

LIST OF SUGAR-CANE INSECTS

A synonymic Catalogue of the Sugar-cane Insects and Mites
of the World, and of their Insect Parasites and Predators,
arranged systematically.

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Cicadidae

<i>Cicada</i> (see <i>Tibicen</i>)		
<i>Mogannia</i>		
<i>hebes</i> , Wlk.	China, Ryukyu Is., Formosa	—
<i>Proarna</i>		
<i>germari</i> , Dist.	British Guiana	—
<i>Tibicen</i> (<i>Cicada</i>)		
sp.	Peru	—

Cixiidae

<i>Bothriocera</i>		
<i>undata</i> , F. (<i>venosa</i> , Fowl.)	Puerto Rico	—
<i>Dystheatias</i> (<i>Saccharias</i>)		
<i>deventeri</i> , Kirk.	Java	—
<i>Kirbyana</i>		
<i>pagana</i> , Mel.	China, Formosa	—
<i>Mnemosyne</i>		
<i>cubana</i> , Stål	Cuba	—
<i>Myndus crudus</i> , Van Duzee (see <i>Paramyndus</i>)		
<i>Oecleus</i>		
<i>pellucens</i> , Fowl.	Mexico (Sinaloa)†	—
<i>Oliarus</i>		
<i>basalis</i> , Leth.	Venezuela, Colombia, Peru	—
<i>complectus</i> , Ball (<i>cinereus</i> , Wolcott; <i>franciscanus</i> , auct. nec Stål)	Cuba, Puerto Rico	—
<i>concinulus</i> , Fowl. (probably)	Mexico (Sinaloa)†	—
<i>franciscanus</i> , auct. nec Stål (see <i>complectus</i> , Ball)		
<i>oryzae</i> , Mats.	Java, Formosa	—
<i>saccharicola</i> , Kirk.	Fiji	—
sp.	Trinidad	—
<i>Paramyndus</i>		
<i>cocoi</i> , Fennah	Trinidad	—
<i>crudus</i> , Van Duzee (<i>Myndus</i>)	Mexico†, Cuba	—
<i>Pintalia</i>		
sp.	Trinidad	—
<i>Saccharias</i> (see <i>Dystheatias</i>)		

Delphacidae

<i>Columbisoga</i>		
<i>sacchari</i> , Muir	Ecuador	—
<i>Delphacodes</i>		
<i>gluciophila</i> , Muir	Ecuador	—
<i>propinqua</i> , Fieb. (<i>Delphax</i>)	Japan, Formosa	—
<i>saccharicola</i> , Muir	Ecuador	—
<i>teapae</i> , Fowl. (<i>Liburnia</i>)	Puerto Rico	—
<i>vastatrix</i> , Bredd. (see <i>Perkinsiella</i>)		
<i>Delphax</i>		
<i>fumosa</i> , Mats. (see <i>Dicranotropis</i>)		
<i>furcifera</i> , How. (see <i>Sogata</i>)		
<i>graminicola</i> , Mats. (see <i>Liburnia</i>)		
<i>maidis</i> , Ashm. (see <i>Peregrinus</i>)		
<i>propinqua</i> , Fieb. (see <i>Delphacodes</i>)		
<i>saccharivora</i> , Westw. (see <i>Saccharosydne</i>)		
<i>Dicranotropis</i>		
<i>bipectinata</i> , Muir	Ecuador	—
<i>cubana</i> , Crwf. (see <i>Sogata</i>)		
<i>fumosa</i> , Mats. (<i>Delphax</i>)	Formosa	—
<i>fuscifrons</i> , Muir (<i>Perkinsiella</i>)	Amboina	—
<i>muiri</i> , Kirk.	China (Southern)	—
<i>pseudomaidis</i> , Kirk. (<i>Perkin-</i> <i>siella</i> , <i>Phacalastor</i>)	Queensland, Fiji	—
<i>saccharicida</i> , Perk. (see <i>Perkinsiella</i>)		
<i>vastatrix</i> , Bredd. (see <i>Perkinsiella</i>)		
2 spp.	Natal	—
<i>Eoecuryssa</i>		
<i>flavocapitata</i> , Muir	Malaya, China (Southern)	—

Delphacidae—continued

<i>Eumetopina</i>			
<i>caliginosa</i> , Muir	Amboina, Ceram, Toeal, Kai Is., Larat	—	
<i>flavipes</i> , Muir	Philippines, New Caledonia	—	
<i>krugeri</i> , Bredd.	Java	—	
<i>Liburnia</i>			
<i>graminicola</i> , Mats. (<i>Delphax</i>)	Formosa		
<i>oryzae</i> , Mats. (see <i>Nilaparvata</i>)			
<i>teapae</i> , Fowl. (see <i>Delphacodes</i>)			
<i>Megamelus flavolineatus</i> , Muir (see <i>Sogata cubana</i> , Crwf.)			
<i>Nilaparvata</i>			
<i>oryzae</i> , Mats. (<i>Liburnia</i>)	Japan, Formosa	—	
<i>wolcottii</i> , Muir & Giff.	Puerto Rico	—	
<i>Orchesma signata</i> , Dist. (see <i>Tropidocephala</i>)			
<i>Pentagramma</i>			
<i>bivittata</i> , Crwf.	Trinidad	—	
<i>Peregrinus</i>			
<i>maidis</i> , Ashm. (<i>Delphax</i>)	New Caledonia, Hawaii (immigrant), Bermuda, Mexico (Baja California), Cuba, Jamaica	Natural enemies are recorded for <i>Peregrinus maidis</i> only as a pest of maize	
<i>Perkinsiella</i>			
<i>amboinensis</i> , Muir	Amboina	—	
<i>bakeri</i> , Muir	Philippines	—	
<i>bicoloris</i> , Muir	British New Guinea	—	
<i>fuscifrons</i> , Muir (see <i>Dicranotropis</i>)			
<i>fuscipennis</i> , Muir	Philippines	—	
<i>lalokensis</i> , Muir	British New Guinea	—	
<i>lineata</i> , Muir	Philippines	—	
<i>pallidula</i> , Muir	Borneo	—	
<i>papuensis</i> , Muir	British New Guinea	—	
<i>pseudomaidis</i> , Kirk. (see <i>Dicranotropis</i>)			
<i>pseudosinensis</i> , Muir	Philippines	—	
<i>rattlei</i> , Muir	British New Guinea, New Caledonia	—	
<i>saccharicida</i> , Kirk. (<i>Delphax</i> , <i>Dicranotropis</i>)	Natal, Mauritius, Java, Queensland, Hawaii (accidental introduction from Queensland), For- mosa (accidental intro- duction from Hawaii)	<i>Agamopsyche</i> ; <i>Anagrus</i> , <i>Par-</i> <i>anagrus</i> (2), <i>Closterocerus</i> , <i>Ootetrastichus</i> (8), <i>Ectyro-</i> <i>delphax</i> , <i>Haplogonatopus</i> , <i>Pseudogonatopus</i> (2); <i>Ano-</i> <i>malochrysa</i> (4), <i>Chrysopa</i> ; <i>Pipunculus</i> (3); <i>Cyrtorhi-</i> <i>nus</i> ; <i>Conocephalus</i>	
<i>saccharivora</i> , Muir	Philippines	—	
<i>sinensis</i> , Kirk.	China (Southern)	—	
<i>thompsoni</i> , Muir	Java, Guam	<i>Paranagrus</i> , <i>Ootetrastichus</i>	
<i>variegata</i> , Muir	British New Guinea	—	
<i>vasatrix</i> , Bredd. (<i>Delpha-</i> <i>codes</i> , <i>Dicranotropis</i>)	Malaya, Java, Celebes, Am- boina, Ceram, New Gui- nea (Papua), Japan, For- mosa, Philippines	<i>Eomyzmar</i> , <i>Closterocerus</i> , <i>Oo-</i> <i>tetrastichus</i> (6)	
<i>vitiensis</i> , Kirk.	Samoa, Tonga Is., Fiji	<i>Elenchoides</i> ; <i>Anagrus</i> , <i>Para-</i> <i>nagrus</i> (2), <i>Ootetrastichus</i> (2), <i>Haplogonatopus</i> ; <i>Cyrtor-</i> <i>rhinus</i>	
“ <i>Perkinsiella</i> sp.” error (see <i>Sogata cubana</i> , Crwf.)	(Puerto Rico)		
<i>Phacalastor</i> (see <i>Dicranotropis</i>)			
<i>Saccharosydne</i>			
<i>saccharivora</i> , Westw. (<i>Del-</i> <i>phax</i> , <i>Stenocranus</i> ; “ <i>Aphis</i> <i>sacchari</i> ”)	U.S.A., Cuba, Jamaica, Haiti, Puerto Rico, Anti- gua, Guadeloupe, Gre- nada, Barbados, Trinidad, Venezuela	<i>Coleomegilla</i> , <i>Cycloneda</i> , <i>Psyl-</i> <i>lobora</i> , <i>Scymnus</i> , <i>Steno-</i> <i>cranophilus</i> ; <i>Anagrus</i> , <i>Oli-</i> <i>gosita</i> , <i>Pseudogonatopus</i> ; <i>Chrysopa</i> (4); <i>Cyrtorhinus</i>	
<i>Sogata</i>			
<i>cubana</i> , Crwf. (<i>Dicranotropis</i> ;	Puerto Rico	—	

Delphacidae—continued

Sogata—continued

Megamelus flavolineatus,
Muir; "*Perkinsiella* sp.")
furcifera, Horv. (*Delphax*)

Korea, Japan, Ryukyu Is.,
Formosa

Sparnia

praecellens, Stål

Ecuador

Stenocranus

agamopsyche, Kirk.

Philippines

pacificus, Kirk.

Fiji

sacchari, Mats. (see *Unkana*)

saccharivorus, Westw. (see *Saccharosydne*)

Tropidocephala

brunnipennis, Sign.

Formosa

sp. near *brunnipennis*, Sign.

New Caledonia

formosana, Mats.

Formosa

neogracilis, Muir

Borneo

saccharicola, Muir

Borneo

saccharivorella, Mats.

China (Southern), Formosa,
Philippines (Mindanao)

signata, Dist. (*Orchesma*)

Ceylon

Unkana

sacchari, Mats. (*Stenocranus*)

Formosa

Meenopliidae

Nisia

atrovenosa, Leth.

China, Japan, Ryukyu Is.,
Formosa

rubrofasciata, Dist. error (see *Phaciocephalus* (Derbidae))

Derbidae

Anotia

invalida, Fowl.

Mexico†, El Salvador†

Assamia (see *Proutista*)

Camma

dilatata, Westw. (*Diostrombus*)

Sierra Leone

Cedusa

albolineata, Fennah

Venezuela

inflata, Ball (*Lamenia*)

Dominican Rep.

Cobacella

rubescens, Fowl. (? *Otiocerus*)

Mexico (Veracruz)†

Diostrombus

carinosus, Westw.

India

dilatatus, Westw. (see *Camma*)

politus, Uhl.

Japan, Formosa

Eocenchrea

sp.

New Caledonia

Eosaccharissa (see *Kamendaka*)

Heronax

saccharivora, Kirk.

Queensland

Herpis

flavescens, Muir

Philippines

sp.

Cuba

Kamendaka

amboinensis, Muir

Amboina

australis, Muir

Queensland

muri, Metc. (*javana*, Muir
nec Kirk.)

Java

saccharivora, Mats. (*Nicer-
toides*)

Japan, Formosa

versicola, Muir

Amboina

sp.

Philippines

Kamendaka (subgen. *Eosaccharissa*)

javana, Kirk.

Java, Amboina

laratica, Muir

Larat

obscura, Muir

Larat

sordida, Muir

Java

Derbidae—continued

<i>Lamenia</i>		
<i>inflata</i> , Ball (see <i>Cedusa</i>)		
<i>uhleri</i> , Van Duzee nec Ball (see <i>Omolicina cubana</i> , Myers)		
<i>Mysidia</i>		
<i>nebulosa</i> , Wlk. (or sp. near)	Mexico†	—
<i>Neocenchrea</i>		
<i>bakeri</i> , McAtee	Mexico†	—
<i>palescens</i> , Metc.	Venezuela	—
<i>Nicertoides saccharivora</i> , Mats. (see <i>Kamendaka</i>)		
“ <i>Nisia</i> ” <i>rubrofasciata</i> , Dist. (see <i>Phaciocephalus</i>)		
<i>Omolicina</i>		
<i>brunnea</i> , McAtee	Mexico†, El Salvador†, Venezuela (?)	—
<i>cubana</i> , Myers (<i>Phaciocephalus</i> ; <i>Lamenia uhleri</i> , Van Duzee nec Ball)	Cuba	—
<i>nigripennis</i> , Caldwell	Mexico (Veracruz)†	—
<i>proxima</i> , Fennah	Venezuela	—
<i>texana</i> , Caldwell	Mexico (Puebla)†	—
sp.	Trinidad	—
<i>Otiocerus</i>		
<i>rubescens</i> , Fowl. (? <i>Otiocerus</i>) (see <i>Cobacella</i>)		
sp.	Cuba	—
<i>Patara</i>		
<i>poeciloptera</i> , Fennah	El Salvador†	—
<i>Persis</i>		
<i>foveatis</i> , Caldwell	Mexico†, El Salvador†	—
sp.	Venezuela	—
<i>Phaciocephalus</i>		
<i>cubanus</i> , Myers (see <i>Omolicina</i>)		
<i>rubrofasciatus</i> , Dist. (“ <i>Nisia</i> ”)	New Caledonia	—
2 spp.	New Caledonia	—
<i>Phenice</i> (see <i>Proutista</i>)		
<i>Proutista</i> (<i>Assamia</i> , <i>Phenice</i> , <i>Sardis</i>)		
<i>frutillarlis</i> , Boh.	Sierra Leone	—
<i>lumholtzi</i> , Kirk. (<i>maculosa</i> , Krug.)	Queensland	—
<i>moesta</i> , Westw.	Seychelles, India, Ceylon, Burma, Java, China, Formosa, Caroline Is., Philippines, Guam. Re- cords from Hawaii (as <i>Phenice moesta</i> , Westw.) are erroneous	—
<i>Pyrhoneura</i>		
<i>saccharicida</i> , Kirk.	Fiji	—
<i>Saccharodite</i>		
<i>sanguinea</i> , Kirk.	Java	—
<i>Sardis</i> (see <i>Proutista</i>)		
<i>Vekunta</i>		
<i>nigrolineata</i> , Muir	Formosa	—
<i>stigmata</i> , Mats.	Formosa	—

Dictyopharidae

<i>Anagnia splendens</i> , Germ. (see <i>Orthopagus</i>)	
<i>Dictyomorpha</i>	
<i>hectica</i> , Haupt (<i>Dictyophara</i>)	Philippines
<i>Dictyophara</i> (<i>Dictyophora</i>)	
<i>hectica</i> , Haupt (see <i>Dictyomorpha</i>)	
<i>pallida</i> , Don. Erroneous record.	(India)*

* Kirkaldy (1909) states that according to Distant (1906, Fauna Brit. India, Rhynch. Hom., 3, p. 244) the true *D. pallida* is found on sugar-cane. Distant's authority is Alcock (1900): "These insects . . . perch on the underside of the cane leaf. . . . The cane crop when infested gets stunted and damaged. . . ." Mr. Fennah has consulted the original and is satisfied that the insect figured is a *Pyrilla* and it could well be *aberrans* (see Lophopidae).

Dictyopharidae—continued

Dictyophara (Dictyophora)—continued

<i>patruelis</i> , Stål (<i>tengi</i> , Mats.)	Formosa	—
<i>sinica</i> , Wlk.	China, Japan, Ryukyu Is.	—
<i>tengi</i> , Mats. (see <i>patruelis</i> , Stål)		
<i>Dictyophora</i> (see <i>Dictyophara</i>)		
<i>Lappida</i>		
<i>nigrolineata</i> , Stål	Mexico (Puebla)†	—
<i>Nersia</i>		
<i>florens</i> , Stål	Mexico (Puebla, Veracruz)†	—
<i>Orthopagus</i>		
<i>helios</i> , Mel.	Formosa	—
<i>splendens</i> , Germ. (<i>Anagnia</i>)	Oceania	—
<i>Rhynchomitra</i>		
<i>mexicana</i> , Fennah	Mexico†	—
<i>Taosa</i>		
<i>herbida</i> , Wlk.	Mexico†	—

Achilidae

<i>Catonia</i>		
<i>intricata</i> , Uhl.	Dominican Rep.	—

Tropiduchidae

<i>Catullia</i>		
<i>subtestacea</i> , Stål	Philippines	—
<i>Tambinia</i>		
<i>debilis</i> , Mats. nec Stål	Formosa (<i>T. debilis</i> Stål is from Ceylon)	—

Nogodinidae

<i>Bladina</i>		
<i>fowleri</i> , Fennah	Mexico†, El Salvador†, Nicaragua (probably)† (R. B. Swain, 1952)	—
<i>fuscovenosa</i> , Stål	Venezuela	—
sp. (<i>Bledina</i>)	Ecuador	—
sp.	Venezuela	—

Acanaloniidae

<i>Acanalonia</i>		
<i>bivittata</i> , Say	Mexico	—

Issidae

<i>Fitchiella</i>		
sp.	Mexico (Puebla)†	—

Flatidae

<i>Cenestra</i>		
<i>affinis</i> , Atk. (<i>Flata</i>)	Java	<i>Parachrysocharis</i>
<i>Flata affinis</i> , Atk. (see <i>Cenestra</i>)		
<i>Flatormenis</i>		
<i>nefuscata</i> , Caldwell (<i>Ormenis infuscata</i> , Wolcott nec Stål)	Puerto Rico	—
<i>Geisha</i>		
<i>distinctissima</i> , Wlk.	China, Japan, Ryukyu Is., Formosa	—
<i>Melormenis</i>		
<i>antillarum</i> , Kirk.	Puerto Rico	—
Has been recorded as <i>Ormenis quadripunctata</i> , F.		
<i>Ormenis</i>		
<i>infuscata</i> , Wolcott nec Stål (see <i>Flatormenis nefuscata</i> , Caldwell)		
<i>quadripunctata</i> , F. error (see <i>Melormenis antillarum</i> , Kirk.)	(Puerto Rico)	—

Ricaniidae

<i>Ricania</i>			
<i>flabellum</i> , Noualhier	Formosa	—	
<i>proxima</i> , Mel.	Philippines	—	
<i>speculum</i> , Wlk.	Burma	—	
<i>taeniata</i> , Stål	China, Japan, Formosa, Philippines	—	

Lophopidae

<i>Astorga saccharicida</i> , Kirk. (see <i>Lophops</i>)			
<i>Brixioides carinatus</i> , Kirby (see <i>Lophops</i>)			
<i>Elasmoscelis</i>			
<i>cimicoides</i> , Spin.	Angola	—	
<i>platypoda</i> , Kirby	Burma	—	
<i>trimaculata</i> , Wlk.	Sierra Leone	—	
<i>Jivatma</i>			
<i>metallica</i> , Dist.	Burma	—	
<i>Kusuma</i>			
<i>carinata</i> , Dist.	India (Pusa)	—	
<i>Lophops</i>			
<i>carinatus</i> , Kirby (<i>Brixioides</i>)	Formosa, Philippines	—	
<i>saccharicida</i> , Kirk. (<i>Astorga</i>)	Queensland	—	
<i>servillei</i> , Spin. (?)	Sierra Leone	—	
<i>zebra</i> , Wlk.	Philippines	—	
<i>Microchoria aberrans</i> , Kirby (see <i>Pyrilla</i>)			
<i>Pyrilla</i>			
<i>aberrans</i> , Kirby (<i>Microchoria</i> , <i>Zamila</i>). Has been confused in the early literature with <i>Dictyophara pallida</i> (<i>Dictyopharidae</i>)	India, Ceylon	(See under <i>P. perpusilla</i>)	
<i>perpusilla</i> , Wlk.	India	<i>Brumus</i> , <i>Chilomenes</i> , <i>Coccinella</i> (2), <i>Pyrillozenos</i> ; <i>Epi-pyrops</i> ; <i>Tetrastichus</i> , <i>Ageniaspis</i> , <i>Cheiloneurus</i> , <i>Ooencyrtus</i> (2), <i>Chlorodryinus</i> , <i>Lestodryinus</i>	
<i>pusana</i> , Dist.	India	—	
<i>Virgilia</i>			
<i>luzonensis</i> , Baker	Philippines	—	
<i>Zamila aberrans</i> , Kirby (see <i>Pyrilla</i>)			

Cercopidae

<i>Abidama</i>			
<i>producta</i> , Wlk.	Burma	—	
<i>Aeneolamia (Tomaspis)</i>			
<i>flavilatera</i> , Ulrich			
<i>flavilatera</i> , Ulrich	British Guiana	<i>Oligosita</i> , <i>Centrodora</i> ; <i>Salpingogaster</i>	
<i>caripensis</i> , Fennah	Venezuela	—	
<i>lepidior</i> , Fowl.	Panama	<i>Anagrus</i>	
<i>postica</i> , Wlk.			
<i>postica</i> , Wlk.	Mexico	<i>Castolus</i>	
<i>campechiana</i> , Fennah	Mexico (Yucatan)	—	
<i>jugata</i> , Fowl.	British Honduras	—	
subsp.	Mexico†	—	
subsp.	El Salvador†	—	
<i>reducta montana</i> , Fennah	Venezuela (P. Fenjves, 1951)	—	
<i>varia</i> , F.			
<i>bodkini</i> , Williams	Venezuela† (F. Fernández Yépez)	—	
<i>campestris</i> , Fennah	Venezuela	—	
<i>carmodyi</i> , Kershaw	Tobago	<i>Oligosita</i> ; <i>Salpingogaster</i>	
<i>costata</i> , Fennah	Venezuela	—	
<i>deusta</i> , Fennah	Venezuela	—	
<i>fallax</i> , Fennah	Venezuela	—	
<i>lugens</i> , Fennah	Venezuela	—	
<i>pallidior</i> , Fennah	Venezuela	—	

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