

Supplementary table 1- List of the parasites of non-native fish in the UK

Fish species	Class	Genus	Species	Life cycle	Host Specificity	Internal/external	Reference
<i>Siluris glanis</i>	Digenea	<i>Diplostomum</i>	<i>sp.</i>	Complex	Generalist	Internal	This study
<i>Siluris glanis</i>	Maxillopoda	<i>Ergasilus</i>	<i>sieboldi</i>	Simple	Generalist	External	This study
<i>Siluris glanis</i>	Cestoda	<i>Proteocephalus</i>	<i>osculatus</i>	Complex	Generalist	Internal	This study
<i>Siluris glanis</i>	Kinetoplastida	<i>Trypanosoma</i>	<i>sp.</i>	Complex	Generalist	Internal	This study
<i>Siluris glanis</i>	Nematoda	<i>Camallanus</i>	<i>lacustris</i>	Complex	Generalist	Internal	This study
<i>Siluris glanis</i>	Monogenea	<i>Thaparocleidus</i>	<i>vistulensis</i>	Simple	Specialist	External	This study
<i>Siluris glanis</i>	Monogenea	<i>Dactylogyrus</i>	<i>sp.</i>	Simple	Generalist	External	This study
<i>Lepomis gibbosus</i>	Nematoda	<i>Contracaecum</i>	<i>rudolphii</i>	Complex	Generalist	Internal	Hockley et al 2011
<i>Lepomis gibbosus</i>	Monogenea	<i>Onchocleidus</i>	<i>dispar</i>	Simple	Generalist	Internal	Hockley et al 2011
<i>Lepomis gibbosus</i>	Nematoda	<i>Nematode</i>	<i>sp.</i>			Internal	Hockley et al 2011
<i>Lepomis gibbosus</i>	Acanthocephala	<i>Acanthocephalus</i>	<i>sp.</i>			Internal	Hockley et al 2011
<i>Lepomis gibbosus</i>	Bivalvia	<i>Glochidia</i>	<i>sp.</i>			External	Hockley et al 2011
<i>Lepomis gibbosus</i>	Oligoohymenophorea	<i>Trichodina</i>	<i>sp.</i>			External	Hockley et al 2011
<i>Lepomis gibbosus</i>	Oligoohymenophorea	<i>Apiosoma</i>	<i>sp.</i>			External	Hockley et al 2011
<i>Pseusorasbora parva</i>	Nematoda	<i>Pseudocapillaria</i>	<i>sp.</i>	Simple	generalist	internal	This study
<i>Pseusorasbora parva</i>	Nematoda	<i>Anguillicola</i>	<i>crassus</i>	Complex	generalist	internal	This study
<i>Leucaspis delineatus</i>	Maxillopoda	<i>Neoergasilus</i>	<i>japonicus</i>	Simple	Generalist	External	Beyer et al 2005
<i>Leucaspis delineatus</i>	Maxillopoda	<i>Ergasilus</i>	<i>briani</i>	Simple	Generalist	External	Beyer et al 2005
<i>Leucaspis delineatus</i>	Trematoda	<i>Digenean</i>	<i>sp.</i>	Complex	Generalist	Both	Beyer et al 2005
<i>Leucaspis delineatus</i>	Nematoda	<i>Rhabdochona</i>	<i>sp.</i>	Complex	Generalist	Internal	Beyer et al 2005
<i>Leucaspis delineatus</i>	Myxosporea	<i>Myxidium</i>	<i>rhodei</i>	Complex	Generalist	Internal	Beyer et al 2005

Fish species	Class	Genus	Species	Life cycle	Host Specificity	Internal/external	Reference
<i>Leucaspilus delineatus</i>	Monogenea	<i>Diplozoon</i>	<i>paradoxum</i>	Simple	Generalist	External	Beyer et al 2005
<i>Leucaspilus delineates</i>	Digenea	<i>Diplostomum</i>	<i>sp.</i>	Complex	Generalist	Internal	Beyer et al 2005
<i>Ameirus melas</i>	Mongenea	<i>Ancyrocephalus</i>	<i>pricei</i>	Simple	Specific	External	This study
<i>Ameirus melas</i>	Maxillopoda	<i>Argulus</i>	<i>sp.</i>	Simple	Generalist	External	This study
<i>Rhodeus amarus</i>	Digenea	<i>Diplostomum</i>	<i>sp.</i>	Complex	Generalist	Internal	This study
<i>Rhodeus amarus</i>	Digenea	<i>Tylodelphis</i>	<i>clavata</i>	Complex	Generalist	Internal	This study
<i>Rhodeus amarus</i>	Nematoda	<i>Anguillocola</i>	<i>crassus</i>	Complex	Generalist	Internal	This study
<i>Rhodeus amarus</i>	Monogenea	<i>Ichthyocotylurus</i>	<i>variegatus</i>	Complex	Generalist	Internal	This study
<i>Rhodeus amarus</i>	Nematoda	<i>Raphidascaris</i>	<i>sp.</i>	Complex	Generalist	Internal	This study
<i>Rhodeus amarus</i>	Digenea	Paracoenogonimus	ovatus	Complex	Generalist	External	This study
<i>Rhodeus amarus</i>	Trematoda	Echinochasmus	spp.	Complex	Generalist	External	This study
<i>Rhodeus amarus</i>	Myxosporea	Myxosporidean	sp.		Generalist	Internal	This study
<i>Rhodeus amarus</i>	Oligoohymenophorea	Ichthyophthirius	multifiliis	Simple	Generalist	External	This study
<i>Rhodeus amarus</i>	Digenea	Bucephalus	polymorphus	Complex	Generalist	External	This study
<i>Rhodeus amarus</i>	Digenea	Rhipidocotyle	campanula	Complex	Generalist	External	This study
<i>Rhodeus amarus</i>	Digenea	Neascus	sp.	Complex	Generalist	External	This study
<i>Pimephlaes promelas</i>	Oligoohymenophorea	Trichodina	sp.	Simple	Generalist	External	This study

Supplementary table 2- List of the parasites of non-native fish in their native range								
Fish species	Class	Genus	Species	Range	Lifecycle	Host Specificity	Internal/external	Reference
<i>Siluris glanis</i>	Conoidasida	<i>Eimeria</i>	<i>siluri</i>	Uzbekistan	Simple	Specialist	Internal	1
<i>Siluris glanis</i>	Oligohymenophorea	<i>Trichodina</i>	<i>acuta</i>	Widespread	Simple	Generalist	External	1
<i>Siluris glanis</i>	Oligohymenophorea	<i>Trichodina</i>	<i>nigra</i>	Widespread	Simple	Generalist	External	1
<i>Siluris glanis</i>	Oligohymenophorea	<i>Trichodinella</i>	<i>epizootica</i>	Widespread	Simple	Generalist	External	1
<i>Siluris glanis</i>	kinetoplastids	<i>Trypanoplasma</i>	<i>ninaekohljakimovi</i>	/	Complex	\	Internal	1
<i>Siluris glanis</i>	Acanthocephala	<i>Acanthocephalus</i>	<i>anguillae</i>	Eurasia	Complex	Generalist	Internal	1
<i>Siluris glanis</i>	Acanthocephala	<i>Acanthocephalus</i>	<i>lucii</i>	Eurasia	Complex	Generalist	Internal	1
<i>Siluris glanis</i>	Acanthocephala	<i>Acanthocephalus</i>	<i>clavula</i>	Eurasia	Complex	Generalist	Internal	1
<i>Siluris glanis</i>	Acanthocephala	<i>Leptorhynchoides</i>	<i>plagicephalus</i>	Eurasia	Complex	Specialist	Internal	1
<i>Siluris glanis</i>	Acanthocephala	<i>Pomphorhynchus</i>	<i>laevis</i>	Eurasia	Complex	Generalist	Internal	1
<i>Siluris glanis</i>	Crustacea	<i>Argulus</i>	<i>coregoni</i>	Eurasia	Simple	Generalist	External	1
<i>Siluris glanis</i>	Crustacea	<i>Argulus</i>	<i>foliaceus</i>	Eurasia	Simple	Generalist	External	1
<i>Siluris glanis</i>	Crustacea	<i>Ergasilus</i>	<i>sieboldi</i>	Widespread	Simple	Generalist	External	1
<i>Siluris glanis</i>	Crustacea	<i>Lamproglana</i>	<i>pulchella</i>	Eurasia	Simple	Generalist	External	1
<i>Siluris glanis</i>	Crustacea	<i>Pseudotracheheliastes</i>	<i>stellifer</i>	Eurasia	Simple	Specialist	External	1
<i>Siluris glanis</i>	Myxosporea	<i>Myxobolus</i>	<i>exiguus</i>	Widespread	Complex	Generalist	Both	1
<i>Siluris glanis</i>	Myxosporea	<i>Myxobolus</i>	<i>muelleri</i>	Widespread	Complex	Generalist	Both	1
<i>Siluris glanis</i>	Myxosporea	<i>Sphaerospora</i>	<i>schulmani</i>	\	Complex	\	Internal	1
<i>Siluris glanis</i>	Nematoda	<i>Camallanus</i>	<i>lacustris</i>	Eurasia	Complex	Generalist	Internal	1
<i>Siluris glanis</i>	Nematoda	<i>Camallanus</i>	<i>truncatus</i>	Widespread	Complex	Generalist	Internal	1
<i>Siluris glanis</i>	Nematoda	<i>Cucullanus</i>	<i>sphaerocephalus</i>	Eurasia	Complex	Specialist	Internal	1
<i>Siluris glanis</i>	Nematoda	<i>Eustrongylides</i>	<i>excisus</i>	Eurasia	Complex	Generalist	Internal	1
<i>Siluris glanis</i>	Nematoda	<i>Raphidascaris</i>	<i>acus</i>	Eurasia	Complex	Generalist	Internal	1
<i>Siluris glanis</i>	Nematoda	<i>Schulmanella</i>	<i>petruschewskii</i>	Eurasia	Simple	Generalist	Internal	1
<i>Siluris glanis</i>	Cestoda	<i>Bothriocephalus</i>	<i>acheilognathi</i>	Widespread	Complex	Generalist	Internal	1
<i>Siluris glanis</i>	Cestoda	<i>Glanitaenia</i>	<i>oculata</i>	Eurasia		Specialist		1
<i>Siluris glanis</i>	Cestoda	<i>Silurotaenia</i>	<i>siluri</i>	Eurasia		Specialist	Internal	1
<i>Siluris glanis</i>	Cestoda	<i>Triaenophorus</i>	<i>crassus</i>	Widespread	Complex	Generalist	Internal	1
<i>Siluris glanis</i>	Monogenea	<i>Thaparocleidus</i>	<i>magnus</i>	Eurasia	Simple	Specialist	External	1
<i>Siluris glanis</i>	Monogenea	<i>Thaparocleidus</i>	<i>siluri</i>	Eurasia	Simple	Specialist	External	1

<i>Siluris glanis</i>	Monogenea	<i>Thaparocleidus</i>	<i>vistulensis</i>	Eurasia	Simple	Specialist	External	1
<i>Siluris glanis</i>	Trematoda	<i>Aphanurus</i>	<i>stossichi</i>	Eurasia	Complex	Specialist	Internal	1
<i>Siluris glanis</i>	Trematoda	<i>Azygia</i>	<i>lucii</i>	Eurasia	Complex	Generalist	Internal	1
<i>Siluris glanis</i>	Trematoda	<i>Bunocotyle</i>	<i>cingulata</i>	Eurasia	Simple	Generalist		1
<i>Siluris glanis</i>	Trematoda	<i>Bucephalus</i>	<i>polymorphus</i>	Eurasia	Complex	Generalist	Internal	1
<i>Siluris glanis</i>	Trematoda	<i>Bunodera</i>	<i>luciopercae</i>	Eurasia	Complex	Generalist	External	1
<i>Siluris glanis</i>	Trematoda	<i>Cephalogonimus</i>	<i>retusus</i>	Widespread	Complex	Generalist	Internal	1
<i>Siluris glanis</i>	Trematoda	<i>Cotylurus</i>	<i>pileatus</i>	Widespread	Complex	Generalist	Internal	1
<i>Siluris glanis</i>	Trematoda	<i>Diplostomum</i>	<i>spathaceum</i>	Widespread	Complex	Generalist	Internal	1
<i>Siluris glanis</i>	Trematoda	<i>Metagonimus</i>	<i>yokogawai</i>	Eurasia	Complex	Generalist	Internal	1
<i>Siluris glanis</i>	Trematoda	<i>Nicolla</i>	<i>skrjabini</i>	Widespread	Complex	Generalist	Internal	1
<i>Siluris glanis</i>	Trematoda	<i>Orientocreadium</i>	<i>siluri</i>	Eurasia	Complex	Specialist	Internal	1
<i>Siluris glanis</i>	Trematoda	<i>Spaerostomum</i>	<i>bramae</i>	Eurasia		Generalist		1
<i>Siluris glanis</i>	Trematoda	<i>Tylodelphys</i>	<i>clavata</i>	Eurasia	Complex	Generalist	Internal	1
<i>Siluris glanis</i>	Crustacea	<i>Lernaea</i>	<i>spp</i>	Azerbaijan	Simple	Generalist	External	2
<i>Siluris glanis</i>	Monogenea	<i>Ancylodiscoides</i>	<i>siluri</i>	Turkey	Simple	Specialist	External	3, 4
<i>Siluris glanis</i>	Monogenea	<i>Ancylodiscoides</i>	<i>vistulensis</i>	Turkey	Simple	Generalist	External	3, 4
<i>Siluris glanis</i>	Cestoda	<i>Siluritaenia</i>	<i>siluri</i>	Turkey	Complex	Specialist	Internal	3, 5
<i>Siluris glanis</i>	Nematoda	<i>Eustrongylides</i>	<i>excisus</i>	Turkey	Complex	Generalist	Internal	3, 6
<i>Siluris glanis</i>	Cestoda	<i>Proteocephalus</i>	<i>osculatus</i>	Iran	Complex		Internal	7
<i>Siluris glanis</i>	Cestoda	<i>Bothriocephalus</i>	<i>spp</i>	Iran	Complex	Generalist	Internal	7
<i>Siluris glanis</i>	Trematoda	<i>Aphanurus</i>	<i>stossichi</i>	Iran	Complex	Generalist	Internal	8
<i>Siluris glanis</i>	Trematoda	<i>Bunocotyle</i>	<i>cingulata</i>	Iran	Complex	Generalist	Internal	8
<i>Siluris glanis</i>	Nematoda	<i>Anisakis</i>	<i>schupakovi</i>	Iran	Complex	Generalist	Internal	8
<i>Lepomis gibbosus</i>	Bivalvia	<i>Glochidia</i>	<i>sp.</i>	N. America	Complex	Generalist	Internal	13
<i>Lepomis gibbosus</i>	trematoda	<i>Ichthyocotylurus</i>	<i>platycephalus</i>	N. America	Complex	Generalist	External	13
<i>Lepomis gibbosus</i>	trematoda	<i>Tylodelphys</i>	<i>clavata</i>	N. America	Complex	Generalist	Internal	13
<i>Lepomis gibbosus</i>	Nematoda	<i>Schulmanella</i>	<i>petruschewskii</i>	N. America	Complex	Generalist	Internal	13
<i>Lepomis gibbosus</i>	Acanthocephala	<i>Acanthocephalus</i>	<i>lucii</i>	N. America	Complex	Generalist	Internal	13
<i>Lepomis gibbosus</i>	Acanthocephala	<i>Paracanthocephalus</i>	<i>sp.</i>	N. America	Complex	Generalist	Internal	13
<i>Lepomis gibbosus</i>	Crustacea	<i>Ergasilus</i>	<i>sieboldi</i>	N. America	Simple	Generalist	External	13

<i>Lepomis gibbosus</i>	Crustacea	<i>Caligus</i>	<i>lacustris</i>	N. America	Simple	Generalist	External	13
<i>Lepomis gibbosus</i>	Crustacea	<i>Neoergasilus</i>	<i>japonicus</i>	N. America	Simple	Generalist	External	14
<i>Lepomis gibbosus</i>	Crustacea	<i>Lernaea</i>	<i>cruciata</i>	N. America	Simple	Generalist	External	14
<i>Lepomis gibbosus</i>	trematoda	<i>Urocleidus</i>	<i>similis</i>	Canada	Simple	Generalist	External	11, 15
<i>Lepomis gibbosus</i>	trematoda	<i>Tetracotyle</i>	<i>sp</i>	Canada	Complex	Generalist	Internal	11
<i>Lepomis gibbosus</i>	trematoda	<i>Uvulifer</i>	<i>ambloplitis</i>	Canada	Complex	Generalist	External	11
<i>Lepomis gibbosus</i>	trematoda	<i>Posthodiplostomum</i>	<i>minimum</i>	Canada	Complex	Generalist	Internal	11
<i>Lepomis gibbosus</i>	trematoda	<i>Clinostomum</i>	<i>marginatum</i>	Canada	Complex	Generalist	Internal	11, 16
<i>Lepomis gibbosus</i>	trematoda	<i>Diplostomum</i>	<i>scheuringi</i>	Canada	Complex	Generalist	Internal	11, 17
<i>Lepomis gibbosus</i>	trematoda	<i>Diplostomum</i>	<i>huronense</i>	Canada	Complex	Generalist	Internal	11, 18
<i>Lepomis gibbosus</i>	trematoda	<i>Apophallus</i>	<i>brevis</i>	Canada	Complex	Generalist	Internal	11, 19
<i>Lepomis gibbosus</i>	Nematoda	<i>Spiroxys</i>	<i>sp.</i>	Canada	Complex	Generalist	Internal	11
<i>Lepomis gibbosus</i>	nematoda	<i>Eustrongylides</i>	<i>sp.</i>	Canada	Complex	Generalist	Internal	11
<i>Lepomis gibbosus</i>	Monogenea	<i>Actinocleidus</i>	<i>gibbosus</i>	N. America	Simple	Specialist	External	20-23
<i>Lepomis gibbosus</i>	Monogenea	<i>Actinocleidus</i>	<i>recurvatus</i>	N. America	Simple	Specialist	External	20-23
<i>Lepomis gibbosus</i>	Monogenea	<i>Cleidodicus</i>	<i>robustus</i>	N. America	Simple	Generalist	External	20-23
<i>Lepomis gibbosus</i>	Monogenea	<i>Urocleidus</i>	<i>acer</i>	N. America	Simple	Generalist	External	20-23
<i>Lepomis gibbosus</i>	Monogenea	<i>Urocleidus</i>	<i>attenuatus</i>	N. America	Simple	Generalist	External	20-23
<i>Lepomis gibbosus</i>	Monogenea	<i>Urocleidus</i>	<i>dispar</i>	N. America	Simple	Generalist	External	20-23
<i>Lepomis gibbosus</i>	Monogenea	<i>Urocleidus</i>	<i>ferox</i>	N. America	Simple	Specialist	External	20-23
<i>Lepomis gibbosus</i>	Copepoda	<i>Achtheres</i>	<i>ambloplitis</i>	N. America	Simple	Generalist	External	20-23
<i>Lepomis gibbosus</i>	Copepoda	<i>Ergasilus</i>	<i>caeruleus</i>	N. America	Simple	Generalist	External	20-23
<i>Lepomis gibbosus</i>	Copepoda	<i>Ergasilus</i>	<i>centrarchidarum</i>	N. America	Simple	Generalist	External	20-23
<i>Lepomis gibbosus</i>	Mollusca	<i>Lampsilis</i>	<i>radiata</i>	N. America	Complex	Generalist	External	20-23
<i>Lepomis gibbosus</i>	Nematoda	<i>Spinitectus</i>	<i>sp.</i>	N. America	Complex	Generalist	Internal	20-23
<i>Lepomis gibbosus</i>	Myxosporidia	<i>Myxobolus</i>	<i>osburni</i>	N. America	Complex	Generalist	Internal	20-23
<i>Lepomis gibbosus</i>	Myxosporidia	<i>Myxobolus</i>	<i>uvuliferis</i>	N. America	Complex	Generalist	Internal	20-23
<i>Lepomis gibbosus</i>	Myxosporidia	<i>Myxobolus</i>	<i>magnaspherus</i>	N. America	Complex		Internal	20-23
<i>Lepomis gibbosus</i>	Myxosporidia	<i>Myxobolus</i>	<i>dechtiari</i>	N. America	Complex		External	20-23
<i>Lepomis gibbosus</i>	Myxosporidia	<i>Myxobilatis</i>	<i>ohioensis</i>	N. America	Complex		Internal	20-23
<i>Lepomis gibbosus</i>	Nematoda	<i>Hysterothylacium</i>	<i>analarum</i>	N. America	Complex	Generalist	Internal	20-23

<i>Pseusorasbora parva</i>	Trematoda	<i>Clinostomum</i>	<i>complantatum</i>	Japan	Complex	generalist	internal	24
<i>Pseusorasbora parva</i>	Trematoda	<i>Parabucephalopsis</i>	<i>parasiluri</i>	Japan	Complex	generalist	internal	24
<i>Pseusorasbora parva</i>	Trematoda	<i>Pararhynchoides</i>	<i>ozakii</i>	Japan	Complex	generalist	internal	24
<i>Pseusorasbora parva</i>	Trematoda	<i>Holostephanus</i>	<i>metorchis</i>	Korea	Complex	generalist	internal	24
<i>Pseusorasbora parva</i>	Cestoda	<i>Digamma</i>	<i>sp.</i>	China	Complex	generalist	internal	24
<i>Pseusorasbora parva</i>	Cestoda	<i>Ligula</i>	<i>sp.</i>	China	Complex	generalist	internal	24
<i>Pseusorasbora parva</i>	Acanthocephala	<i>Acanthocephalus</i>	<i>opsariichthydis</i>	Japan	Complex	generalist	internal	24
<i>Pseusorasbora parva</i>	Trematoda	<i>Echinochasmus</i>	<i>japonicus</i>	Korea	Complex	generalist	External	24
<i>Pseusorasbora parva</i>	Monogenea	<i>Gyrodactylus</i>	<i>parvae</i>	China	Simple	Specialist	External	24
<i>Pseusorasbora parva</i>	Digenea	<i>Centrocestus</i>	<i>armatus</i>	Korea	Complex	generalist	External	24
<i>Pseusorasbora parva</i>	Digenea	<i>Monorchotrema</i>	<i>taihokui</i>	Taiwan	Complex	generalist	External	24
<i>Pseusorasbora parva</i>	Digenea	<i>Clonorchis</i>	<i>sinensis</i>	Widespread	Complex	generalist	Both	24
<i>Leucaspius delineatus</i>	Trematoda	<i>Posthodiplostomum</i>	<i>cuticula</i>	Poland	Complex	generalist	Internal	25-29
<i>Leucaspius delineatus</i>	Trematoda	<i>Dactylogyrus</i>	<i>sp.</i>	Bosnia	Simple	generalist	External	25-29
<i>Leucaspius delineatus</i>	Monogenea	<i>Dactylogyrus</i>	<i>minor</i>	Hungary	Simple	Specialist	External	25-29
<i>Leucaspius delineatus</i>	Monogenea	<i>Dactylogyrus</i>	<i>fraternis</i>	Hungary	Simple	Specialist	External	25-29
<i>Leucaspius delineatus</i>	Oligoohymenophorea	<i>Apiosoma</i>	<i>sp.</i>	Latvia	Simple	generalist	External	25-29
<i>Leucaspius delineatus</i>	Sporozoa	<i>Eimeria</i>	<i>sp.</i>	Latvia	Complex	generalist		25-29
<i>Leucaspius delineatus</i>	Myxosporea	<i>Myxobolus</i>	<i>ellipsoides</i>	Latvia	Complex	generalist	Internal	25-29

<i>Leucaspius delineatus</i>	Nematoda	<i>Rhabdochona</i>	<i>denudata</i>	Latvia	Complex	generalist	Internal	25-29
<i>Leucaspius delineatus</i>	Maxillopoda	<i>Argulus</i>	<i>foliaceus</i>	Latvia	Simple	generalist	External	25-29
<i>Leucaspius delineatus</i>	Maxillopoda	<i>Ergasilus</i>	<i>sieboldi</i>	Latvia	Simple	generalist	External	25-29
<i>Leucaspius delineatus</i>	Cestoda	<i>Ligula</i>	<i>intestinalis</i>	Ukraine	Complex	generalist	Internal	25-29
<i>Leucaspius delineatus</i>	Trematoda	<i>Mesostephanus</i>	<i>appendiculatus</i>	Georgia	Complex	generalist	Internal	28
<i>Ameirus melas</i>	Cestoda	<i>Proteocephalus</i>	<i>ambloplitis</i>	N. America	Complex	Generalist	Internal	30-37
<i>Ameirus melas</i>	Copepoda	<i>Ergasilus</i>	<i>versicolor</i>	N. America	Simple	Generalist	External	30-37
<i>Ameirus melas</i>	Cestoda	<i>Corallobothrium</i>	<i>fimbriatum</i>	N. America	Complex	Specialist	Internal	30-37
<i>Ameirus melas</i>	Nematoda	<i>Spiroxys</i>	<i>sp.</i>	N. America	Complex	Generalist	Internal	30-37
<i>Ameirus melas</i>	Acanthocephala	<i>Leptorhynchoides</i>	<i>thecatus</i>	N. America	Complex	Generalist	Internal	30-37
<i>Ameirus melas</i>	Monogenea	<i>Gyrodactylus</i>	<i>fairporti</i>	N. America	Simple	Generalist	External	30-37
<i>Ameirus melas</i>	Trematoda	<i>Phyllodistomum</i>	<i>caudatum</i>	N. America	Complex	Generalist	Internal	30-37
<i>Ameirus melas</i>	Trematoda	<i>Sellacotyle</i>	<i>mustelae</i>	N. America	Complex	Generalist	Internal	30-37
<i>Ameirus melas</i>	Cestoda	<i>Corallotaenia</i>	<i>parva</i>	N. America	Complex	Specialist	Internal	30-37
<i>Ameirus melas</i>	Trematoda	<i>Cleidodiscus</i>	<i>pricei</i>	N. America	Simple	Generalist	Internal	30-37
<i>Ameirus melas</i>	Trematoda	<i>Cleidodiscus</i>	<i>sp.</i>	N. America	Simple	Generalist	Internal	30-37
<i>Ameirus melas</i>	Trematoda	<i>Hysteromorpha</i>	<i>tribola</i>	N. America	Complex	Generalist	Internal	30-37
<i>Ameirus melas</i>	Monogenea	<i>Cleidodiscus</i>	<i>mirabilis</i>	N. America	Simple	Generalist	External	38
<i>Ameirus melas</i>	Digenea	<i>Pseudomagnivitellinum</i>	<i>ictalurum</i>	N. America	Simple	specialist	Internal	39
<i>Ameirus melas</i>	Digenea	<i>Alloglossidium</i>	<i>fonti</i>	N. America	Simple	specialist	Internal	40
<i>Rhodeus amarus</i>	Monogenea	<i>Dactylogyrus</i>	<i>bicornis</i>	Europe	Simple	Specialist	External	41
<i>Rhodeus amarus</i>	Monogenea	<i>Dactylogyrus</i>	<i>rarissimus</i>	Europe	Simple	Generalist	External	41
<i>Rhodeus amarus</i>	Monogenea	<i>Dactylogyrus</i>	<i>suecicus</i>	Europe	Simple	Generalist	External	41
<i>Rhodeus amarus</i>	Monogenea	<i>Dactylogyrus</i>	<i>yinwenyingae</i>	Europe	Simple	Generalist	External	41
<i>Rhodeus amarus</i>	Monogenea	<i>Gyrodactylus</i>	<i>laevis</i>	Europe	Simple	Generalist	External	41
<i>Rhodeus amarus</i>	Monogenea	<i>Gyrodactylus</i>	<i>rhodei</i>	Europe	Simple	Specialist	External	41
<i>Rhodeus amarus</i>	Monogenea	<i>Gyrodactylus</i>	<i>vimbi</i>	Europe	Simple	Generalist	External	41
<i>Rhodeus amarus</i>	Monogenea	<i>Paradiplozoon</i>	<i>homoion</i>	Europe	Simple	Generalist	External	41
<i>Rhodeus amarus</i>	Monogenea	<i>Digenea</i>	<i>sp. 1</i>	Europe	Complex	Generalist	Both	41
<i>Rhodeus amarus</i>	Monogenea	<i>Digenea</i>	<i>sp. 2</i>	Europe	Complex	Generalist	Both	41

<i>Rhodeus amarus</i>	Monogenea	<i>Digenea</i>	<i>spp.</i>	Europe	Complex	Generalist	Internal	41
<i>Rhodeus amarus</i>	Monogenea	<i>Bucephalus</i>	<i>polymorphus</i>	Europe	Complex	Generalist	Both	41
<i>Rhodeus amarus</i>	Monogenea	<i>Rhipidocotyle</i>	<i>illense</i>	Europe	Complex	Generalist	Both	41
<i>Rhodeus amarus</i>	Monogenea	<i>Sphaerostomum</i>	<i>bramae</i>	Europe	Complex	Generalist	Internal	41
<i>Rhodeus amarus</i>	Monogenea	<i>Sphaerostomum</i>	<i>globiporum</i>	Europe	Complex	Generalist	Internal	41
<i>Rhodeus amarus</i>	Monogenea	<i>Paryphostomum</i>	<i>radiatum</i>	Europe	Complex	Generalist	Both	41
<i>Rhodeus amarus</i>	Monogenea	<i>Petasiger</i>	<i>sp.</i>	Europe	Complex	Generalist	Internal	41
<i>Rhodeus amarus</i>	Monogenea	<i>Tylodelphys</i>	<i>clavata</i>	Europe	Complex	Generalist	Internal	41
<i>Rhodeus amarus</i>	Monogenea	<i>Posthodiplostomum</i>	<i>brevicaudatum</i>	Europe	Complex	Generalist	Both	41
<i>Rhodeus amarus</i>	Monogenea	<i>Posthodiplostomum</i>	<i>cuticola</i>	Europe	Complex	Generalist	Both	41
<i>Rhodeus amarus</i>	Monogenea	<i>Apharyngostrigea</i>	<i>cornu</i>	Europe	Complex	Generalist	Internal	41
<i>Rhodeus amarus</i>	Monogenea	<i>Ichthyocotylurus</i>	<i>platycephalus</i>	Europe	Complex	Generalist	Internal	41
<i>Rhodeus amarus</i>	Monogenea	<i>Ichthyocotylurus</i>	<i>variegatus</i>	Europe	Complex	Generalist	Internal	41
<i>Rhodeus amarus</i>	Monogenea	<i>Holostephanus</i>	<i>spp.</i>	Europe	Complex	Generalist	Both	41
<i>Rhodeus amarus</i>	Monogenea	<i>Clinostomum</i>	<i>complanatum</i>	Europe	Complex	Generalist	Both	41
<i>Rhodeus amarus</i>	Monogenea	<i>Metorchis</i>	<i>xanthosomus</i>	Europe	Complex	Generalist	Both	41
<i>Rhodeus amarus</i>	Monogenea	<i>Apophallus</i>	<i>muehlingi</i>	Europe	Complex	Generalist	External	41
<i>Rhodeus amarus</i>	Cestoda	<i>Cestoda</i>	<i>sp.</i>	Europe	Complex	Generalist	Internal	41
<i>Rhodeus amarus</i>	Cestoda	<i>Ligula</i>	<i>intestinalis</i>	Europe	Complex	Generalist	Internal	41
<i>Rhodeus amarus</i>	Cestoda	<i>Neogryporhynchus</i>	<i>cheilancristrotus</i>	Europe	Complex	Generalist	Internal	41
<i>Rhodeus amarus</i>	Nematoda	<i>Nematoda</i>	<i>sp.</i>	Europe	Complex	Generalist	Internal	41
<i>Rhodeus amarus</i>	Nematoda	<i>Pseudocapillaria</i>	<i>tomentosa</i>	Europe	Simple	Generalist	Internal	41
<i>Rhodeus amarus</i>	Nematoda	<i>Philometra</i>	<i>sp.</i>	Europe	Complex	Generalist	Internal	41
<i>Rhodeus amarus</i>	Nematoda	<i>Cosmocerca</i>	<i>sp.</i>	Europe	Simple	Generalist	External	41
<i>Rhodeus amarus</i>	Mollusca	<i>Anodonta</i>	<i>sp.</i>	Europe	Complex	Generalist	External	41
<i>Rhodeus amarus</i>	Mollusca	<i>Unio</i>	<i>sp.</i>	Europe	Complex	Generalist	External	41
<i>Rhodeus amarus</i>	Annelida	<i>Piscicola</i>	<i>geometra</i>	Europe	Simple	Generalist	External	41
<i>Rhodeus amarus</i>	Crustacea	<i>Crustacea</i>	<i>sp.</i>	Europe	Simple	Generalist	External	41
<i>Rhodeus amarus</i>	Crustacea	<i>Ergasilus</i>	<i>sieboldi</i>	Europe	Simple	Generalist	External	41
<i>Rhodeus amarus</i>	Crustacea	<i>Lernaea</i>	<i>cyprinacea</i>	Europe	Simple	Generalist	Both	41
<i>Rhodeus amarus</i>	Crustacea	<i>Caligus</i>	<i>sp.</i>	Europe	Simple	Generalist	External	41
<i>Rhodeus amarus</i>	Crustacea	<i>Argulus</i>	<i>foliaceus</i>	Europe	Simple	Generalist	External	41
<i>Pimephlaes promelas</i>	Cestoda	<i>Ligula</i>	<i>intestinalis</i>	widespread	Complex	generalist	Internal	42-44

<i>Pimephlaes promelas</i>	Trematoda	<i>Uvulifer</i>	<i>ambloplitis</i>	Americas	Complex	generalist	Internal	42-44
<i>Pimephlaes promelas</i>	Copepoda	<i>Ergasilus</i>	<i>cyprinaceus</i>	N. America	Simple	generalist	External	42-44
<i>Pimephlaes promelas</i>	Oligohymenophorea	<i>Trichodina</i>	<i>sp.</i>	N. America	Simple	generalist	External	42-44
<i>Pimephlaes promelas</i>	Myxosporea	<i>Myxosoma</i>	<i>funduli</i>	N. America		generalist	External	42-44
<i>Pimephlaes promelas</i>	Monogenea	<i>Dactylogyrus</i>	<i>bychowski</i>	N. America	Simple	generalist	External	42-44
<i>Pimephlaes promelas</i>	Monogenea	<i>Gyrodactylus</i>	<i>hoffmani</i>	N. America	Simple		External	42-44
<i>Pimephlaes promelas</i>	Trematoda	<i>Gyrodactylus</i>	<i>sp.</i>	N. America	Simple	generalist	External	42-44
<i>Pimephlaes promelas</i>	Trematoda	<i>Neascus</i>	<i>sp.</i>	N. America	Complex	generalist	Internal	42-44
<i>Pimephlaes promelas</i>	Trematoda	<i>Neascus</i>	<i>sp.</i>	N. America	Complex	generalist	Internal	42-44
<i>Pimephlaes promelas</i>	Trematoda	<i>Ornithodiplostomum</i>	<i>ptychocheilus</i>	N. America	Complex	specialist	Internal	45
<i>Pimephlaes promelas</i>	Trematoda	<i>Dactylogyrus</i>	<i>spp.</i>	N. America	Simple	generalist	Internal	46
<i>Pimephlaes promelas</i>	Trematoda	<i>Posthodiplostomum</i>	<i>minimum</i>	N. America	Complex	generalist	Internal	47
<i>Pimephlaes promelas</i>	Acanthocephala	<i>Neoechinorhynchus</i>	<i>rutili</i>	N. America	Complex	generalist	Internal	48, 49
<i>Pimephlaes promelas</i>	Trematoda	<i>Crassiphiala</i>	<i>bulboglossa</i>	N. America	Complex	generalist	External	50
<i>Pimephlaes promelas</i>	Trematoda	<i>Neascus</i>	<i>pyriformis</i>	N. America	Complex	generalist	External	50
<i>Pimephlaes promelas</i>	Trematoda	<i>Centrovarium</i>	<i>lobotes</i>	N. America	Complex	generalist	Internal	50
<i>Pimephlaes promelas</i>	Cestoda	<i>Proteocephalus</i>	<i>spp.</i>	N. America	Complex	generalist	Internal	50
<i>Pimephlaes promelas</i>	crustacea	<i>Ergasilus</i>	<i>confusus</i>	N. America	Simple	generalist	External	50
<i>Pimephlaes promelas</i>	crustacea	<i>Ergasilus</i>	<i>spp.</i>	N. America	Simple	generalist	External	50

<i>Pimephlaes promelas</i>	crustacea	<i>Lernaea</i>	<i>cyprinacea</i>	N. America	Simple	generalist	External	50
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1 Copp et al. (2009); 2 Barzegar & Jalali (2010); 3 Soylu (2005); 4 Mancheva et al. (2014) ;5 Zdarska and Nebesarova (2005); 6 Sattari et al. (2002); 7 Roohi et al. (2014); 8 Pazooki and Masoumian (2012); 9 Hanek and Fernando (1978); 10 Esch (1971); 11 Cone and Anderson (1977); 12 Rye and Baker (1984); 13 Piasecki and Falandysz (1994); 14 Hudson and Bowen (2002); 15 Grupcheva and Nedeva (2000); 16 Osborn (1911); 18 Aho et al. (1976); 18 Wilson and Ronald (1967); 19 Taylor et al. (1994); 20 Hockley et al. 2011; 21 Gozlan et al. (2010); 22 Zhang et al. (2007); 23 Avdul et al. (2011); 24 Skenderovic et al. (2011); 25 Molnar (1976); 26 Kirjušina and Vismanis (2007); 27 Davydov et al. (2003); 28 Galationov (1980); 29 Beyer et al. (2005); 30 Bangham (1941); 31 Lincicome and Van Cleave (1949); 32 Van Cleave (1921); 33 Steelman (1938); 34 Wallace (1935); 34 McAllister and Bursey (2011); 35 Seamster (1948); 36 Huggins (1954); 37 Davidova et al. (2008); 38 Mizelle and Cronin (1943); 39 Dronen and Underwood (1980); 40 Tkach and Mills (2011); 41 Held and Peterka (1974); 42 Wilmer and Rogers (1969); 43 Olsen (1986); 44 McDowell et al. (1992); 45 Radabaugh (1980); 46 Knipes and Janovy (2009); 47 Mitchell et al. (1982); 48 Samuel et al. (1976); 49 Merrit and Pratt (1964); 50 Voth and Larson (1968).