

**CATALOG OF ENTOMOLOGICAL TYPES IN THE
BISHOP MUSEUM
Orthoptera: Gryllidae¹**

By **Gordon M. Nishida²**

Abstract: This catalog lists and provides supplemental information for the 10 holotypes, 5 cotypes, 4 allotypes and 1 doubtful type of Gryllidae deposited at the Bishop Museum.

All 5 cotypes of Gryllidae were designated by L. Chopard (1929) in the *Insects of Samoa* series. Chopard also designated 3 holotypes in the same publication. The remaining 7 holotypes were designated by the following: R. C. L. Perkins (1910), 3 holotypes; M. Hebard (1935), 1 holotype; and C. Willemse (1950), 3 holotypes.

The distribution of the holotypes is as follows: Hawaiian Islands (3), Society Islands (1), Samoa (3), and Micronesia (3). All 5 cotypes are from Samoa. The allotypes are from the Hawaiian Islands (1) and Micronesia (3).

The gryllid general collection at the Bishop Museum is housed in 3 Cal Academy insect cases. The nearly 25,000 specimens are 90% undetermined.

This catalog follows the format outlined in Radovsky et al. (1976).

SPECIES-GROUP ENTRIES

apicalis Perkins, <i>Leptogryllus</i>	HOLOTYPE ♂	950
1910 <i>Fauna Hawaïensis</i> 2(1)(Suppl.): 689		pin
HAWAIIAN IS: Molokai I 914 m no date no collector given		
brevipes Chopard, <i>Anaxipha</i>	COTYPE ♂	418
1929 <i>Insects of Samoa</i> . Part I(2): 44 Fig. 36, 41, 42		pin
SAMOA IS: Savaii I: Salailua 16.V.1924 E. H. Bryan, Jr.		
Label data reads "SAMOA: Savaii I: Safune, 1.V.1924, lowlands to 305 m, E. H. Bryan, Jr." Left fore- and hindleg missing.		
bryani Chopard, <i>Anaxipha</i>	HOLOTYPE ♀	419
1929 <i>Insects of Samoa</i> . Part I(2): 45 Fig. 37		pin
SAMOA IS: Savaii I: Salailua 16.V.1924 Lowlands to 305 m E. H. Bryan, Jr.		
Left foreleg missing.		
bryani Chopard, <i>Swezwilderia</i>	COTYPES ♂, ♀	420
1929 <i>Insects of Samoa</i> . Part I(2): 50 Fig. 46		pin
SAMOA IS: Savaii I: Safune 610-1219 m 2.V.1924 E. H. Bryan, Jr.		
Rain forest		
Cotype ♂ with right midleg missing, left hindleg on separate pin. Cotype ♀ with both antennae missing flagella, left hindleg missing.		

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chopardi C. Willemse, Heterotrypus	HOLOTYPE ♂	2060
1950 <i>Eos, Rev. Esp. Entomol., Tomo Extraord.</i> : 353 Fig. 25		pin
MICRONESIA: Caroline Is: Ponape I: Jalapuk (=Sharapuku) 6.II.1936 Z. Ono		
Flagellum of left antenna partly missing; right foreleg, left midleg missing; right tegmen and wing detached, wrapped in cellophane. ALLOTYPE ♀, 2060a, pin, MICRONESIA: Caroline Is: Palau Is, 8.IV.1936, Z. Ono. Both antennae detached, one antenna, left tegmen, left hindleg, left foreleg, right midleg wrapped in cellophane; right foreleg, right hindleg missing.		
curtipennis Chopard, Anaxipha	HOLOTYPE ♂	417
1929 <i>Insects of Samoa. Part I(2)</i> : 43 Fig. 35		pin
SAMOA IS: Tutuila I: Pago Pago 9.IX.1923 O. H. Swezey & G. F. Wilder		
Both antennae missing distad of scape.		
cylindricus Perkins, Leptogryllus	HOLOTYPE ♂	1472
1910 <i>Fauna Hawaiiensis</i> 2(1)(Suppl.): 688		pin
HAWAIIAN IS: Kauai I about 762 m no date no collector given		
Right foreleg, both antennae missing. ALLOTYPE ♀, 1472a, pin, mounted with holotype on same piece of cardboard, same data as holotype. Both antennae missing part of flagella; left hindleg detached, glued to cardboard; right hindleg missing.		
deceptor Perkins, Leptogryllus	HOLOTYPE ♀	951
1910 <i>Fauna Hawaiiensis</i> 2(1)(Suppl.): 689		pin
HAWAIIAN IS: Oahu I 457-610 m no date no collector given		
flavipes C. Willemse, Rhincogryllus	HOLOTYPE ♂	2058
1950 <i>Eos, Rev. Esp. Entomol., Tomo Extraord.</i> : 350		pin
MICRONESIA: Caroline Is: Kusaie I: Lele: Mt Crozer (=Mt Fenkol) 30.I.1936 Z. Ono		
ALLOTYPE ♀, 2058a, pin, same data as holotype. Both antennae missing flagella; right midleg, right hindleg missing.		
limbatus C. Willemse, Rhincogryllus	HOLOTYPE ♂	2059
1950 <i>Eos, Rev. Esp. Entomol., Tomo Extraord.</i> : 351		pin
MICRONESIA: Caroline Is: Kusaie I: Lele: Mt Crozer (=Mt Fenkol) 30.I.1936 Z. Ono		
Left antenna, left midleg, right hindleg missing; left hindleg glued to right side. ALLOTYPE ♀, 2059a, pin, same data as holotype except: 28.I.1936. Head and thorax including legs and wings missing; left hindleg detached, wrapped in cellophane; both cerci missing.		
mumfordi Hebard, Tahitina	HOLOTYPE ♀	615
1935 <i>Bull. B. P. Bishop Mus.</i> 113: 62		pin
SOCIETY IS: Tahiti I: Anaroi Plateau 488 m 31.X.1928 A. M. Adamson		
Right midleg, right hindleg missing.		
nigripennis Chopard, Liphoplus	HOLOTYPE ♂	422
1929 <i>Insects of Samoa. Part I(2)</i> : 36		pin
SAMOA IS: Tutuila I 274-366 m IV.1918 H. C. Kellers		
On label, elevation reads 122 m. Left midleg, left hindleg, right cercus missing.		
surdus Chopard, Aphonomorphus	COTYPES ♂, ♀	421
1929 <i>Insects of Samoa. Part I(2)</i> : 52 Fig. 47, 48		pin
COTYPE ♂ SAMOA IS: Tutuila I: Vaitogi 23.IX.1923 O. H. Swezey & G. F. Wilder.		
COTYPE ♀ SAMOA IS: Tutuila I: Afono Trail 25.IX.1923 O. H. Swezey & G. F. Wilder.		

Cotype ♂ with both hindlegs missing, both antennae missing distad of scape. Cotype ♀ with left antenna missing distad of scape; right midleg, right hindleg, left midleg missing; left hindleg detached, pinned with specimen pin beneath labels.

DOUBTFUL TYPE

gracilis Chopard, **Arachnocephalus**

"Type" ♀

416

1929 *Insects of Samoa*. Part I(2): 38

pin

SAMOA IS: Upolu I: Tuaefu 16.IX.1923 O. H. Swezey & G. F. Wilder

Both hindlegs missing distad of coxae, right midleg missing distad of coxa. This specimen bears a pink "Type" label. However, in the publication, Chopard designated 1 of 3 males from Upolu I: Malololelei as the holotype. No allotype was designated; thus this specimen is probably a paratype.

GENUS-GROUP INVENTORY

Anaxipha: brevipes 33; bryani 33; curtipennis 34

Aphonomorphus: surdus 34

Arachnocephalus: gracilis 35

Heterotrypus: chopardi 34

Leptogryllus: apicalis 33; cylindricus 34; deceptor 34

Liphoplus: nigripennis 34

Rhicnogryllus: flavipes 34; limbatus 34

Swezwilderia: bryani 33

Tahitina: mumfordi 34

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