

# **Supplementary Material for ‘Enhancing the analysis of the pelagic food web within the oceanic Marine Protected Area Yaganes and its surrounding areas’**

## **Methodology**

### **Food web construction**

The following figure and tables summarise the data we used to build the network of trophic (predator-prey) interactions for the Marine Protected Area Yaganes ecosystem. Table 1 is the complete list of trophic interactions and references that confirm each of them. Table 2 is the species list with details on trophic species cases (aggregated taxa).

Table 1: List of predator-prey (trophic) interactions used to build the network for the Marine Protected Area Yaganes ecosystem (MPAY).

Prey	Predator	Reference	Link	Observations
Euphausiidae	Alluruteuthis_antarcticus	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Pleuragramma_antarcticum	Alluruteuthis_antarcticus	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Batoteuthis_skolops	Alluruteuthis_antarcticus	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Copepoda_others	Amphipoda	Dauby_etal_2001	<a href="https://doi.org/10.1023/A:1017596120422">https://doi.org/10.1023/A:1017596120422</a>	Inferred from Jassa sp
Detritus	Anuropus_antarcticus		NA	
Detritus	Anuropus_australis	Schulutz, G. A._1975	<a href="https://doi.org/10.1029/AR023p0069">https://doi.org/10.1029/AR023p0069</a>	
Themisto_gaudichaudii	Ardenna_gravis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Doryteuthis_gahi	Ardenna_gravis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Sprattus_fuegensis	Ardenna_gravis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Themisto_gaudichaudii	Balaenoptera_acutorostrata	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Grimothea_gregaria	Balaenoptera_acutorostrata	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Micromesistius_australis	Balaenoptera_acutorostrata	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Sprattus_fuegensis	Balaenoptera_acutorostrata	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
CtenoCalanoida_vanus	Balaenoptera_acutorostrata	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Drepanopus_forcipatus	Balaenoptera_acutorostrata	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Neocalanoida_tonsus	Balaenoptera_acutorostrata	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Euphausiidae	Balaenoptera_bonaerensis	Alvarez, F. et al_2022	<a href="https://doi.org/10.1007/s00300-022-03080-x">https://doi.org/10.1007/s00300-022-03080-x</a>	
Themisto_gaudichaudii	Balaenoptera_bonaerensis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Sprattus_fuegensis	Balaenoptera_bonaerensis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
CtenoCalanoida_vanus	Balaenoptera_bonaerensis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Drepanopus_forcipatus	Balaenoptera_bonaerensis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Neocalanoida_tonsus	Balaenoptera_bonaerensis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Euphausiidae	Balaenoptera_borealis	Basso_etal_2020	<a href="https://doi.org/10.1007/s00300-019-02607-z">https://doi.org/10.1007/s00300-019-02607-z</a>	
Gymnoscopelus_spp	Balaenoptera_borealis	Basso_etal_2020	<a href="https://doi.org/10.1007/s00300-019-02607-z">https://doi.org/10.1007/s00300-019-02607-z</a>	

Prey	Predator	Reference	Link	Observations
Kreftichthys_andersoni	Balaenoptera_borealis	Bassoietal_2020	<a href="https://doi.org/10.1007/s00300-019-02607-z">https://doi.org/10.1007/s00300-019-02607-z</a>	
Themisto_gaudichaudii	Balaenoptera_borealis	Marina_et_al_inrev.	NA	Inferred from Burdwood Bank ecosystem
Grimothea_gregaria	Balaenoptera_borealis	Marina_et_al_inrev.	NA	Inferred from Burdwood Bank ecosystem
Sprattus_fuegensis	Balaenoptera_borealis	Marina_et_al_inrev.	NA	Inferred from Burdwood Bank ecosystem
CtenoCalanoida_vanus	Balaenoptera_borealis	Marina_et_al_inrev.	NA	Inferred from Burdwood Bank ecosystem
Drepanopus_forcipatus	Balaenoptera_borealis	Marina_et_al_inrev.	NA	Inferred from Burdwood Bank ecosystem
Neocalanoida_tonsus	Balaenoptera_borealis	Marina_et_al_inrev.	NA	Inferred from Burdwood Bank ecosystem
RhinCalanoida_gigas	Balaenoptera_borealis	Marina_et_al_inrev.	NA	Inferred from Burdwood Bank ecosystem
Electrona_spp	Balaenoptera_physalus	Bassoietal_2020	<a href="https://doi.org/10.1007/s00300-019-02607-z">https://doi.org/10.1007/s00300-019-02607-z</a>	
Gymnoscopelus_spp	Balaenoptera_physalus	Bassoietal_2020	<a href="https://doi.org/10.1007/s00300-019-02607-z">https://doi.org/10.1007/s00300-019-02607-z</a>	
Kreftichthys_andersoni	Balaenoptera_physalus	Bassoietal_2020	<a href="https://doi.org/10.1007/s00300-019-02607-z">https://doi.org/10.1007/s00300-019-02607-z</a>	
Euphausiidae	Balaenoptera_physalus	Bassoietal_2020	<a href="https://doi.org/10.1007/s00300-019-02607-z">https://doi.org/10.1007/s00300-019-02607-z</a>	
Grimothea_gregaria	Balaenoptera_physalus	Marina_et_al_inrev.	NA	Inferred from Burdwood Bank ecosystem
Themisto_gaudichaudii	Balaenoptera_physalus	Marina_et_al_inrev.	NA	Inferred from Burdwood Bank ecosystem
Neocalanoida_tonsus	Balaenoptera_physalus	Marina_et_al_inrev.	NA	Inferred from Burdwood Bank ecosystem
Sprattus_fuegensis	Balaenoptera_physalus	Marina_et_al_inrev.	NA	Inferred from Burdwood Bank ecosystem
CtenoCalanoida_vanus	Balaenoptera_physalus	Marina_et_al_inrev.	NA	Inferred from Burdwood Bank ecosystem
Drepanopus_forcipatus	Balaenoptera_physalus	Marina_et_al_inrev.	NA	Inferred from Burdwood Bank ecosystem
RhinCalanoida_gigas	Balaenoptera_physalus	Marina_et_al_inrev.	NA	Inferred from Burdwood Bank ecosystem
Champocephalus_gunnari	Balaenoptera_physalus	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Alluruteuthis_antarcticus	Balaenoptera_physalus	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Martialia_hyadesi	Balaenoptera_physalus	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Gonatus_antarcticus	Balaenoptera_physalus	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Kondakovia_longimana	Balaenoptera_physalus	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Mesonychoteuthis_hamiltonii	Balaenoptera_physalus	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Galiteuthis_glacialis	Balaenoptera_physalus	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem

Prey	Predator	Reference	Link	Observations
Tinerfe_cyanea	Bathyraja_brachyurops	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Themisto_gaudichaudii	Bathyraja_brachyurops	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Doryteuthis_gahi	Bathyraja_brachyurops	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Enteroctopus_megalocyathus	Bathyraja_brachyurops	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Grimothea_gregaria	Bathyraja_brachyurops	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Cottoperca_trigloides	Bathyraja_brachyurops	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Dissostichus_eleginoides	Bathyraja_brachyurops	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Patagonotothen_guntheri	Bathyraja_brachyurops	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Patagonotothen_ramsayi	Bathyraja_brachyurops	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Micromesistius_australis	Bathyraja_brachyurops	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Sprattus_fuegensis	Bathyraja_brachyurops	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Bathyraja_brachyurops	Bathyraja_brachyurops	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Ophidiidae	Bathyraja_brachyurops	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Myxine_spp	Bathyraja_brachyurops	Brickle_etal_2003; Bellegia_etal_2019	<a href="https://doi.org/10.1017/S0025315403008373h">https://doi.org/10.1017/S0025315403008373h</a> ; <a href="https://doi.org/10.1017/S0025315403008373h">https://doi.org/10.1017/S0025315403008373h</a>	
Tinerfe_cyanea	Bathyraja_macloviana	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Batoteuthis_skolops	Bathyteuthis_abyssicola	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Alluroteuthis_antarcticus	Batoteuthis_skolops	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Bathyteuthis_abyssicola	Batoteuthis_skolops	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Electrona_spp	Batoteuthis_skolops	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Euphausiidae	Batoteuthis_skolops	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Galiteuthis_glacialis	Batoteuthis_skolops	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Gymnoscopelus_spp	Batoteuthis_skolops	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Histioteuthis_eltaninae	Batoteuthis_skolops	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Pleuragramma_antarcticum	Batoteuthis_skolops	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Themisto_gaudichaudii	Batoteuthis_skolops	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem

Prey	Predator	Reference	Link	Observations
Phytoplankton	Calanoida			
Detritus	Campylonotus_vagans	Lovrich_pers.com.	NA	
Polychaeta	Campylonotus_vagans	Lovrich_pers.com.	NA	
Copepoda_others	Caperea_marginata	Goodall_etal_1985	10.1007/978-3-642-82275-9_77	
Euphausiidae	Champsocephalus_gunnari	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Calanoida	Champsocephalus_gunnari	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Copepoda_others	Champsocephalus_gunnari	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Notothenia_coriiceps	Champsocephalus_gunnari	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Electrona_spp	Champsocephalus_gunnari	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Detritus	Cirratulidae	Jumars_etal_2015	<a href="https://doi.org/10.1146/annurev-marine-010814-020007">https://doi.org/10.1146/annurev-marine-010814-020007</a>	
Foraminifera	Cirratulidae	GloBI	<a href="https://www.globalbioticinteractions.org/browse/?interactionType=interactsWith&amp;resultType=json&amp;sourceTaxon=Foraminifera">https://www.globalbioticinteractions.org/browse/?interactionType=interactsWith&amp;resultType=json&amp;sourceTaxon=Foraminifera</a>	
Doryteuthis_gahi	Coelorinchus_fasciatus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Pagurus_comptus	Coelorinchus_fasciatus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Themisto_gaudichaudii	Coelorinchus_fasciatus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Grimothea_gregaria	Coelorinchus_fasciatus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Phytoplankton	Copepoda_others	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Pseudechinus_magellanicus	Cosmasterias_lurida	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Grimothea_gregaria	Cottoperca_trigloides	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Tinerfe_cyanea	Cottoperca_trigloides	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Dissostichus_eleginoides	Cottoperca_trigloides	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Patagonotothen_ramsayi	Cottoperca_trigloides	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Bathyraja_brachyurops	Cottoperca_trigloides	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Iluocoetes_fimbriatus	Cottoperca_trigloides	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Sprattus_fuegensis	Cottoperca_trigloides	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Salilota_australis	Cottoperca_trigloides	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Micromesistius_australis	Cottoperca_trigloides	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem

Prey	Predator	Reference	Link	Observations
Enteroctopus_megalocyathus	Cottunculus_granulosus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Grimothea_gregaria	Cottunculus_granulosus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Patagonotothen_ramsayi	Cottunculus_granulosus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Coelorinchus_fasciatus	Cottunculus_granulosus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Phytoplankton	CtenoCalanoida_vanus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Pseudosagitta_gazellae	CtenoCalanoida_vanus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Themisto_gaudichaudii	Daption_capense	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Polychaeta	Daption_capense	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Doryteuthis_gahi	Daption_capense	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Pseudosagitta_gazellae	Daption_capense	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
RhinCalanoida_gigas	Daption_capense	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Sprattus_fuegensis	Daption_capense	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Liothyrella_uva	Decapoda_others	Gordillo_etal_2019	<a href="https://doi.org/10.1007/s12526-019-00935-1">https://doi.org/10.1007/s12526-019-00935-1</a>	
Magallania_venosa	Decapoda_others	Gordillo_etal_2019	<a href="https://doi.org/10.1007/s12526-019-00935-1">https://doi.org/10.1007/s12526-019-00935-1</a>	
Terebratella_dorsata	Decapoda_others	Gordillo_etal_2019	<a href="https://doi.org/10.1007/s12526-019-00935-1">https://doi.org/10.1007/s12526-019-00935-1</a>	
Dissostichus_eleginoides	Diomedea_exulans	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Themisto_gaudichaudii	Diomedea_exulans	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Necromass	Diomedea_exulans	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Doryteuthis_gahi	Diomedea_exulans	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Macrourus_holotrachys	Diomedea_exulans	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Euphausiidae	Diomedea_exulans	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Odonthestes_spp	Dissostichus_eleginoides	pers.com._Claudia_Boy	NA	
Sprattus_fuegensis	Dissostichus_eleginoides	pers.com._Claudia_Boy	NA	
Harpagiferidae_sp	Dissostichus_eleginoides	pers.com._Claudia_Boy	NA	
Lamna_nasus	Dissostichus_eleginoides	pers.com._Claudia_Boy	NA	
Merluccius_australis	Dissostichus_eleginoides	pers.com._Claudia_Boy	NA	
Salilota_australis	Dissostichus_eleginoides	pers.com._Claudia_Boy	NA	Inferred from Moridae
Electrona_spp	Dissostichus_eleginoides	pers.com._Claudia_Boy	NA	Inferred from Myctophidae

Prey	Predator	Reference	Link	Observations
Gymnoscopelus_spp	Dissostichus_eleginoides	pers.com._Claudia_Boy	NA	Inferred from Myctophidae
Krefttichthys_andersoni	Dissostichus_eleginoides	pers.com._Claudia_Boy	NA	Inferred from Myctophidae
Myxine_spp	Dissostichus_eleginoides	pers.com._Claudia_Boy	NA	
Ophidiidae	Dissostichus_eleginoides	pers.com._Claudia_Boy	NA	
Bathyraja_brachyurops	Dissostichus_eleginoides	pers.com._Claudia_Boy	NA	Inferred from Rajidae
Bathyraja_macloviana	Dissostichus_eleginoides	pers.com._Claudia_Boy	NA	Inferred from Rajidae
Squaliformes	Dissostichus_eleginoides	pers.com._Claudia_Boy	NA	Inferred from Squalidae
Ilucoetes_fimbriatus	Dissostichus_eleginoides	pers.com._Claudia_Boy	NA	Inferred from Zoarcidae
Patagonotothen_guntheri	Dissostichus_eleginoides	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Micromesistius_australis	Dissostichus_eleginoides	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Macrourus_holotrachys	Dissostichus_eleginoides	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Patagonotothen_ramsayi	Dissostichus_eleginoides	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Coelorinchus_fasciatus	Dissostichus_eleginoides	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Dissostichus_eleginoides	Dissostichus_eleginoides	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Tinerfe_cyanea	Dissostichus_eleginoides	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Themisto_gaudichaudii	Dissostichus_eleginoides	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Doryteuthis_gahi	Dissostichus_eleginoides	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Enteroctopus_megalocyathus	Dissostichus_eleginoides	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Grimothea_gregaria	Dissostichus_eleginoides	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Pagurus_comptus	Dissostichus_eleginoides	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Merluccius_hubbisi	Dissostichus_eleginoides	pers.com._Claudia_Boy	NA	
Batoteuthis_skolops	Dissostichus_eleginoides	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Grimothea_gregaria	Doryteuthis_gahi	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Themisto_gaudichaudii	Doryteuthis_gahi	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Euphausiidae	Doryteuthis_gahi	Brunetti_etal_1999	<a href="http://hdl.handle.net/1834/2336">http://hdl.handle.net/1834/2336</a>	
Zooplankton	Doryteuthis_gahi	Brunetti_etal_1999	<a href="http://hdl.handle.net/1834/2336">http://hdl.handle.net/1834/2336</a>	
Phytoplankton	Drepanopus_forcipatus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem

Prey	Predator	Reference	Link	Observations
Themisto_gaudichaudii	Electrona_spp	Shreeve_etal_2009	<a href="https://www.int-res.com/articles/meps2009/386/m386p221.pdf">https://www.int-res.com/articles/meps2009/386/m386p221.pdf</a>	Inferred from Electrona antarctica and Electrona carlsbergi
Calanoida	Electrona_spp	Shreeve_etal_2009	<a href="https://www.int-res.com/articles/meps2009/386/m386p221.pdf">https://www.int-res.com/articles/meps2009/386/m386p221.pdf</a>	Inferred from Electrona antarctica and Electrona carlsbergi
Copepoda_others	Electrona_spp	Shreeve_etal_2009	<a href="https://www.int-res.com/articles/meps2009/386/m386p221.pdf">https://www.int-res.com/articles/meps2009/386/m386p221.pdf</a>	Inferred from Electrona antarctica and Electrona carlsbergi
Euphausiidae	Electrona_spp	Shreeve_etal_2009	<a href="https://www.int-res.com/articles/meps2009/386/m386p221.pdf">https://www.int-res.com/articles/meps2009/386/m386p221.pdf</a>	Inferred from Electrona antarctica and Electrona carlsbergi
Salpidae_spp	Electrona_spp	Shreeve_etal_2009	<a href="https://www.int-res.com/articles/meps2009/386/m386p221.pdf">https://www.int-res.com/articles/meps2009/386/m386p221.pdf</a>	Inferred from Electrona antarctica and Electrona carlsbergi
Enteractopus_megalocyathus	Enteractopus_megalocyathus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Grimothea_gregaria	Enteractopus_megalocyathus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Pagurus_comptus	Enteractopus_megalocyathus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Paralomis_granulosa	Enteractopus_megalocyathus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
CtenoCalanoida_vanus	Eubalaena_australis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Drepanopus_forcipatus	Eubalaena_australis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Neocalanoida_tonsus	Eubalaena_australis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
RhinCalanoida_gigas	Eubalaena_australis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Micromesistius_australis	Eudiptes_chrysocome	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Themisto_gaudichaudii	Eudiptes_chrysocome	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Doryteuthis_gahi	Eudiptes_chrysocome	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Enteractopus_megalocyathus	Eudiptes_chrysocome	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Amphipoda	Eudiptes_chrysocome_chrysocome	Rossiano_etal_2016	<a href="https://doi.org/10.3354/meps11689">https://doi.org/10.3354/meps11689</a>	
Ichthyoplankton	Eudiptes_chrysocome_chrysocome	Rossiano_etal_2016	<a href="https://doi.org/10.3354/meps11689">https://doi.org/10.3354/meps11689</a>	
Euphausiidae	Eudiptes_chrysocome_chrysocome	Rossiano_etal_2016	<a href="https://doi.org/10.3354/meps11689">https://doi.org/10.3354/meps11689</a>	
Ichthyoplankton	Eukrohnia_hamata	Bruno_pers.com.	NA	
Phytoplankton	Euphausiidae	Hellessey_etal_2018	<a href="https://doi.org/10.1093/jcbiol/ruy053">https://doi.org/10.1093/jcbiol/ruy053</a>	
Copepoda_others	Euphausiidae	Hellessey_etal_2018	<a href="https://doi.org/10.1093/jcbiol/ruy053">https://doi.org/10.1093/jcbiol/ruy053</a>	
Allroteuthis_antarcticus	Filippovia_knipovitchi	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Bathyteuthis_abyssicola	Filippovia_knipovitchi	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem



Prey	Predator	Reference	Link	Observations
Batoteuthis_skolops	Filippovia_knipovitchi	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Doryteuthis_gahi	Fulmarus_glacialis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Themisto_gaudichaudii	Fulmarus_glacialis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Sprattus_fuegensis	Fulmarus_glacialis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Euphausiidae	Galiteuthis_glacialis	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Batoteuthis_skolops	Galiteuthis_glacialis	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Detritus	Gastropoda_others	Encyclopedia of Life	<a href="https://eol.org/pages/19661450">https://eol.org/pages/19661450</a> ; <a href="https://eol.org/pages/51274446">https://eol.org/pages/51274446</a> ; <a href="https://eol.org/pages/4870678">https://eol.org/pages/4870678</a>	
Polychaeta	Gastropoda_others	Encyclopedia of Life	<a href="https://eol.org/pages/51509488">https://eol.org/pages/51509488</a>	
Doryteuthis_gahi	Globicephala_melaena	Clarke_etal_1994	10.1017/S0954102094000234	Inferred from Octopoda
Enteroctopus_megalocyathus	Globicephala_melaena	Clarke_etal_1994	10.1017/S0954102094000234	
Moroteuthis_ingens	Globicephala_melas	Mansilla_etal_2012	10.1007/s00300-012-1222-3	
Calanoida	Globicephala_melas_edwardii	Becker_etal_2021	<a href="https://doi.org/10.1007/s00300-021-02908-2">https://doi.org/10.1007/s00300-021-02908-2</a>	
Doryteuthis_gahi	Globicephala_melas_edwardii	Becker_etal_2021	<a href="https://doi.org/10.1007/s00300-021-02908-2">https://doi.org/10.1007/s00300-021-02908-2</a>	
Illex_argentinus	Globicephala_melas_edwardii	Becker_etal_2021	<a href="https://doi.org/10.1007/s00300-021-02908-2">https://doi.org/10.1007/s00300-021-02908-2</a>	
Enteroctopus_megalocyathus	Globicephala_melas_edwardii	Becker_etal_2021	<a href="https://doi.org/10.1007/s00300-021-02908-2">https://doi.org/10.1007/s00300-021-02908-2</a>	
Merluccius_hubbsi	Globicephala_melas_edwardii	Becker_etal_2021	<a href="https://doi.org/10.1007/s00300-021-02908-2">https://doi.org/10.1007/s00300-021-02908-2</a>	
Merluccius_australis	Globicephala_melas_edwardii	Becker_etal_2021	<a href="https://doi.org/10.1007/s00300-021-02908-2">https://doi.org/10.1007/s00300-021-02908-2</a>	
Macruronus_magellanicus	Globicephala_melas_edwardii	Becker_etal_2021	<a href="https://doi.org/10.1007/s00300-021-02908-2">https://doi.org/10.1007/s00300-021-02908-2</a>	
Salilota_australis	Globicephala_melas_edwardii	Becker_etal_2021	<a href="https://doi.org/10.1007/s00300-021-02908-2">https://doi.org/10.1007/s00300-021-02908-2</a>	
Micromesistius_australis	Globicephala_melas_edwardii	Becker_etal_2021	<a href="https://doi.org/10.1007/s00300-021-02908-2">https://doi.org/10.1007/s00300-021-02908-2</a>	
Dissostichus_eleginoides	Globicephala_melas_edwardii	Becker_etal_2021	<a href="https://doi.org/10.1007/s00300-021-02908-2">https://doi.org/10.1007/s00300-021-02908-2</a>	
Cottoperca_trigloides	Globicephala_melas_edwardii	Becker_etal_2021	<a href="https://doi.org/10.1007/s00300-021-02908-2">https://doi.org/10.1007/s00300-021-02908-2</a>	
Ilucoetes_fimbriatus	Globicephala_melas_edwardii	Becker_etal_2021	<a href="https://doi.org/10.1007/s00300-021-02908-2">https://doi.org/10.1007/s00300-021-02908-2</a>	
Lepidonotothen	Globicephala_melas_edwardii	Becker_etal_2021	<a href="https://doi.org/10.1007/s00300-021-02908-2">https://doi.org/10.1007/s00300-021-02908-2</a>	
Pleuragramma_antarcticum	Globicephala_melas_edwardii	Becker_etal_2021	<a href="https://doi.org/10.1007/s00300-021-02908-2">https://doi.org/10.1007/s00300-021-02908-2</a>	
Nototheniops_larseni	Globicephala_melas_edwardii	Becker_etal_2021	<a href="https://doi.org/10.1007/s00300-021-02908-2">https://doi.org/10.1007/s00300-021-02908-2</a>	
Pseudochaenichthys_georgianus	Globicephala_melas_edwardii	Becker_etal_2021	<a href="https://doi.org/10.1007/s00300-021-02908-2">https://doi.org/10.1007/s00300-021-02908-2</a>	
Patagonotothen_ramsayi	Globicephala_melas_edwardii	Becker_etal_2021	<a href="https://doi.org/10.1007/s00300-021-02908-2">https://doi.org/10.1007/s00300-021-02908-2</a>	
Patagonotothen_guntheri	Globicephala_melas_edwardii	Becker_etal_2021	<a href="https://doi.org/10.1007/s00300-021-02908-2">https://doi.org/10.1007/s00300-021-02908-2</a>	
Euphausiidae	Gonatus_antarcticus	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Electrona_spp	Gonatus_antarcticus	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Pleuragramma_antarcticum	Gonatus_antarcticus	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem

Prey	Predator	Reference	Link	Observations
Gymnoscopelus_spp	Gonatus_antarcticus	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Champocephalus_gunnari	Gonatus_antarcticus	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Batoteuthis_skolops	Gonatus_antarcticus	Lopez-Lopez_et al_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
RhinCalanoida_gigas	Gorgonocephalus_chilensis	Marina_et al_inrev.	NA	Inferred from Burdwood Bank ecosystem
Detritus	Grimothea_gregaria	Marina_et al_inrev.	NA	Inferred from Burdwood Bank ecosystem
Phytoplankton	Grimothea_gregaria	Marina_et al_inrev.	NA	Inferred from Burdwood Bank ecosystem
Polychaeta	Grimothea_gregaria	Marina_et al_inrev.	NA	Inferred from Burdwood Bank ecosystem
Themisto_gaudichaudii	Gymnoscopelus_spp	Shreeve_et al_2009	<a href="https://www.int-res.com/articles/meps2009/386/m386p221.pdf">https://www.int-res.com/articles/meps2009/386/m386p221.pdf</a>	Inferred from Gymnoscopelus nicholsi and Gymnoscopelus hintonoides
Calanoida	Gymnoscopelus_spp	Shreeve_et al_2009	<a href="https://www.int-res.com/articles/meps2009/386/m386p221.pdf">https://www.int-res.com/articles/meps2009/386/m386p221.pdf</a>	Inferred from Gymnoscopelus nicholsi and Gymnoscopelus hintonoides
Copepoda_others	Gymnoscopelus_spp	Shreeve_et al_2009	<a href="https://www.int-res.com/articles/meps2009/386/m386p221.pdf">https://www.int-res.com/articles/meps2009/386/m386p221.pdf</a>	Inferred from Gymnoscopelus nicholsi and Gymnoscopelus hintonoides
Decapoda_others	Gymnoscopelus_spp	Shreeve_et al_2009	<a href="https://www.int-res.com/articles/meps2009/386/m386p221.pdf">https://www.int-res.com/articles/meps2009/386/m386p221.pdf</a>	Inferred from Gymnoscopelus nicholsi and Gymnoscopelus hintonoides
Euphausiidae	Gymnoscopelus_spp	Shreeve_et al_2009	<a href="https://www.int-res.com/articles/meps2009/386/m386p221.pdf">https://www.int-res.com/articles/meps2009/386/m386p221.pdf</a>	Inferred from Gymnoscopelus nicholsi and Gymnoscopelus hintonoides
Ostracoda	Gymnoscopelus_spp	Shreeve_et al_2009	<a href="https://www.int-res.com/articles/meps2009/386/m386p221.pdf">https://www.int-res.com/articles/meps2009/386/m386p221.pdf</a>	Inferred from Gymnoscopelus nicholsi and Gymnoscopelus hintonoides
Salpidae_spp	Gymnoscopelus_spp	Shreeve_et al_2009	<a href="https://www.int-res.com/articles/meps2009/386/m386p221.pdf">https://www.int-res.com/articles/meps2009/386/m386p221.pdf</a>	Inferred from Gymnoscopelus nicholsi and Gymnoscopelus hintonoides
Euphausiidae	Harpagiferidae_sp	Moreira_et al_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	Inferred from Harpagifer_antarcticus
Ostracoda	Harpagiferidae_sp	Moreira_et al_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Polyplacophora	Harpagiferidae_sp	Moreira_et al_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Amphipoda	Harpagiferidae_sp	Moreira_et al_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Gastropoda_others	Harpagiferidae_sp	Moreira_et al_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	Inferred from Onoba sp
Isopoda_others	Harpagiferidae_sp	Moreira_et al_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Batoteuthis_skolops	Histioteuthis_eltaninae	Lopez-Lopez_et al_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Alluroteuthis_antarcticus	Histioteuthis_eltaninae	Lopez-Lopez_et al_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem

Prey	Predator	Reference	Link	Observations
Bathyteuthis_abyssicola	Histioteuthis_eltaninae	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Electrona_spp	Histioteuthis_eltaninae	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Filippovia_knipovitchi	Histioteuthis_eltaninae	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Galiteuthis_glacialis	Histioteuthis_eltaninae	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Gonatus_antarcticus	Histioteuthis_eltaninae	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Gymnoscopus_spp	Histioteuthis_eltaninae	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Kondakovia_longimana	Histioteuthis_eltaninae	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Mastigoteuthis_spp	Histioteuthis_eltaninae	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Phytoplankton	Ichthyoplankton			
Zooplankton	Ichthyoplankton			
Themisto_gaudichaudii	Illex_argentinus	Ivanovic_etal_1994	<a href="https://doi.org/10.1017/S0954102094000295">https://doi.org/10.1017/S0954102094000295</a>	
Euphausiidae	Illex_argentinus	Ivanovic_etal_1994	<a href="https://doi.org/10.1017/S0954102094000295">https://doi.org/10.1017/S0954102094000295</a>	Inferred from Euphausia lucens
Doryteuthis_gahi	Illex_argentinus	Ivanovic_etal_1994	<a href="https://doi.org/10.1017/S0954102094000295">https://doi.org/10.1017/S0954102094000295</a>	
Gymnoscopus_spp	Illex_argentinus	Ivanovic_etal_1994	<a href="https://doi.org/10.1017/S0954102094000295">https://doi.org/10.1017/S0954102094000295</a>	Inferred from Gymnoscopus nicholsi and Gymnoscopus hintonoides
Calanoida	Illex_argentinus	Ivanovic_etal_1994	<a href="https://doi.org/10.1017/S0954102094000295">https://doi.org/10.1017/S0954102094000295</a>	
Ostracoda	Illex_argentinus	Ivanovic_etal_1994	<a href="https://doi.org/10.1017/S0954102094000295">https://doi.org/10.1017/S0954102094000295</a>	
Gastropoda_others	Illex_argentinus	Mouat_etal_2001	<a href="https://doi.org/10.1016/S0165-7836(01)00229-6">https://doi.org/10.1016/S0165-7836(01)00229-6</a>	
Tinerfe_cyanea	Ilucoetes_fimbriatus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Detritus	Isopoda_others	Doti_pers.com.		
Euphausiidae	Kondakovia_longimana	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Batoteuthis_skolops	Kondakovia_longimana	Lopez-Lopez_etal_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Themisto_gaudichaudii	Krefflichthys_andersoni	Shreeve_etal_2009	<a href="https://www.int-res.com/articles/meps2009/386/m386p221.pdf">https://www.int-res.com/articles/meps2009/386/m386p221.pdf</a>	
Calanoida	Krefflichthys_andersoni	Shreeve_etal_2009	<a href="https://www.int-res.com/articles/meps2009/386/m386p221.pdf">https://www.int-res.com/articles/meps2009/386/m386p221.pdf</a>	
Copepoda_others	Krefflichthys_andersoni	Shreeve_etal_2009	<a href="https://www.int-res.com/articles/meps2009/386/m386p221.pdf">https://www.int-res.com/articles/meps2009/386/m386p221.pdf</a>	Inferred from Metridia sp
Euphausiidae	Krefflichthys_andersoni	Shreeve_etal_2009	<a href="https://www.int-res.com/articles/meps2009/386/m386p221.pdf">https://www.int-res.com/articles/meps2009/386/m386p221.pdf</a>	
Patagonotothen_ramsayi	Lagenorhynchus_australis	Riccialdelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	Inferred from Patagonotothen_spp
Patagonotothen_guntheri	Lagenorhynchus_australis	Riccialdelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	Inferred from Patagonotothen_spp
Nototheniops_larseni	Lagenorhynchus_australis	Riccialdelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Pleuragramma_antarcticum	Lagenorhynchus_australis	Riccialdelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	

Prey	Predator	Reference	Link	Observations
<i>Iluocoetes_fimbriatus</i>	<i>Lagenorhynchus_australis</i>	Riccialdelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	Inferred from Zoarcidae
<i>Odonthestes_spp</i>	<i>Lagenorhynchus_australis</i>	Riccialdelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
<i>Myxine_spp</i>	<i>Lagenorhynchus_australis</i>	Goodall_2009	<a href="https://doi.org/10.1016/B978-0-12-373553-9.00196-6">https://doi.org/10.1016/B978-0-12-373553-9.00196-6</a>	
<i>Salilota_australis</i>	<i>Lagenorhynchus_australis</i>	Goodall_2009	<a href="https://doi.org/10.1016/B978-0-12-373553-9.00196-6">https://doi.org/10.1016/B978-0-12-373553-9.00196-6</a>	
<i>Enteroctopus_megalocyathus</i>	<i>Lagenorhynchus_australis</i>	Goodall_2009	<a href="https://doi.org/10.1016/B978-0-12-373553-9.00196-6">https://doi.org/10.1016/B978-0-12-373553-9.00196-6</a>	
<i>Doryteuthis_gahi</i>	<i>Lagenorhynchus_australis</i>	Goodall_2009	<a href="https://doi.org/10.1016/B978-0-12-373553-9.00196-6">https://doi.org/10.1016/B978-0-12-373553-9.00196-6</a>	
<i>Grimothea_gregaria</i>	<i>Lagenorhynchus_australis</i>	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
<i>Sprattus_fuegensis</i>	<i>Lagenorhynchus_australis</i>	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
<i>Merluccius_hubbsi</i>	<i>Lagenorhynchus_australis</i>	Schiavini_etal_1997	<a href="https://oceanrep.geomar.de/id/eprint/53025">https://oceanrep.geomar.de/id/eprint/53025</a>	
<i>Decapoda_others</i>	<i>Lagenorhynchus_australis</i>	Schiavini_etal_1997	<a href="https://oceanrep.geomar.de/id/eprint/53025">https://oceanrep.geomar.de/id/eprint/53025</a>	
<i>Ophidiidae</i>	<i>Lagenorhynchus_australis</i>	Schiavini_etal_1997	<a href="https://oceanrep.geomar.de/id/eprint/53025">https://oceanrep.geomar.de/id/eprint/53025</a>	
<i>Merluccius_australis</i>	<i>Lagenorhynchus_australis</i>	Schiavini_etal_1997	<a href="https://oceanrep.geomar.de/id/eprint/53025">https://oceanrep.geomar.de/id/eprint/53025</a>	
<i>Illex_argentinus</i>	<i>Lagenorhynchus_australis</i>	Schiavini_etal_1997	<a href="https://oceanrep.geomar.de/id/eprint/53025">https://oceanrep.geomar.de/id/eprint/53025</a>	
<i>Mactridae_spp</i>	<i>Lagenorhynchus_australis</i>	Schiavini_etal_1997	<a href="https://oceanrep.geomar.de/id/eprint/53025">https://oceanrep.geomar.de/id/eprint/53025</a>	
<i>Salpidae_spp</i>	<i>Lagenorhynchus_australis</i>	Schiavini_etal_1997	<a href="https://oceanrep.geomar.de/id/eprint/53025">https://oceanrep.geomar.de/id/eprint/53025</a>	
<i>Electrona_spp</i>	<i>Lagenorhynchus_cruciger</i>	Waerebeek_etal_2010	<a href="https://doi.org/10.47536/jcrm.v11i3.611">https://doi.org/10.47536/jcrm.v11i3.611</a>	
<i>Gymnoscopelus_spp</i>	<i>Lagenorhynchus_cruciger</i>	Waerebeek_etal_2010	<a href="https://doi.org/10.47536/jcrm.v11i3.611">https://doi.org/10.47536/jcrm.v11i3.611</a>	
<i>Kreftichthys_andersoni</i>	<i>Lagenorhynchus_cruciger</i>	Waerebeek_etal_2010	<a href="https://doi.org/10.47536/jcrm.v11i3.611">https://doi.org/10.47536/jcrm.v11i3.611</a>	
<i>Euphausiidae</i>	<i>Lagenorhynchus_cruciger</i>	Basso_etal_2020	<a href="https://doi.org/10.1007/s00300-019-02607-z">https://doi.org/10.1007/s00300-019-02607-z</a>	
<i>Doryteuthis_gahi</i>	<i>Lagenorhynchus_cruciger</i>	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
<i>Sprattus_fuegensis</i>	<i>Lagenorhynchus_cruciger</i>	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
<i>Champocephalus_gunnari</i>	<i>Lagenorhynchus_cruciger</i>	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
<i>Alluroteuthis_antarcticus</i>	<i>Lagenorhynchus_cruciger</i>	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
<i>Martialia_hyadesi</i>	<i>Lagenorhynchus_cruciger</i>	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
<i>Gonatus_antarcticus</i>	<i>Lagenorhynchus_cruciger</i>	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
<i>Kondakovia_longimana</i>	<i>Lagenorhynchus_cruciger</i>	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
<i>Mesonychoteuthis_hamiltonii</i>	<i>Lagenorhynchus_cruciger</i>	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
<i>Galiteuthis_glacialis</i>	<i>Lagenorhynchus_cruciger</i>	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
<i>Merluccius_hubbsi</i>	<i>Lamna_nasus</i>	Belleggia, M. et al_2021	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14865">https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14865</a>	
<i>Salilota_australis</i>	<i>Lamna_nasus</i>	Belleggia, M. et al_2021	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866">https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866</a>	Inferred from Moridae
<i>Macrourus_holotrachys</i>	<i>Lamna_nasus</i>	Belleggia, M. et al_2021	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866">https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866</a>	
<i>Coelorinchus_fasciatus</i>	<i>Lamna_nasus</i>	Belleggia, M. et al_2021	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866">https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866</a>	

Prey	Predator	Reference	Link	Observations
Dissostichus_eleginoides	Lamna_nasus	Belleggia, M. et al_2021	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866">https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866</a>	
Patagonotothen_ramsayi	Lamna_nasus	Belleggia, M. et al_2021	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866">https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866</a>	
Merluccius_australis	Lamna_nasus	Belleggia, M. et al_2021	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866">https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866</a>	
Ophidiidae	Lamna_nasus	Belleggia, M. et al_2021	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866">https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866</a>	Inferred from Genypterus_blacodes
Bathyraja_brachyurops	Lamna_nasus	Belleggia, M. et al_2021	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866">https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866</a>	Inferred from Bathyraja_brachyurops
Bathyraja_macloviana	Lamna_nasus	Belleggia, M. et al_2021	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866">https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866</a>	
Micromesistius_australis	Lamna_nasus	Belleggia, M. et al_2021	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866">https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866</a>	
Sprattus_fuegensis	Lamna_nasus	Belleggia, M. et al_2021	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866">https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866</a>	
Illex_argentinus	Lamna_nasus	Belleggia, M. et al_2021	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866">https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866</a>	
Enteroctopus_megalocyathus	Lamna_nasus	Belleggia, M. et al_2021	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866">https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866</a>	
Decapoda_others	Lamna_nasus	Belleggia, M. et al_2021	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866">https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866</a>	
Euphausiidae	Lamna_nasus	Belleggia, M. et al_2021	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866">https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866</a>	
Grimothea_gregaria	Lamna_nasus	Belleggia, M. et al_2021	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866">https://onlinelibrary.wiley.com/doi/abs/10.1111/jfb.14866</a>	
Grimothea_gregaria	Lepidonotothen	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	Inferred from Munidae
Euphausiidae	Lepidonotothen	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Ostracoda	Lepidonotothen	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Polyplacophora	Lepidonotothen	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Amphipoda	Lepidonotothen	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	Inferred from Gondogeneia_antarctica
Gastropoda_others	Lepidonotothen	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	Inferred from Onoba sp
Isopoda_others	Lepidonotothen	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	Inferred from Gnathia sp
Detritus	Liothyrella_uva	Steele-Petrovic_1976	<a href="https://www.palass.org/publications/palaeontology-jo">https://www.palass.org/publications/palaeontology-jo</a>	
Micromesistius_australis	Lissodelphis_peronii	Riccaldelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Coelorinchus_fasciatus	Lissodelphis_peronii	Riccaldelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Ilucoetes_fimbriatus	Lissodelphis_peronii	Riccaldelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Doryteuthis_gahi	Lissodelphis_peronii	Riccaldelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Illex_argentinus	Lissodelphis_peronii	Riccaldelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Doryteuthis_gahi	Lissodelphis_peroniia	Goodall_etal_1985	10.1007/978-3-642-82275-9_77	
Electrona_spp	Lissodelphis_peroniia	Goodall_etal_1985	10.1007/978-3-642-82275-9_77	Inferred from Myctophidae
Gymnoscopelus_spp	Lissodelphis_peroniia	Goodall_etal_1985	10.1007/978-3-642-82275-9_77	Inferred from Myctophidae
Kreftichthys_andersoni	Lissodelphis_peroniia	Goodall_etal_1985	10.1007/978-3-642-82275-9_77	Inferred from Myctophidae
Micromesistius_australis	Macronectes_giganteus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Sprattus_fuegensis	Macronectes_giganteus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Grimothea_gregaria	Macronectes_giganteus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem

Prey	Predator	Reference	Link	Observations
Doryteuthis_gahi	Macronectes_giganteus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Micromesistius_australis	Macronectes_halli	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Sprattus_fuegensis	Macronectes_halli	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Doryteuthis_gahi	Macronectes_halli	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Polychaeta	Macrouridae	GloBI	<a href="https://www.globalbioticinteractions.org/browse/?intera">https://www.globalbioticinteractions.org/browse/?intera</a>	
Campylonotus_vagans	Macrourus_carinatus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Patagonotothen_ramsayi	Macrourus_carinatus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Coelorinchus_fasciatus	Macrourus_carinatus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Ilucoetes_fimbriatus	Macrourus_carinatus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Sprattus_fuegensis	Macrourus_carinatus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Eukrohnia_hamata	Macrourus_carinatus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Pseudosagitta_gazellae	Macrourus_carinatus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Tinerfe_cyanea	Macrourus_carinatus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Pagurus_comptus	Macrourus_carinatus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Amphipoda	Macrourus_carinatus	Laptikhovsky_2005	<a href="https://doi.org/10.1016/j.dsr.2005.03.003">https://doi.org/10.1016/j.dsr.2005.03.003</a>	
Isopoda_others	Macrourus_carinatus	Laptikhovsky_2005	<a href="https://doi.org/10.1016/j.dsr.2005.03.003">https://doi.org/10.1016/j.dsr.2005.03.003</a>	
Euphausiidae	Macrourus_carinatus	Laptikhovsky_2005	<a href="https://doi.org/10.1016/j.dsr.2005.03.003">https://doi.org/10.1016/j.dsr.2005.03.003</a>	
Polychaeta	Macrourus_carinatus	Laptikhovsky_2005	<a href="https://doi.org/10.1016/j.dsr.2005.03.003">https://doi.org/10.1016/j.dsr.2005.03.003</a>	
Doryteuthis_gahi	Macrourus_holotrachys	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Campylonotus_vagans	Macrourus_holotrachys	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Tinerfe_cyanea	Macrourus_holotrachys	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Alluroteuthis_antarcticus	Macrourus_holotrachys	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Trematomus_scotti	Macrourus_holotrachys	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Euphausiidae	Macruronus_magellanicus	Alvarez_etal_2022	<a href="https://doi.org/10.1007/s00300-022-03063-y">https://doi.org/10.1007/s00300-022-03063-y</a>	
Grimothea_gregaria	Macruronus_magellanicus	Alvarez_etal_2022	<a href="https://doi.org/10.1007/s00300-022-03063-y">https://doi.org/10.1007/s00300-022-03063-y</a>	
Sprattus_fuegensis	Macruronus_magellanicus	Alvarez_etal_2022	<a href="https://doi.org/10.1007/s00300-022-03063-y">https://doi.org/10.1007/s00300-022-03063-y</a>	
Phytoplankton	Mactridae_spp			
Detritus	Magellania_venosa	Steele-Petrovic_1976	<a href="https://www.palass.org/publications/palaeontology-jo">https://www.palass.org/publications/palaeontology-jo</a>	

Prey	Predator	Reference	Link	Observations
Euphausiidae	Martialia_hyadesi	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Gonatus_antarcticus	Martialia_hyadesi	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Pleuragramma_antarcticum	Martialia_hyadesi	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Electrona_spp	Martialia_hyadesi	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Gymnoscopelus_spp	Martialia_hyadesi	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Champocephalus_gunnari	Martialia_hyadesi	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Alluroteuthis_antarcticus	Mastigoteuthis_spp	Lopez-Lopez_et al_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Bathyteuthis_abyssicola	Mastigoteuthis_spp	Lopez-Lopez_et al_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Batoteuthis_skolops	Mastigoteuthis_spp	Lopez-Lopez_et al_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Calanoida	Mastigoteuthis_spp	Lopez-Lopez_et al_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Dissostichus_eleginoides	Mastigoteuthis_spp	Lopez-Lopez_et al_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Euphausiidae	Mastigoteuthis_spp	Lopez-Lopez_et al_2022	<a href="https://doi.org/10.1007/s10021-021-00665-1">https://doi.org/10.1007/s10021-021-00665-1</a>	Inferred from Scotia Sea ecosystem
Euphausiidae	Megaptera_novaeangliae	Bassoi_et al_2020	<a href="https://doi.org/10.1007/s00300-019-02607-z">https://doi.org/10.1007/s00300-019-02607-z</a>	
Sprattus_fuegensis	Megaptera_novaeangliae	Haro_et al_2016	<a href="https://repositorio.uchile.cl/handle/2250/141272">https://repositorio.uchile.cl/handle/2250/141272</a>	
Grimothea_gregaria	Megaptera_novaeangliae	Haro_et al_2016	<a href="https://repositorio.uchile.cl/handle/2250/141272">https://repositorio.uchile.cl/handle/2250/141272</a>	
Decapoda_others	Merluccius_australis	Dunn_et al_2010	<a href="https://doi.org/10.1371/journal.pone.0013647">https://doi.org/10.1371/journal.pone.0013647</a>	
Doryteuthis_gahi	Merluccius_hubbsi	Brunetti_et al_1999	<a href="http://hdl.handle.net/1834/2336">http://hdl.handle.net/1834/2336</a>	
Alluroteuthis_antarcticus	Mesonychoteuthis_hamiltonii	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Martialia_hyadesi	Mesonychoteuthis_hamiltonii	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Moroteuthis_ingens	Mesonychoteuthis_hamiltonii	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Kondakovia_longimana	Mesonychoteuthis_hamiltonii	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Gonatus_antarcticus	Mesonychoteuthis_hamiltonii	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Eukrohnia_hamata	Mesonychoteuthis_hamiltonii	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Doryteuthis_gahi	Micromesistius_australis	Marina_et al_inrev.	NA	Inferred from Burdwood Bank ecosystem
Salilota_australis	Micromesistius_australis	Marina_et al_inrev.	NA	Inferred from Burdwood Bank ecosystem
Grimothea_gregaria	Micromesistius_australis	Marina_et al_inrev.	NA	Inferred from Burdwood Bank ecosystem

Prey	Predator	Reference	Link	Observations
Patagonotothen_ramsayi	Micromesistius_australis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Ilucoetes_fimbriatus	Micromesistius_australis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Micromesistius_australis	Micromesistius_australis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Pseudosagitta_gazellae	Micromesistius_australis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Eukrohnia_hamata	Micromesistius_australis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Themisto_gaudichaudii	Micromesistius_australis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Myxine_spp	Micromesistius_australis	Brickle_etal_2009	<a href="https://doi.org/10.1016/j.ecss.2009.06.007">https://doi.org/10.1016/j.ecss.2009.06.007</a>	
Macrouridae	Micromesistius_australis	FishBase	<a href="http://www.fishbase.us/TrophicEco/DietCompoSumma">http://www.fishbase.us/TrophicEco/DietCompoSumma</a>	
Doryteuthis_gahi	Mirounga_leonina	Bassoi_etal_2020	<a href="https://doi.org/10.1007/s00300-019-02607-z">https://doi.org/10.1007/s00300-019-02607-z</a>	
Electrona_spp	Mirounga_leonina	Daneri_etal_2002	<a href="https://link.springer.com/article/10.1007/s00300-002-0408-5">https://link.springer.com/article/10.1007/s00300-002-0408-5</a>	Inferred from Electrona antarctica and Electrona carlsbergi
Gymnoscopelus_spp	Mirounga_leonina	Daneri_etal_2002	<a href="https://link.springer.com/article/10.1007/s00300-002-0408-5">https://link.springer.com/article/10.1007/s00300-002-0408-5</a>	Inferred from Gymnoscopelus nicholsi and Gymnoscopelus hintonoides
Kreftlichthys_andersoni	Mirounga_leonina	Daneri_etal_2002	<a href="https://link.springer.com/article/10.1007/s00300-002-0408-5">https://link.springer.com/article/10.1007/s00300-002-0408-5</a>	Inferred from Myctophidae
Lepidonotothen	Mirounga_leonina	Daneri_etal_2002	<a href="https://link.springer.com/article/10.1007/s00300-002-0408-5">https://link.springer.com/article/10.1007/s00300-002-0408-5</a>	
Pagetopsis_sp	Mirounga_leonina	Daneri_etal_2002	<a href="https://link.springer.com/article/10.1007/s00300-002-0408-5">https://link.springer.com/article/10.1007/s00300-002-0408-5</a>	
Champscephalus_gunnari	Mirounga_leonina	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Alluroteuthis_antarcticus	Mirounga_leonina	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Martialia_hyadesi	Mirounga_leonina	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Gonatus_antarcticus	Mirounga_leonina	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Kondakovia_longimana	Mirounga_leonina	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Mesonychoteuthis_hamiltonii	Mirounga_leonina	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Galiteuthis_glacialis	Mirounga_leonina	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Trematomus_scotti	Mirounga_leonina	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Euphausiidae	Moroteuthis_ingens	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Calanoida	Moroteuthis_ingens	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Copepoda_others	Moroteuthis_ingens	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem



Prey	Predator	Reference	Link	Observations
Alluroteuthis_antarcticus	Moroteuthis_ingens	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Kondakovia_longimana	Moroteuthis_ingens	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Gonatus_antarcticus	Moroteuthis_ingens	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Mesonychoteuthis_hamiltonii	Moroteuthis_ingens	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Martialia_hyadesi	Moroteuthis_ingens	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Pleurogramma_antarcticum	Moroteuthis_ingens	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Electrona_spp	Moroteuthis_ingens	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Gymnoscopelus_spp	Moroteuthis_ingens	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Necromass	Myxine_spp	FishBase	<a href="https://www.fishbase.de/summary/Myxine-glutinosa.ht">https://www.fishbase.de/summary/Myxine-glutinosa.ht</a>	
Detritus	Myxine_spp	GloBI	<a href="https://www.globalbioticinteractions.org/browse/?intera">https://www.globalbioticinteractions.org/browse/?intera</a>	
Pagurus_comptus	Myxine_spp	GloBI	<a href="https://www.globalbioticinteractions.org/browse/?intera">https://www.globalbioticinteractions.org/browse/?intera</a>	
Phytoplankton	Neocalanoida_tonsus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Gastropoda_others	Notothenia_coriiceps	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	Inferred from Littorinidae
Amphipoda	Notothenia_coriiceps	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	Inferred from Gammaridea
Euphausiidae	Notothenia_coriiceps	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Ostracoda	Notothenia_coriiceps	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Polyplacophora	Notothenia_coriiceps	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Isopoda_others	Notothenia_coriiceps	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Trematomus_scotti	Notothenia_coriiceps	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Euphausiidae	Notothenia_rossi	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Ostracoda	Notothenia_rossi	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Polyplacophora	Notothenia_rossi	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Amphipoda	Notothenia_rossi	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Gastropoda_others	Notothenia_rossi	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	Inferred from Onoba sp
Isopoda_others	Notothenia_rossi	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Euphausiidae	Nototheniops_larseni	Kock_1985		Inferred from Nototheniops larseni
Polychaeta	Odonthestes_spp	Garcia_1994	<a href="https://hal.sorbonne-universite.fr/hal-03047971">https://hal.sorbonne-universite.fr/hal-03047971</a>	Inferred from Odonthestes smitti
Isopoda_others	Odonthestes_spp	Garcia_1994	<a href="https://hal.sorbonne-universite.fr/hal-03047971">https://hal.sorbonne-universite.fr/hal-03047971</a>	Inferred from Odonthestes smitti
Decapoda_others	Odonthestes_spp	Garcia_1994	<a href="https://hal.sorbonne-universite.fr/hal-03047971">https://hal.sorbonne-universite.fr/hal-03047971</a>	Inferred from Odonthestes smitti

Prey	Predator	Reference	Link	Observations
Amphipoda	Odonthestes_spp	Lattuca_etal_2015	<a href="https://doi.org/10.1016/j.ecss.2015.03.019">https://doi.org/10.1016/j.ecss.2015.03.019</a>	Inferred from Odontesthes nigricans
Euphausiidae	Odonthestes_spp	Lattuca_etal_2016	<a href="https://doi.org/10.1016/j.ecss.2015.03.019">https://doi.org/10.1016/j.ecss.2015.03.019</a>	Inferred from Odontesthes nigricans
Calanoida	Ophiacantha_vivipara		NA	
CtenoCalanoida_vanus	Ophiacantha_vivipara	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Drepanopus_forcipatus	Ophiacantha_vivipara	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Neocalanoida_tonsus	Ophiacantha_vivipara	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Grimothea_gregaria	Ophidiidae	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Coelorinchus_fasciatus	Ophidiidae	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Salilota_australis	Ophidiidae	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Micromesistius_australis	Ophidiidae	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Doryteuthis_gahi	Ophidiidae	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Enteroctopus_megalocyathus	Ophidiidae	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Mirounga_leonina	Orcinus_orca	Waerebeek_etal_2010	<a href="https://doi.org/10.47536/jcrm.v11i3.611">https://doi.org/10.47536/jcrm.v11i3.611</a>	
Lagenorhynchus_australis	Orcinus_orca	Goodall_2009	<a href="https://doi.org/10.1016/B978-0-12-373553-9.00196-6">https://doi.org/10.1016/B978-0-12-373553-9.00196-6</a>	
Otaria_byronia	Orcinus_orca	Goodall_etal_1985	10.1007/978-3-642-82275-9_77	Inferred from Otariidae
Spheniscus_magellanicus	Orcinus_orca	Goodall_etal_1985	10.1007/978-3-642-82275-9_77	
Champocephalus_gunnari	Orcinus_orca	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Alluroteuthis_antarcticus	Orcinus_orca	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Martialia_hyadesi	Orcinus_orca	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Gonatus_antarcticus	Orcinus_orca	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Kondakovia_longimana	Orcinus_orca	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Mesonychoteuthis_hamiltonii	Orcinus_orca	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Galiteuthis_glacialis	Orcinus_orca	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Detritus	Ostracoda			
Phytoplankton	Ostracoda			
Doryteuthis_gahi	Otaria_byronia	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Ophidiidae	Otaria_byronia	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem

Prey	Predator	Reference	Link	Observations
Enteroctopus_megalocyathus	Otaria_byronia	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Grimothea_gregaria	Otaria_byronia	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Dissostichus_eleginoides	Otaria_byronia	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Macrourus_carinatus	Otaria_byronia	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Macrourus_holotrachys	Otaria_byronia	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Salilota_australis	Otaria_byronia	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Patagonotothen_guntheri	Otaria_byronia	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Patagonotothen_ramsayi	Otaria_byronia	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Coelorinchus_fasciatus	Otaria_byronia	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Micromesistius_australis	Otaria_byronia	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Sprattus_fuegensis	Otaria_byronia	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Euphausiidae	Pagetopsis_sp	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Electrona_spp	Pagetopsis_sp	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Gymnoscopelus_spp	Pagetopsis_sp	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Pleuragramma_antarcticum	Pagetopsis_sp	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Notothenia_coriiceps	Pagetopsis_sp	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Macrourus_holotrachys	Pagetopsis_sp	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Harpagiferidae_sp	Pagetopsis_sp	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Trematomus_scotti	Pagetopsis_sp	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Detritus	Pagurus_comptus	Kamsay_etal_1996	<a href="https://doi.org/10.3354/meps144063">https://doi.org/10.3354/meps144063</a>	
Necromass	Pagurus_comptus	Kamsay_etal_1996	<a href="https://doi.org/10.3354/meps144063">https://doi.org/10.3354/meps144063</a>	
Polychaeta	Pagurus_comptus	Kamsay_etal_1996	<a href="https://doi.org/10.3354/meps144063">https://doi.org/10.3354/meps144063</a>	
Cumacea	Pagurus_comptus	Encyclopedia of Life	<a href="https://eol.org/pages/46505264">https://eol.org/pages/46505264</a>	
Liothyrella_uva	Pagurus_comptus	Lovrich_pers.com.	NA	
Magellania_venosa	Pagurus_comptus	Lovrich_pers.com.	NA	
Terebratella_dorsata	Pagurus_comptus	Lovrich_pers.com.	NA	
Pseudechinus_magellanicus	Paralomis_granulosa	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem

Prey	Predator	Reference	Link	Observations
Gastropoda_others	Paralomis_granulosa	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Phytoplankton	Paralomis_granulosa	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Eukrohnia_hamata	Patagonotothen_guntheri	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Pseudosagitta_gazellae	Patagonotothen_guntheri	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
CtenoCalanoida_vanus	Patagonotothen_guntheri	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Drepanopus_forcipatus	Patagonotothen_guntheri	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Neocalanoida_tonsus	Patagonotothen_guntheri	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
RhinCalanoida_gigas	Patagonotothen_guntheri	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Themisto_gaudichaudii	Patagonotothen_guntheri	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Grimothea_gregaria	Patagonotothen_guntheri	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Cirratulidae	Patagonotothen_guntheri	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Tinerfe_cyanea	Patagonotothen_guntheri	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Liothyrella_uva	Patagonotothen_guntheri	Gordillo_etal_2019	<a href="https://doi.org/10.1007/s12526-019-00935-1">https://doi.org/10.1007/s12526-019-00935-1</a>	
Magellania_venosa	Patagonotothen_guntheri	Gordillo_etal_2019; CovattiAle_etal_2022	<a href="https://doi.org/10.1007/s12526-019-00935-1">https://doi.org/10.1007/s12526-019-00935-1</a> ; <a href="https://doi.org/10.1007/s12526-022-00935-1">https://doi.org/10.1007/s12526-022-00935-1</a>	
Terebratella_dorsata	Patagonotothen_guntheri	Gordillo_etal_2019	<a href="https://doi.org/10.1007/s12526-019-00935-1">https://doi.org/10.1007/s12526-019-00935-1</a>	
Grimothea_gregaria	Patagonotothen_ramsayi	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Campylonotus_vagans	Patagonotothen_ramsayi	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Iluocoetes_fimbriatus	Patagonotothen_ramsayi	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Themisto_gaudichaudii	Patagonotothen_ramsayi	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
CtenoCalanoida_vanus	Patagonotothen_ramsayi	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Drepanopus_forcipatus	Patagonotothen_ramsayi	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Neocalanoida_tonsus	Patagonotothen_ramsayi	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
RhinCalanoida_gigas	Patagonotothen_ramsayi	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Eukrohnia_hamata	Patagonotothen_ramsayi	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Pseudosagitta_gazellae	Patagonotothen_ramsayi	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem

Prey	Predator	Reference	Link	Observations
Pagurus_comptus	Patagonotothen_ramsayi	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Gorgonocephalus_chilensis	Patagonotothen_ramsayi	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Sprattus_fuegensis	Patagonotothen_ramsayi	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Tinerfe_cyanea	Patagonotothen_ramsayi	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Liothyrella_uva	Patagonotothen_ramsayi	Gordillo_etal_2019	<a href="https://doi.org/10.1007/s12526-019-00935-1">https://doi.org/10.1007/s12526-019-00935-1</a>	
Magallania_venosa	Patagonotothen_ramsayi	Gordillo_etal_2019	<a href="https://doi.org/10.1007/s12526-019-00935-1">https://doi.org/10.1007/s12526-019-00935-1</a>	
Terebratella_dorsata	Patagonotothen_ramsayi	Gordillo_etal_2019	<a href="https://doi.org/10.1007/s12526-019-00935-1">https://doi.org/10.1007/s12526-019-00935-1</a>	
Polychaeta	Pelagobia_longicirrata	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Pseudosagitta_gazellae	Pelagobia_longicirrata	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Calanoida	Pleuragramma_antarcticum	Kellermann_1987	<a href="https://doi.org/10.1007/BF00443949">https://doi.org/10.1007/BF00443949</a>	
Euphausiidae	Pleuragramma_antarcticum	Kellermann_1987	<a href="https://doi.org/10.1007/BF00443949">https://doi.org/10.1007/BF00443949</a>	
Phytoplankton	Polychaeta			
Zooplankton	Polychaeta			
Phytoplankton	Polyplacophora	Encyclopedia of Life	<a href="https://eol.org/pages/4941339">https://eol.org/pages/4941339</a>	
Detritus	Polyplacophora	Sirenko_abstract	NA	
Amphipoda	Pseudechinus_magellanicus	Penchaszadeh_etal_2004	<a href="https://doi.org/10.1080/00785326.2004.10410216">https://doi.org/10.1080/00785326.2004.10410216</a>	
Foraminifera	Pseudechinus_magellanicus	Penchaszadeh_etal_2004	<a href="https://doi.org/10.1080/00785326.2004.10410216">https://doi.org/10.1080/00785326.2004.10410216</a>	
Gastropoda_others	Pseudechinus_magellanicus	Penchaszadeh_etal_2004	<a href="https://doi.org/10.1080/00785326.2004.10410216">https://doi.org/10.1080/00785326.2004.10410216</a>	Inferred from Odostomia sp
Polychaeta	Pseudechinus_magellanicus	Penchaszadeh_etal_2004	<a href="https://doi.org/10.1080/00785326.2004.10410216">https://doi.org/10.1080/00785326.2004.10410216</a>	
Themisto_gaudichaudii	Pseudochaenichthys_georgianus	Clarke_etal_2007	<a href="https://doi.org/10.1017/S0954102008000990">https://doi.org/10.1017/S0954102008000990</a>	
Decapoda_others	Pseudochaenichthys_georgianus	Clarke_etal_2007	<a href="https://doi.org/10.1017/S0954102008000990">https://doi.org/10.1017/S0954102008000990</a>	
Euphausiidae	Pseudochaenichthys_georgianus	Clarke_etal_2007	<a href="https://doi.org/10.1017/S0954102008000990">https://doi.org/10.1017/S0954102008000990</a>	
Electrona_spp	Pseudochaenichthys_georgianus	Clarke_etal_2007	<a href="https://doi.org/10.1017/S0954102008000990">https://doi.org/10.1017/S0954102008000990</a>	
Gymnoscopelus_spp	Pseudochaenichthys_georgianus	Clarke_etal_2007	<a href="https://doi.org/10.1017/S0954102008000990">https://doi.org/10.1017/S0954102008000990</a>	
Kreftichthys_andersoni	Pseudochaenichthys_georgianus	Clarke_etal_2007	<a href="https://doi.org/10.1017/S0954102008000990">https://doi.org/10.1017/S0954102008000990</a>	
Merluccius_hubbisi	Pseudorca_crassidens	Riccaldelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Merluccius_australis	Pseudorca_crassidens	Riccaldelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Salilota_australis	Pseudorca_crassidens	Riccaldelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Macruronus_magellanicus	Pseudorca_crassidens	Riccaldelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Cottoperca_trigloides	Pseudorca_crassidens	Riccaldelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Coelorinchus_fasciatus	Pseudorca_crassidens	Riccaldelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Iluocoetes_fimbriatus	Pseudorca_crassidens	Riccaldelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Cottunculus_granulosus	Pseudorca_crassidens	Riccaldelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Dissostichus_eleginoides	Pseudorca_crassidens	Riccaldelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	

Prey	Predator	Reference	Link	Observations
Ophidiidae	Pseudorca_crassidens	Riccialdelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Nototheniops_larseni	Pseudorca_crassidens	Riccialdelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Pleuragramma_antarcticum	Pseudorca_crassidens	Riccialdelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Micromesistius_australis	Pseudorca_crassidens	Riccialdelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Patagonotothen_ramsayi	Pseudorca_crassidens	Riccialdelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Electrona_spp	Pseudorca_crassidens	Riccialdelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Gymnoscopelus_spp	Pseudorca_crassidens	Riccialdelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Kreftichthys_andersoni	Pseudorca_crassidens	Riccialdelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Bathyraja_macloviana	Pseudorca_crassidens	Riccialdelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Patagonotothen_guntheri	Pseudorca_crassidens	Riccialdelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	Inferred from Patagonotothen_spp
Sprattus_fuegensis	Pseudorca_crassidens	Riccialdelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Doryteuthis_gahi	Pseudorca_crassidens	Riccialdelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Illex_argentinus	Pseudorca_crassidens	Riccialdelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Enteroctopus_megalocyathus	Pseudorca_crassidens	Riccialdelli_etal_2010	<a href="https://doi.org/10.3354/meps08826">https://doi.org/10.3354/meps08826</a>	
Phytoplankton	Pseudosagitta_gazellae	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Pelagobia_longicirrata	Pseudosagitta_gazellae	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Pseudosagitta_gazellae	Pseudosagitta_gazellae	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Themisto_gaudichaudii	Puffinus_griseus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Doryteuthis_gahi	Puffinus_griseus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Sprattus_fuegensis	Puffinus_griseus	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Phytoplankton	RhinCalanoida_gigas	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Pelagobia_longicirrata	RhinCalanoida_gigas	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Grimothea_gregaria	Salilota_australis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Themisto_gaudichaudii	Salilota_australis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Cottoerperca_trigloides	Salilota_australis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Dissostichus_eleginoides	Salilota_australis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Patagonotothen_ramsayi	Salilota_australis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Ilucoetes_fimbriatus	Salilota_australis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Micromesistius_australis	Salilota_australis	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem

Prey	Predator	Reference	Link	Observations
<i>Sprattus_fuegensis</i>	<i>Salilota_australis</i>	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
<i>Tinerfe_cyanea</i>	<i>Salilota_australis</i>	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
<i>Doryteuthis_gahi</i>	<i>Salilota_australis</i>	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Phytoplankton	Salpidae_spp			
Detritus	Serolidae	White_1972	<a href="https://nora.nerc.ac.uk/id/eprint/526227/1/bulletin27_11.pdf">https://nora.nerc.ac.uk/id/eprint/526227/1/bulletin27_11.pdf</a>	
Copepoda_others	Serolidae	White_1972	<a href="https://nora.nerc.ac.uk/id/eprint/526227/1/bulletin27_11.pdf">https://nora.nerc.ac.uk/id/eprint/526227/1/bulletin27_11.pdf</a>	
Amphipoda	Serolidae	White_1972	<a href="https://nora.nerc.ac.uk/id/eprint/526227/1/bulletin27_11.pdf">https://nora.nerc.ac.uk/id/eprint/526227/1/bulletin27_11.pdf</a>	
Isopoda_others	Serolidae	White_1972	<a href="https://nora.nerc.ac.uk/id/eprint/526227/1/bulletin27_11.pdf">https://nora.nerc.ac.uk/id/eprint/526227/1/bulletin27_11.pdf</a>	
Zooplankton	<i>Spheniscus_magellanicus</i>	Rosciano_etal_2016	<a href="https://doi.org/10.3354/meps11689">https://doi.org/10.3354/meps11689</a>	
Amphipoda	<i>Spheniscus_magellanicus</i>	Rosciano_etal_2016	<a href="https://doi.org/10.3354/meps11689">https://doi.org/10.3354/meps11689</a>	
Euphausiidae	<i>Spheniscus_magellanicus</i>	Rosciano_etal_2016	<a href="https://doi.org/10.3354/meps11689">https://doi.org/10.3354/meps11689</a>	
<i>Sprattus_fuegensis</i>	<i>Spheniscus_magellanicus</i>	Rosciano_etal_2016	<a href="https://doi.org/10.3354/meps11689">https://doi.org/10.3354/meps11689</a>	
<i>Grimothea_gregaria</i>	<i>Spheniscus_magellanicus</i>	Rosciano_etal_2016	<a href="https://doi.org/10.3354/meps11689">https://doi.org/10.3354/meps11689</a>	
<i>Doryteuthis_gahi</i>	<i>Spheniscus_magellanicus</i>	Rosciano_etal_2016	<a href="https://doi.org/10.3354/meps11689">https://doi.org/10.3354/meps11689</a>	
<i>Enteroctopus_megalocyathus</i>	<i>Spheniscus_magellanicus</i>	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
<i>Micromesistius_australis</i>	<i>Spheniscus_magellanicus</i>	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
<i>Themisto_gaudichaudii</i>	<i>Sprattus_fuegensis</i>	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
<i>Eukrohnia_hamata</i>	<i>Sprattus_fuegensis</i>	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
<i>Pseudosagitta_gazellae</i>	<i>Sprattus_fuegensis</i>	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
<i>Ctenocalanoida_vanus</i>	<i>Sprattus_fuegensis</i>	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
<i>Drepanopus_forcipatus</i>	<i>Sprattus_fuegensis</i>	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
<i>Neocalanoida_tonsus</i>	<i>Sprattus_fuegensis</i>	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
<i>Lagenorhynchus_australis</i>	Squaliformes	Goodall_2009	<a href="https://doi.org/10.1016/B978-0-12-373553-9.00196-6">https://doi.org/10.1016/B978-0-12-373553-9.00196-6</a>	
<i>Enteroctopus_megalocyathus</i>	<i>Squalus_acanthias</i>	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Detritus	<i>Terebratella_dorsata</i>	Steele-Petrovic_1976	<a href="https://www.palass.org/publications/palaeontology-jo">https://www.palass.org/publications/palaeontology-jo</a>	
<i>Electrona_spp</i>	<i>Thalassarche_chrysostoma</i>	Arata, J. et al_2004	<a href="https://doi.org/10.1017/S095410200400207X">https://doi.org/10.1017/S095410200400207X</a>	Inferred from <i>Electrona_antartica</i> and <i>Electrona_carlsbergi</i>
<i>Gymnoscopelus_spp</i>	<i>Thalassarche_chrysostoma</i>	Arata, J. et al_2004	<a href="https://doi.org/10.1017/S095410200400207X">https://doi.org/10.1017/S095410200400207X</a>	Inferred from <i>Gymnoscopelus_nicholsi</i> and <i>Gymnoscopelus_hintonoides</i>
<i>Kreftichthys_andersoni</i>	<i>Thalassarche_chrysostoma</i>	Arata, J. et al_2004	<a href="https://doi.org/10.1017/S095410200400207X">https://doi.org/10.1017/S095410200400207X</a>	

Prey	Predator	Reference	Link	Observations
Amphipoda	Thalassarche_chrysostoma	Arata, J. et al_2004	<a href="https://doi.org/10.1017/S095410200400207X">https://doi.org/10.1017/S095410200400207X</a>	Inferred from Gammaridea
Anuopus_antarcticus	Thalassarche_chrysostoma	Arata, J. et al_2004	<a href="https://doi.org/10.1017/S095410200400207X">https://doi.org/10.1017/S095410200400207X</a>	
Decapoda_others	Thalassarche_chrysostoma	Arata, J. et al_2004	<a href="https://doi.org/10.1017/S095410200400207X">https://doi.org/10.1017/S095410200400207X</a>	
Themisto_gaudichaudii	Thalassarche_chrysostoma	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Macrourus_carinatus	Thalassarche_chrysostoma	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Macrourus_holotrachys	Thalassarche_chrysostoma	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Coelorinchus_fasciatus	Thalassarche_chrysostoma	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Doryteuthis_gahi	Thalassarche_chrysostoma	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Dissostichus_eleginoides	Thalassarche_chrysostoma	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Pagurus_comptus	Thalassarche_chrysostoma	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Patagonotothen_guntheri	Thalassarche_chrysostoma	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Necromass	Thalassarche_chrysostoma	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Grimothea_gregaria	Thalassarche_melanophris	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Themisto_gaudichaudii	Thalassarche_melanophris	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Dissostichus_eleginoides	Thalassarche_melanophris	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Macrourus_carinatus	Thalassarche_melanophris	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Doryteuthis_gahi	Thalassarche_melanophris	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Micromesistius_australis	Thalassarche_melanophris	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Patagonotothen_guntheri	Thalassarche_melanophris	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Macrourus_holotrachys	Thalassarche_melanophris	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Sprattus_fuegensis	Thalassarche_melanophris	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Electrona_spp	Thalassarche_melanophris	Arata_etal_2004	<a href="https://doi.org/10.1017/S095410200400207X">https://doi.org/10.1017/S095410200400207X</a>	Inferred from Electrona antarctica and Electrona carlsbergi
Polychaeta	Themisto_gaudichaudii	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Pseudosagitta_gazellae	Themisto_gaudichaudii	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Themisto_gaudichaudii	Tinerfe_cyanea	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem



Prey	Predator	Reference	Link	Observations
Pseudosagitta_gazellae	Tinerfe_cyanea	Marina_etal_inrev.	NA	Inferred from Burdwood Bank ecosystem
Calanoida	Trematomus_newnesi	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Euphausiidae	Trematomus_newnesi	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Ostracoda	Trematomus_newnesi	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Polyplacophora	Trematomus_newnesi	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Amphipoda	Trematomus_newnesi	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Gastropoda_others	Trematomus_newnesi	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	Inferred from Onoba sp
Isopoda_others	Trematomus_newnesi	Moreira_etal_2014	<a href="https://doi.org/10.1007/s00300-014-1545-3">https://doi.org/10.1007/s00300-014-1545-3</a>	
Isopoda_others	Trematomus_scotti	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Themisto_gaudichaudii	Trematomus_scotti	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Calanoida	Trematomus_scotti	GATEWAY	<a href="https://doi.org/10.25829/IDIV.283-3-756">https://doi.org/10.25829/IDIV.283-3-756</a>	Inferred from Weddell Sea ecosystem
Doryteuthis_gahi	Ziphiidae	Riccialdelli_etal_2017	<a href="https://doi.org/10.3354/meps12296">https://doi.org/10.3354/meps12296</a>	
Illex_argentinus	Ziphiidae	Riccialdelli_etal_2017	<a href="https://doi.org/10.3354/meps12296">https://doi.org/10.3354/meps12296</a>	
Merluccius_hubbisi	Ziphiidae	Riccialdelli_etal_2017	<a href="https://doi.org/10.3354/meps12296">https://doi.org/10.3354/meps12296</a>	
Merluccius_australis	Ziphiidae	Riccialdelli_etal_2017	<a href="https://doi.org/10.3354/meps12296">https://doi.org/10.3354/meps12296</a>	
Gonatus_antarcticus	Ziphiidae	Riccialdelli_etal_2017	<a href="https://doi.org/10.3354/meps12296">https://doi.org/10.3354/meps12296</a>	
Dissostichus_eleginoides	Ziphiidae	Riccialdelli_etal_2017	<a href="https://doi.org/10.3354/meps12296">https://doi.org/10.3354/meps12296</a>	
Micromesistius_australis	Ziphiidae	Riccialdelli_etal_2017	<a href="https://doi.org/10.3354/meps12296">https://doi.org/10.3354/meps12296</a>	
Macruronus_magellanicus	Ziphiidae	Riccialdelli_etal_2017	<a href="https://doi.org/10.3354/meps12296">https://doi.org/10.3354/meps12296</a>	
Lepidonotothen	Ziphiidae	Riccialdelli_etal_2017	<a href="https://doi.org/10.3354/meps12296">https://doi.org/10.3354/meps12296</a>	
Pseudochaenichthys_georgianus	Ziphiidae	Riccialdelli_etal_2017	<a href="https://doi.org/10.3354/meps12296">https://doi.org/10.3354/meps12296</a>	
Nototheniops_larseni	Ziphiidae	Riccialdelli_etal_2017	<a href="https://doi.org/10.3354/meps12296">https://doi.org/10.3354/meps12296</a>	
Pleuragramma_antarcticum	Ziphiidae	Riccialdelli_etal_2017	<a href="https://doi.org/10.3354/meps12296">https://doi.org/10.3354/meps12296</a>	
Mesonychoteuthis_hamiltonii	Ziphiidae	Clarke_etal_1994	10.1017/S0954102094000234	
Decapoda_others	Ziphiidae	Goodall_etal_1985	10.1007/978-3-642-82275-9_77	
Phytoplankton	Zooplankton			

Table 2: List of species for the food web of the Marine Protected Area Yaganes. TL: Trophic Level; KSI: Keystone Species Index. TaxLevel: Taxonomic Level. Ordered by the KSI.

Species	Degree	Closeness	Betweenness	TL	KSI	TaxLevel
Dissostichus_eleginoides	42	0.004	1568	4.873	1	Species
Patagonotothen_ramsayi	29	0.004	232.2	3.962	6.667	Species
Micromesistius_australis	29	0.004	446.3	4.245	7	Species
Themisto_gaudichaudii	31	0.004	125.8	3.5	7	Species
Gymnoscopelus_spp	23	0.004	183.3	3.429	7.333	Genus
Sprattus_fuegensis	31	0.004	123.6	3.708	8.333	Species
Doryteuthis_gahi	34	0.004	108.9	3.625	8.667	Species
Lagenorhynchus_australis	21	0.004	175.7	4.564	8.667	Species
Batoteuthis_skolops	18	0.004	1086	5.178	10.33	Species
Salilota_australis	19	0.004	425.2	5.062	10.67	Species
Euphausiidae	37	0.004	65.08	2.5	10.67	Family
Patagonotothen_guntheri	21	0.004	162.5	3.615	11.33	Species
Grimothea_gregaria	27	0.004	75.42	2.5	11.67	Species
Electrona_spp	21	0.004	58.32	3.4	16	Genus
Enteroctopus_megalocyathus	18	0.003	143.5	3.124	16	Species
Gonatus_antarcticus	15	0.003	236	4.574	18	Species
Lamna_nasus	18	0.004	36.92	5.031	18.33	Species
Pagurus_comptus	14	0.003	110.1	2.643	18.33	Species
Macrourus_holotrachys	12	0.003	113.2	4.704	19.67	Species
Mastigoteuthis_spp	7	0.003	743.3	5.229	20	Genus
Pseudosagitta_gazellae	14	0.003	76.49	2.5	20.67	Species
Polychaeta	13	0.004	63.87	2.5	20.67	Class
Macrourus_carinatus	16	0.004	19.46	4.241	21	Species
Illex_argentinus	13	0.004	28.14	3.829	22	Species
Alluroteuthis_antarcticus	14	0.003	200.2	4.643	22	Species
Otaria_byronia	14	0.004	23.04	5.038	23	Species
Bathyraja_brachyurops	18	0.004	18.7	4.549	24.33	Species
Harpagiferidae_sp	8	0.003	70.75	3.375	24.67	Family
Decapoda_others	11	0.003	82.03	3	25.33	Order
Champscephalus_gunnari	11	0.003	97.41	3.687	25.67	Species
Moroteuthis_ingens	13	0.003	88.76	4.687	26.33	Species
Odontheistes_spp	7	0.003	30.37	3.6	26.67	Genus
Krefftichthys_andersoni	13	0.004	13.81	3.5	27.67	Species

Species	Degree	Closeness	Betweenness	TL	KSI	TaxLevel
Coelorinchus_fasciatus	13	0.003	17.57	4.067	28	Species
Histioteuthis_eltaninae	11	0.003	907	5.864	28.33	Species
Eukrohnia_hamata	7	0.003	56.83	3.5	29.67	Species
Kondakovia_longimana	9	0.003	82.32	4.839	30.67	Species
Myxine_spp	7	0.003	33.15	2.548	31	Genus
Spheniscus_magellanicus	9	0.004	6.8	4.088	31.33	Species
Lepidonotothen	10	0.003	16.47	3.393	31.67	Genus
Tinerfe_cyanea	12	0.003	17.02	4	31.67	Species
Notothenia_coriiceps	9	0.003	63.4	3.536	32.33	Species
Ostracoda	9	0.003	19.64	2	33.33	Class
Pseudorca_crassidens	23	0.004	0	5.092	33.33	Species
Cottoperca_trigloides	13	0.003	7.852	5.211	33.67	Species
Calanoida	13	0.003	6.924	2	33.67	Order
Mirounga_leonina	15	0.003	7.061	5.13	34.67	Species
Squaliformes	2	0.003	111	5.564	35	Order
CtenoCalanoida_vanus	11	0.003	9.289	2.75	35	Species
Martialia_hyadesi	12	0.003	17.27	4.473	35	Species
Globicephala_melas_edwardii	18	0.004	0	4.969	35	Species
Amphipoda	13	0.003	10.35	3	35.33	Order
Thalassarche_chrysostoma	15	0.004	0	4.373	35.33	Species
Mesonychoteuthis_hamiltonii	12	0.003	19.72	5.453	35.67	Species
Balaenoptera_physalus	18	0.004	0	4.614	35.67	Species
Phytoplankton	17	0.004	0	1	36	NA
Pleuragramma_antarcticum	12	0.003	6.619	3.25	36.33	Species
Ophidiidae	12	0.003	5.131	4.771	36.33	Family
RhinCalanoida_gigas	9	0.003	17.18	3.25	36.67	Species
Paralomis_granulosa	4	0.003	69	3.354	37	Species
Galiteuthis_glacialis	8	0.003	32.55	4.839	37	Species
Copepoda_others	10	0.003	5.632	2	37.33	Class
Gastropoda_others	10	0.003	17.92	2.75	37.33	Class
Pseudochaenichthys_georgianus	8	0.003	4.817	4.221	38.33	Species
Trematomus_scotti	7	0.003	11.13	3.5	38.33	Species
Ilucoetes_fimbriatus	11	0.003	3.91	5	38.67	Species
Ziphiidae	14	0.004	0	5.035	39	Family
Thalassarche_melanophris	10	0.004	0	4.841	39	Species
Balaenoptera_borealis	10	0.003	0	3.914	40.67	Species
Macruronus_magellanicus	6	0.003	2.598	3.903	41	Species

Species	Degree	Closeness	Betweenness	TL	KSI	TaxLevel
Lagenorhynchus_cruciger	13	0.003	0	5.052	41	Species
Drepanopus_forcipatus	10	0.003	2.456	2	41.33	Species
Neocalanoida_tonsus	10	0.003	2.456	2	41.33	Species
Pagetopsis_sp	9	0.003	5.368	4.462	42.33	Genus
Cirratulidae	3	0.003	38.94	2	43	Family
Pseudechinus_magellanicus	6	0.003	26.67	3.313	43.67	Species
Diomedea_exulans	6	0.003	0	4.367	43.67	Species
Detritus	15	0.003	0	1	45.33	NA
Isopoda_others	10	0.003	4.399	2	46	Order
Merluccius_australis	7	0.003	4.7	4	46.33	Species
Campylonotus_vagans	5	0.003	3.689	2.75	46.33	Species
Zooplankton	5	0.003	2.281	2	47	NA
Daption_capense	6	0.003	0	4.181	47.67	Species
Nototheniops_larseni	5	0.003	1.266	3.5	48.33	Species
Balaenoptera_bonaerensis	6	0.003	0	3.743	48.33	Species
Merluccius_hubbisi	7	0.003	0.211	4.625	48.67	Species
Salpidae_spp	4	0.003	1.618	2	48.67	Family
Orcinus_orca	11	0.003	0	5.666	48.67	Species
Pelagobia_longicirrata	4	0.003	14	3.5	49	Species
Megaptera_novaeangliae	3	0.003	0	3.903	49.33	Species
Balaenoptera_acutorostrata	7	0.003	0	3.958	50	Species
Polyplacophora	7	0.003	3.435	2	50.67	Class
Liothyrella_uva	5	0.003	1.48	2	50.67	Species
Magellania_venosa	5	0.003	1.48	2	50.67	Species
Terebratella_dorsata	5	0.003	1.48	2	50.67	Species
Cottunculus_granulosus	5	0.003	0.169	4.413	51	Species
Ichthyoplankton	4	0.003	6.325	2.5	51.33	NA
Eudytes_chrysocome	4	0.003	0	4.624	51.67	Species
Macroneustes_giganteus	4	0.003	0	4.52	51.67	Species
Trematomus_newnesi	7	0.003	0	3.321	52	Species
Fulmarus_glacialoides	3	0.003	0	4.611	53.33	Species
Ardenna_gravis	3	0.003	0	4.611	53.33	Species
Puffinus_griseus	3	0.003	0	4.611	53.33	Species
Notothenia_rossi	6	0.003	0	3.375	53.67	Species
Lissodelphis_peronii	5	0.003	0	5.153	54.33	Species
Bathyraja_macloviana	4	0.003	0.31	5	54.67	Species
Lissodelphis_peroniia	4	0.003	0	4.488	55	Species

Species	Degree	Closeness	Betweenness	TL	KSI	TaxLevel
Macroneustes_halli	3	0.003	0	4.86	55.67	Species
Mactridae_spp	2	0.003	0.733	2	56	Family
Macrouridae	2	0.003	0.736	3.5	57	Family
Eudytes_chrysocome_chrysocome	3	0.003	0	3.667	57	Species
Necromass	4	0.003	0	1	57.67	NA
Serolidae	4	0.003	0	3	58	Family
Globicephala_melaena	2	0.003	0	4.375	58.33	Species
Anuropsus_antarcticus	2	0.003	0.5	2	58.67	Species
Gorgonocephalus_chilensis	2	0.003	0	4.25	59.67	Species
Ophiacantha_vivipara	4	0.003	0	3.188	60	Species
Bathyteuthis_abyssicola	5	0.002	0	6.178	60.33	Species
Filippovia_knipovitchi	4	0.003	0	6.333	60.33	Species
Eubalaena_australis	4	0.002	0	3.5	61.33	Species
Cumacea	1	0.002	0	1	62	Order
Squalus_acanthias	1	0.002	0	4.124	62.67	Species
Caperea_marginata	1	0.002	0	3	63	Species
Anuropsus_australis	1	0.002	0	2	63.33	Species
Foraminifera	2	0.002	0	1	63.67	Phylum
Globicephala_melas	1	0.002	0	5.687	63.67	Species
Cosmasterias_lurida	1	0.002	0	4.312	64.33	Species