

Short food chains, high connectance and a high rate of cannibalism in food web networks of small intermittent estuaries

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Supplement 1

Table S1 – List of all taxa identified in the estuaries.

	Taxa
Portugal - Aljezur	Chlorophyta
	Ochrophyta
	Rhodophyta
	<i>Neosabellides sp.</i>
	<i>Alkmaria romijni</i>
	<i>Capitella capitata</i>
	<i>Pygospio elegans</i>
	<i>Streblospio shrubsolii</i>
	<i>Hediste diversicolor</i>
	<i>Eteone sp.</i>
	Oligochaeta
	<i>Peringia ulvae</i>
	<i>Ecrobia ventrosa</i>
	Semelidae
	<i>Scrobicularia plana</i>
	<i>Moerella donacina</i>
	<i>Corophium orientale</i>
	<i>Gammarus chevreuxi</i>
	<i>Cyathura carinata</i>
	Gnathiidae
	<i>Paragnathia formica</i>
	<i>Lekanesphaera hookeri</i>
	<i>Carcinus maenas</i>
	Phoronida
	<i>Anguilla anguilla</i>
	<i>Atherina boyeri</i>
	<i>Atherina presbyter</i>
	<i>Engraulis encrasicolus</i>
	<i>Chelon labrosus</i>
	<i>Liza aurata</i>
	<i>Liza ramada</i>
	<i>Dicentrarchus labrax</i>
	<i>Diplodus sargus</i>
	<i>Sparus aurata</i>

	Taxa
	<i>Gobius niger</i>
	<i>Pomatoschistus microps</i>
	<i>Solea senegalensis</i>
	<i>Solea solea</i>
	<i>Syngnathus acus</i>
Portugal - Bensafrim	Chlorophyta
	Ochrophyta
	Rhodophyta
	Nematoda
	<i>Alkmaria romijni</i>
	Capitellidae
	<i>Capitella capitata</i>
	<i>Pygospio elegans</i>
	<i>Streblospio shrubsolii</i>
	<i>Polydora sp.</i>
	<i>Magelona papillicornis</i>
	<i>Hediste diversicolor</i>
	<i>Mysta picta</i>
	Oligochaeta
	<i>Peringia ulvae</i>
	<i>Hydrobia acuta</i>
	<i>Cerastoderma sp.</i>
	<i>Scrobicularia plana</i>
	<i>Heterotanais oerstedii</i>
	<i>Cyathura carinata</i>
	<i>Paragnathia formica</i>
	<i>Palaemon elegans</i>
	Ostracoda
	Insecta
	<i>Atherina boyeri</i>
	<i>Chelon labrosus</i>
	<i>Liza aurata</i>
	<i>Liza ramada</i>
	<i>Liza spp.</i>
	<i>Dicentrarchus labrax</i>
	<i>Diplodus bellottii</i>
	<i>Diplodus sargus</i>
	<i>Diplodus vulgaris</i>
	<i>Sparus aurata</i>
	<i>Pomatoschistus microps</i>
	<i>Solea senegalensis</i>
Portugal - Gilão	Chlorophyta
	Ochrophyta
	Rhodophyta
	Nemertea
	Ampharetidae
	<i>Neosabellides sp.</i>
	<i>Alkmaria romijni</i>
	Capitellidae
	<i>Capitella capitata</i>
	<i>Heteromastus filiformis</i>

Taxa

Pygospio elegans
Streblospio shrubsolii
Scolelepis sp.
Magelona papillicornis
Hediste diversicolor
Nephtys hombergi
Glycera alba
Cirratulidae
Aphelochaeta marioni
Onuphis sp.
Owenia fusiformis
Ficopomatus enigmaticus
Chone sp.
Oligochaeta
Peringia ulvae
Ecrobia ventrosa
Acteon tornatilis
Cerastoderme edule
Pseudopythina sp.
Scrobicularia plana
Ruditapes decussatus
Corophium orientale
Leptocheirus pilosus
Gammaridae
Gammarus chevreuxi
Melitidae
Melita palmata
Microdeutopus gryllotalpa
Heterotanais oerstedii
Cyathura carinata
Lekanesphaera hookeri
Upogebiidae
Carcinus maenas
Copepoda
Insecta
Chironomidae
Membranipora membranacea
Phoronida
Atherina presbyter
Liza aurata
Liza ramada
Dicentrarchus labrax
Dicentrarchus puntactus
Diplodus sargus
Diplodus vulgaris
Sparus aurata
Sarpa salpa
Pomatoschistus microps
Pomatoschistus minutus

Portugal - Odeceixe

Chlorophyta
Ochrophyta

	Taxa
	Rhodophyta
	<i>Alkmaria romijni</i>
	<i>Capitella capitata</i>
	<i>Heteromastus filiformis</i>
	<i>Pygospio elegans</i>
	<i>Streblospio shrubsolii</i>
	<i>Hediste diversicolor</i>
	Oligochaeta
	<i>Peringia ulvae</i>
	<i>Ecrobia ventrosa</i>
	<i>Hydrobia acuta</i>
	<i>Cerastoderma glaucum</i>
	<i>Cerastoderme edule</i>
	Cardiidae
	<i>Abra alba</i>
	<i>Scrobicularia plana</i>
	Tellina sp.
	Veneridae
	<i>Corophium orientale</i>
	<i>Gammarus chevreuxi</i>
	<i>Heterotanais oerstedii</i>
	<i>Cyathura carinata</i>
	<i>Paragnathia formica</i>
	<i>Lekanesphaera hookeri</i>
	<i>Carcinus maenas</i>
	Ostracoda
	Insecta
	<i>Anguilla anguilla</i>
	<i>Atherina boyeri</i>
	<i>Atherina presbyter</i>
	<i>Chelon labrosus</i>
	<i>Liza aurata</i>
	<i>Liza ramada</i>
	<i>Dicentrarchus labrax</i>
	<i>Diplodus sargus</i>
	<i>Diplodus spp.</i>
	<i>Sparus aurata</i>
	<i>Pomatoschistus microps</i>
	<i>Solea solea</i>
	<i>Syngnathus acus</i>
France - Mauguio	Chlorophyta
	Ochrophyta
	Rhodophyta
	Nemertea
	Nematoda
	<i>Nereis sp.</i>
	<i>Nereis arenaceodonta</i>
	<i>Platynereis sp.</i>
	<i>Platynereis periniformes</i>
	<i>Notomastus latericeus</i>
	<i>Malococeros fuliginosus</i>

	Taxa
	Gastropoda
	Bivalvia
	Amphipoda
	<i>Gammarus crinicornis</i>
	Isopoda
	Copepoda
	Ostracoda
	Insecta
	<i>Anguilla anguilla</i>
	<i>Atherina boyeri</i>
	<i>Atherina hepsetus</i>
	<i>Engraulis encrasicolus</i>
	<i>Sardina pilchardus</i>
	<i>Sardinella aurita</i>
	<i>Gambusia affinis</i>
	<i>Salaria pavo</i>
	<i>Callionymus pusillus</i>
	<i>Gobius niger</i>
	<i>Pomatoschistus microps</i>
	<i>Pomatoschistus minutus</i>
	<i>Dicentrarchus labrax</i>
	<i>Liza aurata</i>
	<i>Chelon labrosus</i>
	<i>Mullus surmuletus</i>
	<i>Diplodus vulgaris</i>
	<i>Diplodus annularis</i>
	<i>Diplodus sargus</i>
	<i>Sparus aurata</i>
	<i>Sarpa salpa</i>
	<i>Echiichthys vipera</i>
	<i>Solea solea</i>
	<i>Scophthalmus rhombus</i>
	<i>Syngnathus abaster</i>
	<i>Syngnathus typhle</i>
France - Thau	Chlorophyta
	Ochrophyta
	Rhodophyta
	Nemertea
	Nematoda
	Polychaeta
	Gastropoda
	Bivalvia
	Amphipoda
	Isopoda
	Copepoda
	Ostracoda
	Insecta
	<i>Anguilla anguilla</i>
	<i>Atherina boyeri</i>
	<i>Atherina hepsetus</i>
	<i>Gambusia affinis</i>

	Taxa
	<i>Salaria pavo</i>
	<i>Callionymus pusillus</i>
	<i>Gobius niger</i>
	<i>Pomatoschistus microps</i>
	<i>Pomatoschistus minutus</i>
	<i>Dicentrarchus labrax</i>
	<i>Liza aurata</i>
	<i>Chelon labrosus</i>
	<i>Diplodus sargus</i>
	<i>Sparus aurata</i>
	<i>Sarpa salpa</i>
	<i>Echiichthys vipera</i>
	<i>Solea solea</i>
	<i>Scophthalmus rhombus</i>
	<i>Syngnathus abaster</i>
	<i>Syngnathus typhle</i>
France - Salse-leucate	Chlorophyta
	Ochrophyta
	Rhodophyta
	Nemertea
	Nematoda
	Polychaeta
	Gastropoda
	Bivalvia
	Amphipoda
	Isopoda
	Copepoda
	Ostracoda
	Insecta
	<i>Anguilla anguilla</i>
	<i>Atherina boyeri</i>
	<i>Atherina hepsetus</i>
	<i>Gambusia affinis</i>
	<i>Salaria pavo</i>
	<i>Callionymus pusillus</i>
	<i>Gobius niger</i>
	<i>Pomatoschistus microps</i>
	<i>Pomatoschistus minutus</i>
	<i>Dicentrarchus labrax</i>
	<i>Liza aurata</i>
	<i>Chelon labrosus</i>
	<i>Diplodus sargus</i>
	<i>Sparus aurata</i>
	<i>Sarpa salpa</i>
	<i>Echiichthys vipera</i>
	<i>Solea solea</i>
	<i>Scophthalmus rhombus</i>
	<i>Syngnathus abaster</i>
	<i>Syngnathus typhle</i>
France - Ingril	Chlorophyta
	Ochrophyta

Taxa

Rhodophyta
Nemertea
Nematoda
Polychaeta
Eunice sp.
Onuphis eremita
Aphrodita sp.
Nereis sp.
Nereis arenaceodonta
Platynereis sp.
Platynereis periniformes
Notomastus latericeus
Capitella capitata
Malococeros fuliginosus
Scolelepis sp.
Gastropoda
Acteon sp.
Bivalvia
Loripes lucinalis
Cerastoderma glaucum
Abra segmentum
Ruditapes decussatus
Amphipoda
Microdeutopus anomalus
Phthisica marina
Dexamine spinosa
Gammarus crinicornis
Gammaropsis sp.
Carcinus maenas
Isopoda
Idothea chelipes
Copepoda
Ostracoda
Insecta
Anguilla anguilla
Atherina boyeri
Sardina pilchardus
Sardinella aurita
Lichia amia
Trachurus mediterraneus
Gobius niger
Pomatoschistus minutus
Dicentrarchus labrax
Liza aurata
Mullus surmuletus
Diplodus annularis
Sparus aurata
Sarpa salpa
Solea solea

France - Saint-nazaire

Chlorophyta
Ochrophyta

	Taxa
	Rhodophyta
	Nemertea
	Nematoda
	Polychaeta
	Gastropoda
	Bivalvia
	Amphipoda
	Isopoda
	Copepoda
	Ostracoda
	Insecta
	<i>Anguilla anguilla</i>
	<i>Atherina boyeri</i>
	<i>Atherina hepsetus</i>
	<i>Gambusia affinis</i>
	<i>Salaria pavo</i>
	<i>Callionymus pusillus</i>
	<i>Gobius niger</i>
	<i>Pomatoschistus microps</i>
	<i>Pomatoschistus minutus</i>
	<i>Dicentrarchus labrax</i>
	<i>Liza aurata</i>
	<i>Chelon labrosus</i>
	<i>Diplodus sargus</i>
	<i>Sparus aurata</i>
	<i>Sarpa salpa</i>
	<i>Echiichthys vipera</i>
	<i>Solea solea</i>
	<i>Scophthalmus rhombus</i>
	<i>Syngnathus abaster</i>
	<i>Syngnathus typhle</i>
South Africa - East Klaineimond	Chlorophyta
	Ochrophyta
	Rhodophyta
	Nemertea
	Nematoda
	<i>Ceratonereis keiskamma</i>
	<i>Dendronereis arborifera</i>
	<i>Micronephthys sphaerocirrata</i>
	<i>Desdemona ornata</i>
	<i>Capitella capitata</i>
	<i>Prionospio sp.</i>
	Polychaeta
	Hirudinea
	Gastropoda
	<i>Assimineia sp.</i>
	<i>Nassarius kraussianus</i>
	Bivalvia
	<i>Solen capensis</i>
	<i>Arcuatula capensis</i>
	<i>Macoma litoralis</i>

Taxa

Americorophium triaenonyx
Grandidierella chelata
Urothoe serrulidactylus
Amphipoda
Iphinoe truncata
Hymenosoma orbiculare
Palaemon peringyi
Cyathura estuaria
Exosphaeroma hylecoetes
Excirrolana latipes
Xenanthura sp.
Gastrosaccus brevifissura
Halmyrapseudes cooperi
Pseudodiptomus hessei
Paracartia longipatella
Calanus agulhensis
Halicyclops spp.
Cyclops sp.
Oithona nana
Oithona plumifera
Copepoda
Chironomidae
Atherina breviceps
Hyporhamphus capensis
Gilchristella aestuaria
Elops machnata
Lichia amia
Micropterus punctulatus
Oreochromis mossambicus
Glossogobius callidus
Glossogobius giuris
Psammogobius knysnaensis
Pomadasys commersonnii
Pomadasys olivaceum
Monodactylus falciformis
Liza dumerili
Liza macrolepsis
Liza richardsonii
Liza tricuspidens
Mugil cephalus
Myxus capensis
Valamugil cunnesius
Valamugil robustus
Mugilidae
Pomatomus saltatrix
Argyrosomus japonicus
Diplodus capensis
Lithognathus lithognathus
Rhabdosargus holubi
Rhabdosargus sarba
Sarpa salpa

	Taxa
	<i>Heteromycteris capensis</i>
	<i>Solea turbynei</i>
	<i>Syngnathus acus</i>
	<i>Syngnathus watermeyeri</i>
South Africa - Mpekwani	Chlorophyta
	Ochrophyta
	Rhodophyta
	Nemertea
	Nematoda
	<i>Lumbrineris sp.</i>
	<i>Dendronereis arborifera</i>
	<i>Micronephthys sphaerocirrata</i>
	<i>Desdemona ornata</i>
	<i>Capitella capitata</i>
	<i>Prionospio sp.</i>
	Hirudinea
	<i>Hydractinia kaffraria</i>
	<i>Assimineia sp.</i>
	<i>Nassarius kraussianus</i>
	<i>Solen capensis</i>
	<i>Arcuatula capensis</i>
	<i>Eumarcia paupercula</i>
	<i>Macoma litoralis</i>
	<i>Americorophium triaenonyx</i>
	<i>Grandidierella chelata</i>
	<i>Podoceridae sp.</i>
	<i>Urothoe serrulidactylus</i>
	Amphipoda
	<i>Iphinoe truncata</i>
	<i>Hymenosoma orbiculare</i>
	<i>Cyathura estuaria</i>
	<i>Exosphaeroma hylecoetes</i>
	<i>Excirrolana latipes</i>
	<i>Xenanthura sp.</i>
	<i>Gastrosaccus brevifissura</i>
	<i>Halmyrapseudes cooperi</i>
	Copepoda
	Chironomidae
	<i>Atherina breviceps</i>
	<i>Hyporhamphus capensis</i>
	<i>Gilchristella aestuaria</i>
	<i>Elops machnata</i>
	<i>Caranx sexfasciatus</i>
	<i>Lichia amia</i>
	<i>Oreochromis mossambicus</i>
	<i>Glossogobius callidus</i>
	<i>Psammogobius knysnaensis</i>
	<i>Pomadasys commersonii</i>
	<i>Monodactylus falciformis</i>
	<i>Liza dumerili</i>
	<i>Liza richardsonii</i>

	Taxa
	<i>Liza tricuspidens</i>
	<i>Mugil cephalus</i>
	<i>Myxus capensis</i>
	<i>Pomatomus saltatrix</i>
	<i>Argyrosomus japonicus</i>
	<i>Acanthopagrus berda</i>
	<i>Lithognathus lithognathus</i>
	<i>Rhabdosargus holubi</i>
	<i>Rhabdosargus sarba</i>
	<i>Heteromycteris capensis</i>
	<i>Solea turbynei</i>
	<i>Syngnathus acus</i>
South Africa - Mtati	Chlorophyta
	Ochrophyta
	Rhodophyta
	Nemertea
	Nematoda
	<i>Dendronereis arborifera</i>
	<i>Desdemona ornata</i>
	<i>Capitella capitata</i>
	<i>Prionospio sp.</i>
	Polychaeta
	Gastropoda
	<i>Assiminea sp.</i>
	Bivalvia
	<i>Solen capensis</i>
	<i>Arcuatula capensis</i>
	<i>Macoma litoralis</i>
	<i>Americorophium triaenonyx</i>
	<i>Grandidierella chelata</i>
	<i>Podoceridae sp.</i>
	<i>Urothoe serrulidactylus</i>
	Amphipoda
	<i>Iphinoe truncata</i>
	Cumacea
	<i>Hymenosoma orbiculare</i>
	<i>Cyathura estuaria</i>
	<i>Exosphaeroma hylecoetes</i>
	<i>Gastrosaccus brevifissura</i>
	<i>Halmyrapseudes cooperi</i>
	Copepoda
	Chironomidae
	<i>Atherina breviceps</i>
	<i>Hyporhamphus capensis</i>
	<i>Gilchristella aestuaria</i>
	<i>Elops machnata</i>
	<i>Lichia amia</i>
	<i>Oreochromis mossambicus</i>
	<i>Glossogobius callidus</i>
	<i>Psammogobius knysnaensis</i>
	<i>Pomadasy commersonii</i>

	Taxa
	<i>Monodactylus falciformis</i>
	<i>Liza dumerili</i>
	<i>Liza richardsonii</i>
	<i>Liza tricuspidens</i>
	<i>Mugil cephalus</i>
	<i>Myxus capensis</i>
	<i>Valamugil buchanani</i>
	<i>Valamugil cunnesius</i>
	<i>Argyrosomus japonicus</i>
	<i>Lithognathus lithognathus</i>
	<i>Rhabdosargus holubi</i>
	<i>Terapon jarbua</i>
	<i>Heteromycteris capensis</i>
	<i>Solea turbynei</i>
	<i>Syngnathus acus</i>
South Africa - Gqutywa	Chlorophyta
	Ochrophyta
	Rhodophyta
	Nemertea
	Nematoda
	<i>Lumbrineris sp.</i>
	<i>Dendronereis arborifera</i>
	<i>Micronephthys sphaerocirrata</i>
	<i>Desdemona ornata</i>
	<i>Capitella capitata</i>
	<i>Prionospio sexoculata</i>
	<i>Prionospio sp.</i>
	Oligochaeta
	Hirudinea
	Gastropoda
	<i>Assimineia sp.</i>
	<i>Nassarius kraussianus</i>
	Bivalvia
	<i>Solen capensis</i>
	<i>Arcuatula capensis</i>
	<i>Macoma litoralis</i>
	<i>Hiatula capensis</i>
	<i>Grandidierella chelata</i>
	<i>Urothoe serrulidactylus</i>
	Amphipoda
	<i>Iphinoe truncata</i>
	<i>Calianassa kraussii</i>
	<i>Hymenosoma orbiculare</i>
	<i>Cyathura estuaria</i>
	<i>Exosphaeroma hylecoetes</i>
	<i>Xenanthura sp.</i>
	<i>Halmyrapseudes cooperi</i>
	Copepoda
	Chironomidae
	<i>Atherina breviceps</i>
	<i>Gilchristella aestuaria</i>

Taxa

Lichia amia
Oreochromis mossambicus
Gerres longirostris
Glossogobius callidus
Psammogobius knysnaensis
Pomadasys commersonii
Pomadasys olivaceum
Monodactylus falciformis
Liza dumerili
Liza richardsonii
Liza tricuspidens
Mugil cephalus
Myxus capensis
Valamugil cunnesius
Pomatomus saltatrix
Argyrosomus japonicus
Lithognathus lithognathus
Rhabdosargus globiceps
Rhabdosargus holubi
Terapon jarbua
Heteromycteris capensis
Solea turbynei
Syngnathus acus

South Africa - Kasouga

Chlorophyta
Ochrophyta
Rhodophyta
Nemertea
Nematoda
Polychaeta
Gastropoda
Bivalvia
Grandidierella lignorum
Amphipoda
Anomura
Iphinoe truncata
Palaemon peringyi
Isopoda
Macrura
Mesopodopsis wooldridgei
Rhopalophthalmus terranatalis
Pseudodiaptomus hessei
Paracartia longipatella
Halicyclops spp.
Oithona brevicornis
Oithona nana
Copepoda
Chironomidae
Atherina breviceps
Gilchristella aestuaria
Caranx sexfasciatus
Lichia amia

	Taxa
	<i>Oreochromis mossambicus</i>
	<i>Glossogobius callidus</i>
	<i>Psammogobius knysnaensis</i>
	<i>Pomadasys olivaceum</i>
	<i>Monodactylus falciformis</i>
	<i>Liza dumerili</i>
	<i>Liza richardsonii</i>
	<i>Liza tricuspidens</i>
	<i>Mugil cephalus</i>
	<i>Myxus capensis</i>
	<i>Argyrosomus japonicus</i>
	<i>Diplodus capensis</i>
	<i>Lithognathus lithognathus</i>
	<i>Rhabdosargus holubi</i>
	<i>Sarpa salpa</i>
	<i>Heteromycteris capensis</i>
	<i>Galeichthys feliceps</i>
South Africa - Kabeljous	Chlorophyta
	Ochrophyta
	Rhodophyta
	Nemertea
	Nematoda
	<i>Lumbrineris sp.</i>
	<i>Ceratonereis keiskamma</i>
	<i>Desdemona ornata</i>
	<i>Capitella capitata</i>
	<i>Prionospio sexoculata</i>
	<i>Prionospio sp.</i>
	Oligochaeta
	Hirudinea
	Gastropoda
	<i>Assimineia sp.</i>
	Bivalvia
	<i>Macoma litoralis</i>
	<i>Hiatula capensis</i>
	<i>Americorophium triaenonyx</i>
	<i>Grandidierella lutosa</i>
	<i>Podoceridae sp.</i>
	<i>Urothoe serrulidactylus</i>
	Amphipoda
	<i>Iphinoe truncata</i>
	Cumacea
	<i>Hymenosoma orbiculare</i>
	<i>Spiroplax spiralis</i>
	<i>Cyathura estuaria</i>
	<i>Exosphaeroma hylecoetes</i>
	<i>Excirrolana latipes</i>
	<i>Xenanthura sp.</i>
	Copepoda
	Chironomidae
	<i>Atherina breviceps</i>

	Taxa
	<i>Gilchristella aestuaria</i>
	<i>Lichia amia</i>
	<i>Oreochromis mossambicus</i>
	Gobiidae
	<i>Pomadasys commersonii</i>
	<i>Monodactylus falciformis</i>
	<i>Liza dumerili</i>
	<i>Liza richardsonii</i>
	<i>Liza tricuspidens</i>
	<i>Mugil cephalus</i>
	<i>Diplodus sargus</i>
	<i>Lithognathus lithognathus</i>
	<i>Rhabdosargus holubi</i>
South Africa - Van stadens	Chlorophyta
	Ochrophyta
	Rhodophyta
	Nemertea
	Nematoda
	<i>Ceratonereis keiskamma</i>
	<i>Desdemona ornata</i>
	<i>Capitella capitata</i>
	<i>Prionospio sexoculata</i>
	<i>Prionospio sp.</i>
	Oligochaeta
	Hirudinea
	<i>Hydractinia kaffraria</i>
	Gastropoda
	<i>Assimineia sp.</i>
	Bivalvia
	<i>Arcuatula capensis</i>
	<i>Macoma litoralis</i>
	<i>Hiatula capensis</i>
	<i>Americorophium triaenonyx</i>
	<i>Grandidierella lutosa</i>
	<i>Urothoe serrulidactylus</i>
	<i>Iphinoe truncata</i>
	<i>Hymenosoma orbiculare</i>
	<i>Paratyloplax algoense</i>
	<i>Cyathura estuaria</i>
	<i>Excirrolana latipes</i>
	<i>Xenanthura sp.</i>
	Copepoda
	Chironomidae
	<i>Atherina breviceps</i>
	<i>Gilchristella aestuaria</i>
	<i>Lichia amia</i>
	Gobiidae
	<i>Pomadasys commersonii</i>
	<i>Monodactylus falciformis</i>
	<i>Liza dumerili</i>
	<i>Liza richardsonii</i>

	Taxa
	<i>Mugil cephalus</i>
	<i>Pomatomus saltatrix</i>
	<i>Argyrosomus japonicus</i>
	<i>Diplodus sargus</i>
	<i>Lithognathus lithognathus</i>
	<i>Rhabdosargus holubi</i>
	<i>Galeichthys feliceps</i>
	<i>Myliobatus aquila</i>
Australia - Cockrone	Chlorophyta
	Ochrophyta
	Rhodophyta
	Nematoda
	Glossiphoniidae
	Polychaeta
	Nereididae
	<i>Australonereis ehlersi</i>
	<i>Nereis maxillodentata</i>
	<i>Simplisetia aequisetis</i>
	<i>Simplisetia turveyi</i>
	Capitellidae
	<i>Notomastus estuarius</i>
	<i>Leitoscoloplos sp.</i>
	<i>Scoloplos simplex</i>
	<i>Leitoscoloplos bifurcatus</i>
	<i>Orthoprionospio sp.</i>
	Oligochaeta
	Gastropoda
	<i>Salinator fragilis</i>
	<i>Assimonia siennae</i>
	<i>Tatea rufilabris</i>
	<i>Ascorhis victoriae</i>
	Bivalvia
	<i>Xenostrobus securis</i>
	<i>Arctica sp.</i>
	<i>Arthritica helmsi</i>
	<i>Fluviolanatus subtortus</i>
	<i>Donax deltoides</i>
	Amphipoda
	<i>Paracorophium sp.</i>
	<i>Melita sp.</i>
	<i>Paracalliope australis</i>
	<i>Paracalliope sp.</i>
	Isopoda
	<i>Cymodetta sp.</i>
	Harparticoida
	<i>Chironomus sp.</i>
	<i>Stenosialis australiensis</i>
	<i>Atherinosoma microstoma</i>
	<i>Hyporhamphus regularis</i>
	<i>Gambusia holbrooki</i>
	<i>Ambassis jacksoniensis</i>

	Taxa
	<i>Philypnodon grandiceps</i>
	<i>Afurcagobius tamarensis</i>
	<i>Liza argentea</i>
	<i>Mugil cephalus</i>
	<i>Acanthopagrus australis</i>
Australia - Avoca	Chlorophyta
	Ochrophyta
	Rhodophyta
	Nematoda
	Glossiphoniidae
	Polychaeta
	<i>Marphysa sanguinea</i>
	Nereididae
	<i>Australonereis ehlersi</i>
	<i>Nereis maxillodentata</i>
	<i>Simplisetia aequisetis</i>
	Capitellidae
	<i>Notomastus estuarius</i>
	<i>Leitoscoloplos sp.</i>
	<i>Scoloplos simplex</i>
	<i>Orthoprionospio sp.</i>
	Oligochaeta
	Gastropoda
	<i>Salinator fragilis</i>
	<i>Dolabella auricularia</i>
	<i>Assimonia siennae</i>
	<i>Ascorhis victoriae</i>
	<i>Nassarius jonasii</i>
	<i>Onchidella nigricans</i>
	Bivalvia
	<i>Xenostrobus securis</i>
	<i>Arthritica helmsi</i>
	<i>Hiatula alba</i>
	<i>Fluviolanatus subtortus</i>
	<i>Donax deltoides</i>
	Amphipoda
	<i>Paracorophium sp.</i>
	<i>Melita sp.</i>
	<i>Paracalliope australis</i>
	<i>Paracalliope sp.</i>
	Isopoda
	<i>Cymodetta sp.</i>
	Harpacticoida
	<i>Chironomus sp.</i>
	<i>Atherinosoma microstoma</i>
	<i>Hyporhamphus regularis</i>
	<i>Herklotsichthys castelnaui</i>
	<i>Hyperlophus vittatus</i>
	<i>Gambusia holbrooki</i>
	<i>Arripis trutta</i>
	<i>Pseudocaranx georgiannus</i>

	Taxa
	<i>Philypnodon grandiceps</i>
	<i>Afurcagobius tamarensis</i>
	<i>Girella tricuspidata</i>
	<i>Mugil cephalus</i>
	<i>Myxus elongatus</i>
	<i>Sillago ciliata</i>
Australia - Terrigal	Chlorophyta
	Ochrophyta
	Rhodophyta
	Nematoda
	Polychaeta
	<i>Marphysa sanguinea</i>
	Nereididae
	<i>Australonereis ehlersi</i>
	<i>Nereis maxillodentata</i>
	<i>Simplisetia aequisetis</i>
	<i>Simplisetia turveyi</i>
	Capitellidae
	<i>Notomastus estuarius</i>
	<i>Leitoscoloplos sp.</i>
	<i>Scoloplos simplex</i>
	<i>Leitoscoloplos bifurcatus</i>
	Oligochaeta
	Gastropoda
	Bivalvia
	<i>Xenostrobus securis</i>
	<i>Arthritica helmsi</i>
	<i>Hiatula alba</i>
	<i>Donax deltoides</i>
	Amphipoda
	<i>Paracorophium sp.</i>
	Isopoda
	<i>Cymodetta sp.</i>
	Harparticoida
	<i>Chironomus sp.</i>
	<i>Hyporhamphus regularis</i>
	<i>Herklotsichthys castelnaui</i>
	<i>Gambusia holbrooki</i>
	<i>Heterodontus portusjacksoni</i>
	<i>Ambassis jacksoniensis</i>
	<i>Ambassis marianus</i>
	<i>Trachinotus sp.</i>
	<i>Philypnodon grandiceps</i>
	<i>Gerres subfasciatus</i>
	<i>Afurcagobius tamarensis</i>
	<i>Arenigobius bifrenatus</i>
	<i>Gobiopterus semivestitus</i>
	<i>Girella tricuspidata</i>
	<i>Monodactylus argenteus</i>
	<i>Liza argentea</i>
	<i>Mugil cephalus</i>

	Taxa
	<i>Myxus elongatus</i>
	<i>Macquaria colonorum</i>
	<i>Pomatomus saltatrix</i>
	<i>Sillago ciliata</i>
	<i>Acanthopagrus australis</i>
	<i>Rhabdosargus sarba</i>
	<i>Pseudorhombus arsius</i>
	<i>Centropogon australis</i>
	<i>Platycephalus fuscus</i>
	<i>Platycephalus longispinis</i>
	<i>Tetractenos hamiltoni</i>
Australia - Wamberal	Chlorophyta
	Ochrophyta
	Rhodophyta
	Platyhelminthes
	Nematoda
	Glossiphoniidae
	Polychaeta
	<i>Marphysa sanguinea</i>
	<i>Marphysa sessilebranchiata</i>
	Nereididae
	<i>Australonereis ehlersi</i>
	<i>Nereis maxillodentata</i>
	<i>Simplisetia aequisetis</i>
	<i>Simplisetia turveyi</i>
	Serpulidae
	Capitellidae
	<i>Notomastus estuarius</i>
	Orbiniidae
	<i>Leitoscoloplos sp.</i>
	<i>Scoloplos simplex</i>
	<i>Leitoscoloplos bifurcatus</i>
	<i>Orthoprionospio sp.</i>
	Oligochaeta
	Gastropoda
	<i>Salinator fragilis</i>
	<i>Assimonia siennae</i>
	<i>Tatea rufilabris</i>
	<i>Ascorhis victoriae</i>
	Bivalvia
	<i>Xenostrobus securis</i>
	<i>Arctica sp.</i>
	<i>Arthritica helmsi</i>
	<i>Hiatula alba</i>
	<i>Fluviolanatus subtortus</i>
	<i>Donax deltoides</i>
	Chelicerata
	Amphipoda
	<i>Paracorophium sp.</i>
	<i>Melita sp.</i>
	<i>Paracalliope australis</i>

	Taxa
	<i>Paracalliope</i> sp.
	Isopoda
	<i>Chelanthura calaena</i>
	<i>Cymodetta</i> sp.
	<i>Halicarcinus</i> sp.
	Harparticoida
	<i>Chironomus</i> sp.
	<i>Anguilla reinhardtii</i>
	<i>Atherinosoma microstoma</i>
	<i>Pseudomugil signifer</i>
	<i>Hyporhamphus regularis</i>
	<i>Herklotsichthys castelnaui</i>
	<i>Repomucenus calcaratus</i>
	<i>Philypnodon grandiceps</i>
	<i>Pseudogobius</i> sp.
	<i>Liza argentea</i>
	<i>Mugil cephalus</i>
	<i>Myxus elongatus</i>
	<i>Acanthopagrus australis</i>
	<i>Platycephalus fuscus</i>
Australia - Illawarra	Chlorophyta
	Ochrophyta
	Rhodophyta
	Platyhelminthes
	Nematoda
	Polychaeta
	Oligochaeta
	Gastropoda
	Bivalvia
	Amphipoda
	Isopoda
	Harparticoida
	<i>Chironomus</i> sp.
	<i>Atherinosoma elongata</i>
	<i>Atherinosoma microstoma</i>
	<i>Pseudomugil signifer</i>
	<i>Hyporhamphus australis</i>
	<i>Hyporhamphus regularis</i>
	<i>Hyperlophus vittatus</i>
	<i>Ambassis jacksoniensis</i>
	<i>Petroscirtes lupus</i>
	<i>Pseudocaranx dentex</i>
	<i>Philypnodon grandiceps</i>
	<i>Enoplosus armatus</i>
	<i>Gerres subfasciatus</i>
	<i>Afurcagobius tamarensis</i>
	<i>Amoya bifrenatus</i>
	<i>Amoya frenatus</i>
	<i>Bathygobius krefftii</i>
	<i>Favonigobius exquisitus</i>
	<i>Favonigobius lateralis</i>

Taxa

Gobiopterus semivestitus
Pseudogobius olorum
Redigobius macrostoma
Girella tricuspidata
Scorpiis lineolata
Achoerodus viridis
Monodactylus argenteus
Mugil cephalus
Myxus elongatus
Parupeneus signatus
Upeneus tragula
Pomatomus saltatrix
Siganus fuscescens
Sillago ciliata
Sillago maculata
Acanthopagrus australis
Rhabdosargus sarba
Sphyraena flavicauda
Pelates quadrilineatus
Helotes sexlineatus
Centropogon australis
Fistularia commersonii
Stigmatopora nigra
Urocampus carinirostris
Vanacampus phillipi
Vanacampus poecilolaemus
Dicotylichthys punctulatus
Acanthaluteres spilomelanurus
Brachaluteres jacksonianus
Meuschenia freycineti
Meuschenia trachylepis
Monacanthus chinensis
Nelusetta ayraud
Acanthaluteres vittiger
Scobinichthys granulatus
Arothron firmamentum
Tetractenos glaber
Tetractenos hamiltoni

Australia - Conjola

Chlorophyta
Ochrophyta
Rhodophyta
Platyhelminthes
Nematoda
Polychaeta
Oligochaeta
Gastropoda
Bivalvia
Amphipoda
Isopoda
Harpacticoida
Chironomus sp.

Taxa

Anguilla reinhardtii
Anguilla australis
Scolecenchelys australis
Ophisurus serpens
Atherinomorus vaigiensis
Atherinosoma elongata
Atherinosoma microstoma
Leptatherina presbyteroides
Iso rhotophilus
Pseudomugil signifer
Hyporhamphus australis
Hyporhamphus regularis
Tylosurus gavialoides
Engraulis australis
Herklotsichthys castelnaui
Hyperlophus vittatus
Sardinops sagax
Spratelloides robustus
Antennarius striatus
Galaxias maculatus
Ambassis jacksoniensis
Ambassis marianus
Arripis trutta
Parablennius tasmanianus
Petroscirtes lupus
Pseudocaranx dentex
Trachurus novaezelandiae
Cristiceps australis
Dinolestes lewini
Gobiomorphus australis
Hypseleotris compressa
Philypnodon grandiceps
Enoplosus armatus
Gerres subfasciatus
Afurcagobius tamarensis
Amoya bifrenatus
Amoya frenatus
Arenigobius bifrenatus
Arenigobius frenatus
Bathygobius krefftii
Callogobius depressus
Cryptocentroides cristatus
Favonigobius exquisitus
Favonigobius lateralis
Gobiopterus semivestitus
Pseudogobius olorum
Redigobius macrostoma
Girella elevata
Girella tricuspidata
Scorpius lineolata
Achoerodus viridis

Taxa

Lethrinus genivittatus
Lethrinus nebulosus
Monodactylus argenteus
Aldrichetta forsteri
Liza argentea
Mugil cephalus
Paramugil georgii
Myxus elongatus
Parupeneus signatus
Upeneus tragula
Neoodax balteatus
Pomatomus saltatrix
Siganus fuscescens
Sillago ciliata
Sillago maculata
Acanthopagrus australis
Sparus aurata
Rhabdosargus sarba
Sphyræna flavicauda
Pelates quadrilineatus
Helotes sexlineatus
Terapon jarbua
Ammotretis rostratus
Pseudorhombus arsius
Pseudorhombus jenynsii
Brachirus nigra
Centropogon australis
Chelidonichthys kumu
Notesthes robusta
Platycephalus endrachtensis
Platycephalus fuscus
Scorpaena cardinalis
Stigmatopora argus
Stigmatopora nigra
Urocampus carinirostris
Vanacampus margaritifer
Vanacampus phillipi
Vanacampus poecilolaemus
Dicotylichthys punctulatus
Diodon nicthemerus
Acanthaluteres spilomelanurus
Brachaluteres jacksonianus
Meuschenia freycineti
Meuschenia trachylepis
Monacanthus chinensis
Nelusetta ayraud
Scobinichthys granulatus
Contusus richei
Tetractenos glaber
Tetractenos hamiltoni
Torquigener pleurogramma

	Taxa
	<i>Trygonoptera testacea</i>
Australia - Burril	Chlorophyta
	Ochrophyta
	Rhodophyta
	Platyhelminthes
	Nematoda
	Polychaeta
	Oligochaeta
	Gastropoda
	Bivalvia
	Amphipoda
	Isopoda
	Harparticoida
	<i>Chironomus sp.</i>
	<i>Anguilla reinhardtii</i>
	<i>Atherinosoma elongata</i>
	<i>Atherinosoma microstoma</i>
	<i>Pseudomugil signifer</i>
	<i>Hyporhamphus australis</i>
	<i>Hyporhamphus regularis</i>
	<i>Hyperlophus vittatus</i>
	<i>Ambassis jacksoniensis</i>
	<i>Petroscirtes lupus</i>
	<i>Pseudocaranx dentex</i>
	<i>Hypseleotris compressa</i>
	<i>Philypnodon grandiceps</i>
	<i>Enoplosus armatus</i>
	<i>Gerres subfasciatus</i>
	<i>Afurcagobius tamarensis</i>
	<i>Amoya bifrenatus</i>
	<i>Amoya frenatus</i>
	<i>Favonigobius exquisitus</i>
	<i>Favonigobius lateralis</i>
	<i>Gobiopterus semivestitus</i>
	<i>Pseudogobius olorum</i>
	<i>Redigobius macrostoma</i>
	<i>Girella tricuspidata</i>
	<i>Scorpiis lineolata</i>
	<i>Achoerodus viridis</i>
	<i>Monodactylus argenteus</i>
	<i>Liza argentea</i>
	<i>Mugil cephalus</i>
	<i>Myxus elongatus</i>
	<i>Pomatomus saltatrix</i>
	<i>Scarus sp.</i>
	<i>Siganus fuscescens</i>
	<i>Acanthopagrus australis</i>
	<i>Rhabdosargus sarba</i>
	<i>Pelates quadrilineatus</i>
	<i>Helotes sexlineatus</i>
	<i>Centropogon australis</i>

Taxa

Fistularia commersonii
Stigmatopora argus
Stigmatopora nigra
Urocampus carinirostris
Vanacampus phillipi
Vanacampus poecilolaemus
Dicotylichthys punctulatus
Acanthaluteres spilomelanurus
Meuschenia freycineti
Meuschenia trachylepis
Monacanthus chinensis
Scobinichthys granulatus
Arothron firmamentum
Tetractenos glaber
Tetractenos hamiltoni

Supplement 2**References used to establish feeding links between the taxa**

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