

APPENDIX G. Parasite taxa detected in each fish host species, with natural history information for each parasite taxon. Background information on each parasite includes taxonomy of the parasite, its life stage, and identities of the hosts of other life stages of that parasite taxon, where known. On the right of the table are the categories used in meta-analysis, including broad taxonomic grouping (Crustacea, Monogenea, Trematoda, Nematoda, Cestoda, Acanthocephala), transmission strategy (direct or trophic), host specificity ranking (1–6, with 1 indicating high specialization), and host fishing status (fished or unfished). Host specificity is ranked from 1 to 6 based on Sasal et al. 1998 and Jones et al. 2007. Host specificity of adult cymothoid isopods is too divergent within the family to accurately summarize in a host specificity ranking (Brusca 1981). For hosts of other life stages: 1IH = first intermediate host, 2IH = second intermediate host, DH = definitive host, PH = paratenic host, a transport host that is not developmentally required, none = parasite is directly transmitted and therefore parasitic in only one life stage, focal host = host species listed in first column.

Host species	Parasite taxon	Background			Groupings for meta-analysis			
		parasite taxonomy	life stage in focal host	hosts of other life stages	taxonomic	transmission strategy	host specificity ranking	host fishing status
<i>Cephalopholis argus</i>	Caligidae sp.	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Siphonostomatoidea Family Caligidae	adult larval	none	Crustacea	direct	3	fished
<i>Cephalopholis argus</i>	<i>Sagum epinepheli</i>	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Caligidea Family Anthosomatidae Genus <i>Sagum</i> Species <i>epinepheli</i>	adult juvenile	none	Crustacea	direct	3	fished
<i>Cephalopholis argus</i>	Gnathiid sp.	Subphylum Crustacea Class Malacostraca Superorder Peracarida Order Isopoda Suborder Gnathiidea Family Gnathiidae	larval	none	Crustacea	direct	6	fished
<i>Cephalopholis argus</i>	<i>Eurydice</i> sp.	Subphylum Crustacea Class Malacostraca Superorder Peracarida Order Isopoda Suborder Flabellifera Family Cirolanidae Genus <i>Eurydice</i>	unknown	none	Crustacea	direct	unknown	fished

Host species	Parasite taxon	Background			Groupings for meta-analysis			
		parasite taxonomy	life stage in focal host	hosts of other life stages	taxonomic	transmission strategy	host specificity ranking	host fishing status
<i>Cephalopholis argus</i>	Capsalid sp.	Phylum Platyhelminthes Class Monogenea Order Monopisthocotylea Family Capsalidae	adult	none	Monogenea	direct	1	fished
<i>Cephalopholis argus</i>	gill metacercariae	Phylum Platyhelminthes Class Trematoda Subclass Digenea	larval (metacercaria)	1IH = gastropod 2IH = focal host DH = vertebrate	Trematoda	trophic	4	fished
<i>Cephalopholis argus</i>	muscle metacercariae	Phylum Platyhelminthes Class Trematoda Subclass Digenea	larval (metacercaria)	1IH = gastropod 2IH = focal host DH = vertebrate	Trematoda	trophic	4	fished
<i>Cephalopholis argus</i>	<i>Proisorhynchus</i> sp.	Phylum Platyhelminthes Class Trematoda Subclass Digenea Order Strigeiformes Family Bucephalidae Genus <i>Proisorhynchus</i>	adult	1IH = lamellibranch bivalve 2IH = fish	Trematoda	trophic	4	fished
<i>Cephalopholis argus</i>	Phyllobothriid sp.	Phylum Platyhelminthes Class Cestoda Cohort Cestoidea Infracohort Saccouterina Order Tetraphyllidea Family Phyllobothriidae	larval (plerocercoid)	1IH = copepod 2IH = focal host PH = predatory fish DH = elasmobranch	Cestoda	trophic	2	fished
<i>Cephalopholis argus</i>	Trypanorhynch sp.	Phylum Platyhelminthes Class Cestoda Cohort Cestoidea Infracohort Saccouterina Order Trypanorhyncha	larval (plerocercoid)	1IH = copepod 2IH = focal host PH = predatory fish DH = elasmobranch	Cestoda	trophic	2	fished
<i>Cephalopholis argus</i>	<i>Spirocamallanus monotaxis</i>	Phylum Nematoda Class Chromadorea Order Rhabditida Suborder Spirurina Infraorder Spiruromorpha Superfamily Camallanoidea Family Camallanidae Genus <i>Spirocamallanus</i> Species <i>monotaxis</i>	adult	1IH = copepod or amphipod 2IH = zooplanktivorous fish or invertebrate DH = focal host	Nematoda	trophic	5	fished
<i>Cephalopholis argus</i>	Cucullanid sp.	Phylum Nematoda Class Chromadorea Order Rhabditida Suborder Spirurina Infraorder Ascaridomorpha Family Cucullanidae	adult	1IH = copepod or amphipod 2IH = zooplanktivorous invertebrate DH = focal host	Nematoda	trophic	5	fished

	Parasite taxon	Background			Groupings for meta-analysis			
Host species		parasite taxonomy	life stage in focal host	hosts of other life stages	taxonomic	transmission strategy	host specificity ranking	host fishing status
<i>Cephalopholis argus</i>	larval nematodes	Phylum Nematoda Class Chromadorea Order Rhabditida Suborder Spirurina? Infraorder Ascaridomorpha? Family Anisakidae?	encysted larva	1IH = copepod or amphipod 2IH = zooplanktivorous fish PH = focal host DH = marine mammal, predatory fish, or bird	Nematoda	trophic	5	fished
<i>Cephalopholis argus</i>	Acanthocephalan sp.	Phylum Acanthocephala	adult	1IH = copepod or amphipod DH = focal host	Acanthocephala	trophic	5	fished
<i>Cephalopholis urodeta</i>	Grandiunguid sp.	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Cyclopoida Family Grandiunguidae	adult larval	none	Crustacea	direct	3	fished
<i>Cephalopholis urodeta</i>	<i>Hatschekia</i> sp.	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Siphonostomatoida Family Hatschekiidae Genus <i>Hatschekia</i>	adult larval	none	Crustacea	direct	3	fished
<i>Cephalopholis urodeta</i>	Lepeophtheirinae sp.	Subphylum Crustacea Class Maxillopoda Class Maxillopoda Subclass Copepoda Order Siphonostomatoida Family Caligidae Subfamily Lepeophtheirinae	adult	none	Crustacea	direct	3	fished
<i>Cephalopholis urodeta</i>	Caliginae sp.	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Siphonostomatoida Family Caligidae Subfamily Caliginae	adult	none	Crustacea	direct	3	fished
<i>Cephalopholis urodeta</i>	<i>Lernanthropus</i> sp.	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Siphonostomatoida Family Lernanthropidae Genus <i>Lernanthropus</i>	adult	none	Crustacea	direct	3	fished

Host species	Parasite taxon	Background			Groupings for meta-analysis			
		parasite taxonomy	life stage in focal host	hosts of other life stages	taxonomic	transmission strategy	host specificity ranking	host fishing status
<i>Cephalopholis urodeta</i>	Sarcotacid sp.	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Poecilostomatoida Family Sarcotacidae	adult	none	Crustacea	direct	3	fished
<i>Cephalopholis urodeta</i>	Gnathiid sp.	Subphylum Crustacea Class Malacostraca Superorder Peracarida Order Isopoda Suborder Gnathiidea Family Gnathiidae	larval	none	Crustacea	direct	6	fished
<i>Cephalopholis urodeta</i>	Cymothoid isopod	Subphylum Crustacea Class Malacostraca Superorder Peracarida Order Isopoda Suborder Flabellifera Family Cymothoidae	unknown	none	Crustacea	direct	unknown	fished
<i>Cephalopholis urodeta</i>	<i>Neobenedenia</i> sp.	Phylum Platyhelminthes Class Monogenea Order Monopisthocotylea Family Capsalidae Genus <i>Neobenedenia</i>	adult	none	Monogenea	direct	1	fished
<i>Cephalopholis urodeta</i>	fin metacercariae	Phylum Platyhelminthes Class Trematoda Subclass Digenea	larval (metacercaria)	1IH = gastropod 2IH = focal host DH = vertebrate	Trematoda	trophic	4	fished
<i>Cephalopholis urodeta</i>	gill metacercariae	Phylum Platyhelminthes Class Trematoda Subclass Digenea	larval (metacercaria)	1IH = gastropod 2IH = focal host DH = vertebrate	Trematoda	trophic	4	fished
<i>Cephalopholis urodeta</i>	visceral metacercariae	Phylum Platyhelminthes Class Trematoda Subclass Digenea	larval (metacercaria)	1IH = gastropod 2IH = focal host DH = vertebrate	Trematoda	trophic	4	fished
<i>Cephalopholis urodeta</i>	<i>Stephanostomum</i> sp.	Phylum Platyhelminthes Class Trematoda Subclass Digenea Order Plagiorchiiformes Family Acanthocolpidae Genus <i>Stephanostomum</i>	larval (metacercaria)	1IH = snail (probably buccinoid or naticoid) 2IH = focal host DH = fish (probably carangids or scombrids)	Trematoda	trophic	4	fished
<i>Cephalopholis urodeta</i>	<i>Prosorhynchus</i> sp.	Phylum Platyhelminthes Class Trematoda Subclass Digenea	adult	1IH = bivalve 2IH = fish DH = focal host	Trematoda	trophic	4	fished

Host species	Parasite taxon	Background			Groupings for meta-analysis			
		parasite taxonomy	life stage in focal host	hosts of other life stages	taxonomic	transmission strategy	host specificity ranking	host fishing status
<i>Cephalopholis urodeta</i>	<i>Procamallanus</i> sp.	Phylum Nematoda Class Chromadorea Order Rhabditida Suborder Spirurina Infraorder Spiruromorpha Superfamily Camallanoidea Family Camallanidae Genus <i>Procamallanus</i>	adult	1IH = cyclopoid copepod 2IH = zooplanktivorous fish DH = focal host	Nematoda	trophic	5	fished
<i>Cephalopholis urodeta</i>	unidentified nematode	Phylum Nematoda Class Chromadorea Order Rhabditida	adult	unknown	Nematoda	trophic	5	fished
<i>Cephalopholis urodeta</i>	larval nematodes	Phylum Nematoda Class Chromadorea Order Rhabditida Suborder Spirurina? Infraorder Ascaridomorpha? Family Anisakidae?	encysted larva	1IH = copepod or amphipod 2IH = zooplanktivorous fish PH = focal host DH = marine mammal, predatory fish, or bird	Nematoda	trophic	5	fished
<i>Cephalopholis urodeta</i>	dead nematodes	Phylum Nematoda Class Chromadorea Order Rhabditida Suborder Spirurina? Infraorder Ascaridomorpha? Family Anisakidae?	encysted larva, killed by host immune response	1IH = copepod or amphipod 2IH = zooplanktivorous fish PH = focal host DH = marine mammal, predatory fish, or bird	Nematoda	trophic	5	fished
<i>Ctenochaetus marginatus</i>	Grandiunguiid sp. 1	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Cyclopoida Family Grandiunguidae	adult larval	none	Crustacea	direct	3	fished
<i>Ctenochaetus marginatus</i>	Grandiunguiid sp. 2	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Cyclopoida Family Grandiunguidae	larval	none	Crustacea	direct	3	fished
<i>Ctenochaetus marginatus</i>	Lepeophtheirinae sp.	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Siphonostomatoida Family Caligidae Subfamily Lepeophtheirinae	adult	none	Crustacea	direct	3	fished

Host species	Parasite taxon	Background			Groupings for meta-analysis			
		parasite taxonomy	life stage in focal host	hosts of other life stages	taxonomic	transmission strategy	host specificity ranking	host fishing status
<i>Ctenochaetus marginatus</i>	Sarcotacid sp.	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Poecilostomatoida Family Sarcotacidae	adult	none	Crustacea	direct	3	fished
<i>Ctenochaetus marginatus</i>	Gnathiid sp.	Subphylum Crustacea Class Malacostraca Superorder Peracarida Order Isopoda Suborder Gnathiidea Family Gnathiidae	larval	none	Crustacea	direct	6	fished
<i>Ctenochaetus marginatus</i>	<i>Ancylostomum</i> sp.	Phylum Platyhelminthes Class Monogenea Order Dactylogyridea Family Ancyrocephalidae	adult	none	Monogenea	direct	1	fished
<i>Ctenochaetus marginatus</i>	fin metacercariae	Phylum Platyhelminthes Class Trematoda Subclass Digenea	larval (metacercaria)	1IH = gastropod 2IH = focal host DH = vertebrate	Trematoda	trophic	4	fished
<i>Ctenochaetus marginatus</i>	gill metacercariae	Phylum Platyhelminthes Class Trematoda Subclass Digenea	larval (metacercaria)	1IH = gastropod DH = vertebrate	Trematoda	trophic	4	fished
<i>Ctenochaetus marginatus</i>	Felodistomatid sp.	Phylum Platyhelminthes Class Trematoda Subclass Digenea Order Strigeiformes Family Felodistomatidae	adult	1IH = lamellibranch bivalve or gastropod 2IH = focal host DH = fish or bird	Trematoda	trophic	4	fished
<i>Ctenochaetus marginatus</i>	Hemiurid sp.	Phylum Platyhelminthes Class Trematoda Subclass Digenea Order Hemiuriformes Family Hemiuridae	adult	1IH = snail 2IH = focal host 2IH = copepod	Trematoda	trophic	4	fished
<i>Ctenochaetus marginatus</i>	Tetraphyllidean sp.	Phylum Platyhelminthes Class Cestoda Cohort Cestoidea Infracohort Saccouterina Order Tetraphyllidea	larval (plerocercoid)	1IH = copepod 2IH = focal host PH = predatory fish DH = elasmobranch	Cestoda	trophic	2	fished

Host species	Parasite taxon	Background			Groupings for meta-analysis			
		parasite taxonomy	life stage in focal host	hosts of other life stages	taxonomic	transmission strategy	host specificity ranking	host fishing status
<i>Ctenochaetus marginatus</i>	<i>Spirocamallanus</i> sp.	Phylum Nematoda Class Chromadorea Order Rhabditida Suborder Spirurina Infraorder Spiruromorpha Superfamily Camallanoidea Family Camallanidae Genus <i>Spirocamallanus</i>	adult	1IH = copepod or amphipod 2IH = zooplanktivorous invertebrate DH = focal host	Nematoda	trophic	5	fished
<i>Ctenochaetus marginatus</i>	larval nematodes	Phylum Nematoda Class Chromadorea Order Rhabditida Suborder Spirurina? Infraorder Ascaridomorpha? Family Anisakidae?	encysted larva	1IH = copepod or amphipod 2IH = focal host PH = predatory fish DH = marine mammal, predatory fish, or bird	Nematoda	trophic	5	fished
<i>Ctenochaetus marginatus</i>	Acanthocephalan sp.	Phylum Acanthocephala	adult	1IH = copepod or amphipod DH = focal host	Acanthocephala	trophic	5	fished
<i>Acanthurus nigricans</i>	Lepeophtheirinae sp.	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Siphonostomatoida Family Caligidae Subfamily Lepeophtheirinae	adult	none	Crustacea	direct	3	fished
<i>Acanthurus nigricans</i>	Sarcotacid sp.	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Poecilostomatoida Family Sarcotacidae	adult	none	Crustacea	direct	3	fished
<i>Acanthurus nigricans</i>	Gnathiid sp.	Subphylum Crustacea Class Malacostraca Superorder Peracarida Order Isopoda Suborder Gnathiidea Family Gnathiidae	larval	none	Crustacea	direct	6	fished
<i>Acanthurus nigricans</i>	<i>Neobenedenia</i> sp.	Phylum Platyhelminthes Class Monogenea Order Monopisthocotylea Family Capsalidae Genus <i>Neobenedenia</i>	adult	none	Monogenea	direct	1	fished

Host species	Parasite taxon	Background			Groupings for meta-analysis			
		parasite taxonomy	life stage in focal host	hosts of other life stages	taxonomic	transmission strategy	host specificity ranking	host fishing status
<i>Acanthurus nigricans</i>	fin metacercariae	Phylum Platyhelminthes Class Trematoda Subclass Digenea	larval (metacercaria)	1IH = gastropod 2IH = focal host DH = vertebrate	Trematoda	trophic	4	fished
<i>Acanthurus nigricans</i>	gill metacercariae sp. 1	Phylum Platyhelminthes Class Trematoda Subclass Digenea	larval (metacercaria)	1IH = gastropod 2IH = focal host DH = vertebrate	Trematoda	trophic	4	fished
<i>Acanthurus nigricans</i>	gill metacercariae sp. 2	Phylum Platyhelminthes Class Trematoda Subclass Digenea	larval (metacercaria)	1IH = gastropod 2IH = focal host DH = vertebrate	Trematoda	trophic	4	fished
<i>Acanthurus nigricans</i>	eye metacercariae	Phylum Platyhelminthes Class Trematoda Subclass Digenea	larval (metacercaria)	1IH = gastropod 2IH = focal host DH = vertebrate	Trematoda	trophic	4	fished
<i>Acanthurus nigricans</i>	<i>Stephanostomum</i> sp.	Phylum Platyhelminthes Class Trematoda Subclass Digenea Order Plagiorchiiformes Family Acanthocolpidae Genus <i>Stephanostomum</i>	larval (metacercaria)	1IH = snail (probably buccinoid or naticoid) 2IH = focal host DH = fish (probably carangids or scombrids)	Trematoda	trophic	4	fished
<i>Acanthurus nigricans</i>	Lecithasterid sp.	Phylum Platyhelminthes Class Trematoda Subclass Digenea Order Hemiuroidea Family Lecithasteridae	adult	1IH = snail 2IH = copepod DH = focal host	Trematoda	trophic	4	fished
<i>Acanthurus nigricans</i>	Microscaphiid sp.	Phylum Platyhelminthes Class Trematoda Subclass Digenea Order Echinostomatiformes Family Microscaphiidae	adult	1IH = snail 2IH = unknown DH = focal host	Trematoda	trophic	4	fished
<i>Acanthurus nigricans</i>	Tetraphyllidean sp.	Phylum Platyhelminthes Class Cestoda Cohort Cestoidea Infracohort Saccouterina Order Tetraphyllidea	larval (plerocercoid)	1IH = copepod 2IH = focal host PH = predatory fish DH = elasmobranch	Cestoda	trophic	2	fished
<i>Acanthurus nigricans</i>	Trypanorhynch sp.	Phylum Platyhelminthes Class Cestoda Cohort Cestoidea Infracohort Saccouterina Order Trypanorhyncha	larval (plerocercoid)	1IH = copepod 2IH = focal host DH = elasmobranch	Cestoda	trophic	2	fished

Host species	Parasite taxon	Background			Groupings for meta-analysis			
		parasite taxonomy	life stage in focal host	hosts of other life stages	taxonomic	transmission strategy	host specificity ranking	host fishing status
<i>Acanthurus nigricans</i>	Cucullanid sp.	Phylum Nematoda Class Chromadorea Order Rhabditida Suborder Spirurina Infraorder Ascaridomorpha Family Cucullanidae	adult	1IH = copepod or amphipod 2IH = zooplanktivorous invertebrate DH = focal host	Nematoda	trophic	5	fished
<i>Acanthurus nigricans</i>	unidentified nematode	Phylum Nematoda Class Chromadorea Order Rhabditida	adult	unknown	Nematoda	trophic	5	fished
<i>Acanthurus nigricans</i>	Acanthocephalan sp.	Phylum Acanthocephala	adult	1IH = copepod or amphipod DH = focal host	Acanthocephala	trophic	5	fished
<i>Paracirrhites arcatus</i>	Grandiunguid sp.	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Cyclopoida Family Grandiunguidae	adult larval	none	Crustacea	direct	3	unfished
<i>Paracirrhites arcatus</i>	Gnathiid sp.	Subphylum Crustacea Class Malacostraca Superorder Peracarida Order Isopoda Suborder Gnathiidea Family Gnathiidae	larval	none	Crustacea	direct	6	unfished
<i>Paracirrhites arcatus</i>	fin metacercariae	Phylum Platyhelminthes Class Trematoda Subclass Digenea	larval (metacercaria)	1IH = gastropod 2IH = focal host DH = vertebrate	Trematoda	trophic	4	unfished
<i>Paracirrhites arcatus</i>	gill metacercariae	Phylum Platyhelminthes Class Trematoda Subclass Digenea	larval (metacercaria)	1IH = gastropod 2IH = focal host DH = vertebrate	Trematoda	trophic	4	unfished
<i>Paracirrhites arcatus</i>	muscle metacercariae	Phylum Platyhelminthes Class Trematoda Subclass Digenea	larval (metacercaria)	1IH = gastropod 2IH = focal host DH = vertebrate	Trematoda	trophic	4	unfished
<i>Paracirrhites arcatus</i>	visceral metacercariae	Phylum Platyhelminthes Class Trematoda Subclass Digenea	larval (metacercaria)	1IH = gastropod 2IH = focal host DH = vertebrate	Trematoda	trophic	4	unfished
<i>Paracirrhites arcatus</i>	<i>Stephanostomum</i> sp. 1	Phylum Platyhelminthes Class Trematoda Subclass Digenea Order Plagiorchiformes Family Acanthocolpidae Genus <i>Stephanostomum</i>	larval (metacercaria)	1IH = snail (probably buccinoid or naticoid) 2IH = focal host DH = fish (probably carangids or scombrids)	Trematoda	trophic	4	unfished

Host species	Parasite taxon	Background			Groupings for meta-analysis			
		parasite taxonomy	life stage in focal host	hosts of other life stages	taxonomic	transmission strategy	host specificity ranking	host fishing status
<i>Paracirrhites arcatus</i>	<i>Stephanostomum</i> sp. 2	Phylum Platyhelminthes Class Trematoda Subclass Digenea Order Plagiorchiiformes Family Acanthocolpidae Genus <i>Stephanostomum</i>	larval (metacercaria)	1IH = snail (probably buccinoid or naticoid) 2IH = focal host DH = fish (probably carangids or scombrids)	Trematoda	trophic	4	unfished
<i>Paracirrhites arcatus</i>	Hemiurid sp.	Phylum Platyhelminthes Class Trematoda Subclass Digenea Order Hemiuriformes Family Hemiuridae	adult	1IH = snail 2IH = copepod DH = focal host	Trematoda	trophic	4	unfished
<i>Paracirrhites arcatus</i>	Bucephalid sp.	Phylum Platyhelminthes Class Trematoda Subclass Digenea Order Strigeiformes Family Bucephalidae	adult	1IH = lamellibranch bivalve 2IH = fish	Trematoda	trophic	4	unfished
<i>Paracirrhites arcatus</i>	Tetraphyllidean sp.	Phylum Platyhelminthes Class Cestoda Cohort Cestoidea Infracohort Saccouterina Order Tetraphyllidea	larval (plerocercoid)	1IH = copepod 2IH = focal host PH = predatory fish DH = elasmobranch	Cestoda	trophic	2	unfished
<i>Paracirrhites arcatus</i>	larval nematodes	Phylum Nematoda Class Chromadorea Order Rhabditida Suborder Spirurina? Infraorder Ascaridomorpha? Family Anisakidae?	encysted larva	1IH = copepod or amphipod 2IH = focal host PH = predatory fish DH = marine mammal, predatory fish, or bird	Nematoda	trophic	5	unfished
<i>Paracirrhites arcatus</i>	<i>Spirocamallanus</i> sp.	Phylum Nematoda Class Chromadorea Order Rhabditida Suborder Spirurina Infraorder Spiruromorpha Superfamily Camallanoidea Family Camallanidae Genus <i>Spirocamallanus</i>	adult	1IH = copepod or amphipod 2IH = zooplanktivorous fish or invertebrate DH = focal host	Nematoda	trophic	5	unfished
<i>Stegastes aureus</i>	fin metacercariae	Phylum Platyhelminthes Class Trematoda Subclass Digenea	larval (metacercaria)	1IH = gastropod 2IH = focal host DH = vertebrate	Trematoda	trophic	4	unfished
<i>Stegastes aureus</i>	muscle metacercariae	Phylum Platyhelminthes Class Trematoda Subclass Digenea	larval (metacercaria)	1IH = gastropod 2IH = focal host DH = vertebrate	Trematoda	trophic	4	unfished

Host species	Parasite taxon	Background			Groupings for meta-analysis			
		parasite taxonomy	life stage in focal host	hosts of other life stages	taxonomic	transmission strategy	host specificity ranking	host fishing status
<i>Stegastes aureus</i>	<i>Stephanostomum</i> sp.	Phylum Platyhelminthes Class Trematoda Subclass Digenea Order Plagiorchiiformes Family Acanthocolpidae Genus <i>Stephanostomum</i>	larval (metacercaria)	1IH = snail (probably buccinoid or naticoid) 2IH = focal host DH = fish (probably carangids or scombrids)	Trematoda	trophic	4	unfished
<i>Stegastes aureus</i>	Microscaphiid sp.	Phylum Platyhelminthes Class Trematoda Subclass Digenea Order Echinostomatiformes Family Microscaphiidae	adult	1IH = snail 2IH = unknown DH = focal host	Trematoda	trophic	4	unfished
<i>Stegastes aureus</i>	Tetraphyllidean sp.	Phylum Platyhelminthes Class Cestoda Cohort Cestoidea Infracohort Saccouterina Order Tetraphyllidea	larval (pleroцерoid)	1IH = copepod 2IH = focal host PH = predatory fish DH = elasmobranch	Cestoda	trophic	2	unfished
<i>Stegastes aureus</i>	larval nematode	Phylum Nematoda Class Chromadorea Order Rhabditida Suborder Spirurina? Infraorder Ascaridomorpha? Family Anisakidae?	larva	1IH = copepod or amphipod 2IH = focal host PH = predatory fish DH = marine mammal, predatory fish, or bird	Nematoda	trophic	5	unfished
<i>Stegastes aureus</i>	<i>Spirocamallanus</i> sp.	Phylum Nematoda Class Chromadorea Order Rhabditida Suborder Spirurina Infraorder Spiruromorpha Superfamily Camallanoidea Family Camallanidae Genus <i>Spirocamallanus</i>	adult	1IH = copepod or amphipod 2IH = zooplanktivorous invertebrate DH = focal host	Nematoda	trophic	5	unfished
<i>Plectroglyphidodon dickii</i>	Grandiunguid sp. 1	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Cyclopoida Family Grandiunguidae	larval	none	Crustacea	direct	3	unfished
<i>Plectroglyphidodon dickii</i>	Grandiunguid sp. 2	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Cyclopoida Family Grandiunguidae	larval	none	Crustacea	direct	3	unfished

Host species	Parasite taxon	Background			Groupings for meta-analysis			
		parasite taxonomy	life stage in focal host	hosts of other life stages	taxonomic	transmission strategy	host specificity ranking	host fishing status
<i>Plectroglyphidodon dickii</i>	Grandiunguid sp. 3	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Cyclopoida Family Grandiunguidae	adult?	none	Crustacea	direct	3	unfished
<i>Plectroglyphidodon dickii</i>	Ancyrocephalid sp.	Phylum Platyhelminthes Class Monogenea Order Dactylogyridea Family Ancyrocephalidae	adult	none	Monogenea	direct	1	unfished
<i>Plectroglyphidodon dickii</i>	fin metacercariae	Phylum Platyhelminthes Class Trematoda Subclass Digenea	larval (metacercaria)	1IH = gastropod 2IH = focal host DH = vertebrate	Trematoda	trophic	4	unfished
<i>Plectroglyphidodon dickii</i>	<i>Stephanostomum</i> sp.	Phylum Platyhelminthes Class Trematoda Subclass Digenea Order Plagiorchiiformes Family Acanthocolpidae Genus <i>Stephanostomum</i>	larval (metacercaria)	1IH = snail (probably buccinoid or naticoid) 2IH = focal host DH = fish (probably carangids or scombrids)	Trematoda	trophic	4	unfished
<i>Plectroglyphidodon dickii</i>	larval nematodes	Phylum Nematoda Class Chromadorea Order Rhabditida Suborder Spirurina? Infraorder Ascaridomorpha? Family Anisakidae?	encysted larva	1IH = copepod or amphipod 2IH = focal host PH = predatory fish DH = marine mammal, predatory fish, or bird	Nematoda	trophic	5	unfished
<i>Plectroglyphidodon dickii</i>	<i>Spirocamallanus</i> sp.	Phylum Nematoda Class Chromadorea Order Rhabditida Suborder Spirurina Infraorder Spiruromorpha Superfamily Camallanoidea Family Camallanidae Genus <i>Spirocamallanus</i>	adult	1IH = copepod or amphipod 2IH = zooplanktivorous invertebrate DH = focal host	Nematoda	trophic	5	unfished
<i>Plectroglyphidodon dickii</i>	Acanthocephalan sp.	Phylum Acanthocephala	adult	1IH = copepod or amphipod DH = focal host	Acanthocephala	trophic	5	fished
<i>Chromis margaritifer</i>	Grandiunguid sp. 1	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Cyclopoida Family Grandiunguidae	larval	none	Crustacea	direct	3	unfished

Host species	Parasite taxon	Background			Groupings for meta-analysis			
		parasite taxonomy	life stage in focal host	hosts of other life stages	taxonomic	transmission strategy	host specificity ranking	host fishing status
<i>Chromis margaritifer</i>	Grandiunguid sp. 2	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Cyclopoida Family Grandiunguidae	larval	none	Crustacea	direct	3	unfished
<i>Chromis margaritifer</i>	<i>Lernanthropus</i> sp.	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Siphonostomatoida Family Lernanthropidae Genus <i>Lernanthropus</i>	adult	none	Crustacea	direct	3	unfished
<i>Chromis margaritifer</i>	Gnathiid	Subphylum Crustacea Class Malacostraca Superorder Peracarida Order Isopoda Suborder Gnathiidea Family Gnathiidae	larval	none	Crustacea	direct	6	unfished
<i>Chromis margaritifer</i>	gill metacercariae	Phylum Platyhelminthes Class Trematoda Subclass Digenea	larval (metacercaria)	1IH = gastropod 2IH = focal host DH = vertebrate	Trematoda	trophic	4	unfished
<i>Chromis margaritifer</i>	muscle metacercariae	Phylum Platyhelminthes Class Trematoda Subclass Digenea	larval (metacercaria)	1IH = gastropod 2IH = focal host DH = vertebrate	Trematoda	trophic	4	unfished
<i>Chromis margaritifer</i>	<i>Stephanostomum</i> sp. 1	Phylum Platyhelminthes Class Trematoda Subclass Digenea Order Plagiorchiiformes Family Acanthocolpidae Genus <i>Stephanostomum</i>	larval (metacercaria)	1IH = snail (probably buccinoid or naticoid) 2IH = focal host DH = fish (probably carangids or scombrids)	Trematoda	trophic	4	unfished
<i>Chromis margaritifer</i>	<i>Stephanostomum</i> sp. 2	Phylum Platyhelminthes Class Trematoda Subclass Digenea Order Plagiorchiiformes Family Acanthocolpidae Genus <i>Stephanostomum</i>	larval (metacercaria in muscle)	1IH = snail (probably buccinoid or naticoid) 2IH = focal host DH = fish (probably carangids or scombrids)	Trematoda	trophic	4	unfished
<i>Chromis margaritifer</i>	<i>Stephanostomum</i> sp. 3	Phylum Platyhelminthes Class Trematoda Subclass Digenea Order Plagiorchiiformes Family Acanthocolpidae Genus <i>Stephanostomum</i>	larval (metacercaria in intestine)	1IH = snail (probably buccinoid or naticoid) 2IH = focal host DH = fish (probably carangids or scombrids)	Trematoda	trophic	4	unfished

Host species	Parasite taxon	Background			Groupings for meta-analysis			
		parasite taxonomy	life stage in focal host	hosts of other life stages	taxonomic	transmission strategy	host specificity ranking	host fishing status
<i>Chromis margaritifer</i>	Lecithasterid sp.	Phylum Platyhelminthes Class Trematoda Subclass Digenea Order Hemiuroidea Family Lecithasteridae	adult	1IH = snail 2IH = copepod DH = focal host	Trematoda	trophic	4	unfished
<i>Chromis margaritifer</i>	Tetraphyllidean sp.	Phylum Platyhelminthes Class Cestoda Cohort Cestoidea Infracohort Saccouterina Order Tetraphyllidea	larval (plerocercoid)	1IH = copepod 2IH = focal host PH = predatory fish DH = elasmobranch	Cestoda	trophic	2	unfished
<i>Chromis margaritifer</i>	unidentified nematode	Phylum Nematoda Class Chromadorea Order Rhabditida	adult	unknown	Nematoda	trophic	5	unfished
<i>Chromis margaritifer</i>	Acanthocephalan sp.	Phylum Acanthocephala	adult	1IH = copepod or amphipod DH = focal host	Acanthocephala	trophic	5	unfished
<i>Pseudanthias bartlettorum</i>	gill metacercariae	Phylum Platyhelminthes Class Trematoda Subclass Digenea	larval (metacercaria)	1IH = gastropod 2IH = focal host DH = vertebrate	Trematoda	trophic	4	unfished
<i>Pseudanthias bartlettorum</i>	Grandiunguid sp. 1	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Cyclopoida Family Grandiunguidae	larval	none	Crustacea	direct	3	unfished
<i>Pseudanthias bartlettorum</i>	Grandiunguid sp. 2	Subphylum Crustacea Class Maxillopoda Subclass Copepoda Order Cyclopoida Family Grandiunguidae	larval	none	Crustacea	direct	3	unfished
<i>Pseudanthias bartlettorum</i>	<i>Stephanostomum</i> sp.	Phylum Platyhelminthes Class Trematoda Subclass Digenea Order Plagiorchiformes Family Acanthocolpidae Genus <i>Stephanostomum</i>	larval (metacercaria)	1IH = snail (probably buccinoid or naticoid) 2IH = focal host DH = fish (probably carangids or scombrids)	Trematoda	trophic	4	unfished
<i>Pseudanthias bartlettorum</i>	Microscaphiid sp.	Phylum Platyhelminthes Class Trematoda Subclass Digenea Order Echinostomatiformes Family Microscaphiidae	adult	1IH = snail 2IH = unknown DH = focal host	Trematoda	trophic	4	unfished

	Parasite taxon	Background			Groupings for meta-analysis			
Host species		parasite taxonomy	life stage in focal host	hosts of other life stages	taxonomic	transmission strategy	host specificity ranking	host fishing status
<i>Pseudanthias bartlettorum</i>	<i>Prosorhynchus</i> sp.	Phylum Platyhelminthes Class Trematoda Subclass Digenea Order Strigeiformes Family Bucephalidae	adult	1IH = lamellibranch bivalve 2IH = fish DH = focal host	Trematoda	trophic	4	unfished