

Taxonomy	Total species	Micronesian endemics		Guam endemics		
		No. species	%	No. species	endemics	%
Hemiptera						
surface insects → Mesoveliidae	3	2	66	2	1	50
Gerridae - water strider	9	4	44	5	1	20
Veliidae - surface insects	9	4	44	3	1	33
Saldidae	3	2	66	3	1	33
backswimmer → Notonectidae	3	1?	33?	2	1?	50?
Pleidae	1	0	0	0	0	.
Lepidoptera						
moths → Pyralidae	3	3	100	1	1	100
Trichoptera						
addis flies → unknown	2	?	?	0	0	.
Ephemeroptera						
Baetidae	2	2?	100?	2?	2?	100?
Odonata						
Platystictidae	1	1	100	0	0	.
dragonfly → Coenagrionidae	11	8	73	2	0	0
Aeshnidae	3	1	33	3	1	33
Corduliidae	4	3	75	1	0	0
Libellulidae	16	4	25	6	0	0
Diptera						
Culicidae	49	28	57	22	7	32
blackflies → Simuliidae - list water	3	3	100	2	1	50
midges → Chironomidae	98	77	79	16	4	25
Syrphidae	1	1	100	1	1	100
no sea em → Ceratopodonidae	145	131	90	24	4	17
Psychodidae	29	20	69	4	0	0
gnats → Tipulidae	63	44	70	15	4	27
Coleoptera						
Dytiscidae - diving beetles	10	6?	60	4	0	0
scuba beetles → Hydrophilidae	8	6?	75?	1	0	0
Noteridae	1	1?	100?	0	0	.

Summary by order

Coleoptera	19	13	68	5	0	0
Diptera	388	304	78	84	21	25
Odonata	35	17	49	12	1	8
Ephemeroptera	2	2?	100?	2	2	100
Trichoptera	2	2?	100?	0	0	.
Lepidoptera	3	3	100	1	1	100
Hemiptera	28	13	46	15	5	33

Species	Aquatic insects of Guam Distribution	Habitat	Ref.
HEMIPTERA			
Mesoveliidae			
<i>Mesovelia orientalis</i> Kirkaldy	Asia, Melanesia, Guam	swamps,	Usinger1946
<i>Mesovelia</i> sp.	Yap	vegetated pools	S&N, 1989
<i>Mesovelia pacifica</i> Usinger	Guam	Stream ?Mt. Chachao	Usinger1946
Gerridae			
<i>Limnogonus fossarum</i> (Fabricius)	Asia, Melanesia, Guam Yap Saipan	swamps stream pool, still water still water	Usinger1946 S&N, 1989 Esaki, 1937
<i>Limnogonus luctuosus</i> (Montrouzier)	Pacific Islands, Guam Yap Palau	swamps ponds, vegetated pools ditches	Usinger1946 S&N, 1989 Esaki, 1937
<i>Limnogonus lundbladi</i> Usinger	Guam	mountain streams	Usinger1946
<i>Limnogonus</i> ?nr. <i>lundbladi</i>	Yap	streams	S&N, 1989
<i>Limnometra</i> sp.	unknown, Guam	pond	UOG
<i>Limnometra pulchra</i> Mayr	Indopacific, Palau, Yap	streams	Esaki, 1937 S&N, 1989
<i>Limnometra palauana</i> Esaki	Palau, Chuuk		
<i>Halobates mariannarum</i> Esaki	Micronesian at least	marine near shore	Usinger1946
<i>Halobates princeps</i> B. White	Palau	marine	Esaki, 1937
Veliidae			
<i>Microvelia douglasi</i> Scott	Asia, Pacific	Swamp, stream ?	Usinger1946
<i>Microvelia diluta</i> Distant	Asia, Marianas	Streams	Usinger1946
<i>Microvelia notophora</i> Esaki	Palau	Streams	Esaki, 1937
Velid sp. 1	Yap	flowing water	S&N, 1989
Velid sp. 2	Yap	flowing and still water	S&N, 1989
<i>Halovelia marianarum</i> Usinger	Guam	marine near shore	Usinger1946
<i>Halovelia amphibia</i> Bergroth	Palau, New Guinea	marine	Esaki, 1937
<i>Halovelia bergrothi</i> Esaki	Palau, Rota, New Guinea	marine	Esaki, 1937
<i>Rhagadotarsus kraepelini</i> Breddin	Asia, Palau	Ngardok lake	Esaki, 1937
Saldidae			
<i>Salduncula swezeyi</i> (Usinger)	Australia, Marianas	Intertidal	Drake 1961
<i>Saldula marianarum</i> Usinger	Guam, Palau	Agana swamp, wet moss	Drake 1961
<i>Saldula guamensis</i> Drake & Hottes	Guam	Stream ?Mt. Chachao	Drake 1961
Notonectidae			
<i>Anisops ?cleopatra</i> Distant	Pacific, Guam is distinct	Mt. Chachao	Usinger1946
<i>Anisops nasuta</i> Fieber	Indopacific, Australia	puddles	Usinger1946
<i>Anisops tahitiensis</i> Lundblad	Pacific, Yap only	paddies, puddles	S&N, 1989
Pleidae			
<i>Plea liturata</i> Fieber	Yap	paddies	S&N, 1989
LEPIDOPTERA			
Pyralidae			
<i>Eoophyla</i> sp. 1	Guam	waterfalls	UOG
<i>Eoophyla</i> sp. 2	Kosrae	streams	UOG
<i>Eoophyla</i> sp. 3	Pohnpei	streams	UOG
TRICHOPTERA			
2 species	Yap	streams	UOG

EPHEMEROPTERA

Baetidae

<i>Cloeon</i>	Guam	streams	Ellis-Neill 1987
<i>Pseudocloeon</i>	Guam	streams	Ellis-Neill 1987

ODONATA

Platystictidae

<i>Drepanosticta palauensis</i> Lieftinck	Palau		Lieftinck 1962
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Coenagrionidae

<i>Teinobasis palauensis</i> Lieftinck	Palau	Streams	Lieftinck 1962
<i>Teinobasis carolinensis</i> Lieftinck	Truk		Lieftinck 1962
<i>Teinobasis ponapensis</i> Lieftinck	Ponape		Lieftinck 1962
<i>Teinobasis fortis</i> Lieftinck	Ponape	Streams	Lieftinck 1962
<i>Teinobasis nigrolutea</i> Lieftinck	Ponape		Lieftinck 1962
<i>Teinobasis ariel</i> Lieftinck	Ponape	Streams, Pandanus	Lieftinck 1962
<i>Teinobasis aerides</i> Lieftinck	Ponape		Lieftinck 1962
<i>Pseudagrion palauense</i> Lieftinck	Palau		Lieftinck 1962
<i>Ischnura aurora</i> (Brauer)	Asia, Pacific, Micronesia		Lieftinck 1962
<i>Ischnura torresiana</i> Tillyard	Melanesia, Palau	Streams, ponds	S&N 1989
<i>Agriocnemis femina</i> Brauer	Asia, Mariana, W Caroline		Lieftinck 1962
		Streams, ponds	Lieftinck 1962
			S&N 1989

Aeshnidae

<i>Anaciaeschna jaspidea</i> (Burmeister)	Asia, Pacific, M. Is. , W C.		Lieftinck 1962
		vegetated pools	S&N 1989
<i>Anax guttatus</i> (Burmeister)	Pacific, Micronesia		Lieftinck 1962
	Yap	vegetated pools	S&N 1989
<i>Anax piraticus</i> Kennedy	Marianas		Lieftinck 1962
		Lakes	

Corduliidae

<i>Hemicordulia mindana</i> Needham & Gyger	Philippines, Guam		Lieftinck 1962
<i>Hemicordulia lulico</i> Asahina	Palau, Yap		Lieftinck 1962
<i>Hemicordulia haluco</i> Asahina	Ponape		Lieftinck 1962
<i>Hemicordulia erico</i> Asahina	Kusaie		Lieftinck 1962

Libellulidae

<i>Pacificothemis esakii</i> Asahina	Ponape		Lieftinck 1962
<i>Agrionoptera insignis</i> Lieftinck*	Asia, Yap, Marianas		Lieftinck 1962
<i>Agrionoptera cardinalis</i> Lieftinck	Palau		Lieftinck 1962
<i>Agrionoptera sanguinolenta</i> Lieftinck	Central Carolines		Lieftinck 1962
<i>Orthetrum sabina</i> (Drury)	Asia, Pacific, Tobi		Lieftinck 1962
<i>Neurothemis terminata</i> Ris.	S. E. Asia, Palau, Yap		Lieftinck 1962
		vegetated pools	S&N 1989
<i>Diplacodes trivialis</i> (Rambur)	Asia, Pacific, Tobi		Lieftinck 1962
<i>Diplacodes bipunctata</i> (Brauer)	Asia, Pacific, Micronesia		Lieftinck 1962
		vegetated pools	S&N 1989
<i>Zyxomma petiolatum</i> Rambur	Asia, Melanesia, Palau		Lieftinck 1962
<i>Tholymis tillarga</i> (Fabricius)	Old world, Micronesia		Lieftinck 1962
		vegetated pools	S&N 1989
<i>Pantala flavescens</i> (Fabricius)	Cosmopolitan, Micronesia		Lieftinck 1962
		pools, inc. temporary	S&N 1989
<i>Rhyothemis phyllis</i> Brauer	Guam, Palau, Yap		Lieftinck 1962
<i>Rhyothemis regia</i> (Brauer)	Samoa, Pagan, Saipan		Lieftinck 1962

<i>Tramea loewi</i> Brauer	Asia, Melanesia, Yap		Lieftinck 1962
<i>Tramea transmarina</i> Brauer	Asia, Melanesia, Micronesia		Lieftinck 1962
		vegetated pools	S&N 1989
<i>Macrodiplax cora</i> (Brauer)	Asia, Pacific, S, P, Y		Lieftinck 1962

DIPTERA

Culicidae

<i>Anopheles subpictus</i> (Ludlow)	Philippines, Guam	pools, containers	Bohart 1956
<i>Anopheles barbirostris</i> Van der Wulp	Asia, Guam	pools with vegetation	Ward 1984
<i>Anopheles indefinitus</i> (Ludlow)	Asia, Guam	fresh & saline pools	Ward 1984
<i>Anopheles litoralis</i> King	Philippines, Guam	saline pools	Ward 1984
<i>Anopheles vagus</i> Donitz	Asia, Guam	pools, swamps	Ward 1984
<i>Mansonia crassipes</i> (van der Wulp)	Asia, Melanesia, Palau, Yap	roots of water plants	Bohart 1956
<i>Mansonia uniformis</i> (Theobald)	Guam	roots of water plants	Ward 1984
<i>Aedeomyia catasticta</i> Knab	Asia, Melanesia, Palau, Yap Guam	grassy banks of coastal lagoons	Bohart 1956 Ward 1984
<i>Armigeres subalbatus</i> (Coquillett)	Asia, Guam		Ward 1984
<i>Aedes lewelleni</i> Starkey and Webb	Palau	Pandanus axils	Bohart 1956
<i>Aedes gressitti</i> Bohart	Palau		Bohart 1956
<i>Aedes hui</i> Bohart	Palau	taro axils	Bohart 1956
<i>Aedes dorseyi</i> Knight	Palau	tree holes	Bohart 1956
<i>Aedes pandani</i> Stone	Guam	Pandanus, taro axils	Bohart 1956
<i>Aedes neopandani</i> Bohart	Guam, Saipan, Tinian	Pandanus, taro axils	Bohart 1956
<i>Aedes saipanensis</i> Stone	Guam Saipan, Tinian	Pandanus, taro axils tree holes	Bohart 1956 Ward 1984
<i>Aedes rotanus</i> Bohart and Ingram	Guam, Rota	Pandanus, taro axils tree holes, containers	Bohart 1956 Ward 1984
<i>Aedes agrihanensis</i> Bohart	Agrihan	tree holes	Bohart 1956
<i>Aedes maehleri</i> Bohart	Yap	pitcher plants	Bohart 1956
<i>Aedes aegypti</i> (Linnaeus)	Micronesia, Cosmopolitan not Guam	containers	Bohart 1956 Ward 1984
<i>Aedes scutoscriptus</i> Bohart & Ingram	Truk	tree holes, containers	Bohart 1956
<i>Aedes hakanssoni</i> Knight & Hurlbut	Ponape	tree holes, containers	Bohart 1956
<i>Aedes scutellaris</i> (Walker)	Asia, Melanesia, Palau	tree holes, containers	Bohart 1956
<i>Aedes hensilli</i> Farner	W. Caroline, Truk	tree holes, containers	Bohart 1956
<i>Aedes marshallensis</i> Stone & Bohart	Pingelap, Kusaie, Marshall	tree holes, containers	Bohart 1956
<i>Aedes palauensis</i> Bohart	Palau	axils, holes, containers	Bohart 1956
<i>Aedes dybasi</i> Bohart	Palau	pitcher plants, taro	Bohart 1956
<i>Aedes guamensis</i> Farner & Bohart	Marianas	tree holes, containers	Bohart 1956
<i>Aedes albopictus</i> (Skuse)	Asia, Mariana	tree holes, containers	Bohart 1956
<i>Aedes vexans</i> (Theobald)	Asia, Melanesia, Micronesia	pools, containers	Bohart 1956
<i>Aedes oakleyi</i> Stone	Marianas	tree holes, containers	Bohart 1956
<i>Aedes senyavinensis</i> Knight & Hurlbut	Ponape	palm axils, containers	Bohart 1956
<i>Aedes trukensis</i> Bohart	Truk		Bohart 1956
<i>Aedes lamelliferus</i> Bohart & Ingram	Palau, Truk, Ponape	palm axils, tree holes	Bohart 1956
<i>Aedes pipkini</i> Bohart	W. Caroline		Bohart 1956
<i>Culex carolinensis</i> Bohart & Ingram	Truk	tree holes, containers	Bohart 1956
<i>Culex gossi</i> Bohart	Yap		Bohart 1956
		swamps, marshes	N&S, 1989
<i>Culex kusaiensis</i> Bohart	Kusaie	swiftlet cave water	Bohart 1956
<i>Culex</i> sp.	Palau	Pandanus axils	Bohart 1956
<i>Culex nigropunctatus</i> Edwards	Asia, W. Caroline	grassy pools	Bohart 1956
<i>Culex maplei</i> Knight & Hurlbut	Ponape	leaf axils, containers	Bohart 1956
<i>Culex fuscianus</i> Wiedemann	Asia, Palau, Yap	pools, predatory on	Bohart 1956

<i>Culex fuscacephalus</i> Theobald	Guam	other mosquitoes	Ward 1984
<i>Culex quinquefasciatus</i> Say	Asia, Guam	pools, swamps	Ward 1984
<i>Culex litoralis</i> Bohart	Cosmopolitan, Micronesia	polluted pools	Bohart 1956
<i>Culex annulirostris</i> Skuse	Marianas	saline pools	Bohart 1956
<i>Culex sitiens</i> Wiedemann	Asia, Carolines, Marianas	pools, containers	Bohart 1956
<i>Culex tritaeniorhynchus</i> Giles	Asia, Guam, Yap, Truk	saline pools	Bohart 1956
<i>Culex bitaeniorhynchus</i> Giles	Old World, Guam	pools, containers	Bohart 1956
	Old World, Palau	pools, slow streams	Bohart 1956
Simuliidae			
<i>Simulium trukense</i> Stone	Guam, Truk	riffles in streams	Stone 1964
<i>Simulium palauense</i> Stone	Palau	riffles in streams	Stone 1964
<i>Simulium guamense</i> Stone	Guam	riffles in streams	Stone 1964
Chironomidae			
<i>Clinotanypus guamensis</i> Tokunaga	Guam		Tokunaga 1964
<i>Pentaneura ponapensis</i> Tokunaga	Ponape, Kusaie		Tokunaga 1964
<i>Pentaneura ignobilis</i> Johannsen	Kusaie, Sumatra		Tokunaga 1964
<i>Pentaneura delosa</i> Johannsen	Carolines, Sumatra		Tokunaga 1964
<i>Pentaneura carolinensis</i> Tokunaga	Guam, Palau, Ponape, Yap		Tokunaga 1964
<i>Pentaneura monilis</i> (Linnaeus)	Cosmopolitan, Truk		Tokunaga 1964
<i>Anatopynia elongata</i> Tokunaga	Guam, Palau, Yap, Truk		Tokunaga 1964
<i>Metriocnemus flavellus</i> Tokunaga	Ponape, Kusaie		Tokunaga 1964
<i>Metriocnemus calggi</i> Tokunaga	Palau, Yap		Tokunaga 1964
<i>Metriocnemus adjecta</i> Tokunaga	Carolines		Tokunaga 1964
<i>Cricotopus gressitti</i> Tokunaga	Ponape		Tokunaga 1964
<i>Cricotopus sabroskyi</i> Tokunaga	Palau		Tokunaga 1964
<i>Cricotopus</i> sp. No. 1	Marshall Is.		Tokunaga 1964
<i>Orthocladus</i> sp. No. 1	Palau		Tokunaga 1964
<i>Nanocladus</i> sp. No. 1	Palau		Tokunaga 1964
<i>Smittia brevicornis</i> Tokunaga	Palau, Yap		Tokunaga 1964
<i>Smittia setiforceps</i> Tokunaga	Palau		Tokunaga 1964
<i>Smittia palauensis</i> Tokunaga	Palau		Tokunaga 1964
<i>Smittia dupla</i> Tokunaga	Palau, Marshall Is.		Tokunaga 1964
<i>Smittia kraussi</i> Tokunaga	W. Carolines		Tokunaga 1964
<i>Smittia triangula</i> Tokunaga	Palau, Marshall Is.		Tokunaga 1964
<i>Smittia yapensis</i> Tokunaga	Yap, Truk, Marshall Is.		Tokunaga 1964
<i>Smittia micronesiana</i> Tokunaga	Palau, Truk, Marshall Is.		Tokunaga 1964
<i>Smittia zonata</i> Tokunaga	Rota, Carolines		Tokunaga 1964
<i>Smittia insulsa</i> Johannsen	Saipan, Tinian, Palau		Tokunaga 1964
<i>Smittia tuberculifera</i> Tokunaga	Guam, Carolines	Marine?	Tokunaga 1964
<i>Smittia guamensis</i> Tokunaga	Guam		Tokunaga 1964
<i>Smittia bicinctura</i> Tokunaga	Palau		Tokunaga 1964
<i>Smittia postcinctura</i> Tokunaga	Palau		Tokunaga 1964
<i>Smittia fusivenosa</i> Tokunaga	Truk		Tokunaga 1964
<i>Smittia</i> sp. No. 1	Palau		Tokunaga 1964
<i>Smittia</i> sp. No. 2	Palau		Tokunaga 1964
<i>Clunio pacificus</i> Edwards	Rota, Palau, Asia, Pacific	Marine	Tokunaga 1964
<i>Clunio tuthilli</i> Tokunaga	Marshall	Marine	Tokunaga 1964
<i>Thalassomyia maritima</i> Wirth	Asia, Pacific, Micronesia	Marine	Tokunaga 1964
<i>Thalassomyia sabroskyi</i> Tokunaga	Palau, Yap	Marine	Tokunaga 1964
<i>Telmatogeton pusillum</i> Edwards	Saipan, Marquesas	Marine?	Tokunaga 1964
<i>Chironomus pallidinubeculosus</i> Tokunaga	Palau		Tokunaga 1964
<i>Chironomus longilobus</i> Kieffer	Taiwan, Marianas, P, Y, T		Tokunaga 1964
<i>Chironomus crassiforceps</i> Kieffer	Taiwan, Micronesia		Tokunaga 1964

<i>Chironomus crassicaudus</i> Tokunaga	Marianas, W. Carolines		Tokunaga 1964
<i>Chironomus bicoloris</i> Tokunaga	W. Carolines		Tokunaga 1964
<i>Chironomus plumatisetigerus</i> Tokunaga	Guam, W. Carolines		Tokunaga 1964
<i>Chironomus trifasciatus</i> Tokunaga	Ponape		Tokunaga 1964
<i>Chironomus praeapicalis</i> Tokunaga	Palau, Yap, Ponape		Tokunaga 1964
<i>Chironomus claggi</i> Tokunaga	Guam, Ponape, Wake I.		Tokunaga 1964
<i>Chironomus carolinense</i> Tokunaga	Ponape, Palau		Tokunaga 1964
<i>Chironomus nigerilateralis</i> Tokunaga	Ponape		Tokunaga 1964
<i>Chironomus javanus</i> Kieffer	Java, P., Y., T., Marshalls.		Tokunaga 1964
<i>Chironomus samoensis</i> Edwards	Java, Pacific, Micronesia		Tokunaga 1964
<i>Chironomus sexipunctatus</i> Tokunaga	Guam		Tokunaga 1964
<i>Chironomus</i> sp. No. 1	Palau		Tokunaga 1964
<i>Chironomus</i> sp. No. 2	Guam		Tokunaga 1964
<i>Chironomus</i> sp. No. 3	Saipan		Tokunaga 1964
<i>Chironomus</i> sp. No. 4	Palau		Tokunaga 1964
<i>Chironomus palauensis</i> Tokunaga	Palau		Tokunaga 1964
<i>Chironomus tenuicaudus</i> Tokunaga	Yap		Tokunaga 1964
<i>Chironomus javae</i> (Kieffer)	Java, Palau, Yap		Tokunaga 1964
<i>Chironomus ponapensis</i> Tokunaga	Ponape		Tokunaga 1964
<i>Stenochironomus sabroskyi</i> Tokunaga	Palau		Tokunaga 1964
<i>Stictochironomus townesi</i> Tokunaga	Kusaie		Tokunaga 1964
<i>Phaenopsectra gressitti</i> Tokunaga	Guam, Kusaie, Yap, Marshall		Tokunaga 1964
<i>Polypedilum concomitatus</i> (Johannsen)	Java, Palau		Tokunaga 1964
<i>Polypedilum albiceps</i> (Johannsen)	Java, Bali, Palau-		Tokunaga 1964
<i>Polypedilum perturbans</i> (Johannsen)	Guam, Sumatra		Tokunaga 1964
<i>Polypedilum ponapensis</i> Tokunaga	Ponape		Tokunaga 1964
<i>Polypedilum insulanus</i> Tokunaga	Truk		Tokunaga 1964
<i>Polypedilum dybasi</i> Tokunaga	Palau, Yap, Ponape, Kusaie		Tokunaga 1964
<i>Polypedilum medivittatus</i> Tokunaga	Guam, Palau, Yap, Ponape		Tokunaga 1964
<i>Polypedilum nigribasalis</i> Tokunaga	Palau, Yap, Ponape		Tokunaga 1964
<i>Polypedilum longilobatus</i> Tokunaga	Truk		Tokunaga 1964
<i>Polypedilum spadix</i> Tokunaga	Palau, Yap		Tokunaga 1964
<i>Polypedilum albicarpus</i> Tokunaga	Palau		Tokunaga 1964
<i>Polypedilum yapensis</i> tokunaga	Palau, Yap		Tokunaga 1964
<i>Polypedilum convexum</i> (Johannsen)	Sumatra, Palau, Ponape		Tokunaga 1964
<i>Polypedilum nodosum</i> (Johannsen)	Sumatra, Java, S, P, Y, T		Tokunaga 1964
<i>Polypedilum esakii</i> (Tokunaga)	Guam, Kusaie		Tokunaga 1964
<i>Polypedilum .elongatus</i> Tokunaga	Truk		Tokunaga 1964
<i>Polypedilum palauensis</i> Tokunaga	Palau		Tokunaga 1964
<i>Polypedilum trukensis</i> (Tokunaga)	Palau, Truk		Tokunaga 1964
<i>Tanytarsus ovatus</i> Johannsen	Palau, Java		Tokunaga 1964
<i>Tanytarsus boninensis</i> Tokunaga	Guam, Bonins		Tokunaga 1964
<i>Tanytarsus lamnicaudus</i> Tokunaga	Palau, Yap, Truk, Kusaie	Marine??	Tokunaga 1964
<i>Tanytarsus dybasi</i> Tokunaga	Saipan, Rota, Carolines	Marine?	Tokunaga 1964
<i>Tanytarsus halophilae</i> Edwards	Samoa, S, Caroline, Marshall	Marine	Tokunaga 1964
<i>Tanytarsus ponapensis</i> Tokunaga	Palau, Truk, Ponape		Tokunaga 1964
<i>Tanytarsus simplex</i> Tokunaga	Palau, Ponape	Marine??	Tokunaga 1964
<i>Tanytarsus pelagicus</i> Tokunaga	Japan, Palau	Marine	Tokunaga 1964
<i>Tanytarsus insulicolus</i> Tokunaga	Guam, Palau		Tokunaga 1964
<i>Tanytarsus magnihamatus</i> Tokunaga	Japan, G, P, Y, T, Marshalls	Marine	Tokunaga 1964
<i>Tanytarsus maritimus</i> Edwards	Samoa, Palau, Atolls, Truk	Marine	Tokunaga 1964

<i>Tanytarsus latiforceps</i> Tokunaga	Palau	Marine?	Tokunaga 1964
<i>Tanytarsus brachyurus</i> Tokunaga	Palau	Marine?	Tokunaga 1964
<i>Tanytarsus tricuspis</i> Tokunaga	Palau		Tokunaga 1964
<i>Tanytarsus esakii</i> Tokunaga	Carolines, Marshalls	Marine?	Tokunaga 1964
<i>Tanytarsus emarginatus</i> Tokunaga	Palau		Tokunaga 1964
<i>Tanytarsus gressitti</i> Tokunaga	Yap, Palau		Tokunaga 1964
<i>Pontomyia oceana</i> Tokunaga	Palau	Marine?	Tokunaga 1964
Syrphidae			
<i>Eristalis calliphoroidea</i> Shiraki	Micronesia	polluted water	Shiraki 1963

Ceratopogonidae biting midges, punkies, no-see-ums, sand flies on Guam (Tokunaga and Murachi 1959) There are 147 species in Micronesia, of which 37 are found in the major islands of the Marianas. Larval habitats are classified as aquatic or semiaquatic. They are found in sand, mud, decaying vegetation, tree holes, and the intertidal zone. Larval habits of Micronesian species are not known. Some adults bite man or other animals including insects.

Psychodidae Drain or moth flies (Quate 1959). There are 34 species in Micronesia, of which 7 are found in the major islands of the Marianas. Larvae occur in water, mud, moss, decaying vegetable matter. On Guam at least one species is found in drains in houses.

Tipulidae -Crane flies (Alexander 1972) There are 69 species in Micronesia, of which 16 are found in the major islands of the Marianas. Larval habitats are classified as aquatic or semiaquatic. They feed on decaying vegetation for the most part but a few consume living plants. A few are predacious.

COLEOPTERA

Dytiscidae

<i>Cybister tripunctatus</i> (Olivier)	Guam, Yap, etc.	pools, marsh	Swezey, 1942
<i>Eretes sticticus</i> (L.)	Guam, pantropical	swamps, wallows	Swezey, 1942
<i>Rhantus pulverosus</i> Stephens	Guam, Cosmopolitan	pools	Swezey, 1942
<i>Bidessus gentilis</i> Sharp	Ceylon, Guam	swamp	Swezey, 1942
<i>Hydaticus</i> sp.	Yap	ponds, vegetated pools	S&N, 1989
<i>Hydrovatus</i> sp.	Yap	ponds	S&N, 1989
<i>Copelatus</i> sp. 1	Yap	streams, taro patches	S&N, 1989
<i>Copelatus</i> sp. 2	Yap	streams	S&N, 1989
? <i>Uvarus</i> sp.	Yap		Smithsonian
? <i>Hydroglyphus</i> sp.	Yap		Smithsonian

Hydrophilidae

<i>Helochares</i> sp. 1	Yap	streams, taro patches	S&N, 1989
<i>Helochares</i> sp. 2	Yap	marsh, taro patches	S&N, 1989
<i>Enochrus esuriens</i>	Yap	stream, vegetated pools	S&N, 1989
<i>Enochrus rubrocinctus</i> (Regimbart)	Asia, Pacific, Guam	swamp	Swezey, 1942
<i>Enochrus</i> sp. 1	Yap	vegetated pools	S&N, 1989
<i>Enochrus</i> sp. 2	Yap	stream, vegetated pools	S&N, 1989
<i>Cercyon</i> sp.	Yap	taro patches	S&N, 1989
<i>Dactylosternum</i> sp.	Yap	streams,	S&N, 1989

Noteridae

<i>Hydrocoptus</i> sp.	Yap	vegetated pools	S&N, 1989
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