

Species	Vertical habitat	N sampled	N with prey	Literature-based guild	Tentilla-based prediction of guild	Metabarcoding prey	Photo
<i>Physalia physalis</i>	Pleustonic	5	3	Fish		Fish, ctenophore	A
Undescribed physonect ZigZag	Mesopelagic	1	0				B
Undescribed physonect L	Bathypelagic	2	1		Fish	Ctenophore	C
<i>Erenna sirena</i>	Bathypelagic	2	0	Fish			D
<i>Erenna cornuta</i>	Bathypelagic	1	0				E
<i>Stephanomia amphytridis</i>	Bathypelagic	3	0				F
<i>Apolemia rubriversa</i>	Mesopelagic	7	2	Gelatinous		Copepod, salp	G
<i>Apolemia</i> sp.	Mesopelagic	3	3	Gelatinous		Copepod, mysid, euphausid, ctenophore, larvacean	H
<i>Apolemia lanosa</i>	Bathypelagic	3	1		Gelatinous	Copepod	I
<i>Nanomia</i> sp. shallow Pacific	Epipelagic	12	2	Large crustacean		Copepod, amphipod	J
<i>Nanomia</i> sp. shallow Atlantic	Epipelagic	14	9			Copepod	
<i>Halistemma rubrum</i>	Epipelagic	1	1		Large crustacean	Lophogastrid	
<i>Nanomia</i> sp. deep	Mesopelagic	3	1	Large crustacean		Euphausid, stomatopod	
<i>Lychnagalma utricularia</i>	Mesopelagic	4	2	Large crustacean		Decapod, euphausid	
<i>Resomia ornicephala</i>	Mesopelagic	1	0	Large crustacean			
<i>Craseoa lathetica</i>	Mesopelagic	2	0		Large crustacean		
<i>Lilyopsis fluoracantha</i>	Mesopelagic	1	0		Large crustacean		
<i>Praya dubia</i>	Mesopelagic	2	0	Large crustacean			
<i>Desmophyes annectens</i>	Mesopelagic	1	1			Copepod	
<i>Bargmannia elongata</i>	Mesopelagic	2	1		Large crustacean	Ostracod, euphausid	
<i>Bargmannia amoena</i>	Bathypelagic	3	2	Large crustacean		Copepod, mysid	
<i>Bargmannia lata</i>	Bathypelagic	3	2		Large crustacean	Copepod, ctenophore	
<i>Marrus claudanielis</i>	Bathypelagic	2	0		Large crustacean		
<i>Forskalia</i> sp.	Epipelagic	3	3	Generalist		Copepod, decapod	
<i>Agalma okenii</i>	Epipelagic	3	0	Generalist			
<i>Frillagalma vityazi</i>	Mesopelagic	3	0		Generalist		
<i>Vogtia serrata</i>	Mesopelagic	3	2		Generalist	Ostracod, decapod, bivalve	
<i>Resomia dunnii</i>	Bathypelagic	3	1		Generalist	Copepod	
<i>Sulculeolaria chuni</i>	Epipelagic	1	1	Small crustacean		Copepod	
<i>Muggiae atlantica</i>	Epipelagic	5	1	Small crustacean		Larvacean	
<i>Diphyes dispar</i>	Epipelagic	15	3	Small crustacean		Copepod, euphausid, salp	
<i>Cordagalma ordinatum</i>	Epipelagic	1	0	Small crustacean			
<i>Sphaeronectes koellikeri</i>	Epipelagic	10	2	Small crustacean		Copepod, decapod	
<i>Sphaeronectes christiansonae</i>	Mesopelagic	1	1			Scyphomedusa	
<i>Lensia conoidea</i>	Mesopelagic	1	1		Small crustacean	Copepod	
<i>Chuniphyes multidentata</i>	Mesopelagic	5	1		Small crustacean	Copepod	
<i>Gymnopraia lapislazula</i>	Mesopelagic	3	0		Small crustacean		
<i>Kephyses ovata</i>	Mesopelagic	2	0		Small crustacean		
<i>Chuniphyes moserae</i>	Bathypelagic	1	0		Small crustacean		

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<i>Physalia physalis</i>	Pleustonic	5	3	Fish		Fish, ctenophore	A
<i>Apolemia lanosa</i>	Bathypelagic	3	1		Gelatinous	Copepod	B
<i>Apolemia rubriversa</i>	Mesopelagic	7	2	Gelatinous		Copepod, salp	C
<i>Apolemia</i> sp.	Mesopelagic	3	3	Gelatinous		Copepod, mysid, euphausid, ctenophore, larvacean	
<i>Bargmannia amoena</i>	Bathypelagic	3	2	Large crustacean		Copepod, mysid	
<i>Bargmannia elongata</i>	Mesopelagic	2	1		Large crustacean	Ostracod, euphausid	
<i>Bargmannia lata</i>	Bathypelagic	3	2		Large crustacean	Copepod, ctenophore	
<i>Erenna cornuta</i>	Bathypelagic	1	0				
<i>Erenna sirena</i>	Bathypelagic	2	0	Fish			
Undescribed physonect L	Bathypelagic	2	1		Fish	Ctenophore	D
Undescribed physonect ZigZag	Mesopelagic	1	0				
<i>Stephanomia amphytridis</i>	Bathypelagic	3	0				
<i>Marrus claudanielis</i>	Bathypelagic	2	0		Large crustacean		
<i>Resomia dunni</i>	Bathypelagic	3	1		Generalist	Copepod	E
<i>Resomia ornicephala</i>	Mesopelagic	1	0	Large crustacean			
<i>Frillagalma vityazi</i>	Mesopelagic	3	0		Generalist		
<i>Cordagalma ordinatum</i>	Epipelagic	1	0	Small crustacean			
<i>Forskalia</i> sp.	Epipelagic	3	3	Generalist	Large crustacean	Copepod, decapod	F
<i>Lychnagalma utricularia</i>	Mesopelagic	4	2	Large crustacean		Decapod, euphausid	G
<i>Halistemma rubrum</i>	Epipelagic	1	1		Large crustacean	Lophogastrid	
<i>Agalma okenii</i>	Epipelagic	3	0	Generalist			
<i>Nanomia</i> sp. deep	Mesopelagic	3	1	Large crustacean		Euphausid, stomatopod	H
<i>Nanomia</i> sp. shallow Atlantic	Epipelagic	14	9			Copepod	
<i>Nanomia</i> sp. shallow Pacific	Epipelagic	12	2	Large crustacean		Copepod, amphipod	
<i>Praya dubia</i>	Mesopelagic	2	0	Large crustacean			
<i>Craseoia latethica</i>	Mesopelagic	2	0		Large crustacean		
<i>Gymnopraia lapislazula</i>	Mesopelagic	3	0		Small crustacean		
<i>Vogtia serrata</i>	Mesopelagic	3	2	Small crustacean	Generalist	Ostracod, decapod, bivalve	
<i>Lilyopsis fluoracantha</i>	Mesopelagic	1	0		Large crustacean		
<i>Desmophyes annectens</i>	Mesopelagic	1	1	Gelatinous		Copepod	
<i>Kephyes ovata</i>	Mesopelagic	2	0		Small crustacean		
<i>Chuniphyes moserae</i>	Bathypelagic	1	0		Small crustacean		
<i>Chuniphyes multidentata</i>	Mesopelagic	5	1		Small crustacean	Copepod	
<i>Sphaeronectes christiansonae</i>	Mesopelagic	1	1			Scyphomedusa	
<i>Sphaeronectes koellikeri</i>	Epipelagic	10	2	Small crustacean		Copepod, decapod	I
<i>Sulculeolaria chuni</i>	Epipelagic	1	1	Small crustacean		Copepod	
<i>Muggiae atlantica</i>	Epipelagic	5	1	Small crustacean		Larvacean	
<i>Lensia conoidea</i>	Mesopelagic	1	1		Small crustacean	Copepod	
<i>Diphyes dispar</i>	Epipelagic	15	3	Small crustacean		Copepod, euphausid, salp	J

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<i>Physalia physalis</i>	Pleustonic	5	3	Fish		Fish, ctenophore	A
<i>Cordagalma ordinatum</i>	Epipelagic	1	0	Small crustacean			
<i>Forskalia</i> sp.	Epipelagic	3	3	Generalist	Large crustacean	Copepod, decapod	B
<i>Halistemma rubrum</i>	Epipelagic	1	1		Large crustacean	Lophogastrid	
<i>Agalma okenii</i>	Epipelagic	3	0	Generalist			
<i>Nanomia</i> sp. shallow Atlantic	Epipelagic	14	9			Copepod	
<i>Nanomia</i> sp. shallow Pacific	Epipelagic	12	2	Large crustacean		Copepod, amphipod	
<i>Sphaeronectes koellikeri</i>	Epipelagic	10	2	Small crustacean		Copepod, decapod	C
<i>Sulculeolaria chuni</i>	Epipelagic	1	1	Small crustacean		Copepod	
<i>Muggiae atlantica</i>	Epipelagic	5	1	Small crustacean		Larvacean	
<i>Diphyes dispar</i>	Epipelagic	15	3	Small crustacean		Copepod, euphausid, salp	D
<i>Lensia conoidea</i>	Mesopelagic	1	1		Small crustacean	Copepod	
<i>Bargmannia elongata</i>	Mesopelagic	2	1		Large crustacean	Ostracod, euphausid	
Undescribed physonect ZigZag	Mesopelagic	1	0				
<i>Resomia ornicephala</i>	Mesopelagic	1	0	Large crustacean			
<i>Frillagalma vityazi</i>	Mesopelagic	3	0		Generalist		
<i>Nanomia</i> sp. deep	Mesopelagic	3	1	Large crustacean		Euphausid, stomatopod	E
<i>Lychnagalma utricularia</i>	Mesopelagic	4	2	Large crustacean		Decapod, euphausid	F
<i>Praya dubia</i>	Mesopelagic	2	0	Large crustacean			
<i>Craseoa lathetica</i>	Mesopelagic	2	0		Large crustacean		
<i>Gymnopraia lapislazula</i>	Mesopelagic	3	0		Small crustacean		
<i>Vogtia serrata</i>	Mesopelagic	3	2	Small crustacean	Generalist	Ostracod, decapod, bivalve	
<i>Lilyopsis fluoracantha</i>	Mesopelagic	1	0		Large crustacean		
<i>Desmophyes annectens</i>	Mesopelagic	1	1	Gelatinous		Copepod	
<i>Kephyses ovata</i>	Mesopelagic	2	0		Small crustacean		
<i>Chuniphyes multidentata</i>	Mesopelagic	5	1		Small crustacean	Copepod	
<i>Sphaeronectes christiansonae</i>	Mesopelagic	1	1			Scyphomedusa	
<i>Apolemia rubriversa</i>	Mesopelagic	7	2	Gelatinous		Copepod, salp	G
<i>Apolemia</i> sp.	Mesopelagic	3	3	Gelatinous		Copepod, mysid, euphausid, ctenophore, larvacean	
<i>Apolemia lanosa</i>	Bathypelagic	3	1		Gelatinous	Copepod	H
<i>Bargmannia amoena</i>	Bathypelagic	3	2	Large crustacean		Copepod, mysid	
<i>Bargmannia lata</i>	Bathypelagic	3	2		Large crustacean	Copepod, ctenophore	
<i>Erenna cornuta</i>	Bathypelagic	1	0				
<i>Erenna sirena</i>	Bathypelagic	2	0	Fish			
Undescribed physonect L	Bathypelagic	2	1		Fish	Ctenophore	I
<i>Stephanomia amphytridis</i>	Bathypelagic	3	0				
<i>Marrus claudanielis</i>	Bathypelagic	2	0		Large crustacean		
<i>Resomia dunni</i>	Bathypelagic	3	1		Generalist	Copepod	J
<i>Chuniphyes moserae</i>	Bathypelagic	1	0		Small crustacean		

	Pleustonic	Fish		Fish, ctenophore
	Epipelagic	Large crustacean		Copepod, amphipod
	Epipelagic			Copepod
	Epipelagic		Large crustacean	Lophogastrid
	Epipelagic	Generalist		Copepod, decapod
	Epipelagic	Small crustacean		Copepod
	Epipelagic	Small crustacean		Larvacean
	Epipelagic	Small crustacean		Copepod, euphausid, salp
	Epipelagic	Small crustacean		Copepod, decapod
	Mesopelagic	Gelatinous		Copepod, salp
	Mesopelagic	Gelatinous		Copepod, mysid, euphausid, ctenophore, larvacean
	Mesopelagic	Large crustacean		Euphausid, stomatopod
	Mesopelagic	Large crustacean		Decapod, euphausid
	Mesopelagic			Copepod
	Mesopelagic		Large crustacean	Ostracod, euphausid
	Mesopelagic		Generalist	Ostracod, decapod, bivalve
	Mesopelagic			Scyphomedusa
	Mesopelagic		Small crustacean	Copepod
	Mesopelagic		Small crustacean	Copepod
			Fish	Ctenophore
			Gelatinous	Copepod
		Large crustacean		Copepod, mysid
			Large crustacean	Copepod, ctenophore
			Generalist	Copepod