unit box as holotype.			
desideratus Bridwell, <i>Hedylus</i>		HOLOTYPE ♀	6002
1919 <i>Proc. Hawaii. Entomol. Soc.</i> 4 (1): 172-74			pin
NIGERIA: Ibadan: Oloke Meji VIII-XI.1914 J.C. Bridwell			
Ex <i>Dacus</i> and <i>Ceratitis</i> [Diptera: Tephritidae]			
ALLOTYPE ♂, same data as holotype, pinned into same unit tray as holotype.			
dissitus Muesebeck, <i>Opius</i>		HOLOTYPE ♀	5598
1963 <i>Proc. Hawaii. Entomol. Soc.</i> 18 (2): 289-90			pin
HAWAIIAN IS: Oahu I: Waimanalo VII.1962 D. Habeck & M. Tamashiro			
Ex <i>Liriomyza minutiseta</i> Frick [Diptera: Agromyzidae] from pole and lima beans.			
distinctus Fullaway, <i>Microdus</i>		HOLOTYPE ♀	5591
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80 : 57			pin
INDONESIA: Maluku Is: Amboina [Amboin] F. Muir			

distinctus Fullaway, <i>Platybracon</i>		HOLOTYPE ♀	5612
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80: 39–40		pin	
INDONESIA: Maluku Is: Amboina [Amboin] F. Muir			
ALLOTYPE ♂, 5612A, same data as holotype, pinned into same unit box as holotype.			
dubiosus Fullaway, <i>Hemigyroneuron</i>		HOLOTYPE ♂	5578
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80: 46–47 1 fig		pin	
PNG: NEW GUINEA (SE): Laloki Riv 1910 F. Muir			
esotericus Fischer, <i>Opius</i>		HOLOTYPE ♀	9408
1971 <i>Pac. Insects</i> 13 (3–4): 492–94 2 figs		pin	
IRIAN: NEW GUINEA (NW): Wamena T.C. Maa			
An unnumbered ♂ with Fischer's ALLOTYPE label (PNG: NEW GUINEA (NE): Sepik Riv, Pagwi area, 5 m, 25.VIII.1957, D. Elmo Hardy), pinned into same unit box with holotype.			
ferruginea Fullaway, <i>Biroia</i>		HOLOTYPE ♂	5566
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80: 54–55		pin	
INDONESIA: Java I: Java Tengah: Roban F. Muir			
fijiensis Fullaway, <i>Ischiogonus</i>		HOLOTYPE ♀	5581
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80: 42		pin	
FIJI 1906 F. Muir			
fijiensis Fullaway, <i>Opius</i>		HOLOTYPE ♀	5599
1936 <i>Proc. Hawaii. Entomol. Soc.</i> 9 (2): 179		pin	
FIJI: Nasinu 28.V.1935 Simmonds			
ALLOTYPE ♂, 5599A, same data as holotype, pinned into same unit box as holotype.			
formosanus Fullaway, <i>Biosteres</i>		HOLOTYPE ♀	5562
1926 <i>Proc. Hawaii. Entomol. Soc.</i> 6 (2): 283–84		pin	
TAIWAN (S) IV.1924 S. Issiki			
Ex <i>Dacus</i> (?) [Diptera: Tephritidae] from wild fruit			
froggatti Fullaway, <i>Opius</i>		HOLOTYPE ♀	5600
1950 <i>Proc. Hawaii. Entomol. Soc.</i> 14 (1): 67		pin	
AUSTRALIA: Queensland: Deeral AU#4 VII.1949 N.L.H. Krauss			
From <i>Planchonella</i>			
ALLOTYPE ♂, 5600A, same data as holotype, pinned into same unit box as holotype.			
fullawayi Beardsley, <i>Microtypus</i>		HOLOTYPE ♀	5592
1961 <i>Proc. Hawaii. Entomol. Soc.</i> 17 (3): 352–54 2 figs		pin	
HAWAIIAN IS: Oahu I: Honolulu: Aina Haina 16.IX.1957 J.W. Beardsley			
Light trap			
gracilis Fullaway, <i>Beognatha</i>		HOLOTYPE ♀	5565
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80: 49–50		pin	
INDONESIA: Maluku Is: Larat XII.1907 F. Muir			
gregori Fischer, <i>Opius</i>		HOLOTYPE ♀	9409
1971 <i>Pac. Insects</i> 13 (3–4): 494–96 1 fig		pin	
IRIAN: NEW GUINEA (NW): Vogelkop: Bomberai 700–900 m 9.VI.1959 J.L. Gressitt			
An unnumbered specimen bearing Fischer's ALLOTYPE label, pinned into same unit box as holotype, is a female and not the male specimen listed in the original description under the material examined section.			
gressitti Fischer, <i>Diachasma</i>		HOLOTYPE [♂]	9406
1971 <i>Pac. Insects</i> 13 (3–4): 489–91 1 fig		pin	
IRIAN: NEW GUINEA (NW): Swart Val: Karubaka 1400 m 21.XI.1958 J.L. Gressitt			
In the material examined section, the sex of the holotype was incorrectly published as female.			
gressitti Baltazar <i>Ischnobracon</i>		HOLOTYPE ♀	3463
1963 <i>Pac. Insects</i> 5 (3): 589 2 figs		pin	
PHILIPPINES: Palawan I: 6.4 km N of Tarumpitao Pt 30.V.1958 H.E. Milliron			
In jungle			

guamensis Fullaway, <i>Chelonus</i>		HOLOTYPE ♀	5571
1946 <i>Bishop Mus. Bull.</i> 189 : 224-25		pin	
MICRONESIA: Mariana Is: Guam I: Sumay Road	1936 O.H. Swezey		
guamensis Fullaway, <i>Spathius</i>		HOLOTYPE ♀	5613
1946 <i>Bishop Mus. Bull.</i> 189 : 226-27		pin	
MICRONESIA: Mariana Is: Guam I: Machanao	30.VI.1936 O.H. Swezey		
Ex Cerambycidae burrow from <i>Elaeocarpus joga</i>			
hardyi Fischer, <i>Aspilota</i>		HOLOTYPE ♀	12235
1978 <i>Ann. Naturhist. Mus. Wien</i> 81 : 491-93 4 figs		pin	
PNG: NEW GUINEA (NE): Minj Val 1700 m 23.VI.1957 D.E. Hardy			
hongkongensis Fullaway, <i>Euagathis</i>		HOLOTYPE ♂	5575
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80 : 52		pin	
HONG KONG 1908 F.W. Terry			
hypnoticus Fischer, <i>Parasteres</i>		HOLOTYPE ♀	9414
1971 <i>Pac. Insects</i> 13 (3-4): 502-04 2 figs		pin	
IRIAN: NEW GUINEA (NW): Urupura-Itouda: Kamo Val: Wisselmeren [Wissel Lakes] 1500 m 15.VIII.1955 J.L. Gressitt			
illusorius Fischer, <i>Biosteres</i>		HOLOTYPE ♂	9405
1971 <i>Pac. Insects</i> 13 (3-4): 487-89 1 fig		pin	
IRIAN: NEW GUINEA (NW): Waris, S of Hollandia VIII.1959 T.C. Maa			
Sweeping			
immigrans Beardsley, <i>Doryctes</i>		HOLOTYPE ♀	5573
1961 <i>Proc. Hawaii. Entomol. Soc.</i> 17 (3): 362-63 2 figs		pin	
HAWAIIAN IS: Oahu I: Waipio VII.1960 J.W. Beardsley			
Light trap			
iriomotensis Watanabe, <i>Acanthormius</i>		HOLOTYPE ♀	10216
1968 <i>Insecta Matsumurana</i> 30 (2): 61-62 2 figs		pin	
RYUKYU IS: Iriomote I: Nakara Gawa 0-200 m 12.III.1964 C.M. Yoshimoto & J.Harrell			
U.S.-Japan Cooperative Science Program.			
javanus Fullaway, <i>Biosteres</i>		HOLOTYPE ♀	5563
1920 <i>Proc. Hawaii. Entomol. Soc.</i> 4 (2): 260-61		pin	
INDONESIA: Java I: Buitenzorg [Bogor] 10.VIII.1918			
Ex <i>Dacus ferrugineus</i> [Diptera: Tephritidae] from <i>Capsicum</i>			
The original description lists P. van der Goot as collector, but the only collector labels on the holotype, allotype, and paratypes are those of D.T. Fullaway. ALLOTYPE ♂, 5563A, same data as holotype, pinned into same unit box as holotype. <i>Opius vandenboschi</i> Fullaway was proposed as a replacement name for <i>javanus</i> preoccupied in <i>Opius</i> [see <i>Proc. Hawaii. Entomol. Soc.</i> 14 (3): 413].			
javanus Fullaway, <i>Colastes</i>		HOLOTYPE ♂	5572
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80 : 43		pin	
INDONESIA: Java I: Buitenzorg [Bogor] F. Muir			
javanus Fullaway, <i>Pedinotus</i>		HOLOTYPE ♂	5610
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80 : 40-41		pin	
INDONESIA: Java I: Java Tengah: Roban F. Muir			
karubakaensis Fischer, <i>Opius</i>		HOLOTYPE ♀	9410
1971 <i>Pac. Insects</i> 13 (3-4): 496-97 2 figs		pin	
IRIAN: NEW GUINEA (NW): Swart Val: Karubaka 1400 m 6.XI.1958 J.L. Gressitt			
kraussii Fullaway, <i>Opius</i>		HOLOTYPE ♀	5601
1951 <i>Proc. Hawaii. Entomol. Soc.</i> 14 (2): 249		pin	
AUSTRALIA: Queensland: nr Deeral VII.1949 N.L.H. Krauss			
From <i>Planchonella</i>			
ALLOTYPE ♂, 5601A, same data as holotype, pinned into same unit box as holotype.			

lantanae Bridwell, <i>Opium</i>	HOLOTYPE ♀	5602
1919 <i>Proc. Hawaii. Entomol. Soc.</i> 4(1): 170–72	pin	
HAWAIIAN IS: Oahu I: Honolulu 9.XII.1916 Timberlake #756C O.H. Swezey		
Ex seed agromyzid [Diptera] from lantana		
ALLOTYPE ♂, 5602A, same data as holotype, pinned into same unit box as holotype.		
leveri Fullaway, <i>Opium</i>	HOLOTYPE ♀	5603
1953 <i>Proc. Entomol. Soc. Wash.</i> 55(6): 309–10	pin	
MALAYSIA: Kuala Lumpur VIII.1948 N.L.H. Krauss		
From flower heads of <i>Hyptis capitata</i>		
ALLOTYPE ♂, 5603A, same data as holotype, pinned into same unit box as holotype.		
longiceps Fischer, <i>Leptolarthra</i>	HOLOTYPE ♂	12231
1978 <i>Ann. Naturhist. Mus. Wien</i> 81: 480–82 3 figs	pin	
IRIAN: NEW GUINEA (NW): Vogelkop: Bomberai 700–900 m 9.VI.1959 J.L. Gressitt		
maai Fischer, <i>Parasteres</i>	HOLOTYPE ♂	9415
1971 <i>Pac. Insects</i> 13(3–4): 504–05 2 figs	pin	
IRIAN: NEW GUINEA (SW): Eramboe, 80 km from Merauke 5–21.I.1960 T.C. Maa		
malaiaensis Fullaway, <i>Opius longicaudatus</i>	HOLOTYPE ♀	5605
1953 <i>Proc. Entomol. Soc. Wash.</i> 55(6): 312–13	pin	
MALAYSIA: Selangor: Serdang III.1949 N.L.H. Krauss 1393		
From carambola		
Although published as <i>malaiaensis</i> , the label on the holotype uses a different spelling.		
malayensis Fullaway, <i>Ischiogonus</i>	HOLOTYPE ♀	5582
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80: 41–42	pin	
MALAYSIA: Malay Penin F. Muir		
Holotype with antennae missing.		
malayensis Fullaway, <i>Macrostomion</i>	HOLOTYPE ♀	5585
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80: 44–45	pin	
MALAYSIA: Malay Penin F. Muir		
methodii Fischer, <i>Opium</i>	HOLOTYPE ♀	9411
1971 <i>Pac. Insects</i> 13(3–4): 497–99 2 figs	pin	
PNG: NEW GUINEA (SE): S Highlands: N of Mendi 1800 m 8.X.1958 J.L. Gressitt		
muesebecki Baltazar, <i>Gronaulax</i>	HOLOTYPE ♀	3462
1963 <i>Pac. Insects</i> 5(3): 586–87 3 figs	pin	
PHILIPPINES: Negros I: Negros Oriental: L. Balinsasayao 1–7.X.1959 L.W. Quate		
muirii Fullaway, <i>Heterogamoides</i>	HOLOTYPE ♀	5579
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80: 44 2 figs	pin	
INDONESIA: Java I: Buitenzorg [Bogor] VII.1907 F. Muir		
Ex spiny lepidopterous pupa		
muirii Fullaway, <i>Laminitarsus</i>	HOLOTYPE ♀	5583
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80: 58 1 fig	pin	
PHILIPPINES: Luzon I: Los Baños VIII.1915 F. Muir		
myeloisae Fullaway, <i>Phanerotoma</i>	HOLOTYPE ♀	5611
1956 <i>Proc. Hawaii. Entomol. Soc.</i> 16(1): 42–43	pin	
HAWAIIAN IS: Oahu I: Honolulu E.M. Ehrhorn		
Ex <i>Myelois ceratoniae</i> Zeller [Lepidoptera: Pyralidae] from pods of <i>Acacia farnesiana</i> (L.) Willdenow		
ALLOTYPE ♂, 5611A, same data as holotype, except collected by Fullaway, pinned into same unit box as holotype.		
nabirensis Fischer, <i>Euopius</i>	HOLOTYPE ♀	9407
1971 <i>Pac. Insects</i> 13(3–4): 491–92 1 fig	pin	
IRIAN: NEW GUINEA (NW): S Geelvink Bay: Nabire 1–20 m 5.VII.1962 J.L. Gressitt		

nigra Fullaway, <i>Biroia</i>		HOLOTYPE ♂	5567
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80: 52-53		pin	
INDONESIA: Sulawesi I: Bonea F. Muir			
Original description gives the locality as "Piroe, Ceram." This is apparently an error, however, as both the holotype and paratype bear handwritten labels with "Bonea" as the locality.			
novocaledonicus Fullaway, <i>Opius longicaudatus</i>		HOLOTYPE ♀	5606
1953 <i>Proc. Entomol. Soc. Wash.</i> 55 (6): 311-12		pin	
NEW CALEDONIA: Noumea 6.VI.1950 N.L.H. Krauss			
From guava			
ALLOTYPE ♂, 5606A, same data as holotype, pinned into same unit box as holotype. The date given in the original description was 6/8/50.			
novus Gibson, <i>Canaliccephalus</i>		HOLOTYPE ♀	10448
1977 <i>Pac. Insects</i> 17 (2-3): 244		pin	
PNG: NEW GUINEA (NE): Morobe Distr: Wau 1250 m 21.I.1963 J. Sedlacek			
Malaise trap			
ochracea Fullaway, <i>Biroia</i>		HOLOTYPE ♀	5568
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80: 53-54		pin	
INDONESIA: Maluku Is: Ceram [Seram]: Piroe F. Muir			
omiodivorus Terry, <i>Macrodyctium</i>		SYNTYPE ♀	5586
1907 <i>Hawaii. Sugar Plant. Assoc. Entomol. Bull.</i> 5: 37-38 4 figs		pin	
HAWAIIAN IS: Hawaii I: Pahala 3.II.1905			
Ex <i>Omoides accepta</i> (Butler) [<i>Hedylepta</i>] [Lepidoptera: Pyralidae] from sugar cane			
Three additional SYNTYPES [2♂ and 1 (sex ?) with abdomen missing], all glued to cards on same pin, in same unit box as syntype ♀, bear the following data: HAWAIIAN IS: Maui I: Paia, XI.1907. The syntypes were segregated by Bridwell as cotypes, and bear labels attesting to this. Additional syntype material may be in existence elsewhere since more specimens were available for the original description.			
operculinae Fullaway, <i>Apanteles</i>		HOLOTYPE ♀	5555
1941 <i>Proc. Hawaii. Entomol. Soc.</i> 11 (1): 47		pin	
WESTERN SAMOA: Upolu I: Tapatapao 800-1000 ft [244-305 m] 20.VII.1940 O.H. Swezey			
Ex lepidopterous leaf-miner from yams			
ALLOTYPE ♂, 5555A, from AMERICAN SAMOA: Tutuila I: Fagatogo, 3.VIII.1940, O.H. Swezey, pinned into same unit box as holotype.			
orthostigmoides Fischer, <i>Aspilota</i>		HOLOTYPE ♂	12229
(1975) 1976 <i>Ann. Naturhist. Mus. Wien</i> 79: 232-34 4 figs		pin	
PNG: NEW GUINEA (NE): Asaro Chimbu div.: Daulo Pass 2800 m 14.VI.1955 J.L. Gressitt			
pallida Fullaway, <i>Euagathis</i>		HOLOTYPE ♀	5576
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80: 51		pin	
INDONESIA: Sulawesi I: Makassar [Udjung Pandang] XII.1908 F. Muir			
pallidiceps Perkins, <i>Ischiogonus</i>		SYNTYPE ♀	1487
1910 <i>Fauna Hawaianensis</i> 2 (6): 684-85		pin	
HAWAIIAN IS: Oahu I: Mt Tantalus IV.1903 R.C.L. Perkins			
An additional label on the syntype states "This species was killing most of the abundant larvae of <i>P[lagithmysus] solitarius</i> in the winter of 1900 in the Hon. Mts." Although this specimen bears a holotype label, it must be considered a syntype, since Perkins described <i>I. pallidiceps</i> from several specimens without indicating a type.			
Locality information for this and other Perkins species is from the labels on the types, since specific localities were not given in the original descriptions.			
parvimaxillata Fischer, <i>Aspilota</i>		HOLOTYPE ♀	12230
(1975) 1976 <i>Ann. Naturhist. Mus. Wien</i> 79: 234-36 3 figs		pin	
PNG: NEW GUINEA (NE): Nondugl 1600 m 8.VII.1955 J.L. Gressitt			

pembertoni Bridwell, <i>Microbracon</i>		HOLOTYPE ♀	5587
1919 <i>Proc. Hawaii. Entomol. Soc.</i> 4(1): 115–16	HAWAIIAN IS: Oahu I: Honolulu 10.XII.1916 C.E. Pemberton	pin	pin
ALLOTYPE ♂, 5587A, collected in Honolulu, 23.IV.1919, ex <i>Pectinophora gossypiella</i> (Saunders) [Lepidoptera: Gelechiidae] pinned into same unit box as holotype.			
perdebillis Perkins, <i>Spathius</i>	probable HOLOTYPE ♂	1489	
1910 <i>Fauna Hawaiensis</i> 2(6): 685–86	HAWAIIAN IS: Oahu I: Honolulu: Bates Street 1904 R.C.L. Perkins	pin	pin
Although this specimen bears a holotype label, a type was not specifically designated in the original description. It is not clear from the description whether or not more than 1 male was in Perkins' collection.			
peregrinus Perkins, <i>Hormius</i> (?)	SYNTYPE ♀	1488	
1910 <i>Fauna Hawaiensis</i> 2(6): 685	HAWAIIAN IS: Oahu I: Honolulu III.1903	pin	pin
Although a holotype label is attached to this specimen, a type was not indicated in the original description. Perkins apparently had several specimens when preparing the original description, since he gives a size range.			
perkinsi Fullaway, <i>Opius</i>	HOLOTYPE ♀	5608	
1950 <i>Proc. Hawaii. Entomol. Soc.</i> 14(1): 66–67	AUSTRALIA: Queensland: Deeral AU#3 1949 N.L.H. Krauss	pin	pin
Ex <i>Dacus laticaudus</i> Hardy [Diptera: Tephritidae] pupae from <i>Planchonella</i>			
ALLOTYPE ♂, 5608A, same data as holotype, pinned into same unit box as holotype.			
polita Fullaway, <i>Apanteles operculinae</i>	SYNTYPE ♂	5556	
1941 <i>Proc. Hawaii. Entomol. Soc.</i> 11(1): 47–48	WESTERN SAMOA: Upolu I: Tapatapao 800–1000 ft [244–305 m] 17.VII.1940 O.H. Swezey	pin	pin
Ex Lepidoptera: Hesperiidae caterpillars from rattan			
Syntype pinned with its cocoon. This subspecies was described from 2♂ without indication of a type.			
rotata Fischer, <i>Aspilota</i>	HOLOTYPE ♀	12236	
1978 <i>Ann. Naturhist. Mus. Wien</i> 81: 493–95 3 figs	IRIAN: NEW GUINEA (NW): Swart Val: Karubaka 1400 m 21.XI.1958 J.L. Gressitt	pin	pin
rugosa Fullaway, <i>Ascogaster</i>	HOLOTYPE [♀]	5560	
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80: 48–49	INDONESIA: Java I: Java Tengah: Roban (482) VI.1907 F. Muir	pin	pin
Sex of the holotype was incorrectly published as male.			
rugosus Watanabe, <i>Acanthormius</i>	HOLOTYPE ♀	10215	
1968 <i>Insecta Matsumurana</i> 39(2): 61 2 figs	RYUKYU IS: Iriomote I: Ushiku-Mori 425 m 11.III.1964 C.M. Yoshimoto & J. Harrall	pin	pin
U.S.–Japan Cooperative Science Program.			
samoana Fullaway, <i>Phanerotoma</i>	HOLOTYPE ♀	1688	
(1939) 1940 <i>Proc. Hawaii. Entomol. Soc.</i> 10(3): 403–04	AMERICAN SAMOA: Tutuila I: Fagasa Trail II.1930 D.T. Fullaway	pin	pin
samoanus Fullaway, <i>Aneurobracon</i>	HOLOTYPE ♀	5552	
1941 <i>Proc. Hawaii. Entomol. Soc.</i> 11(1): 45–46	WESTERN SAMOA: Upolu I: Afiamalu 2200 ft [671 m] 9.VI.1940 O.H. Swezey	pin	pin
Ex leaf roller			
ALLOTYPE ♂, 5552A, from American Samoa: Tutuila I: Fagatoga, 3–4.VIII.1940, ex leaf-miner from <i>Operculina</i> , pinned into same unit box as holotype.			
samoanus Fullaway, <i>Apanteles</i>	HOLOTYPE ♀	1690	
(1939) 1940 <i>Proc. Hawaii. Entomol. Soc.</i> 10(3): 402–03	AMERICAN SAMOA: Tutuila I: Pago Pago 26.II.1930 D.T. Fullaway	pin	pin
ALLOTYPE ♂, 1690A, from Tutuila: Fagasa, 8.III.1930, D.T. Fullaway, pinned into same unit box as holotype.			

samoanus Fullaway, <i>Doryctes</i>		HOLOTYPE ♂	1689
(1939) 1940 <i>Proc. Hawaii. Entomol. Soc.</i> 10 (3): 405		pin	
AMERICAN SAMOA: Tutuila I: Aua-Afonu Trail	1930	D.T. Fullaway	
schoenmanni Fischer, <i>Aspilota</i>		HOLOTYPE ♀	12228
(1975) 1976 <i>Ann. Naturhist. Mus. Wien</i> 79 : 230-32 4 figs		pin	
PNG: NEW GUINEA (SE): S Highlands: Aiyuro nr Mendi	1530 m	7.X.1951 J.L. Gressitt	
spilota Fullaway, <i>Euagathis</i>		HOLOTYPE ♀	5577
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80 : 50-51		pin	
INDONESIA: Java I: Java Tengah: Roban	V.1907	F. Muir	
suggestivus Fischer, <i>Parasteres</i>		HOLOTYPE ♀	9416
1971 <i>Pac. Insects</i> 13 (3-4): 506-07 2 figs		pin	
PNG: NEW GUINEA (NE): Wau	1750 m	20.IX.1965 J. & M. Sedlacek	
Malaise trap			
swezeyi Beardsley, <i>Ephylopsis</i>		HOLOTYPE ♀	5574
1961 <i>Proc. Hawaii. Entomol. Soc.</i> 17 (3): 360-62 1 fig		pin &	
HAWAIIAN IS: Kauai I: Kumuweia	1.VIII.1925	O.H. Swezey	slide
From <i>Straussia</i>			
Locality was incorrectly published as Kumuwela.			
swezeyi Bridwell, <i>Microbracon</i>		HOLOTYPE ♀	5588
1919 <i>Proc. Hawaii. Entomol. Soc.</i> 4 (1): 116-17		pin	
HAWAIIAN IS: Oahu I: Honolulu	7.I.1913	O.H. Swezey	
Ex <i>Bactra straminea</i> (Butler) [Lepidoptera: Olethreutidae] and <i>Batrachedra cuniculator</i> Busck			
[Lepidoptera: Momphidae]			
ALLOTYPE ♂, 5588A, from Honolulu: Kewalo, 5.IV.1914, O.H. Sweezey, pinned into same unit box as holotype.			
swezeyi Fullaway, <i>Orgilus</i>		HOLOTYPE ♀	5609
1956 <i>Proc. Hawaii. Entomol. Soc.</i> 16 (1): 41-42		pin	
HAWAIIAN IS: Oahu I: Koko Head	17.III.1934	O.H. Swezey	
ALLOTYPE ♂, 5609A, same locality, 13.II.1934, O.H. Swezey, ex <i>Opogona</i> [Lepidoptera: Hieroxestidae], pinned into same unit box as holotype.			
syagrii Fullaway, <i>Ischiogonus</i>		HOLOTYPE ♀	5930
1922 <i>Bull. Entomol. Res.</i> 13 (2): 201		pin	
AUSTRALIA: New South Wales: Nimbin	V.1921	C.E. Pemberton	
Ex <i>Syagrius fulvitarsis</i> Pasc. [Coleoptera: Curculionidae] from fern			
ALLOTYPE ♂, 5930A, same data as holotype, pinned into same unit box as holotype.			
taiensis Fullaway, <i>Opium longicaudatus</i>		HOLOTYPE ♀	5607
1958 <i>Proc. Entomol. Soc. Wash.</i> 55 (6): 313-14		pin	
THAILAND XII.14.1950 G.W. Anglet			
ALLOTYPE ♂, 5607A, same label data as holotype, pinned into same unit box as holotype.			
terryi Bridwell, <i>Microbracon</i>		HOLOTYPE ♂	5589
1919 <i>Proc. Hawaii. Entomol. Soc.</i> 4 (1): 169-70		pin	
HAWAIIAN IS: Oahu I: Honolulu	15-22.I.1906	F.W. Terry	
Ex <i>Tephritis crassipes</i> [Diptera: Tephritidae] from <i>Bidens pilosa</i> L.			
Although not sufficiently well preserved to be absolutely certain of the sex without dissection, the holotype appears to be a male. A second male pinned into the same unit box, and bearing Bridwell's allotype label, therefore cannot be considered an allotype.			
torricelliensis Fischer, <i>Parasteres</i>		HOLOTYPE ♂	9417
1971 <i>Pac. Insects</i> 13 (3-4): 507-09 2 figs		pin	
PNG: NEW GUINEA (NE): Torricelli Mts: Mobitei	750 m	5-15.III.1959 W.W. Brandt	
tutuilensis Fullaway, <i>Spathius</i>		HOLOTYPE ♀	1691
1940 <i>Proc. Hawaii. Entomol. Soc.</i> 10 (3): 404-05		pin	
AMERICAN SAMOA: Tutuila I: Amouli	II.1930	D.T. Fullaway	
ALLOTYPE ♂, 1691A, with head missing and with same data as holotype, pinned into same unit box as holotype.			

upoluensis Fullaway, <i>Apanteles</i>		HOLOTYPE ♂	5558
1941 <i>Proc. Hawaii. Entomol. Soc.</i> 11 (1): 48		pin	
WESTERN SAMOA: Upolu I: Mt Sinaele 27.VII.1940 O.H. Swezey			
Ex lepidopterous leaf roller from <i>Ficus</i>			
vagrans Bridwell, <i>Hormiopterus</i>		HOLOTYPE ♀	5580
1920 <i>Proc. Hawaii. Entomol. Soc.</i> 4 (2): 390–92		pin	
HAWAIIAN IS: Oahu I: Ewa coral plain VI.1919 J.C. Bridwell			
Ex <i>Neoclytarlus euphorbiae</i> [Coleoptera: Cerambycidae]			
Unnumbered ♂ ALLOTYPE, with same data as holotype, pinned into same unit box as holotype.			
variegata Fullaway, <i>Braunsia</i>		HOLOTYPE ♀	5570
1919 <i>J. R. Asiatic Soc. Straits Br.</i> 80 : 55–56 1 fig		pin	
INDONESIA: Sulawesi I: Bonea F. Muir			
Locality incorrectly published as "Borneo."			
vogelkopensis Fischer, <i>Opius</i>		HOLOTYPE ♀	9412
1971 <i>Pac. Insects</i> 13 (3–4): 499–500 3 figs		pin	
IRIAN: NEW GUINEA (NW): Vogelkop: Bomberai 700–900 m 9.VI.1959 J.L. Gressitt			
Date incorrectly published as 9.V.1959.			
wamenaensis Fischer, <i>Opius</i>		HOLOTYPE ♀	9413
1971 <i>Pac. Insects</i> 13 (3–4): 500–02 2 figs		pin	
IRIAN: NEW GUINEA (NW): Wamena 1700 m 10–25.II.1960 T.C. Maa			
wilhelmensis Fischer, <i>Aspilota</i>		HOLOTYPE ♀	12237
1978 <i>Ann. Naturhist. Mus. Wien</i> 81 : 495–97		pin	
PNG: NEW GUINEA (NE): Mt Wilhelm: Lake Aunde 3600 m 2.VII.1955 J.L. Gressitt			

GENUS-GROUP INVENTORY

Acanthormius: iriomotensis; rugosus
 Aneurobracon: samoanus
 Apanteles: afiamaluana; agonoxenae; bedelliae; operculinae; operculinae polita; samoanus; upoluensis
 Aphrastobracon: carinatus
 Ascogaster: argentea; rugosa
 Aspilota: albiapex; brachyclypeata; brandti; hardyi; orthostigmoides; parvimaxillata; rotata; schoenmanni; wilhelmensis
 Austroöpius: amboinensis
 Beognatha: gracilis
 Biosteres: formosanus; illusorius; javanus
 Biroia: ferruginea; nigra; ochracea
 Blacus: cremastobombyciae
 Braunsia: variegata
 Canalicephalus: novus
 Chelonus: guamensis
 Colastes: javanus
 Diachasma: gressitti
 Doryctes: immigrans; samoanus
 Ecphyloopsis: swezeyi
 Euagathis: hongkongensis; pallida; spilota
 Euopius: nabirensis
 Gronaulax: muesebecki
 Hedylus: clypeatus; desideratus
 Hemigyroneuron: dubiosus
 Heterogamoides: muirii
 Hormiopterus: vagrans
 Hormius (?): peregrinus

- Ischiogonus: fijiensis; malayensis; pallidiceps; syagrii
 Ischnobracon: gressitti
 Laminitarsus: muirii
 Leptolarthra: longiceps
 Macrodycium: omiodivorus
 Macrostomion: amboinensis; malayensis
 Microbracon: pembertoni; swezeyi; terryi
 Microdus: amboinensis; distinctus
 Microtypus: fullawayi
 Muiriella: concisa
 Opius: acidoxanthicidus; deeraleensis; dissitus; esotericus; fijiensis; froggatti; gregori; karubakaensis; kraussii; lantanae; leveri; longicaudatus chocki; longicaudatus malaiaensis; longicaudatus novocaledonicus; longicaudatus taiensis; methodii; perkinsi; vogelkopensis; wamenaensis
 Orgilus: swezeyi
 Parasteres: hypnoticus; maai; suggestivus; torricelliensis
 Pedinotus: javanus
 Phanerotoma: myeloisae; samoana
 Platynbracon: distinctus
 Spathius: guamensis; perdebilis; tutuilensis

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