

List of parasite species detected in native fishes where the non-native fish were present. The non-native fish species in the first column enables cross-referencing of these parasite lists with the data presented in Table 3 of the article.

Non-native fish species	Genus	Species	Lifecycle	Host Specificity	Internal/external
<i>Siluris glanis</i>	<i>Echinostomatidae</i>		Complex	generalist	internal
<i>Siluris glanis</i>	<i>Dactylogyrus</i>		Simple	generalist	external
<i>Siluris glanis</i>	<i>Trichodina</i>		Simple	Generalist	External
<i>Siluris glanis</i>	<i>Diplostomum</i>		Complex	generalist	internal
<i>Siluris glanis</i>	<i>Tylodelphys</i>		Complex	Generalist	Internal
<i>Siluris glanis</i>	<i>Skijabillanus</i>	<i>scardinii</i>			
<i>Siluris glanis</i>	<i>Bothriocephalus</i>		Complex	Generalist	Internal
<i>Siluris glanis</i>	<i>Contracaecum</i>		Complex	Generalist	Internal
<i>Siluris glanis</i>	<i>Ichthyophthirius</i>	<i>multifiliis</i>	simple	generalist	External
<i>Siluris glanis</i>	<i>Trichodina</i>		Simple	Generalist	External
<i>Siluris glanis</i>	<i>Epistylis</i>	<i>sp.</i>	Simple	Generalist	External
<i>Siluris glanis</i>	<i>Argulus</i>	<i>foliaceus</i>	Simple	Generalist	External
<i>Siluris glanis</i>	<i>Trypanosoma</i>		Complex	Generalist	Internal
<i>Siluris glanis</i>	<i>Trichodina</i>		Simple	Generalist	External
<i>Siluris glanis</i>	<i>Icthyoboda</i>	<i>necator</i>			
<i>Siluris glanis</i>	<i>Echinostamatidae</i>		Complex	Generalist	External
<i>Siluris glanis</i>	<i>Piscicola</i>	<i>geometra</i>	Simple	Generalist	External
<i>Siluris glanis</i>	<i>Dactylogyrus</i>		Simple	generalist	external
<i>Siluris glanis</i>	<i>Diplozoidae</i>		Simple	Generalist	External
<i>Siluris glanis</i>	<i>Khawia</i>	<i>sinensis</i>	Complex	Generalist	internal
<i>Lepomis gibbosus</i>	<i>Argulus</i>	<i>sp.</i>	simple	generalist	external
<i>Lepomis gibbosus</i>	<i>Dactylogyrus</i>	<i>sp.</i>	simple	generalist	external
<i>Lepomis gibbosus</i>	<i>Diplozoan</i>	<i>sp.</i>	simple	generalist	external
<i>Pseudorasbora parva</i>	<i>Trichodina</i>		Simple	Generalist	External

<i>Pseusorasbora parva</i>	<i>Dactylogyrus</i>		Simple	Generalist	External
<i>Pseusorasbora parva</i>	<i>Diplostomum</i>		Complex	Generalist	Internal
<i>Pseusorasbora parva</i>	<i>Argulus</i>	<i>foliaceus</i>	Simple	Generalist	External
<i>Pseusorasbora parva</i>	<i>Schistocephalus</i>	<i>solidus</i>	Complex	Generalist	internal
<i>Ameirus melas</i>	<i>Diplozoan</i>	<i>paradoxeum</i>	simple	generalist	External
<i>Ameirus melas</i>	<i>Dactylogyrus</i>	<i>sp.</i>	simple	generalist	External
<i>Ameirus melas</i>	<i>Ergasilus</i>	<i>briani</i>	simple	generalist	External
<i>Ameirus melas</i>	<i>Neoergasilus</i>	<i>japonicus</i>	simple	generalist	External
<i>Ameirus melas</i>	<i>Argulus</i>	<i>foliaceus</i>	simple	generalist	External
<i>Ameirus melas</i>	<i>Contracaecum</i>		complex	generalist	internal
<i>Ameirus melas</i>	<i>Ligula</i>	<i>intestinalis</i>	complex	generalist	internal
<i>Rhodeus amarus</i>	<i>Tylodelphis</i>		Complex	Generalist	Internal
<i>Rhodeus amarus</i>	<i>Anguillocola</i>	<i>crassus</i>	Complex	Generalist	Internal
<i>Rhodeus amarus</i>	<i>Acanthocephalus</i>	<i>lucii</i>	Complex	Generalist	Internal
<i>Rhodeus amarus</i>	<i>Camallanus</i>	<i>lacustris</i>	Complex	Generalist	Internal
<i>Rhodeus amarus</i>	<i>Bunodera</i>	<i>luciopercae</i>	Complex	Generalist	external
<i>Rhodeus amarus</i>	<i>Apiosoma</i>		Simple	generalist	External
<i>Rhodeus amarus</i>	<i>Trichodina</i>		Simple	Generalist	External
<i>Rhodeus amarus</i>	<i>Dactylogyrus</i>		Simple	generalist	External
<i>Rhodeus amarus</i>	<i>Paraergasilus</i>	<i>longidigitus</i>	Simple	generalist	External
<i>Rhodeus amarus</i>	<i>Raphidascaaris</i>	<i>acus</i>	Complex	Generalist	Internal
<i>Rhodeus amarus</i>	<i>Triaenophorous</i>	<i>nodulosus</i>	Complex	generalist	Internal
<i>Rhodeus amarus</i>	<i>Neoechinorhynchus</i>	<i>rutili</i>	Complex	generalist	Internal
<i>Rhodeus amarus</i>	<i>Acanthocephalus</i>	<i>lucii</i>	Complex	generalist	Internal
<i>Rhodeus amarus</i>	<i>Piscicola</i>	<i>geometra</i>	Simple	Generalist	External
<i>Rhodeus amarus</i>	<i>Tetraonchus</i>	<i>monenteron</i>	Simple	generalist	External
<i>Rhodeus amarus</i>	<i>Allocreidium</i>	<i>isoporum</i>			
<i>Rhodeus amarus</i>	<i>Crepidostomum</i>	<i>sp.</i>	Complex	generalist	Internal
<i>Rhodeus amarus</i>	<i>Philometra</i>	<i>sp.</i>	Complex	Generalist	Internal
<i>Rhodeus amarus</i>	<i>Echinochasmus</i>		Complex	Generalist	Internal

<i>Rhodeus amarus</i>	<i>Glochidia</i>		Complex	Generalist	External
<i>Rhodeus amarus</i>	<i>Trichodina</i>		Simple	Generalist	External
<i>Rhodeus amarus</i>	<i>black spot</i>		Complex	Generalist	External
<i>Rhodeus amarus</i>	<i>Trypanosoma</i>		Complex	Generalist	Internal
<i>Rhodeus amarus</i>	<i>Myxobolus</i>		Complex	Generalist	Both
<i>Rhodeus amarus</i>	<i>Philometra</i>	<i>sp.</i>	Complex	Generalist	Internal
<i>Rhodeus amarus</i>	<i>Hysteromorpha</i>	<i>tribola</i>	Complex	Generalist	Internal
<i>Rhodeus amarus</i>	<i>Tylodelphys</i>		Complex	Generalist	Internal
<i>Rhodeus amarus</i>	<i>Caryophyllaeus</i>	<i>laticeps</i>	Complex	Generalist	Internal
<i>Rhodeus amarus</i>	<i>myxidium</i>				
<i>Rhodeus amarus</i>	<i>Diplostomum</i>		Complex	Generalist	Internal

Supplementary table 4- List of the parasites detected in the non-native fishes (cf. Table 3)

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>Thaparocheilus</i>	<i>vistulensis</i>	Simple	Specialist	External	This study
<i>Lepomis gibbosus</i>	Nematoda	<i>Contracaecum</i>	<i>rudolphi</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>Ameiurus melas</i>	Monogenea	<i>Ancyrocephalus</i>	<i>pricei</i>	Simple	Specific	External	This study
<i>Ameiurus 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	<i>Paracoenogonimus</i>	<i>ovatus</i>	Complex	Generalist	External	This study
<i>Rhodeus amarus</i>	Trematoda	<i>Echinochasmus</i>	<i>spp.</i>	Complex	Generalist	External	This study
<i>Rhodeus amarus</i>	Myxosporea	<i>Myxosporidean</i>	<i>sp.</i>		Generalist	Internal	This study
<i>Rhodeus amarus</i>	Oligoohymenophorea	<i>Ichthyophthirius</i>	<i>multifiliis</i>	Simple	Generalist	External	This study
<i>Rhodeus amarus</i>	Digenea	<i>Bucephalus</i>	<i>polymorphus</i>	Complex	Generalist	External	This study
<i>Rhodeus amarus</i>	Digenea	<i>Rhipidocotyle</i>	<i>campanula</i>	Complex	Generalist	External	This study
<i>Rhodeus amarus</i>	Digenea	<i>Neascus</i>	<i>sp.</i>	Complex	Generalist	External	This study
<i>Pimephales promelas</i>	Oligoohymenophorea	<i>Trichodina</i>	<i>sp.</i>	Simple	Generalist	External	This study