

CATALOGUING TEXAS COASTAL SPECIES INTERACTIONS: A DATABASE FOR COASTAL MANAGERS, SCIENTISTS AND EDUCATORS

by

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Prepared for
Coastal Coordination Council
GLO Contract No. 16-058-000-9102

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31 August 2018

TAMU-CC-1802-CCS



A report funded by a Texas Coastal Management Program grant approved by the Texas Land Commissioner pursuant to National Oceanic and Atmospheric Administration award No. NA15NOS4190162.

EXECUTIVE SUMMARY

Data supporting the nature and extent of species interactions is vital in understanding how ecosystems function. Knowledge of these interactions is necessary in reaching management decisions, playing an important role in handling oil and chemical spills and responding to natural disasters. Currently, access to data is difficult. General texts and reports may provide summaries or brief descriptions of species interactions, but typically the information is not precise, and rarely includes spatial information. To alleviate this problem a database of trophic and later all species interactions, the Gulf of Mexico Species Interaction (GoMexSI) database and Global Biotic Interactions (GloBI) were conceived in order to make these data more easily accessible to researchers, managers, and educators. The goal of this project was to complete the extraction, editing, and upload of all species predator/prey interactions for selected taxa for the bays and estuaries of Texas.

All the bays and estuaries of Texas were considered for this study, but due to funding limitations only a small portion of the data from Aransas Bay was extracted and loaded into the GoMexSI database. The study area extended out to the shallow off-shore waters as indicated on the map, as many of the marine mammals and reptiles were collected as stranded animals along the Gulf shoreline and were likely feeding in these near-coastal waters.

Although the GoMexSI project was originally focused on the fishes, we made the decision that we were going to begin to exploit the literature and references on other taxa of the marine environment along the Texas coast. In so doing, we were able to extract predator/prey data on sea and shore birds, marine mammals, marine reptiles, arthropods and molluscs. In total, we extracted data from 59 references, which were added to the already 21 references that had been extracted and uploaded into the GoMexSI database. Of those 59 new references, 54 have been uploaded, and the remaining five are in the process of being edited.

A total of 5570 lines of data were uploaded to the GoMexSI database as a result of this project. The greatest number of references are from the Actinopterygii (fishes) with a total of 26 references which yielded a total of 2114 lines of data. Close behind the fishes were the Aves (birds) which had a total of 22 references which yielded 1430 lines of data. Beyond that Mammalia (mammals) had 10 references and 580 lines of data. None of the other three taxa had more than 10 references. Reptilia (reptiles) which only had 6 references did yield 1305 lines of data. The other two taxa (Arthropoda and Mollusca) each yielded less than 100 lines of data.

An education/outreach product from the Texas State Aquarium titled “What’s For Dinner?” challenges students to diagram food webs from authentic dietary data collected by scientists at the Gulf of Mexico Species Interaction program. The product from the Aquatic Education Program of the Center for Coastal Studies titled “Guts Galore” students will attempt constructing a simple food chain/web from discarded by-catch from local bay shrimpers or fish carcasses collected from fish cleaning locations.

TABLE OF CONTENTS

	Page
Executive Summary	i
List of Tables	iii
List of Figures	iv
List of Appendices	v
Acknowledgement	vii
Introduction	1
Study area	2
References to species interactions in Texas bays and estuaries	3
Texas species interaction data uploaded into GoMexSI	5
Education/outreach using species interaction data from GoMexSI	8
Enhancements to the GoMexSI webpage	11
Outline of manuscript for peer reviewed literature submission	12
Literature cited	13
Appendices	14

List of Tables

Table		Page
1	List of the major taxonomic groups for which we extracted species interaction data, the number of references and the number of lines of data for each of those taxa.	5
2	List of the values for ecosystem structure and network structure parameters for each of the Texas bays and estuaries	7

List of Figures

Figure		Page
1	Map of the area from which the diet data references were taken	2
2	Network diagram for the two predators and their prey for Sabine Lake	10

List of Appendices

Appendix		Page
1	List of reference IDs, cited author and year, and the status of those references by Texas bay.	15
2	List of full citations to the references for data that is in the GoMexSI database including those references that were extracted as part of this CMP project.	21
3	Lines of data extracted from each of the listed references for the CMP project.	28
4	What's for Dinner, or who eats whom in the Gulf of Mexico?	32
5	Guts Galore!!!	33
6	List of reference IDs accessed from GoMexSI on 10 September 2018, the number of and list of unique predators, prey, and species interactions for Sabine Lake.	36
7	List of reference IDs accessed from GoMexSI on 10 September 2018, the number of and list of unique predators, prey, and species interactions for Galveston Bay.	37
8	List of reference IDs accessed from GoMexSI on 10 September 2018, the number of and list of unique predators, prey, and species interactions for Matagorda Bay.	38
9	List of reference IDs accessed from GoMexSI on 10 September 2018, the number of and list of unique predators, prey, and species interactions for San Antonio Bay.	39
10	List of reference IDs accessed from GoMexSI on 10 September 2018, the number of and list of unique predators, prey, and species interactions for Corpus Christi Bay.	40
11	List of reference IDs accessed from GoMexSI on 10 September 2018, the number of and list of unique predators, prey, and species interactions for Upper Laguna Madre.	41
12	List of reference IDs accessed from GoMexSI on 10 September 2018, the number of and list of unique predators, prey, and species interactions for Lower Laguna Madre.	42
13	Outline for manuscript for peer-reviewed journal.	43

Acknowledgement

We would like to thank the Texas General Land Office Coastal Management Program for providing the funding for this project. GLO Contract No. 16-058-000-9102.

Many thanks to the following interns and volunteers who assisted with the extraction and editing of the diet and spatial data collection process: Claire Berger, Morgan Boening, Savannah Borrowman, Michael Brode, Frederike Davis, Alex Fisher, Jordan Lewis, Javier Lorenzo, Rebecca Lund, Erin Mawhinney, Tarah Murray, Renee Pearl, Kalen Rice, Landrue Richards, Jennel Schmidt, Gavyn Shealy, and Hannah Stiles.

Introduction

Data supporting the nature and extent of species interactions is vital in understanding how ecosystems function. Knowledge of these interactions is necessary in reaching management decisions, playing an important role in handling oil and chemical spills and responding to natural disasters. Currently, access to data is difficult. General texts and reports may provide summaries or brief descriptions of species interactions, but typically the information is not precise, and rarely includes spatial information.

To alleviate this problem a database of trophic and later all species interactions was conceived in order to make these data more easily accessible to researchers, managers, and educators (Simons et al 2013). Finally, in September of 2013, the Gulf of Mexico Species Interaction (GoMexSI) database and website were launched. This effort was in conjunction with the Global Biotic Interactions (GloBI) database (Poelen et al 2015), and GoMexSI is an application of GloBI, utilizing data checking routines that are set up in GloBI.

The goal of this project was to complete the extraction, editing, and upload of all species predator/prey interactions for selected taxa for the bays and estuaries of Texas. Due to funding constraints that target had to be reduced to approximately 60% of the references available. In addition to the data work, we planned to edit and enhance the GoMexSI webpage, and to work with educators to improve the accessibility and opportunities for teachers to use the GoMexSI database and webpage in their classrooms to teach food web principles, and basic biological information about the marine organisms along the Texas coast.

Study Area

All the bays and estuaries of Texas were considered for this study, but due to funding limitations only a small portion of the data from Aransas Bay was extracted and loaded into the GoMexSI database. The study area extended out to the shallow off-shore waters as indicated on the map, as many of the marine mammals and reptiles were collected as stranded animals along the Gulf shoreline and were likely feeding in these near-coastal waters.

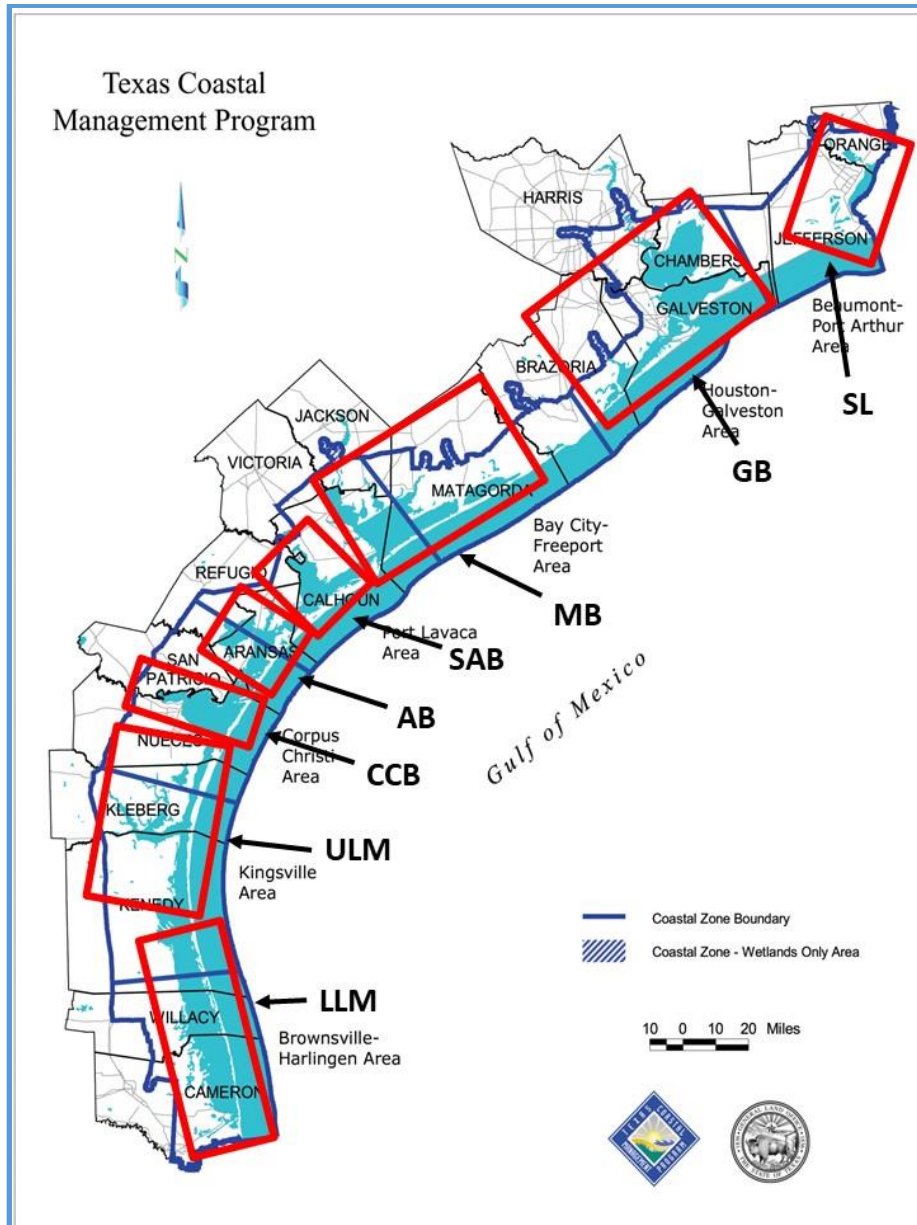


Figure 1. Map of the area from which the references were taken. (SL=Sabine Lake, GB=Galveston Bay, MB=Matagorda Bay, SAB=San Antonio Bay, AB=Aransas Bay, CCB=Corpus Christi Bay, ULM=Upper Laguna Madre, LLM=Lower Laguna Madre).

References to species interactions in Texas bays and estuaries

Although the GoMexSI project originally was focused on the fishes, we made the decision that we were going to begin to exploit the literature and references on other taxa of the marine environment along the Texas coast. In so doing, we were able to extract predator/prey data on sea and shore birds, marine mammals, marine reptiles, arthropods and molluscs. In total, we extracted data from 59 references, that was added to the already 21 references that had been extracted and uploaded into the GoMexSI database (see Table 1 in Appendix 1). Of those 59 new references, 54 have been uploaded, and the remaining five are in the process of being edited.

Following is a brief summary of the data that was extracted from 7 of the 8 bay systems in Texas. Due to funding limitations, only Aransas Bay was not completed. Currently we have a volunteer intern working on Aransas Bay and hope to have it completed by the end of the year.

Sabine Lake: There were four new references to predator/prey data available for Sabine Lake, two of them were for fishes, one for birds, and one for the bottlenose dolphin. None of these four studies dealt exclusively with Sabine Lake. One of the references (ACT_25M) had already been extracted at the inception of this project.

Galveston Bay: There were a total of 30 references on predator/prey data extracted for this project from Galveston Bay, with an additional seven having already been extracted and in the database. A total of 20 of those extracted were for fishes, while there was two for arthropods, four for birds, three for marine mammals, and one for molluscs.

Matagorda Bay: There were 13 new references to predator/prey data extracted for Matagorda Bay, with an additional six having already been extracted and uploaded. Of those 13, two of them were for fishes, one arthropod, three for birds, five for marine mammals, one for molluscs, and one for marine reptiles.

San Antonio Bay: There were only six new references on predator prey data available for extraction for San Antonio Bay, and there were four references already extracted and uploaded at the inception of the project. Of the six new references, one was for fishes, four for birds, and one for marine reptiles. One of the extracted references (AVE_2C) is still awaiting editing prior to being uploaded.

Aransas Bay: As mentioned above, we did not have the resources to do the extractions of all the predator/prey references for all of the bays, so Aransas Bay was chosen to be deleted from the effort, so that the maximum number of bays could be completed based on the data already in the database. However, because of spatial overlap within the studies, six new references were added to three already in the database, and three more have been extracted and awaiting editing. There are 12 additional references that need to be extracted for Aransas Bay to be completed.

Corpus Christi Bay: A total of 13 references to predator/prey interactions were extracted for Corpus Christi Bay, with an additional four having been already extracted and uploaded at the inception of this project. Of those 13, three of them were for fishes, four for birds, three for marine mammals, and three for marine reptiles.

Upper Laguna Madre: There were 18 new references to predator/prey interaction data extracted, and 16 were uploaded to the GoMexSI database. Two remain to be edited. Of the 18 new references, three of them were for fishes, 10 were for birds, two for marine mammals, and three for marine reptiles.

Lower Laguna Madre: There were 20 new references for predator/prey interactions extracted for Lower Laguna Madre, three of which are awaiting edits in order to be uploaded. Only Galveston Bay with 30, had more new references added. This was in addition to five references that had previously been extracted and uploaded. Of the 19 new references, six were for fishes, eight were for birds, three for marine mammals, and three for marine reptiles.

In Table 2 in Appendix 2 there is a full citation listing of all the references cited in Table 1.

Texas species interaction data uploaded into GoMexSI

A total of 5570 lines of data were uploaded to the GoMexSI database as a result of the heroic efforts of a number of student volunteers for this project. A summary of that data upload can be found in Table 1. A list of all of the individual references and the number of lines of data for each can be found in Appendix 3.

The greatest number of references are from the Actinopterygii (fishes) with a total of 26 references which yielded a total of 2114 lines of data. Close behind the fishes were the Aves (birds) which had a total of 22 references which yielded 1430 lines of data. Beyond that Mammalia (mammals) had 10 references and 580 lines of data. None of the other three taxa had more than 10 references. Reptilia (reptiles) which only had 6 references did yield 1305 lines of data. The other two taxa (Arthropoda and Mollusca) each yielded less than 100 lines of data.

Table 1. List of the major taxonomic groups for which we extracted species interaction data, the number of references and the number of lines of data for each of those taxa.

Major Taxonomic Group	Number of references	Number of lines of data
Actinopterygii	26	2114
Arthropoda	4	63
Aves	22	1430
Mammalia	10	580
Mollusca	2	78
Reptilia	6	1305
Grand Total	64	5570

In Table 2 we provide a summary of the species interaction data that are available for six of the Texas bays (Sabine Lake and Aransas Bay were excluded as they had far too little data available compared to what will be available). These data were downloaded from the GoMexSI database (gomexsi.tamucc.edu) on 10 September 2018. Future downloads will likely result in more data as several of the references were not online at the time of the download. This summary information can be found in Table 2.

Table 2 depicts what we are calling ecosystem structure and network structure. The ecosystem structure refers to the number of unique predators, prey, and interactions. The network structure looks at the number of nodes, number of possible interactions, and the network density. A complete listing of all the unique predators, prey, and interactions can be found in Appendices 6-12.

Galveston Bay, with 30 references accessed, lead in this category. Four of the other bays (MB, CCB, ULM, LLM) ranged from 12 to 17 references accessed. There were only seven references accessed from San Antonio Bay. Galveston Bay, with 90 unique predators, also had the highest number in this category. Corpus Christi Bay, with 56 unique predators, and Lower Laguna Madre, with 59 unique predators, followed behind Galveston Bay. The least number of unique predators, at 32, was reported for San Antonio Bay. Interestingly, there were three bays with a

larger number of unique prey items than Galveston Bay, those being Lower Laguna Madre, with 495, Upper Laguna Madre, with 461, and Matagorda Bay, with 459. Galveston Bay meanwhile had only 419 unique prey items. But Galveston Bay did have, by far, the greatest number of unique interactions, a total of 1415, followed by Upper Laguna Madre (1093 unique interactions), Matagorda Bay (1084 unique interactions), and Lower Laguna Madre (1075 unique interactions). San Antonio Bay, at 834, had the least number of unique interactions.

The network structure (Table 2) of the bays revealed that the Lower Laguna Madre had the most nodes (the sum of the number of predators and prey) with a total of 554, followed by a very tight grouping of Galveston Bay (509 nodes), Matagorda Bay (504 nodes), and Upper Laguna Madre (503 nodes). The number of links for each bay is the same as the number of unique interactions. The bays with the highest network density were Galveston Bay (.546%) and San Antonio Bay (.535%). These values indicate a low level of connectivity. The other bays had even lower values of network density, with Lower Laguna Madre, at 0.35%, having the lowest network density.

Table 2. List of the values for ecosystem structure and network structure parameters for each of the Texas bays and estuaries (ND=not done).

Ecosystem structure	Sabine Lake	Galveston Bay	Matagorda Bay	San Antonio Bay	Aransas Bay	Corpus Christi Bay	Upper Laguna Madre	Lower Laguna Madre
Number of references accessed	ND	30	12	7	ND	14	16	17
Number of unique predators	ND	90	45	32	ND	56	42	59
Number of unique prey	ND	419	459	363	ND	399	461	495
Number of unique interactions	ND	1415	1084	834	ND	974	1093	1075
Network structure								
Number of nodes	ND	509	504	395	ND	455	503	554
Number of links	ND	1415	1084	834	ND	974	1093	1075
Number of possible links*	ND	259081	254016	156025	ND	207025	253009	306916
Network density*	ND	0.00546	0.00427	0.00535	ND	0.00470	0.00432	0.00350
Number of possible links**	ND	258572	253512	155630	ND	206570	252506	306362
Network density**	ND	0.00547	0.00428	0.00536	ND	0.00472	0.00433	0.00351

*Includes the possibility of cannibalistic interactions

** without cannibalistic interactions

Education/outreach using species interaction data from GoMexSI

As stated in the Introduction, one of our goals was to work with educators to increase the use of the GoMexSI database and webpage in the classroom. We worked with Leslie Peart of the Texas State Aquarium and Jay Tarkington of the Center for Coastal Studies at TAMUCC to accomplish this goal.

Our first endeavor was to plan and conduct a teacher's workshop at the Texas State Aquarium. This workshop was held on an evening in October of 2016. About 20 teachers from middle and high school level attended the workshop. The evening began with a seafood dinner, with main items on the menu representative of different trophic levels of the marine and estuarine food webs in Texas bays and estuaries. Following the dinner, Dr. James Simons gave a short presentation about GoMexSI and showed the video that is currently featured on the GoMexSI website. Following the presentation, the floor was opened for questions. At first, things began slowly, but as the evening progressed, and more questions came to mind, the meeting became more lively. As the teachers began to think of things, like what about pollution and garbage in the ocean, the answers were there. But, the greatest reaction was reserved for near the end, when we examined the diet of the tiger shark, and lo and behold, one of the diet items was "homo sapiens"!!

Following the meeting three of the teachers volunteered to work further to develop ideas to use and make the GoMexSI database and webpage more student and teacher friendly. Due to scheduling constraints and delays, we were not able to get together again until July of 2017. The meeting consisted of two teachers, a representative from TSA, our webpage designer, and software developer was on by phone. There was some good discussions at the meeting, and some promises to get some students involved in the process, but nothing ever came of those ideas or promises.

Finally, in October of 2017, Dr. Simons, Leslie Peart and Jay Tarkington met at the TSA to hammer out the deliverables due from TSA and the Education/Outreach branch of the Center for Coastal Studies. The product from the TSA titled "What's For Dinner?" challenges students to diagram food webs from authentic dietary data collected by scientists at the Gulf of Mexico Species Interaction program (see Appendix 4). The product from the Aquatic Education Program of the Center for Coastal Studies titled "Guts Galore" students will attempt constructing a simple food chain/web from discarded by-catch from local bay shrimpers or fish carcasses collected from fish cleaning locations (see Appendix 5).

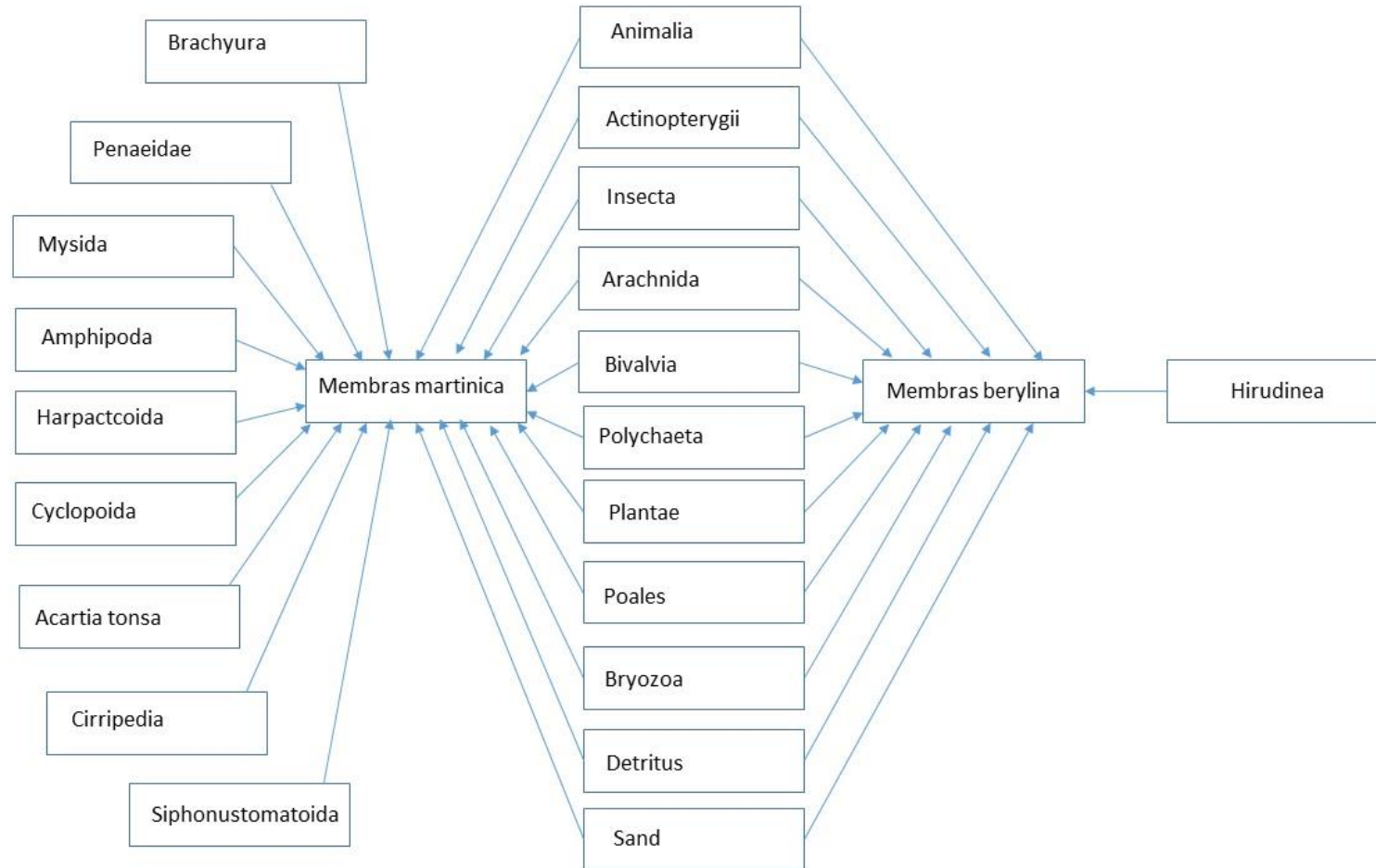
Another goal of the project was to begin to portray the food webs of Texas bays and estuaries using data that were actually collected in those bays. Originally it was planned to try to construct a simplified version of an Ecopath model so that students could "play" with the diet data and different fishing and environmental influences, but it was soon discovered that the amount of work involved was way beyond what we could hope to accomplish with the funding available.

We decided to attempt to use the data to draw or depict the food webs in a more simple fashion in the typical way that food webs are depicted in the literature. Upon beginning to examine the amount of data available it soon became evident that this was not going to be possible, unless an

automated procedure could be found. And, there are those procedures available but due to the steep learning curve and the short amount of time available, it appeared that this was not going to work either.

What we are providing is a drawing of the Sabine Lake data which only includes 2 predators that could be extracted from the database (see Figure 2). As it turns out there are some data that have been extracted and uploaded but are not yet available for download.

Figure 2. Network diagram for Sabine Lake. This includes two predators and the associated prey. The other bays with much larger numbers of predators and prey would be much more complex.



Enhancements to the GoMexSI webpage

As part of all the projects that we do where GoMexSI is involved we attempt to edit, update, and enhance the webpage. This is true of this project as well. Despite not having a webpage designer for nearly two years, we have recently made a little progress in this regard.

The most significant development is that we now have reciprocal linkages between the GoMexSI webpage and the Fishbase and SeaLifeBase websites. A user of GoMexSI, after initiating a query for information on the diet of a particular species, can, once the results are returned, hold the mouse over a species and a list of links will appear, two of which may be either Fishbase or SeaLifeBase, depending on whether it is a fish (Fishbase) or some other marine organism (SeaLifeBase). By clicking on the link, you will be directed to the homepage of the species in question. On the other hand, if you are doing research in Fishbase or SeaLifeBase, under **Internet sources** you can find a listing for **GoMexSI (interaction data)**. Clicking on this link will take you to the taxonomic query page and the results of a query for that particular species will be waiting for you.

We are currently editing some outdated pages, archiving old newspaper articles, and replacing them with newer content. In addition, upcoming events will be updated as well.

The csv download was significantly updated with a number of new parameters for the prey now included, such as the number, volume, and frequency of occurrence, and the percentages of each as well. Just recently, the data aggregation code was added as well, which indicates the nature of how data was aggregated within a single reference. For example, data may be, in a single paper, be aggregated by season, by size class, by location, or a combination of these and other variables.

Outline of manuscript for submission to peer reviewed literature

We plan to submit an article to a peer reviewed literature journal. The article will rely heavily on the work done on this project, but will also include data previously in GoMexSI, and the data currently being extracted by a student intern. The paper will focus on the diets and food webs of the Texas bays and estuaries. See Appendix 13 to view the outline of the paper.

Literature cited

Poelen, J.H., J.D. Simons, and C.J. Mungall. 2014. Global Biotic Interactions: An open infrastructure to share and analyze species-interaction datasets. *Ecological Informatics* 24:148-159. <http://dx.doi.org/10.1016/j.ecoinf.2014.08.005>

Simons, J.D. M. Yuan, C. Carollo, M. Vega-Cendejas, T. Shirley, M.L.D. Palomares, P. Roopnarine, L. Abarca Arenas, A. Ibañez, J. Holmes, C. Mazza, R. Hertog, and D. Reed. 2013. Building a fisheries trophic interaction database for management and modeling research in the Gulf of Mexico large marine ecosystem. *Bulletin of Marine Science* 89(1): 135-160. <http://dx.doi.org/10.5343/bms.2011.1130>

Appendices

Appendix 1

List of reference IDs, cited author and year, and the status of those references by Texas bay.

Table 1. List of reference IDs, cited author and year, and the status of those references by Texas bay. (a=reference already extracted and uploaded in GoMexSI at the inception of the CMP project. X=reference extracted and uploaded into GoMexSI as part of the CMP project, E=reference has been extracted as part of the CMP project but not yet edited and uploaded, N=reference needs to be extracted, edited and uploaded).

Reference number	Author/Year	Sabine Lake	Galveston Bay	Matagorda Bay	San Antonio Bay	Aransas Bay	Corpus Christi Bay	Upper Laguna Madre	Lower Laguna Madre
ACT_13A	Akin 2001			a					
ACT_15A	Alexander 1983		X						
ACT_14B	Baughman 1943		a						
ACT_15B	Baughman 1950		X						
ACT_24B	Benefield 1970		X						
ACT_47B	Breuer 1957							a	
ACT_48B	Breuer 1960								a
ACT_49B	Breuer 1962a								X
ACT_50B	Breuer 1962b								E
ACT_27C	Cate and Evans 1994		a				a	a	
ACT_37C	Childress 1960				a				
ACT_38C	Childress 1962				a				
ACT_67C	Czapla 1991		X						
ACT_11D	Davis 1975								X
ACT_12D	Day 1960			a					
ACT_20D	Diener et al 1974		a						
ACT_23D	Dineen and Darnell 1976				a				
ACT_25D	Dixon 1974		X						
ACT_4F	Felder and Chaney 1979								a
ACT_8F	Finucane et al 1990		X						X
ACT_33G	Gunter 1950					N			
ACT_16H	Hoese 1966					N			
ACT_18H	Hoese and Moore 1958					N			

ACT_20H	Holt and Holt 2000					N			
ACT_30H	Huh 1983					N			
ACT_2I	Inglis 1959		X						
ACT_5K	Kemp 1949					N			
ACT_6K	Kemp 1950					N			
ACT_10K	Knapp 1950		a			a	a		
ACT_15M	Martin 1970		X			X	X		
ACT_16M	Martin 1979							a	
ACT_17M	Martinez 1959							X	
ACT_25M	Matlock and Garcia 1983	a	a	a	a	a	a	a	a
ACT_33M	McFarland 1959						a		
ACT_46M	Miles 1949			a		a		a	
ACT_48M	Miles 1950			a				a	
ACT_53M	Minello et al 1989a			a					
ACT_52M	Minello et al 1989b		X						
ACT_57M	Moffett et al 1979		X						
ACT_63M	Moore 1974			X			X		
ACT_3N	Naughton and Saloman 1981		X						
ACT_4P	Pearson 1929					a	a	a	
ACT_15P	Perschbacher and Strawn 1986		X						
ACT_30P	Pullen 1962a		a						
ACT_31P	Pullen 1962b		X						
ACT_1R	Raney 1962								X
ACT_5R	Reid 1955		a						
ACT_6R	Reid 1956		X						
ACT_7R	Reid et al 1956		X						
ACT_11R	Robinson 1948		X						
ACT_21S	Scharf amnd Schlicht 2000		X						

ACT_26S	Seagle 1969a						a		
ACT_25S	Seagle 1969b						N		
ACT_85S	Shirley 1982								a
ACT_39S	Simmons 1950						N		
ACT_40S	Simmons 1951						N		
ACT_42S	Simmons and Breuer 1962							a	a
ACT_44S	Simpson and Gunter 1956	X	X	X	X		X	X	X
ACT_60S	Stickney and McGeachin 1978		X						
ACT_62S	Stokes 1977						N		
ACT_69S	Street et al 1997							a	
ACT_14V	Viosca 1959		X						
ACT_14W	Wilson 1948						N		
ART_4A	Alexander 1986		X						
ART_3D	Day 1959			X					
ART_9P	Powell and Gunter 1947						X		
ART_1T	Turner 1977		X						
AVE_4A	Allen 1954						X		
AVE_1B	Ballard et al 2004							X	X
AVE_2B	Ballard and Thompson 2000						X	X	X
AVE_7B	Blankinship 1976						E		
AVE_1C	Cornelius 1977								X
AVE_2C	Chavez-Ramirez 1996				E	E			
AVE_2G	Glazener 1946		X	X	X		X	X	X
AVE_3G	Guthery 1975			X			X		
AVE_4H	Holderby et al 2014							X	
AVE_6H	Hunt and Slack 1989						X		
AVE_1K	King 1989		X						
AVE_2K	Koenig 1980							X	

AVE_10K	King 1989		X						
AVE_1M	McMahan 1969							E	E
AVE_4M	Michot et al 2008							X	X
AVE_8M	Morrison et al 1977	X							
AVE_3S	Stutzenbaker and Beasom 1988		X	X	X		X	X	X
AVE_5S	Stevenson and Griffith 1946						E		
AVE_3T	Tietje and Teer 1996						X		
AVE_1W	Withers and Brooks 2004							E	E
AVE_3W	Woodin and Michot 2006							X	
AVE_5W	Westwood and Chavez-Ramirez 2005				X	X			
MAM_2B	Barros and Odell 1990	X	X	X					
MAM_1C	Cowan 2007		X						
MAM_1F	Fertl et al 1997								X
MAM_2G	Gunter 1942								X
MAM_5G	Gruber 1981			X					
MAM_2H	Hansen 1992		X	X			X	X	
MAM_1K	Kemp 1949						X	X	X
MAM_2M	Miller 1992			X					
MAM_1R	Raun et al 1970						X		
MAM_1W	Watts 2004			X					
MOL_2M	Moore 1907			X					
MOL_2O	Ogle 1976		X						
REP_1C	Cannon 1998	X							
REP_3C	Coyne 1994							X	X
REP_2P	Plotkin 1989						X	X	
REP_3P	Plotkin 1996						X		
REP_2S	Shaver 1991			X	X		X	X	X

REP_3S	Shaver 1998							X	X
Total CMP		4	30	13	6	9	13	18	20
Grand total		5	37	19	10	16	18	27	25
Percent CMP		0.80	0.81	0.68	0.60	0.56	0.72	0.67	0.80

Appendix 2

List of full citations to the references for data that is in the GoMexSI database including those references that were extracted as part of this CMP project.

Table 2. List of full citations to the references for data that is in the GoMexSI database including those references that were extracted as part of this CMP project. (ACT=Actinopterygii, ART=Arthropoda, AVE=Aves, MAM=Mammalia, MOL=Mollusca, REP=Reptilia).

Taxa	Ref ID	Reference citation
ACT	ACT_13A	Akin, S. 2001. Ecological dynamics of the aquatic community in a Texas coastal salt marsh. Ph.D. Dissertation. Texas A&M University, College Station, TX. 222p.
ACT	ACT_15A	Alexander, S.K. 1983. Summer diet of finfish from nearshore habitats of West Bay, Texas. <i>Tex. J. Sci.</i> 35(1): 93-95.
ACT	ACT_14B	Baughman, J.L. 1943. The lutjanid fishes of Texas. <i>Copeia</i> , 1943 No. 4: 212-215.
ACT	ACT_15B	Baughman, J.L. 1950. Random notes on Texas fishes. Part I. <i>Tex. J. Sci.</i> 2(2): 242-263.
ACT	ACT_24B	Benefield, R.L. 1970. A study of sand seatrout (<i>Cynoscion arenarius</i> Ginsburg) of the Galveston Bay area. <i>Coastal Fish. Proj. Rept.</i> , Texas Parks and Wildl. Dept. 1969-70: 217-226.
ACT	ACT_47B	Breuer, J.P. 1957. Ecological survey of Baffin and Alazan Bays, Texas. <i>Publ. Inst. Mar. Sci. Univ. Texas</i> 4(2): 134-155.
ACT	ACT_48B	Breuer, J.P. 1960. Life history studies of the important sports and commercial fish of the Lower Laguna Madre. Project Name; Biological Survey of the Waters of the Laguna Madre of Cameron and Willacy Counties and Adjacent Waters. Project No. M-9-R-2. Project Reports 1959-1960, Marine Fisheries Division, Texas Game and Fish Commission, Rockport, TX. 5p.
ACT	ACT_49B	Breuer, J.P. 1962a. An ecological survey of the Lower Laguna Madre of Texas, 1953-1959. <i>Contr. Mar. Sci.</i> 8: 153-183.
ACT	ACT_50B	Breuer, J.P. 1962b. Life history studies of the important sports, commercial, and bait fishes of the Lower Laguna Madre. Project Name: Biological Survey of the Waters of the Laguna Madre of Cameron, Willacy, and the Southern Half of Kenedy Counties and Adjacent Waters. Project No. M-9-R-3. Marine Fisheries Project Reports, Texas Game and Fish Commission Marine Laboratory, Rockport, TX. 6p.
ACT	ACT_27C	Cate, A.S. and I. Evans. 1994. Taphonomic significance of the biomechanical fragmentation of live molluscan shell material by a bottom-feeding fish (<i>Pogonias cromis</i>) in Texas coastal bays. <i>Palaios</i> 9: 254-274.
ACT	ACT_37C	Childress, U.R. 1960. Analysis of forage and predator species. Project Name: Oyster and Fisheries Investigations of Area M-5. Project No. M-5-R-1. Project Reports 1959-1960, Marine Fisheries Division, Texas Game and Fish Commission, Rockport, TX. 11p.
ACT	ACT_38C	Childress, U.R. 1962. Analysis of forage and predator species relationships. Oyster and Fisheries Investigations of Area M-5. Project M-5-R-2, Texas Game and Fish Commission Marine Laboratory, Rockport, TX. 8p.
ACT	ACT_67C	Czapla, T.E. 1991. Diets and prey selection of pinfish and southern flounder in a <i>Halodule wrightii</i> seagrass meadow. Ph.D. Dissertation. Texas A&M University, College Station, TX. 93p.
ACT	ACT_11D	Davis, J.K. 1975. Factors influencing the presence of red snapper (<i>Lutjanus campechanus</i> Poey) on Seven and One-Half Reef. M.S. Thesis. Texas A&I University, Kingsville, TX. 124p.
ACT	ACT_12D	Day, D.S. 1960. Inventory of vertebrate forms present and relative abundance. Project Name: General Ecological Survey of Area M-4. Project No. M-4-B-2. Project Reports 1959-1960, Marine Fisheries Division, Texas Game and Fish Commission, Rockport, TX. 5p.

ACT	ACT_20D	Diener, R.A. A. Inglis and G.B. Adams. 1974. Stomach contents of fishes from Clear Lake and tributary waters, a Texas estuarine area. <i>Contrib. Mar. Sci.</i> 18: 7-18.
ACT	ACT_23D	Dineen, C.F. and R.M. Darnell. 1976. The effects of dredging on food habits of fishes of San Antonio Bay. In: Bouma, A.H. (ed.) <i>Shell dredging and its influence on Gulf coast environments</i> . Gulf Publishing Co. Houston, Texas. pp. 345-355.
ACT	ACT_25D	Dixon, C.A. 1974. A study of two species of silverside, <i>Menidia beryllina</i> (Cope) and <i>Membras martinica</i> (Valenciennes), in upper Galveston Bay, Texas. M.S. Thesis. Texas A&M University, College Station, Texas. 52p.
ACT	ACT_4F	Felder, D.L. and A.H. Chaney. 1979. Decapod crustacean fauna of seven and one-half fathom reef, Texas: species composition, abundance, and species diversity. <i>Contrib. Mar. Sci.</i> 22: 1-29.
ACT	ACT_8F	Finucane, J.H., C.B. Grimes and S.P. Naughton. 1990. Diets of young king and Spanish mackerel off the southeastern United States. <i>N.E. Gulf Sci.</i> 11(2): 145-153.
ACT	ACT_33G	Gunter, G. 1950. Distribution and abundance of fishes on the Aransas National Wildlife Refuge, with life history notes. <i>Publ. Inst. Mar. Sci., Univ. Texas</i> 1(2): 89-101.
ACT	ACT_16H	Hoese, H.D. 1966. Ectoparasitism by juvenile sea catfish, <i>Galeichthys felis</i> . <i>Copeia</i> 4: 880-881.
ACT	ACT_18H	Hoese, H.D. and R.B. Moore. 1958. Notes on the life history of the bonnetnose shark, <i>Sphyrna tiburo</i> . <i>Tex. J. Sci.</i> 10(1): 69-72.
ACT	ACT_20H	Holt, G.J. And S.A. Holt. 2000. Vertical distribution and the role of physical processes in the feeding dynamics of two larval sciaenids <i>Sciaenops ocellatus</i> and <i>Cynoscion nebulosus</i> . <i>Mar. ecol. Prog. Ser.</i> 193: 181-190.
ACT	ACT_30H	Huh, S-H. 1983. Seasonal variations and trophic relationships among concentrated populations of small fishes in seagrass meadows. Ph.D. Dissertation. University of Texas at Austin, Austin, TX. 103p.
ACT	ACT_2I	Inglis, A. 1959. Predation on shrimp. Galveston Biological Laboratory, Fishery Research. Bureau of Commercial Fisheries Circular 62: 50-53.
ACT	ACT_5K	Kemp, R.J. 1949. Report on stomach analysis from June 1, 1949 through August 31, 1949. <i>Tex. Game, Fish, Oyst. Comm. Mar. Lab. Ann. Rep. 1948-1949</i> : 100-127.
ACT	ACT_6K	Kemp, R.J. 1950. A comparative study of brackish water fishes. M.A. Thesis. University of Texas, Austin, TX. 45p.
ACT	ACT_10K	Knapp, F.T. 1948. A partial analysis of the Texas menhaden problem with notes on the food of more important fishes of the Texas gulf coast. <i>Texas Game, Fish and Oyster Comm. Annual Rep. 1947-48</i> . pp 42-60. (mimeographed).
ACT	ACT_15M	Martin, D.F. 1970. Feeding habits of <i>Cyprinodon variegatus</i> (Cyprinodontidae) from the Texas coast. <i>Southwestern Nat.</i> 14: 368-369.
ACT	ACT_16M	Martin, J.H. 1979. A study of the feeding habits of the black drum (<i>Pogonias cromis</i> Linnaeus) in Alazan Bay and the Laguna Salada, Texas. M.S. Thesis. Texas A&I University, Kingsville, TX. 105p.
ACT	ACT_17M	Martinez, R. 1959. Analysis of forage and predator species relationship. Project Name: Biological Survey of Upper Laguna Madre, Baffin Bay and Proposed Pass Area. Project No. M-8-R-1. Project Reports 1958-1959, Marine Fisheries Division, Texas Game and Fish Commission, Rockport, TX. 2p.
ACT	ACT_25M	Matlock, G.C. and M.A. Garcia. 1983. Stomach contents of selected fishes from Texas bays. <i>Contr. Mar. Sci.</i> 26: 95-110.
ACT	ACT_33M	McFarland, W. 1959. Distribution and infestation of the parasite <i>Poecilancistrum robustum</i> in some Texas coast fishes. Project Name: Project No. Project Reports 1958-1959, Marine Fisheries Division, Texas Game and Fish Commission, Rockport, TX. 11p.

ACT	ACT_46M	Miles, D.W. 1949b. A study of the food habits of the fishes of the Aransas Bay area. M.S. Thesis, Univ. Houston. 70p.
ACT	ACT_48M	Miles D.W. 1950. The life histories of the seatrout, <i>Cynoscion nebulosus</i> , and the redfish, <i>Sciaenops ocellatus</i> . Texas Game Fish Oyster Comm. Marine Lab., Annu. Rep. 1949-50 (mimeo).
ACT	ACT_53M	Minello, T.J., R.J. Zimmerman and T.E. Czapla. 1989a. Habitat related differences in diets of small fishes in Lavaca Bay, Texas, 1985-1986. NOAA Technical Memorandum, SEFC-NMFS-236.
ACT	ACT_52M	Minello, T.J., R.J. Zimmerman and E.X. Martinez. 1989b. Mortality of young brown shrimp, <i>Penaeus aztecus</i> , in estuarine nurseries. Trans. Amer. Fish. Soc. 118: 693-708.
ACT	ACT_57M	Moffett, A.W., L.W. McEachron and J.G. Key. 1979. Observations on the biology of the sand seatrout (<i>Cynoscion arenarius</i>) in Galveston and Trinity Bays, Texas. Contrb. Mar Sci. 22: 163-172.
ACT	ACT_63M	Moore, R.H. 1974. General ecology, distribution and relative abundance of <i>Mugil cephalus</i> and <i>Mugil curema</i> on the south Texas coast. Contr. Mar. Sci. 18: 241-255.
ACT	ACT_3N	Naughton, S.P. and C.H. Saloman. 1981. Stomach contents of juveniles of king mackerel (<i>Scomberomorus cavalla</i>) and Spanish mackerel (<i>S. maculatus</i>). Northeast Gulf Sci. 5(1): 71-74.
ACT	ACT_4P	Pearson, J.C. 1929. Natural history and conservation of the redfish and other commercial sciaenids on the Texas coast. Bull. U.S. Bur. Fish. 44(1928): 129-214.
ACT	ACT_15P	Perschbacher, P.W. and K. Strawn. 1986. Feeding selectivity and standing stocks of <i>Fundulus grandis</i> in an artificial brackish water pond, with comments on <i>Cyprinodon variegatus</i> . Contrib. Mar. Sci. 29: 103-111.
ACT	ACT_30P	Pullen, E.J. 1962a. A study of the fishes of upper Galveston Bay. Project Name: An Ecological Survey of Area M-2. Project No. M-2-R-3, Marine Fisheries Project Reports, Texas Game and Fish Commission Marine Laboratory, Rockport, TX. 28p.
ACT	ACT_31P	Pullen, E.J. 1962b. A study of the marsh and marine plants in upper Galveston and Trinity Bays. Project Name: An Ecological Survey of Upper Galveston and Trinity Bays. Project No. M-2-R-3. Marine Fisheries Project Reports, Texas Game and Fish Commission Marine Laboratory, Rockport, TX. 6p.
ACT	ACT_1R	Raney, E.C. 1942. Alligator gar feeds upon birds in Texas. Copeia 1941(1): 50.
ACT	ACT_5R	Reid, G.K., Jr. 1955b. A summer study of the biology and ecology of East Bay, Texas. Part II. The fish fauna of East Bay, the Gulf, beach and summary. Tex. Jour. Sci. 7(4): 430-453.
ACT	ACT_6R	Reid, G.K., Jr. 1956. Ecological investigation in a disturbed Texas coastal estuary. Tex. J. Sci. 8(3): 296-327.
ACT	ACT_7R	Reid, G.K., Jr., A. Inglis and H.D. Hoese. 1956. Summer foods of some fish species in East Bay, Texas. Southwestern Nat. 1(3): 100-104.
ACT	ACT_11R	Robinson, L.N. 1948. Report on the menhaden investigation. Texas Game, Fish and Oyster Comm. Marine Lab. Annual Rep., Fiscal year 1947-48. pp 37-39. (mimeographed).
ACT	ACT_21S	Scharf, F.S. and K.K. Schlicht. 2000. Feeding habits of red drum (<i>Sciaenops ocellatus</i>) in Galveston Bay, Texas: Seasonal diet variation and predator-prey size relationships. Estuaries 23(1): 128-139.
ACT	ACT_26S	Seagle, J.H. 1969a. Food habits of spotted seatrout (<i>Cynoscion nebulosus</i> , Cuvier) frequenting turtle grass (<i>Thalassia testudinum</i> , Konig) beds in Redfish Bay, Texas. TALUS 2(1): 58-63.

ACT	ACT_25S	Seagle, J.H. 1969b. Predator-prey relationships in turtle grass (<i>Thalassia testudinum</i> Konig) beds in Redfish Bay, Texas. M.S. Thesis, Texas A&I Univ., Kingsville, Texas. 117p.
ACT	ACT_85S	Shirley, T.C. 1982. The importance of echinoderms in the diet of fishes of a sublittoral rock reef, pp 49-55. In: Chapman, B.R. and J.W. Tunnell (eds). South Texas Fauna. Cesar Kleberg Wildlife Research Institute
ACT	ACT_39S	Simmons, E.G. 1950. Fish trap investigation. Texas Game Fish Oyst. Comm. Mar. Lab., Annu. Rep. 1949-50 (mimeographed).
ACT	ACT_40S	Simmons, E.G. 1951a. Fish trap investigation. Texas Game and fish Commission Marine Laboratory Annual Report, 1950-51. pp1-15. (mimeographed).
ACT	ACT_42S	Simmons, E.G. and J.P. Breuer. 1962. A study of redfish, <i>Sciaenops ocellata</i> Linnaeus and black drum, <i>Pogonias cromis</i> Linnaeus. Contr. Mar. Sci. 8: 184-211.
ACT	ACT_44S	Simpson, D.G. and G. Gunter. 1956. Notes on habitats, systematic characters and life histories of Texas salt water Cyprinodontes. Tulane Stud. Zool. 4(4): 115-134.
ACT	ACT_60S	Stickney, R.R. and R.B. McGeachin. 1978. Food habits of fishes associated with marshland developed on dredged material. Proc. Ann. Conf. S.E. Assoc. Fish and Wildl. Agencies 32: 547-560.
ACT	ACT_62S	Stokes, G.M. 1977. Life history of southern flounder (<i>Paralichthys lethostigma</i>) and gulf flounder (<i>P. albigutta</i>) in the Aransas Bay area of Texas. Texas Parks and Wildl. Dept., Tech. Ser. #25. 1977. 37p.
ACT	ACT_69S	Street, G.T., P.A. Montagna and P.L. Parker. 1997. Incorporation of brown tide into an estuarine food web. Mar. Ecol. Prog. Ser. 152: 67-78.
ACT	ACT_14V	Viosca, P., Jr. 1959. Kingfish blonde and brunette. Louisiana Conservationist May-June (8-9); 20.
ACT	ACT_14W	Wilson, W.B. 1948. Stomach analysis of speckled trout and redfish. Annual Report of the Game, Fish and Oyster Commission, 1946-47 and 1947-48. Rockport, TX. Pp 40-41.
ART	ART_4A	Alexander, S. K. 1986. Diet of the blue crab, <i>Callinectes sapidus</i> , from nearshore habitats of Galveston Island, Texas, USA. Texas Journal of Science, 38(1), p. 85-90.
ART	ART_3D	Day, D. S. 1959. Study of the Diet of the Brown Shrimp. Texas Game and Fish Commission. Marine Fisheries Division. Progress Report for 1958-1959. 2p.
ART	ART_9P	Powell Jr, E. H., & Gunter, G. 1968. Observations on the stone crab, <i>Menippe mercenaria</i> Say, in the vicinity of Port Aransas, Texas. Gulf Res. Rep, 2(3), 285-299.
ART	ART_1T	Turner, J. T. 1977. Trophodynamic studies of four Gulf of Mexico copepods and their fecal pellets. PhD dissertation, Texas A & M University. College Station, Texas. 124 p.
AVE	AVE_4A	Allen, R. P. 1954. Additional data on the food of the whooping crane. The Auk, 198-198.
AVE	AVE_1B	Ballard, B. M., Thompson, J. E., Petrie, M. J., Chekett, M., & Hewitt, D. G. 2004. Diet and nutrition of northern pintails wintering along the southern coast of Texas. Journal of Wildlife Management, 68(2), 371-382.
AVE	AVE_2B	Ballard, B. M., & Thompson, J. E. 2000. Winter diets of Sandhill Cranes from central and coastal Texas. The Wilson Bulletin, 112(2), 263-268.

AVE	AVE_7B	Blankinship, D. R. 1976. Studies of Whooping Cranes on the wintering grounds. In Proc. International Crane Workshop, Oklahoma State Univ. Press, Stillwater. pp. 197-206.
AVE	AVE_1C	Cornelius, S. E. 1977. Food and resource utilization by wintering redheads on lower Laguna Madre. <i>The Journal of Wildlife Management</i> , Jul 1:374-85.
AVE	AVE_2C	Chavez-Ramirez, F. 1996. Food availability, foraging ecology, and energetics of Whooping Cranes wintering in Texas (Doctoral dissertation, Texas A&M University). 210 p.
AVE	AVE_2G	Glazener, W. C. 1946. Food habits of wild geese on the Gulf Coast of Texas. <i>The Journal of Wildlife Management</i> , Oct 1:322-9.
AVE	AVE_3G	Guthery, F. S. 1975. Food habits of sandhill cranes in southern Texas. <i>The Journal of Wildlife Management</i> , Jan 1:221-3.
AVE	AVE_4H	Holderby, Z., Hill, A., Palacios, E., Green, M. C., Amador, E., & Dios, C. D. 2014. Comparisons of Reddish Egret (<i>Egretta rufescens</i>) Diet During the Breeding Season Across its Geographic Range. <i>Waterbirds</i> , 37(2), 136-143.
AVE	AVE_6H	Hunt, H. E., & Slack, R. D. 1989. Winter diets of whooping and sandhill cranes in South Texas. <i>The Journal of Wildlife Management</i> , Oct 1:1150-4.
AVE	AVE_1K	King, K. A. 1989a. Food habits and organochlorine contaminants in the diet of olivaceous cormorants in Galveston Bay, Texas. <i>The Southwestern Naturalist</i> , Sep 1:338-43.
AVE	AVE_2K	Koenig, R. L. 1980. A comparison of the winter food habits of three species of waterfowl from the upper Laguna Madre of Texas. PhD dissertation, Texas A & I University, Kingsville, Texas. 59p.
AVE	AVE_10K	King, K. A. 1989b. Food habits and organochlorine contaminants in the diet of black skimmers, Galveston Bay, Texas, USA. <i>Colonial Waterbirds</i> , Jan 1:109-12.
AVE	AVE_1M	McMahan, C. A. 1969. Food habits of ducks wintering on Laguna Madre, Texas. Master's thesis. New Mexico State University, Las Cruces, New Mexico. 36 p.
AVE	AVE_4M	Michot, T. C., Woodin, M. C., & Nault, A. J. 2008. Food habits of redheads (<i>Aythya americana</i>) wintering in seagrass beds of coastal Louisiana and Texas, USA. <i>Acta Zoologica Academiae Scientiarum Hungaricae</i> , 54(suppl 1), 239-250.
AVE	AVE_8M	Morrison, M. L., Shanley Jr, E., & Slack, R. D. 1977. The food of nestling Olivaceous cormorants. <i>The Southwestern Naturalist</i> , 321-326.
AVE	AVE_3S	Stutzenbaker, Charles D., and S. L. Beasom. 1988. <i>The Mottled Duck: Its Life History, Ecology, and Management</i> . Austin, TX: Texas Parks and Wildlife Dept., Print.
AVE	AVE_5S	Stevenson, J. O., & Griffith, R. E. 1946. Winter life of the Whooping Crane. <i>The Condor</i> , 48(4), 160-178.
AVE	AVE_3T	Tietje, W. D., & Teer, J. G. 1996. Winter feeding ecology of northern shovelers on freshwater and saline wetlands in south Texas. <i>The Journal of wildlife management</i> , Oct 1:843-55.
AVE	AVE_1W	Withers, K., & Brooks, T. S. 2004. Diet of double-crested cormorants (<i>Phalacrocorax auritus</i>) wintering on the central Texas coast. <i>The Southwestern Naturalist</i> , 49(1), 48-53.
AVE	AVE_3W	Woodin, M. C., & Michot, T. C. 2006. Foraging behavior of redheads (<i>Aythya americana</i>) wintering in Texas and Louisiana. In <i>Limnology and Aquatic Birds</i> , A.R. Hanson and J.J. Kerekes eds. Springer Netherlands. pp. 129-141.
AVE	AVE_5W	Westwood, C. M., & Chavez-Ramirez, Felipe. 2005. Patterns of food use of wintering Whooping Cranes on the Texas coast. <i>North American Crane Workshop Proceedings</i> . pp. 133-140

MAM	MAM_2B	Barros, N. B., & Odell, D. K. 1990. Food habits of bottlenose dolphins in the southeastern United States. In <i>The bottlenose dolphin</i> , Leatherwood, S. and R. R. Reeves eds. 309-328. Elsevier Science. 653 p. Print.
MAM	MAM_1C	Cowan, Daniel F. 2007. "Pathologist's Report - GA1443." Texas Marine Mammal Stranding Network (Fall 2007): 6. Print.
MAM	MAM_1F	Fertl, D., Schiro, A. J., Collier, S., & Worthy, G. A. J. 1997. Stranding of a Cuvier's beaked whale (<i>Ziphius cavirostris</i>) in southern Texas, with comments on stomach contents. <i>Gulf of Mexico Science</i> , 15(2), 92-93.
MAM	MAM_2G	Gunter, G. 1942. Contributions to the natural history of the bottlenose dolphin, <i>Tursiops truncatus</i> (Montague), on the Texas coast, with particular reference to food habits. <i>Journal of Mammalogy</i> , 23(3), 267-276.
MAM	MAM_5G	Gruber, J. A. 1981. Ecology of the Atlantic bottlenosed dolphin (<i>Tursiops truncatus</i>) in the Pass Cavallo area of Matagorda Bay, Texas. M. Sc. Thesis. Texas A&M University, College Station, Texas.
MAM	MAM_2H	Hansen L.J. 1992. Food Habits. Pp. 41-46 in Report on Investigaton of 1990 Gulf of Mexico Bottlenose Dolphin Stranding (L. J. Hansen, coordinator) National Marine Fisheries Service, Southeast Fisheries Science Center, Miami, Florida, MIA-92/93-21:1-219.
MAM	MAM_1K	Kemp, R. J. 1949. Report on stomach analysis from June 1, 1949 through August 31, 1949. Texas Coastal and Marine Council.
MAM	MAM_2M	Miller, W. G. 1992. An investigation of bottlenose dolphin <i>Tursiops truncatus</i> deaths in East Matagorda Bay, Texas, January 1990. <i>Fishery Bulletin</i> , 90(4), 791-797.
MAM	MAM_1R	Raun, G. G., Hoese, H. D., & Moseley, F. 1970. Pygmy sperm whales, genus <i>Kogia</i> , on the Texas coast. <i>The Texas Journal of Science</i> , 21(3), 269-274.
MAM	MAM_1W	Watts, Heidi. 2004. "Unusual Species Found This Quarter - PO431." Texas Marine Mammal Stranding Network (Summer 2004): 9. Print.
MOL	MOL_2M	Moore, H. F. 1907. Survey of oyster bottoms in Matagorda Bay, Texas (No. 610). United States. Bureau of Fisheries.
MOL	MOL_2O	Ogle, J. S. 1976. The occurrence of the date mussel, <i>Lithophaga bisulcata</i> (Mytilidae) in living oysters off Galveston, Texas. <i>Nautilus</i> 90:74-76.
REP	REP_1C	Cannon, A. C. 1998. Gross necropsy results of sea turtles stranded on the upper Texas and western Louisiana coasts, 1 January-31 December 1994. NOAA Technical Report NMFS, 143, 81-85.
REP	REP_3C	Coyne, M. S. 1994. Feeding ecology of subadult green sea turtles in south Texas waters. PhD dissertation, Texas A&M University, College Station, Texas.
REP	REP_2P	Plotkin, P. T. 1989. The feeding ecology of the loggerhead sea turtle in the northwestern Gulf of Mexico (Master's thesis, Texas A&M University).
REP	REP_3P	Plotkin, P. T. 1996. Occurrence and diet of juvenile loggerhead sea turtles, <i>Caretta caretta</i> , in the northwestern Gulf of Mexico. <i>Chelonian Conservation and Biology</i> , 2, 78-79.
REP	REP_2S	Shaver, D. J. 1991. Feeding ecology of wild and head-started Kemp's ridley sea turtles in south Texas waters. <i>Journal of Herpetology</i> , 327-334.
REP	REP_3S	Shaver, D. J. 1998. Sea turtle strandings along the Texas coast, 1980-94. Characteristics and causes of Texas marine strandings. NOAA Technical Report NMFS, 143, 57-72.

Appendix 3

Lines of data extracted from each of the listed references for the CMP project.

Table 3A. Lines of data extracted from each of the listed references indicated as extracted for the CMP project.

Taxa	Reference number	Author/Year	Lines of data
ACT	ACT_15A	Alexander 1983	38
ACT	ACT_15B	Baughman 1950	2
ACT	ACT_24B	Benefield 1970	6
ACT	ACT_47B	Breuer 1957	15
ACT	ACT_49B	Breuer 1962a	15
ACT	ACT_50B	Breuer 1962b	10
ACT	ACT_27C	Cate and Evans 1994	129
ACT	ACT_67C	Czapla 1991	126
ACT	ACT_25D	Dixon 1974	1016
ACT	ACT_8F	Finucane et al 1990	30
ACT	ACT_2I	Inglis 1959	15
ACT	ACT_15M	Martin 1970	59
ACT	ACT_52M	Minello et al 1989b	136
ACT	ACT_57M	Moffett et al 1979	71
ACT	ACT_63M	Moore 1974	10
ACT	ACT_3N	Naughton and Saloman 1981	23
ACT	ACT_15P	Perschbacher and Strawn 1986	9
ACT	ACT_30P	Pullen 1962a	4
ACT	ACT_31P	Pullen 1962b	4
ACT	ACT_1R	Raney 1962	2
ACT	ACT_6R	Reid 1956	4
ACT	ACT_7R	Reid et al 1956	58
ACT	ACT_11R	Robinson 1948	17
ACT	ACT_21S	Scharf and Schlicht 2000	50
ACT	ACT_44S	Simpson and Gunter 1956	15
ACT	ACT_60S	Stickney and McGeachin 1978	250
ART	ART_4A	Alexander 1986	22

ART	ART_3D	Day 1959	3
ART	ART_9P	Powell and Gunter 1947	10
ART	ART_1T	Turner 1977	28
AVE	AVE_4A	Allen 1954	8
AVE	AVE_1B	Ballard et al 2004	103
AVE	AVE_2B	Ballard and Thompson 2000	46
AVE	AVE_7B	Blankinship 1976	14
AVE	AVE_1C	Cornelius 1977	12
AVE	AVE_2C	Chavez-Ramirez 1996	34
AVE	AVE_2G	Glazener 1946	101
AVE	AVE_3G	Guthery 1975	15
AVE	AVE_4H	Holderby et al 2014	68
AVE	AVE_6H	Hunt and Slack 1989	69
AVE	AVE_1K	King 1989	23
AVE	AVE_2K	Koenig 1980	259
AVE	AVE_10K	King 1989	22
AVE	AVE_1M	McMahan 1969	40
AVE	AVE_4M	Michot et al 2008	80
AVE	AVE_8M	Morrison et al 1977	16
AVE	AVE_3S	Stutzenbaker and Beasom 1988	74
AVE	AVE_5S	Stevenson and Griffith 1946	26
AVE	AVE_3T	Tietje and Teer 1996	188
AVE	AVE_1W	Withers and Brooks 2004	131
AVE	AVE_3W	Woodin and Michot 2006	3
AVE	AVE_5W	Westwood and Chavez-Ramirez 2005	98
MAM	MAM_2B	Barros and Odell 1990	378
MAM	MAM_1C	Cowan 2007	2
MAM	MAM_1F	Fertl et al 1997	7
MAM	MAM_2G	Gunter 1942	27
MAM	MAM_5G	Gruber 1981	5
MAM	MAM_2H	Hansen 1992	129

MAM	MAM_1K	Kemp 1949	17
MAM	MAM_2M	Miller 1992	6
MAM	MAM_1R	Raun et al 1970	7
MAM	MAM_1W	Watts 2004	2
MOL	MOL_2M	Moore 1907	70
MOL	MOL_2O	Ogle 1976	8
REP	REP_1C	Cannon 1998	27
REP	REP_3C	Coyne 1994	316
REP	REP_2P	Plotkin 1989	750
REP	REP_3P	Plotkin 1996	3
REP	REP_2S	Shaver 1991	195
REP	REP_3S	Shaver 1998	14
Total			5570

Appendix 4

What's for Dinner, or who eats whom in the Gulf of Mexico? See attached PDF file: Appendix 4 – What's for Dinner?



What's for Dinner, or who eats whom in the Gulf of Mexico?

Teacher's Guide

Audience: High school biology or aquatic science students

Duration: One class period, or more with extensions

STEM Process Skills: interpreting, comparing, and contrasting data

Learning Objectives/Goals:

Students will be able to search authentic dietary data for local fish species, construct a food web for one or more species, and contrast data by location of the species.

TEKS: *Biology science concept 12B,* Analyze the flow of matter and energy through tropic levels using various models, including food chains, food webs, and ecological pyramids.

Aquatic Science concept 11, The student knows about the interdependence and interactions that occur in aquatic environments.

Ocean Literacy Principles: 5D & 6B

Required Knowledge/Vocabulary:

Food webs, predator, and prey; scientific naming, marine taxa, local fish and marine animal knowledge may also be helpful

Set Up/Break Down: Set up a GoMexSI website account at <http://gomexsi.tamucc.edu/>. Gain access for student computers and make sure to clear firewall hurdles and practice queries beforehand.

Description: "What's For Dinner?" challenges students to diagram food webs from authentic dietary data collected by scientists at the Gulf of Mexico Species Interaction program. Yes, they really looked inside fish guts!

Materials: Paper or poster board, pencils, pens, or markers; internet access and computers or tablets; Gulf of Mexico charts (if available), and Gulf of Mexico fish guides

Procedure: First, have students conduct a Taxonomic Query for a predator species of interest to them, or provide a list of animals relevant to your location.

If using a common name, a list of scientific names will appear. Select the first name on the list, then click "All Interaction Types" to find the five most common predators and prey of that species.

These data can then be used to construct a simple diet matrix, or diagram of the food web, which can be checked by conducting the same query in Exploration Mode.

For interesting discussions, try queries for the tiger shark, green and loggerhead sea turtles, blue crab, or bottlenose dolphin.

Extensions: Time allowing, students can do sequential queries for the predators and prey of their selected species to expand the diet matrix or food web diagram with additional detail.

Or, after selecting a species of interest, have individual students or small groups select three different bays (e.g. from the northern, central, and southern parts of Texas, then conduct Spatial Queries for each bay by manipulating the yellow box to include just one bay at a time. This is easier to do when in full screen.

Once a single bay is highlighted in yellow, exit full screen to enter a common or species name in the box provided. Again, if using a common name, a list of scientific names will appear. Select the first name on the list. Have students list and compare the top five diet items for their species from each of the bays. This should lead to a lively discussion of possible reasons for differences in diet.

Students may also conduct queries and diagram food webs for fishes, shrimp, crabs, or endangered species protected by law, or different classes (birds, mammals or reptiles).

NOTE: A SINGLE CLICK ON ANY SPECIES NAME WILL PULL UP A MENU OF ADDITIONAL RESOURCES.



Background: Fish diets, gut contents, food webs, and GoMexSI

By Dr. James Simons

What fishes eat has been of interest to humans, at least as long as they have been attaching bait to the end of a hook. So how do they know what the fish is eating? Well, through observation of the fish, and by examining what is in their stomachs and intestines (gut contents), we now have a large knowledge of the diets of fishes. I know of a local fishing guide who makes it a practice to examine the stomachs of many of the fishes that he catches. Scientists and fishery managers are also interested in the diets of fishes. Many studies on the diets of fishes have been published in the scientific literature, and many of these data are used by fisheries modelers to inform fishery managers about the effects of different actions on fish populations.

Gut content analysis is performed by graduate students, technicians, government scientists, and others to help us to understand what the fishes are eating and how they fit into the overall ecosystem food web. The fish are collected in numerous ways – rod and reel, gill netting, trawling, electrofishing, and many others. As soon as possible after being caught, the fish are preserved in some manner – either put on ice, frozen, or preserved in formalin. The fish are identified to species either in the field or back at the lab. The gut content analysis process begins with the scientist removing the stomach (and intestines sometimes) from the fish.

Then she will use a scalpel or scissors to carefully open the stomach to reveal the contents. The scientist will then sort the items into groups of common items – i.e. fishes, crustaceans, worms, crabs, amphipods, etc. Care is taken to identify all items to the lowest possible taxon, and all of this information is carefully recorded on datasheets. For items the scientist cannot identify, she seeks an expert on that taxa for further help. Recently, we and other scientists have begun using DNA to identify tissues that are too degraded to identify otherwise. Finally, after months, and sometimes years of work, all of the data are assembled into a database and the interrelationships among the fishes can be pictured as a food web. These data can then be assembled with other datasets to construct larger food webs as is now possible with data from the GoMexSI database.

The Gulf of Mexico Species Interaction Database is endeavoring to locate, obtain, and extract diet data from published and unpublished sources for fishes of the Gulf of Mexico and enter these data in the GoMexSI database. These data come from a wide variety of reference material including theses and dissertations, peer review literature, government reports, conference proceedings and others. These data, which are collected as described above, are then entered into the GoMexSI database, where they can be searched and downloaded from the webpage. To date we have had teachers and students, fishing industry reps, and fishery scientists using the data, and probably others that we do not know of.



This activity was developed in partial fulfillment of a grant from the Texas General Land Office Coastal Management Plan to the Gulf of Mexico Species Interaction project.

Texas State Aquarium: www.texasstateaquarium.org, GoMexSI <http://gomexsi.tamucc.edu/>

What's for Dinner?

Student Guide



After reading, "Fish diets, gut contents, food webs, and GoMexSI," by Dr. James Simons, head to the GoMexSI website and conduct a Taxonomic Query for a Gulf of Mexico predator of interest to you. You teacher may share some ideas, or try a fish you like to catch or eat, like red snapper, red or black drum, or mahimahi.

If entering a common name, a list of scientific names will appear. Select the first name on the list, then click, "All Interaction Types," to find the five most common predators and prey for your species. Use these data to construct a simple diet matrix, or diagram of the food web in the space below. Then use the Exploration Mode to check your work. NOTE: A SINGLE CLICK ON ANY SPECIES NAME WILL PULL UP A MENU OF RESOURCES FOR FURTHER INFORMATION.

Got more time?

Try expanding the diet matrix or food web diagram by adding detail with sequential queries for your species' predators and prey. Diagram these on the back of this paper.

Or, get a closer look at your species by selecting three different bays (e.g. from the northern, central, and southern parts of Texas), then conduct Spatial Queries for each bay by manipulating the yellow box to include just one bay at a time. This is easier to do when in full screen, and faster if working with a couple of friends.

Once a single bay is highlighted in yellow, exit full screen to enter a common or species name in the box provided. Again, if using a common name, a list of scientific names will appear. Select the first name on the list, then make a chart and compare the top five diet items for your species from each of the bays.

Really wild stuff: Most GoMexSI queries are pretty interesting, but past users recommend the tiger shark, green and loggerhead sea turtles, blue crab, or bottlenose dolphin. You might also try queries for fishes, shrimp, crabs, or endangered species protected by law, or even different classes (birds, mammals, or reptiles).



Appendix 5

Guts Galore!!!

Designed and implemented by the Aquatic Education Program at the Center for Coastal Studies-Texas
A&M-Corpus Christi.

Guts Galore!!

Academic Question:

Where do various predator/prey bay species fit into coastal food webs.

Objective:

To observe gut content from various bay shrimp by-catch species and develop a simplified food web.

Background:

Complex food webs exist in Texas Bays and are connected to both freshwater rivers and the Gulf of Mexico. Through the different trophic levels energy is passed through this web. The GoMexSi project has strived hard to provide info on these various food webs and to highlight the relation between species throughout the gulf. In this exercise, the students will attempt constructing a simple food chain/web from discarded by-catch from local bay shrimpers or fish carcasses collected from fish cleaning locations.

Materials:

Fish cleaning/safety gloves

Small knives/scalpels

Plastic gloves

Petri dishes

Tweezers

Disposal trash bags

Simple fish/invert ID book

Process:

Begin by arranging to collect by-catch from a local bay shrimper. If that is not feasible, collect fish carcasses from a local fish cleaning station or bait stand. (on a busy weekend, you will be able to collect buckets of material from several different species.) This material may be kept on ice or frozen until ready to use.

Divide the students into groups of 3-4 students and have them dissect the gut contents of the fish using the safety gloves and/or collection materials provided for the lab. Have the students then identify as much of the gut contents as possible. Arrange like species in associated petri dishes and have the students draw conclusions about a possible food web for the various species collected.

Application:

This lab activity should give the students some unique insight into the various food chains/webs present in our local bay systems. It will also allow them to observe some of the species found in our area up close and in detail.

Evaluation/Extension

Have the students discuss, critique and evaluate each groups web.

Have them identify possible “gaps” in the various food webs.

Have the students identify the various organs found in salt water fish.

Have them compare their data with the GoMexSi site.

Time Frame:

One class period with additional set up time

Grade Level:

6-12

Appendix 6

List of reference IDs accessed from GoMexSI on 10 September 2018, the number of and list of unique predators, prey, and species interactions for Sabine Lake.

See attached PDF file: Appendix 6 - Sabine Lake interaction data.

Appendix 6 - List of references, unique predators and prey, and unique interactions for Sabine Lake

reference	predator	prey	List of unique interactions	
			28	47
1	2	28		
ACT_25D	Membras martinica	Acartia tonsa	Membras martinica	Sand
	Menidia beryllina	Actinopterygii	Membras martinica	Bivalvia
		Amphipoda	Membras martinica	Detritus
		Animalia	Membras martinica	Poales
		Arachnida	Membras martinica	Bryozoa
		Argulus	Membras martinica	Plantae
		Balanus	Membras martinica	Polychaeta
		Bivalvia	Membras martinica	Animalia
		Brachyura	Membras martinica	Arachnida
		Bryozoa	Membras martinica	Insecta
		Cirripedia	Membras martinica	Amphipoda
		Cladocera	Membras martinica	Mysida
		Copepoda	Membras martinica	Penaeidae
		Cyclopoida	Membras martinica	Brachyura
		Detritus	Membras martinica	Harpacticoida
		Eurytemora	Membras martinica	Acartia tonsa
		Harpacticoida	Membras martinica	Cirripedia
		Hirudinea	Membras martinica	Cyclopoida
		Insecta	Membras martinica	Actinopterygii
		Isopoda	Menidia beryllina	Siphonostomatoida
		Mysida	Menidia beryllina	Sand
		Penaeidae	Menidia beryllina	Hirudinea
		Plantae	Menidia beryllina	Bivalvia
		Poales	Menidia beryllina	Detritus
		Polychaeta	Menidia beryllina	Poales
		Sand	Menidia beryllina	Bryozoa
		Siphonostomatoida	Menidia beryllina	Actinopterygii
		Tanaidacea	Menidia beryllina	Plantae
			Menidia beryllina	Polychaeta
			Menidia beryllina	Animalia
			Menidia beryllina	Arachnida
			Menidia beryllina	Insecta

Appendix 6 - List of references, unique predators and prey, and unique interactions for Sabine Lake

Menidia beryllina	Amphipoda
Menidia beryllina	Isopoda
Menidia beryllina	Argulus
Menidia beryllina	Cladocera
Menidia beryllina	Tanaidacea
Menidia beryllina	Mysida
Menidia beryllina	Penaeidae
Menidia beryllina	Brachyura
Menidia beryllina	Copepoda
Menidia beryllina	Cyclopoida
Menidia beryllina	Harpacticoida
Menidia beryllina	Eurytemora
Menidia beryllina	Acartia tonsa
Menidia beryllina	Balanus
Menidia beryllina	Cirripedia

Appendix 7

List of reference IDs accessed from GoMexSI on 10 September 2018, the number of and list of unique predators, prey, and species interactions for Galveston Bay.

See attached PDF file: Appendix 7 – Galveston Bay interaction data.

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

reference	predator	prey	List of unique interactions	
30	90	419	1415	1415
MAM_1C	Kogia sima	Detritus	Kogia sima	Detritus
AVE_3S	Anas fulvigula	Animalia	Anas fulvigula	Animalia
ART_4A	Callinectes sapidus	Crustacea	Anas fulvigula	Crustacea
ACT_60S	Cyprinodon variegatus	Insecta	Anas fulvigula	Insecta
ACT_6R	Fundulus similis	Gastropoda	Anas fulvigula	Gastropoda
ACT_15M	Leiostomus xanthurus	Actinopterygii	Anas fulvigula	Actinopterygii
ACT_67C	Micropogonias undulatus	Plantae	Anas fulvigula	Plantae
ACT_27C	Cynoscion arenarius	Nelumbo lutea	Anas fulvigula	Nelumbo lutea
ACT_15A	Paralichthys lethostigma	Cucurbita foetidissima	Anas fulvigula	Cucurbita foetidissima
ACT_25D	Lagodon rhomboides	Paspalum acuminatum	Anas fulvigula	Paspalum acuminatum
AVE_10K	Pogonias cromis	Euphorbia bicolor	Anas fulvigula	Euphorbia bicolor
AVE_1K	Mugil cephalus	Diodia	Anas fulvigula	Diodia
AVE_2G	Menidia peninsulae	Sacciolepis striata	Anas fulvigula	Sacciolepis striata
ART_1T	Fundulus grandis	Proserpinaca	Anas fulvigula	Proserpinaca
ACT_7R	Membras martinica	Eleocharis	Anas fulvigula	Eleocharis
ACT_57M	Menidia beryllina	Zea mays	Anas fulvigula	Zea mays
ACT_24B	Rynchops niger	Rhynchospora corniculata	Anas fulvigula	Rhynchospora corniculata
ACT_15P	Phalacrocorax brasilianus	Brasenia schreberi	Anas fulvigula	Brasenia schreberi
ACT_2I	Chen caerulescens	Sagittaria graminea	Anas fulvigula	Sagittaria graminea
ACT_31P	Branta	Panicum	Anas fulvigula	Panicum
ACT_3N	Anatidae	Schrankia	Anas fulvigula	Schrankia
ACT_52M	Branta hutchinsii	Eleocharis cellulosa	Anas fulvigula	Eleocharis cellulosa
ACT_11R	Branta canadensis	Setaria pumila	Anas fulvigula	Setaria pumila
ACT_5R	Anomalocera ornata	Vigna luteola	Anas fulvigula	Vigna luteola
ACT_30P	Acartia tonsa	Ceratophyllum demersum	Anas fulvigula	Ceratophyllum demersum
ACT_25M	Labidocera aestiva	Najas guadalupensis	Anas fulvigula	Najas guadalupensis
ACT_10K	Pontella meadii	Potamogeton nodosus	Anas fulvigula	Potamogeton nodosus
ACT_8F	Sciaenops ocellatus	Stuckenia pectinata	Anas fulvigula	Stuckenia pectinata
ACT_20D	Chaetodipterus faber	Nymphaea odorata	Anas fulvigula	Nymphaea odorata
ACT_14B	Bagre marinus	Leersia oryzoides	Anas fulvigula	Leersia oryzoides
	Bairdiella chrysoura	Bolboschoenus robustus	Anas fulvigula	Bolboschoenus robustus
	Archosargus probatocephalus	Echinochloa walteri	Anas fulvigula	Echinochloa walteri
	Cynoscion nebulosus	Ruppia maritima	Anas fulvigula	Ruppia maritima
	Opsanus tau	Panicum dichotomiflorum	Anas fulvigula	Panicum dichotomiflorum
	Gobiosoma bosc	Sesbania herbacea	Anas fulvigula	Sesbania herbacea
	Trinectes maculatus	Cladium	Anas fulvigula	Cladium

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Citharichthys spilopterus	Eleocharis parvula	Anas fulvigula	Eleocharis parvula
Ariopsis felis	Najas	Anas fulvigula	Najas
Decapoda	Ruppia	Anas fulvigula	Ruppia
Mugil	Polygonum foliosum paludicola	Anas fulvigula	Polygonum foliosum paludicola
Scomberomorus cavalla	Schoenoplectus californicus	Anas fulvigula	Schoenoplectus californicus
Scomberomorus maculatus	Oryza sativa	Anas fulvigula	Oryza sativa
Trachinotus carolinus	Cyprinodon variegatus	Anas fulvigula	Cyprinodon variegatus
Menticirrhus	Litopenaeus setiferus	Anas fulvigula	Litopenaeus setiferus
Megalops atlanticus	Chironomidae	Anas fulvigula	Chironomidae
Lutjanus campechanus	Amphipoda	Anas fulvigula	Amphipoda
Carcharias taurus	Mollusca	Anas fulvigula	Mollusca
Coryphaena hippurus	Aluminum	Callinectes sapidus	Aluminum
Caranx hippos	plastic	Callinectes sapidus	Detritus
Polydactylus octonemus	Hevea brasiliensis	Callinectes sapidus	plastic
Synodus foetens	Glass	Callinectes sapidus	Plantae
Elops saurus	Sargassum	Callinectes sapidus	Hevea brasiliensis
Strongylura marina	Isopoda	Callinectes sapidus	Glass
Ictalurus punctatus	Polychaeta	Callinectes sapidus	Sargassum
Atractosteus spatula	Decapoda	Callinectes sapidus	Isopoda
Lepisosteus osseus	Chlorophyta	Callinectes sapidus	Amphipoda
Carcharhinus leucas	Sand	Callinectes sapidus	Polychaeta
Anchoa mitchilli	Bivalvia	Callinectes sapidus	Actinopterygii
Brevoortia patronus	Foraminiferida	Callinectes sapidus	Decapoda
Hyporthodus nigritus	Cirripedia	Callinectes sapidus	Chlorophyta
Sarda sarda	Harpacticoida	Callinectes sapidus	Sand
Pomatomus saltatrix	Ostracoda	Callinectes sapidus	Gastropoda
Istiophorus platypterus	Copepoda	Callinectes sapidus	Bivalvia
Cynoscion	Oligochaeta	Cyprinodon variegatus	Actinopterygii
Epinephelus itajara	Dendrobranchiata	Cyprinodon variegatus	Foraminiferida
Rachycentron canadum	Cyanobacteria	Cyprinodon variegatus	Cirripedia
Aetobatus narinari	Mud	Cyprinodon variegatus	Harpacticoida
Rhinoptera bonasus	Annelida	Cyprinodon variegatus	Insecta
Dasyatis sabina	Porifera	Cyprinodon variegatus	Crustacea
Pristis pectinata	Khakista	Cyprinodon variegatus	Ostracoda
Sphyrna tiburo	Nostoc	Cyprinodon variegatus	Detritus
Carcharhinus	Oscillatoria	Fundulus similis	Detritus
Opsanus beta	Spirogyra	Fundulus similis	Isopoda
Sphoeroides parvus	Anabaena	Fundulus similis	Cirripedia

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Gobiesox strumosus	Lyngbya	Fundulus similis	Amphipoda
Symphurus plagiusa	Cladophora	Fundulus similis	Polychaeta
Achirus lineatus	Ulva	Fundulus similis	Ostracoda
Astroscopus y-graecum	Farfantepenaeus aztecus	Fundulus similis	Harpacticoida
Prionotus tribulus	Ampelisca	Fundulus similis	Insecta
Ctenogobius shufeldti	Penaeidae	Leiostomus xanthurus	Detritus
Gobionellus oceanicus	Peracarida	Leiostomus xanthurus	Polychaeta
Ctenogobius boleosoma	Mugil cephalus	Leiostomus xanthurus	Harpacticoida
Gobioides	Sediment	Micropogonias undulatus	Detritus
Trichiurus lepturus	Tanaidacea	Micropogonias undulatus	Insecta
Stellifer lanceolatus	Penaeus	Micropogonias undulatus	Amphipoda
Oligoplites saurus	Penaeiadae	Micropogonias undulatus	Polychaeta
Morone chrysops	Anomalocardia puella	Micropogonias undulatus	Cirripedia
Syngnathus scovelli	Bittium varium	Micropogonias undulatus	Copepoda
Syngnathus louisianae	Laevicardium	Micropogonias undulatus	Harpacticoida
Urophycis floridana	Neritina	Micropogonias undulatus	Oligochaeta
	Chione cancellata	Micropogonias undulatus	Animalia
	Haminoea antillarum	Micropogonias undulatus	Actinopterygii
	Raeta plicatella	Micropogonias undulatus	Dendrobranchiata
	Donax	Micropogonias undulatus	Foraminiferida
	Mulinia lateralis	Micropogonias undulatus	Decapoda
	Ischadium recurvum	Cynoscion arenarius	Actinopterygii
	Brachidontes exustus	Cynoscion arenarius	Crustacea
	Tagelus plebeius	Cyprinodon variegatus	Plantae
	Texadina barretti	Cyprinodon variegatus	Chlorophyta
	Meiobenthos	Cyprinodon variegatus	Oligochaeta
	Macrobentos	Cyprinodon variegatus	Cyanobacteria
	Calanoida	Cyprinodon variegatus	Mud
	Poales	Cyprinodon variegatus	Annelida
	Bryozoa	Cyprinodon variegatus	Amphipoda
	Arachnida	Cyprinodon variegatus	Sand
	Mysida	Cyprinodon variegatus	Porifera
	Brachyura	Cyprinodon variegatus	Bivalvia
	Acartia tonsa	Cyprinodon variegatus	Polychaeta
	Cyclopoida	Cyprinodon variegatus	Khakista
	Siphonostomatoida	Cyprinodon variegatus	Nostoc
	Hirudinea	Cyprinodon variegatus	Oscillatoria
	Argulus	Cyprinodon variegatus	Spirogyra

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Cladocera	Cyprinodon variegatus	Anabaena
Eurytemora	Cyprinodon variegatus	Lyngbya
Balanus	Cyprinodon variegatus	Cladophora
Peprilus paru	Cyprinodon variegatus	Ulva
Hyporhamphus brasiliensis	Paralichthys lethostigma	Animalia
Trachinotus carolinus	Paralichthys lethostigma	Actinopterygii
Lagodon rhomboides	Paralichthys lethostigma	Farfantepenaeus aztecus
Loligo	Paralichthys lethostigma	Ampelisca
Lepomis macrochirus	Paralichthys lethostigma	Annelida
Strongylura marina	Lagodon rhomboides	Penaeidae
Gambusia affinis	Lagodon rhomboides	Dendrobranchiata
Micropogonias undulatus	Lagodon rhomboides	Peracarida
Anchoa mitchilli	Lagodon rhomboides	Copepoda
Poecilia latipinna	Lagodon rhomboides	Annelida
Fundulus pulvereus	Lagodon rhomboides	Detritus
Fundulus similis	Lagodon rhomboides	Plantae
Mugil curema	Lagodon rhomboides	Animalia
Brevoortia patronus	Lagodon rhomboides	Amphipoda
Fundulus grandis	Lagodon rhomboides	Mugil cephalus
Menidia peninsulae	Lagodon rhomboides	Actinopterygii
Elops saurus	Lagodon rhomboides	Decapoda
Cynoscion arenarius	Lagodon rhomboides	Sediment
Lepomis	Lagodon rhomboides	Tanaidacea
Bairdiella chrysoura	Lagodon rhomboides	Penaeus
Leiostomus xanthurus	Lagodon rhomboides	Penaeidae
Adinia xenica	Pogonias cromis	Insecta
Pogonias cromis	Pogonias cromis	Animalia
Cyprinus carpio	Pogonias cromis	Anomalocardia puella
Cynoscion nebulosus	Pogonias cromis	Bittium varium
Membras martinica	Pogonias cromis	Mollusca
Eleocharis quadrangulata	Pogonias cromis	Laevicardium
Juncus	Pogonias cromis	Neritina
Distichlis spicata	Pogonias cromis	Chione cancellata
Cynodon dactylon	Pogonias cromis	Haminoea antillarum
Ipomoea batatas	Pogonias cromis	Raeta plicatella
Spartina alterniflora	Pogonias cromis	Donax
Vaccinium	Pogonias cromis	Mulinia lateralis
Borrchia frutescens	Pogonias cromis	Ischadium recurvum

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Pisum sativum	Pogonias cromis	Brachidontes exustus
Corydalis	Pogonias cromis	Tagelus plebeius
Medicago polymorpha	Pogonias cromis	Texadina barretti
Geranium	Mugil cephalus	Meiobenthos
Diodella teres	Mugil cephalus	Plantae
Iva	Mugil cephalus	Sand
Sporobolus	Leiostomus xanthurus	Macrocentos
Chloris	Leiostomus xanthurus	Meiobenthos
Oxalis	Leiostomus xanthurus	Chlorophyta
Echinochloa colona	Leiostomus xanthurus	Plantae
Cyperus	Leiostomus xanthurus	Sand
Cucumis melo	Lagodon rhomboides	Insecta
Ambrosia psilostachya	Lagodon rhomboides	Crustacea
Ipomoea	Lagodon rhomboides	Macrocentos
Sorghum halepense	Lagodon rhomboides	Meiobenthos
Cynoscium	Lagodon rhomboides	Chlorophyta
Polygonum	Lagodon rhomboides	Sand
Chaerophyllum	Menidia peninsulae	Insecta
Heliotropium indicum	Menidia peninsulae	Actinopterygii
Paspalum	Menidia peninsulae	Calanoida
Lathyrus pusillus	Menidia peninsulae	Animalia
Bacopa monnieri	Menidia peninsulae	Macrocentos
Rumex acetosella	Menidia peninsulae	Meiobenthos
Spartina	Menidia peninsulae	Chlorophyta
Linum usitatissimum	Menidia peninsulae	Plantae
Nasturtium officinal	Menidia peninsulae	Crustacea
Sorghum bicolor	Fundulus grandis	Insecta
Cirsium	Fundulus grandis	Crustacea
Plantago	Fundulus grandis	Actinopterygii
Verbenaceae	Fundulus grandis	Macrocentos
Oenothera speciosa	Fundulus grandis	Meiobenthos
Monanthochloe littoralis	Fundulus grandis	Chlorophyta
Salicornia bigelovii	Fundulus grandis	Plantae
Setaria	Fundulus grandis	Sand
Eragrostis	Cyprinodon variegatus	Meiobenthos
Festuca	Membras martinica	Sand
Andropogon	Membras martinica	Bivalvia
Carex	Membras martinica	Detritus

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

<i>Typha angustifolia</i>	<i>Membras martinica</i>	Poales
<i>Schoenoplectus pungens pungens</i>	<i>Membras martinica</i>	Bryozoa
<i>Phragmites australis</i>	<i>Membras martinica</i>	Plantae
<i>Stephanopyxis</i>	<i>Membras martinica</i>	Polychaeta
<i>Skeletonema costatum</i>	<i>Membras martinica</i>	Animalia
<i>Chaetoceros</i>	<i>Membras martinica</i>	Arachnida
Centrales	<i>Membras martinica</i>	Insecta
Bacillariophyceae	<i>Membras martinica</i>	Amphipoda
<i>Cyclotella</i>	<i>Membras martinica</i>	Mysida
<i>Thalassiosira</i>	<i>Membras martinica</i>	Penaeidae
<i>Navicula</i>	<i>Membras martinica</i>	Brachyura
<i>Thalassionema</i>	<i>Membras martinica</i>	Harpacticoida
<i>Rhaphoneis</i>	<i>Membras martinica</i>	<i>Acartia tonsa</i>
<i>Cymatosira</i>	<i>Membras martinica</i>	Cirripedia
Curculionidae	<i>Membras martinica</i>	Cyclopoida
Cyprinodontiformes	<i>Membras martinica</i>	Actinopterygii
Mugilidae	<i>Menidia beryllina</i>	Siphonostomatoida
Clupeidae	<i>Menidia beryllina</i>	Sand
<i>Myrophis punctatus</i>	<i>Menidia beryllina</i>	Hirudinea
Pleocyemata	<i>Menidia beryllina</i>	Bivalvia
<i>Ameritella mitchelli</i>	<i>Menidia beryllina</i>	Detritus
Portunidae	<i>Menidia beryllina</i>	Poales
<i>Brevoortia</i>	<i>Menidia beryllina</i>	Bryozoa
<i>Opsanus tau</i>	<i>Menidia beryllina</i>	Actinopterygii
<i>Gobiosoma bosc</i>	<i>Menidia beryllina</i>	Plantae
<i>Trinectes maculatus</i>	<i>Menidia beryllina</i>	Polychaeta
<i>Paralichthys lethostigma</i>	<i>Menidia beryllina</i>	Animalia
<i>Citharichthys spilopterus</i>	<i>Menidia beryllina</i>	Arachnida
<i>Ariopsis felis</i>	<i>Menidia beryllina</i>	Insecta
<i>Bagre marinus</i>	<i>Menidia beryllina</i>	Amphipoda
<i>Sciaenops ocellatus</i>	<i>Menidia beryllina</i>	Isopoda
Sciaenidae	<i>Menidia beryllina</i>	Argulus
Teuthida	<i>Menidia beryllina</i>	Cladocera
<i>Dormitator maculatus</i>	<i>Menidia beryllina</i>	Tanaidacea
<i>Chloroscombrus chrysurus</i>	<i>Menidia beryllina</i>	Mysida
Anchoa	<i>Menidia beryllina</i>	Penaeidae
Engraulidae	<i>Menidia beryllina</i>	Brachyura
<i>Opisthonema oglinum</i>	<i>Menidia beryllina</i>	Copepoda

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Cynoscion	Menidia beryllina	Cyclopoida
Callinectes sapidus	Menidia beryllina	Harpacticoida
Palaemonetes	Menidia beryllina	Eurytemora
Scomberomorus maculatus	Menidia beryllina	Acartia tonsa
Menticirrhus	Menidia beryllina	Balanus
Megalops atlanticus	Menidia beryllina	Cirripedia
Lutjanus campechanus	Rynchops niger	Peprilus paru
Carcharias taurus	Rynchops niger	Hyporhamphus brasiliensis
Coryphaena hippurus	Rynchops niger	Trachinotus carolinus
Chaetodipterus faber	Rynchops niger	Lagodon rhomboides
Caranx hippos	Rynchops niger	Loligo
Archosargus probatocephalus	Rynchops niger	Lepomis macrochirus
Brevoortia gunteri	Rynchops niger	Strongylura marina
Chromista	Rynchops niger	Gambusia affinis
Macoma	Rynchops niger	Micropogonias undulatus
Organic	Rynchops niger	Penaeidae
Farfantepenaeus	Rynchops niger	Anchoa mitchilli
Corixidae	Rynchops niger	Poecilia latipinna
Xanthidae	Rynchops niger	Fundulus pulvereus
Atherinidae	Rynchops niger	Fundulus similis
Rangia	Rynchops niger	Mugil curema
fecal pellets	Rynchops niger	Brevoortia patronus
Telmatogetoninae	Rynchops niger	Fundulus grandis
Tanaidae	Rynchops niger	Mugil cephalus
Gammaridae	Rynchops niger	Cyprinodon variegatus
Formicidae	Rynchops niger	Menidia peninsulae
Diptera	Phalacrocorax brasilianus	Elops saurus
Caprellidae	Phalacrocorax brasilianus	Cynoscion arenarius
Palaemonetes pugio	Phalacrocorax brasilianus	Lepomis
Leptocheilia	Phalacrocorax brasilianus	Bairdiella chrysoura
Gammarus mucronatus	Phalacrocorax brasilianus	Leiostomus xanthurus
Corophium	Phalacrocorax brasilianus	Adinia xenica
Clibanarius vittatus	Phalacrocorax brasilianus	Pogonias cromis
Alpheus	Phalacrocorax brasilianus	Fundulus similis
Crepidula plana	Phalacrocorax brasilianus	Cyprinus carpio
Nereididae	Phalacrocorax brasilianus	Cynoscion nebulosus
Alitta succinea	Phalacrocorax brasilianus	Brevoortia patronus
Nereis pelagica	Phalacrocorax brasilianus	Membras martinica

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Nemertea	Phalacrocorax brasilianus	Gambusia affinis
Serpulidae	Phalacrocorax brasilianus	Fundulus pulvereus
Mysidae	Phalacrocorax brasilianus	Dendrobranchiata
Coleoptera	Phalacrocorax brasilianus	Mugil curema
Pseudodiaptomus coronatus	Phalacrocorax brasilianus	Menidia peninsulae
Oithona	Phalacrocorax brasilianus	Fundulus grandis
Ogyrides	Phalacrocorax brasilianus	Lagodon rhomboides
Mysidopsis	Phalacrocorax brasilianus	Micropogonias undulatus
Americamysis almyra	Phalacrocorax brasilianus	Mugil cephalus
Labidocera aestiva	Phalacrocorax brasilianus	Poecilia latipinna
Hippolyte	Phalacrocorax brasilianus	Cyprinodon variegatus
Eurytemora hirundoides	Chen caerulescens	Oryza sativa
Eurypanopeus depressus	Chen caerulescens	Eleocharis quadrangulata
Cassinidea lunifrons	Chen caerulescens	Juncus
Mytilopsis leucophaeata	Chen caerulescens	Bolboschoenus robustus
Actiniaria	Chen caerulescens	Distichlis spicata
Odonata	Branta	Oryza sativa
Ceratopogonidae	Branta	Cynodon dactylon
Coullana canadensis	Branta	Juncus
Bowmaniella brasiliensis	Anatidae	Ipomoea batatas
Rangia cuneata	Anatidae	Spartina alterniflora
Terebellidae	Anatidae	Vaccinium
Coscinodiscus	Anatidae	Borrchia frutescens
Dyspanopeus texanus	Anatidae	Distichlis spicata
Caligus	Anatidae	Pisum sativum
Arenicola cristata	Anatidae	Actinopterygii
Brachionus	Anatidae	Detritus
Lucania parva	Anatidae	Plantae
Chordata	Anatidae	Corydalis
Ephemeroptera	Anatidae	Medicago polymorpha
Tozeuma carolinense	Anatidae	Geranium
Palaemon	Anatidae	Diodella teres
Ergasilus	Anatidae	Iva
Arthropoda	Anatidae	Sporobolus
Mitrella lunata	Anatidae	Chloris
Diopatra cuprea	Anatidae	Oxalis
Hydrachnidia	Anatidae	Echinochloa colona
Dytiscidae	Anatidae	Cyperus

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Trichoptera	Anatidae	Cucumis melo
Taphromysis louisianae	Anatidae	Ambrosia psilostachya
Euceramus	Anatidae	Ipomoea
Forminifera	Anatidae	Sorghum halepense
Protozoa	Anatidae	Cynoscium
Pinnotheres	Anatidae	Polygonum
Edotia triloba	Anatidae	Chaerophyllum
Menidia beryllina	Anatidae	Chlorophyta
Silt	Anatidae	Heliotropium indicum
Prorocentrum	Anatidae	Cynodon dactylon
Prorocentrum micans	Anatidae	Paspalum
Gymnodinium	Anatidae	Lathyrus pusillus
Pyrrophytophyta	Anatidae	Bacopa monnieri
Euglena	Anatidae	Rumex acetosella
Merismopedia	Anatidae	Panicum
Dactylococcopsis	Anatidae	Spartina
Chroococcus	Anatidae	Linum usitatissimum
Aphanocapsa	Anatidae	Nasturtium officinal
Hymenomonas	Anatidae	Sorghum bicolor
Campylodiscus	Anatidae	Zea mays
Scenedesmus	Anatidae	Oryza sativa
Acutodesmus acuminatus	Anatidae	Cirsium
Kirchneriella	Anatidae	Plantago
Cosmarium	Anatidae	Verbenaceae
Chlorophyceae	Anatidae	Oenothera speciosa
Closteriopsis	Anatidae	Monanthochloe littoralis
Thalassiothrix	Anatidae	Salicornia bigelovii
Thalassionema frauenfeldii	Chen caerulescens	Sporobolus
Thalassionema nitzschioides	Chen caerulescens	Setaria
Tabellaria fenestrata	Chen caerulescens	Panicum
Synedra	Chen caerulescens	Eragrostis
Tabularia fasciculata	Chen caerulescens	Festuca
Surirella	Chen caerulescens	Paspalum
Gyrosigma acuminatum	Chen caerulescens	Andropogon
Gyrosigma	Chen caerulescens	Cyperus
Grammatophora	Chen caerulescens	Carex
Fragilaria	Chen caerulescens	Polygonum
Fragilaria crotonensis	Chen caerulescens	Typha angustifolia

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Staurosira construens	Chen caerulescens	Schoenoplectus pungens pungens
Fragilaria brevistriata	Chen caerulescens	Spartina
Stichosiphon	Chen caerulescens	Spartina alterniflora
Pleurosigma	Chen caerulescens	Phragmites australis
Bacillariophycidae	Branta hutchinsii	Vaccinium
Opephora	Branta canadensis	Vaccinium
Martyana martyi	Branta canadensis	Paspalum
Nitzschia	Branta canadensis	Bacopa monnieri
Tryblionella compressa	Branta canadensis	Cynodon dactylon
Nitzschia closterium	Anomalocera ornata	Stephanopyxis
Tryblionella apiculata	Anomalocera ornata	Skeletonema costatum
Neidium	Anomalocera ornata	Chaetoceros
Navicula rhynchocephala	Acartia tonsa	Centrales
Navicula radiosa	Acartia tonsa	Bacillariophyceae
Fallacia pygmaea	Acartia tonsa	Cyclotella
Caloneis	Acartia tonsa	Thalassiosira
Geissleria thingvallae	Acartia tonsa	Skeletonema costatum
Craticula halophila	Labidocera aestiva	Crustacea
Craticula accomoda	Labidocera aestiva	Thalassiosira
Melosira	Labidocera aestiva	Navicula
Mastogloia	Labidocera aestiva	Chaetoceros
Licmophora	Labidocera aestiva	Centrales
Palmeria hardmaniana	Pontella meadii	Copepoda
Diploneis	Pontella meadii	Crustacea
Cymbella	Pontella meadii	Centrales
Coscinodiscus radiatus	Pontella meadii	Chaetoceros
Coscinodiscus granii	Pontella meadii	Thalassionema
Coscinodiscus excentricus	Pontella meadii	Thalassiosira
Cocconeis	Pontella meadii	Skeletonema costatum
Cocconeis placentula	Pontella meadii	Rhaphoneis
Climacosphenia moniligera	Pontella meadii	Cymatosira
Chaetoceros compressus	Pontella meadii	Navicula
Biddulphia	Pontella meadii	Curculionidae
Bacillaria paxillifer	Sciaenops ocellatus	Lagodon rhomboides
Asterionella japonica	Sciaenops ocellatus	Cyprinodontiformes
Asterionella	Sciaenops ocellatus	Mugilidae
Amphiprora	Sciaenops ocellatus	Clupeidae
Amphipleura pellucida	Sciaenops ocellatus	Actinopterygii

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Achnanthes	Sciaenops ocellatus	Decapoda
Planothidium hauckianum	Paralichthys lethostigma	Decapoda
Protoperidinium	Chaetodipterus faber	Detritus
Westella botryoides	Chaetodipterus faber	Plantae
Tetraedron	Chaetodipterus faber	Bivalvia
Scenedesmus quadricauda	Chaetodipterus faber	Mollusca
Crucigenia	Chaetodipterus faber	Actinopterygii
Guinardia flaccida	Bagre marinus	Clupeidae
Pseudo-nitzschia pungens	Bagre marinus	Myrophis punctatus
Diatoma	Bagre marinus	Actinopterygii
Karayevia clevei	Bagre marinus	Pleocyemata
Deuterostomia	Bagre marinus	Detritus
Invertebrata	Bairdiella chrysoura	Actinopterygii
Synodontidae	Bairdiella chrysoura	Decapoda
Labridae	Archosargus probatocephalus	Plantae
Eucinostomus	Archosargus probatocephalus	Bivalvia
Syngnathidae	Archosargus probatocephalus	Pleocyemata
Scombridae	Cynoscion arenarius	Brevoortia patronus
Electrona antarctica	Cynoscion arenarius	Detritus
Hemiramphidae	Cynoscion arenarius	Decapoda
Carangidae	Cynoscion arenarius	Cynoscion arenarius
Callionymidae	Micropogonias undulatus	Anchoa mitchilli
Bothidae	Micropogonias undulatus	Plantae
Harengula	Micropogonias undulatus	Annelida
Nematoda	Micropogonias undulatus	Pleocyemata
Balistidae	Micropogonias undulatus	Ameritella mitchelli
Euphausiidae	Cynoscion arenarius	Insecta
Nudibranchia	Cynoscion arenarius	Anchoa mitchilli
Tetraodontidae	Cynoscion arenarius	Portunidae
Tracheophyta	Cynoscion arenarius	Penaeidae
Palaemonidae	Cynoscion arenarius	Amphipoda
Eucarida	Cynoscion arenarius	Mugil cephalus
Osteichthyes	Cynoscion arenarius	Annelida
Sparidae	Cynoscion arenarius	Cynoscion nebulosus
Ariidae	Cynoscion arenarius	Micropogonias undulatus
Macrobrachium	Cynoscion arenarius	Isopoda
Malacostraca	Cynoscion nebulosus	Anchoa mitchilli
Myrophis	Cynoscion nebulosus	Detritus

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Ophichthidae	Cynoscion nebulosus	Actinopterygii
Menidia	Cynoscion nebulosus	Brevoortia
Lagcocephalus laevigatus	Cynoscion nebulosus	Penaeus
	Cyprinodon variegatus	Cyprinodon variegatus
	Fundulus grandis	Fundulus grandis
	Bairdiella chrysoura	Bairdiella chrysoura
	Opsanus tau	Opsanus tau
	Pogonias cromis	Pogonias cromis
	Gobiosoma bosc	Gobiosoma bosc
	Trinectes maculatus	Trinectes maculatus
	Lagodon rhomboides	Lagodon rhomboides
	Paralichthys lethostigma	Paralichthys lethostigma
	Citharichthys spilopterus	Citharichthys spilopterus
	Ariopsis felis	Ariopsis felis
	Bagre marinus	Bagre marinus
	Sciaenops ocellatus	Sciaenops ocellatus
	Cynoscion nebulosus	Cynoscion nebulosus
	Micropogonias undulatus	Sciaenidae
	Decapoda	Ruppia maritima
	Mugil	Ruppia maritima
	Lagodon rhomboides	Ruppia maritima
	Archosargus probatocephalus	Ruppia maritima
	Scomberomorus cavalla	Teuthida
	Scomberomorus cavalla	Isopoda
	Scomberomorus cavalla	Actinopterygii
	Scomberomorus cavalla	Dormitator maculatus
	Scomberomorus cavalla	Mugilidae
	Scomberomorus cavalla	Sciaenidae
	Scomberomorus cavalla	Chloroscombrus chrysurus
	Scomberomorus cavalla	Anchoa
	Scomberomorus cavalla	Engraulidae
	Scomberomorus cavalla	Opisthonema oglinum
	Scomberomorus cavalla	Clupeidae
	Scomberomorus maculatus	Teuthida
	Scomberomorus maculatus	Actinopterygii
	Scomberomorus maculatus	Cynoscion
	Scomberomorus maculatus	Sciaenidae
	Scomberomorus maculatus	Anchoa

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

<i>Scomberomorus maculatus</i>	<i>Brevoortia patronus</i>
<i>Scomberomorus maculatus</i>	Clupeidae
<i>Sciaenops ocellatus</i>	Plantae
<i>Sciaenops ocellatus</i>	Copepoda
<i>Sciaenops ocellatus</i>	Mysida
<i>Sciaenops ocellatus</i>	Amphipoda
<i>Sciaenops ocellatus</i>	<i>Callinectes sapidus</i>
<i>Sciaenops ocellatus</i>	Tanaidacea
<i>Sciaenops ocellatus</i>	Penaeidae
<i>Cynoscion nebulosus</i>	Plantae
<i>Cynoscion nebulosus</i>	Isopoda
<i>Cynoscion nebulosus</i>	Mysida
<i>Cynoscion nebulosus</i>	Amphipoda
<i>Cynoscion nebulosus</i>	Penaeidae
<i>Cynoscion nebulosus</i>	Polychaeta
<i>Cynoscion nebulosus</i>	Palaemonetes
<i>Cynoscion nebulosus</i>	Copepoda
<i>Cynoscion nebulosus</i>	Tanaidacea
<i>Leiostomus xanthurus</i>	Actinopterygii
<i>Leiostomus xanthurus</i>	Isopoda
<i>Leiostomus xanthurus</i>	Copepoda
<i>Leiostomus xanthurus</i>	Tanaidacea
<i>Leiostomus xanthurus</i>	Amphipoda
<i>Leiostomus xanthurus</i>	Penaeidae
<i>Lagodon rhomboides</i>	Polychaeta
<i>Lagodon rhomboides</i>	Mysida
<i>Lagodon rhomboides</i>	Palaemonetes
<i>Lagodon rhomboides</i>	<i>Callinectes sapidus</i>
<i>Lagodon rhomboides</i>	Isopoda
<i>Fundulus grandis</i>	Polychaeta
<i>Fundulus grandis</i>	Palaemonetes
<i>Fundulus grandis</i>	<i>Callinectes sapidus</i>
<i>Fundulus grandis</i>	Mysida
<i>Fundulus grandis</i>	Tanaidacea
<i>Fundulus grandis</i>	Amphipoda
<i>Fundulus grandis</i>	Penaeidae
<i>Paralichthys lethostigma</i>	Palaemonetes
<i>Paralichthys lethostigma</i>	Mysida

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Paralichthys lethostigma	Tanaidacea
Paralichthys lethostigma	Amphipoda
Paralichthys lethostigma	Penaeidae
Paralichthys lethostigma	Plantae
Paralichthys lethostigma	Polychaeta
Paralichthys lethostigma	Callinectes sapidus
Paralichthys lethostigma	Isopoda
Trachinotus carolinus	Trachinotus carolinus
Scomberomorus maculatus	Scomberomorus maculatus
Menticirrhus	Menticirrhus
Megalops atlanticus	Megalops atlanticus
Lutjanus campechanus	Lutjanus campechanus
Carcharias taurus	Carcharias taurus
Coryphaena hippurus	Coryphaena hippurus
Chaetodipterus faber	Chaetodipterus faber
Caranx hippos	Caranx hippos
Archosargus probatocephalus	Archosargus probatocephalus
Scomberomorus cavalla	Brevoortia gunteri
Cynoscion arenarius	Mollusca
Cynoscion arenarius	Pleocyemata
Cynoscion arenarius	Clupeidae
Cynoscion arenarius	Sciaenidae
Cynoscion arenarius	Anchoa
Cynoscion arenarius	Copepoda
Pogonias cromis	Bivalvia
Citharichthys spilopterus	Copepoda
Micropogonias undulatus	Chromista
Micropogonias undulatus	Crustacea
Micropogonias undulatus	Mollusca
Micropogonias undulatus	Anchoa
Micropogonias undulatus	Brevoortia patronus
Micropogonias undulatus	Macoma
Leiostomus xanthurus	Organic
Leiostomus xanthurus	Chromista
Sciaenops ocellatus	Pleocyemata
Sciaenops ocellatus	Myrophis punctatus
Sciaenops ocellatus	Farfantepenaeus
Polydactylus octonemus	Crustacea

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Polydactylus octonemus	Copepoda
Polydactylus octonemus	Corixidae
Polydactylus octonemus	Farfantepenaeus
Mugil cephalus	Detritus
Ariopsis felis	Xanthidae
Ariopsis felis	Bivalvia
Ariopsis felis	Actinopterygii
Ariopsis felis	Copepoda
Ariopsis felis	Decapoda
Bagre marinus	Brevoortia patronus
Bagre marinus	Callinectes sapidus
Bagre marinus	Xanthidae
Synodus foetens	Actinopterygii
Elops saurus	Farfantepenaeus
Elops saurus	Atherinidae
Elops saurus	Clupeidae
Paralichthys lethostigma	Crustacea
Paralichthys lethostigma	Dendrobranchiata
Archosargus probatocephalus	Dendrobranchiata
Archosargus probatocephalus	Mollusca
Archosargus probatocephalus	Cirripedia
Archosargus probatocephalus	Chlorophyta
Archosargus probatocephalus	Ruppia
Sciaenops ocellatus	Detritus
Sciaenops ocellatus	Brevoortia
Sciaenops ocellatus	Dendrobranchiata
Pogonias cromis	Crustacea
Pogonias cromis	Dendrobranchiata
Pogonias cromis	Rangia
Cynoscion nebulosus	Dendrobranchiata
Cynoscion nebulosus	Mugilidae
Strongylura marina	Dendrobranchiata
Strongylura marina	Actinopterygii
Ictalurus punctatus	Brevoortia
Ictalurus punctatus	Rangia
Bagre marinus	Dendrobranchiata
Atractosteus spatula	Actinopterygii
Lepisosteus osseus	Actinopterygii

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Carcharhinus leucas	Actinopterygii
Fundulus grandis	Detritus
Fundulus grandis	fecal pellets
Fundulus grandis	Telmatogetoninae
Fundulus grandis	Tanaidae
Fundulus grandis	Decapoda
Fundulus grandis	Isopoda
Fundulus grandis	Harpacticoida
Fundulus grandis	Gammaridae
Fundulus grandis	Formicidae
Fundulus grandis	Diptera
Fundulus grandis	Curculionidae
Fundulus grandis	Pleocyemata
Fundulus grandis	Copepoda
Fundulus grandis	Caprellidae
Fundulus grandis	Arachnida
Fundulus grandis	Palaemonetes pugio
Fundulus grandis	Leptochelia
Fundulus grandis	Gammarus mucronatus
Fundulus grandis	Corophium
Fundulus grandis	Clibanarius vittatus
Fundulus grandis	Alpheus
Fundulus grandis	Crepidula plana
Fundulus grandis	Nereididae
Fundulus grandis	Alitta succinea
Fundulus grandis	Nereis pelagica
Fundulus grandis	Nemertea
Fundulus grandis	Cyanobacteria
Fundulus grandis	Khakista
Cyprinodon variegatus	fecal pellets
Cyprinodon variegatus	Tanaidae
Cyprinodon variegatus	Gammaridae
Cyprinodon variegatus	Cyclopoida
Cyprinodon variegatus	Calanoida
Cyprinodon variegatus	Nereididae
Lagodon rhomboides	fecal pellets
Lagodon rhomboides	Tanaidae
Lagodon rhomboides	Serpulidae

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Lagodon rhomboides	Mysidae
Lagodon rhomboides	Harpacticoida
Lagodon rhomboides	Gammaridae
Lagodon rhomboides	Pleocyemata
Lagodon rhomboides	Coleoptera
Lagodon rhomboides	Calanoida
Lagodon rhomboides	Cirripedia
Lagodon rhomboides	Pseudodiaptomus coronatus
Lagodon rhomboides	Oithona
Lagodon rhomboides	Ogyrides
Lagodon rhomboides	Mysidopsis
Lagodon rhomboides	Americamysis almyra
Lagodon rhomboides	Labidocera aestiva
Lagodon rhomboides	Hippolyte
Lagodon rhomboides	Gammarus mucronatus
Lagodon rhomboides	Eurytemora hirundoides
Lagodon rhomboides	Eurypanopeus depressus
Lagodon rhomboides	Corophium
Lagodon rhomboides	Cassidinidea lunifrons
Lagodon rhomboides	Acartia tonsa
Lagodon rhomboides	Bivalvia
Lagodon rhomboides	Laevicardium
Lagodon rhomboides	Mytilopsis leucophaeata
Lagodon rhomboides	Nereididae
Lagodon rhomboides	Alitta succinea
Lagodon rhomboides	Actinaria
Lagodon rhomboides	Foraminiferida
Lagodon rhomboides	Cyanobacteria
Leiostomus xanthurus	fecal pellets
Leiostomus xanthurus	Brevoortia patronus
Leiostomus xanthurus	Tanaidae
Leiostomus xanthurus	Telmatogetoninae
Leiostomus xanthurus	Decapoda
Leiostomus xanthurus	Ostracoda
Leiostomus xanthurus	Odonata
Leiostomus xanthurus	Mysidae
Leiostomus xanthurus	Insecta
Leiostomus xanthurus	Gammaridae

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Leiostomus xanthurus	Cyclopoida
Leiostomus xanthurus	Ceratopogonidae
Leiostomus xanthurus	Calanoida
Leiostomus xanthurus	Cirripedia
Leiostomus xanthurus	Coullana canadensis
Leiostomus xanthurus	Pseudodiaptomus coronatus
Leiostomus xanthurus	Americamysis almyra
Leiostomus xanthurus	Leptocheilia
Leiostomus xanthurus	Labidocera aestiva
Leiostomus xanthurus	Gammarus mucronatus
Leiostomus xanthurus	Eurytemora hirundoides
Leiostomus xanthurus	Corophium
Leiostomus xanthurus	Callinectes sapidus
Leiostomus xanthurus	Bowmaniella brasiliensis
Leiostomus xanthurus	Acartia tonsa
Leiostomus xanthurus	Bivalvia
Leiostomus xanthurus	Rangia cuneata
Leiostomus xanthurus	Macoma
Leiostomus xanthurus	Terebellidae
Leiostomus xanthurus	Nereididae
Leiostomus xanthurus	Alitta succinea
Leiostomus xanthurus	Nemertea
Leiostomus xanthurus	Foraminiferida
Leiostomus xanthurus	Cyanobacteria
Leiostomus xanthurus	Khakista
Leiostomus xanthurus	Coscinodiscus
Micropogonias undulatus	Sand
Micropogonias undulatus	fecal pellets
Micropogonias undulatus	Telmatogetoninae
Micropogonias undulatus	Tanaidae
Micropogonias undulatus	Ostracoda
Micropogonias undulatus	Mysidae
Micropogonias undulatus	Gammaridae
Micropogonias undulatus	Diptera
Micropogonias undulatus	Cyclopoida
Micropogonias undulatus	Chironomidae
Micropogonias undulatus	Coullana canadensis
Micropogonias undulatus	Pseudodiaptomus coronatus

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Micropogonias undulatus	Penaeidae
Micropogonias undulatus	Litopenaeus setiferus
Micropogonias undulatus	Palaemonetes
Micropogonias undulatus	Palaemonetes pugio
Micropogonias undulatus	Ogyrides
Micropogonias undulatus	Dyspanopeus texanus
Micropogonias undulatus	Mysidopsis
Micropogonias undulatus	Americamysis almyra
Micropogonias undulatus	Leptochelia
Micropogonias undulatus	Labidocera aestiva
Micropogonias undulatus	Gammarus mucronatus
Micropogonias undulatus	Eurytemora
Micropogonias undulatus	Eurytemora hirundooides
Micropogonias undulatus	Corophium
Micropogonias undulatus	Caligus
Micropogonias undulatus	Bowmaniella brasiliensis
Micropogonias undulatus	Acartia tonsa
Micropogonias undulatus	Gastropoda
Micropogonias undulatus	Bivalvia
Micropogonias undulatus	Neritina
Micropogonias undulatus	Mulinia lateralis
Micropogonias undulatus	Nereididae
Micropogonias undulatus	Alitta succinea
Micropogonias undulatus	Arenicola cristata
Micropogonias undulatus	Brachionus
Micropogonias undulatus	Chlorophyta
Micropogonias undulatus	Coscinodiscus
Sciaenops ocellatus	Sand
Sciaenops ocellatus	Mugil cephalus
Sciaenops ocellatus	Micropogonias undulatus
Sciaenops ocellatus	Lucania parva
Sciaenops ocellatus	Leiostomus xanthurus
Sciaenops ocellatus	Fundulus similis
Sciaenops ocellatus	Brevoortia patronus
Sciaenops ocellatus	Anchoa mitchilli
Sciaenops ocellatus	Chordata
Sciaenops ocellatus	Xanthidae
Sciaenops ocellatus	Tanaidae

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Sciaenops ocellatus	Mysidae
Sciaenops ocellatus	Isopoda
Sciaenops ocellatus	Gammaridae
Sciaenops ocellatus	Ephemeroptera
Sciaenops ocellatus	Tozeuma carolinense
Sciaenops ocellatus	Farfantepenaeus aztecus
Sciaenops ocellatus	Palaemonetes
Sciaenops ocellatus	Palaemonetes pugio
Sciaenops ocellatus	Palaemon
Sciaenops ocellatus	Mysidopsis
Sciaenops ocellatus	Hippolyte
Sciaenops ocellatus	Gammarus mucronatus
Sciaenops ocellatus	Ergasilus
Sciaenops ocellatus	Corophium
Sciaenops ocellatus	Bowmaniella brasiliensis
Sciaenops ocellatus	Arthropoda
Sciaenops ocellatus	Bivalvia
Sciaenops ocellatus	Mitrella lunata
Sciaenops ocellatus	Mollusca
Sciaenops ocellatus	Polychaeta
Sciaenops ocellatus	Nereididae
Sciaenops ocellatus	Alitta succinea
Sciaenops ocellatus	Diopatra cuprea
Sciaenops ocellatus	Annelida
Fundulus similis	Plantae
Fundulus similis	Sand
Fundulus similis	fecal pellets
Fundulus similis	Actinopterygii
Fundulus similis	Telmatogetoninae
Fundulus similis	Tanaidae
Fundulus similis	Decapoda
Fundulus similis	Hydrachnidia
Fundulus similis	Gammaridae
Fundulus similis	Formicidae
Fundulus similis	Dytiscidae
Fundulus similis	Diptera
Fundulus similis	Curculionidae
Fundulus similis	Copepoda

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Fundulus similis	Palaemonetes
Fundulus similis	Corophium
Fundulus similis	Gastropoda
Fundulus similis	Bivalvia
Fundulus similis	Nereididae
Fundulus similis	Foraminiferida
Fundulus similis	Cyanobacteria
Anchoa mitchilli	Sand
Anchoa mitchilli	Detritus
Anchoa mitchilli	Actinopterygii
Anchoa mitchilli	Trichoptera
Anchoa mitchilli	Tanaidae
Anchoa mitchilli	Decapoda
Anchoa mitchilli	Ostracoda
Anchoa mitchilli	Mysidae
Anchoa mitchilli	Harpacticoida
Anchoa mitchilli	Gammaridae
Anchoa mitchilli	Formicidae
Anchoa mitchilli	Pleocyemata
Anchoa mitchilli	Copepoda
Anchoa mitchilli	Calanoida
Anchoa mitchilli	Cirripedia
Anchoa mitchilli	Taphromysis louisianae
Anchoa mitchilli	Pseudodiaptomus coronatus
Anchoa mitchilli	Palaemonetes
Anchoa mitchilli	Oithona
Anchoa mitchilli	Americamysis almyra
Anchoa mitchilli	Euceramus
Anchoa mitchilli	Caligus
Anchoa mitchilli	Corophium
Anchoa mitchilli	Acartia tonsa
Anchoa mitchilli	Cyanobacteria
Anchoa mitchilli	Khakista
Anchoa mitchilli	Coscinodiscus
Pogonias cromis	Detritus
Pogonias cromis	fecal pellets
Pogonias cromis	Actinopterygii
Pogonias cromis	Chordata

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Pogonias cromis	Xanthidae
Pogonias cromis	Telmatogetoninae
Pogonias cromis	Tanaidae
Pogonias cromis	Decapoda
Pogonias cromis	Odonata
Pogonias cromis	Mysidae
Pogonias cromis	Gammaridae
Pogonias cromis	Diptera
Pogonias cromis	Pleocyemata
Pogonias cromis	Gammarus mucronatus
Pogonias cromis	Corophium
Pogonias cromis	Gastropoda
Pogonias cromis	Rangia cuneata
Pogonias cromis	Polychaeta
Pogonias cromis	Annelida
Pogonias cromis	Forminifera
Pogonias cromis	Protozoa
Pogonias cromis	Chlorophyta
Menidia beryllina	fecal pellets
Menidia beryllina	Anchoa mitchilli
Menidia beryllina	Decapoda
Menidia beryllina	Ostracoda
Menidia beryllina	Gammaridae
Menidia beryllina	Formicidae
Menidia beryllina	Diptera
Menidia beryllina	Calanoida
Menidia beryllina	Taphromysis louisianae
Menidia beryllina	Pinnotheres
Menidia beryllina	Palaemonetes
Menidia beryllina	Labidocera aestiva
Menidia beryllina	Eurytemora hirundoides
Menidia beryllina	Edotia triloba
Menidia beryllina	Corophium
Menidia beryllina	Caligus
Menidia beryllina	Gastropoda
Menidia beryllina	Nereididae
Menidia beryllina	Diopatra cuprea
Menidia beryllina	Coscinodiscus

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Cynoscion nebulosus	Sand
Cynoscion nebulosus	Menidia beryllina
Cynoscion nebulosus	Brevoortia patronus
Cynoscion nebulosus	Chordata
Cynoscion nebulosus	Tanaidae
Cynoscion nebulosus	Decapoda
Cynoscion nebulosus	Mysidae
Cynoscion nebulosus	Gammaridae
Cynoscion nebulosus	Farfantepenaeus aztecus
Cynoscion nebulosus	Palaemonetes pugio
Cynoscion nebulosus	Mysidopsis
Cynoscion nebulosus	Alpheus
Cynoscion nebulosus	Arthropoda
Cynoscion nebulosus	Bivalvia
Cynoscion nebulosus	Mollusca
Cynoscion nebulosus	Annelida
Mugil cephalus	Silt
Mugil cephalus	Prorocentrum
Mugil cephalus	Prorocentrum micans
Mugil cephalus	Gymnodinium
Mugil cephalus	Pyrrophyta
Mugil cephalus	Euglena
Mugil cephalus	Nostoc
Mugil cephalus	Merismopedia
Mugil cephalus	Dactylococcopsis
Mugil cephalus	Chroococcus
Mugil cephalus	Aphanocapsa
Mugil cephalus	Anabaena
Mugil cephalus	Hymenomonas
Mugil cephalus	Campylodiscus
Mugil cephalus	Scenedesmus
Mugil cephalus	Acutodesmus acuminatus
Mugil cephalus	Kirchneriella
Mugil cephalus	Chlorophyta
Mugil cephalus	Cosmarium
Mugil cephalus	Chlorophyceae
Mugil cephalus	Closteriopsis
Mugil cephalus	Thalassiothrix

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Mugil cephalus	Thalassionema frauenfeldii
Mugil cephalus	Thalassionema nitzschioides
Mugil cephalus	Thalassiosira
Mugil cephalus	Tabellaria fenestrata
Mugil cephalus	Synedra
Mugil cephalus	Tabularia fasciculata
Mugil cephalus	Surirella
Mugil cephalus	Gyrosigma acuminatum
Mugil cephalus	Gyrosigma
Mugil cephalus	Grammatophora
Mugil cephalus	Fragilaria
Mugil cephalus	Fragilaria crotonensis
Mugil cephalus	Staurosira construens
Mugil cephalus	Fragilaria brevistriata
Mugil cephalus	Stichosiphon
Mugil cephalus	Skeletonema costatum
Mugil cephalus	Pleurosigma
Mugil cephalus	Bacillariophycidae
Mugil cephalus	Opephora
Mugil cephalus	Martyana martyi
Mugil cephalus	Nitzschia
Mugil cephalus	Tryblionella compressa
Mugil cephalus	Nitzschia closterium
Mugil cephalus	Tryblionella apiculata
Mugil cephalus	Neidium
Mugil cephalus	Navicula
Mugil cephalus	Navicula rhynchocephala
Mugil cephalus	Navicula radiosa
Mugil cephalus	Fallacia pygmaea
Mugil cephalus	Caloneis
Mugil cephalus	Geissleria thingvallae
Mugil cephalus	Craticula halophila
Mugil cephalus	Craticula accomoda
Mugil cephalus	Melosira
Mugil cephalus	Mastogloia
Mugil cephalus	Licmophora
Mugil cephalus	Palmeria hardmaniana
Mugil cephalus	Diploneis

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Mugil cephalus	Cymbella
Mugil cephalus	Cyclotella
Mugil cephalus	Coscinodiscus
Mugil cephalus	Coscinodiscus radiatus
Mugil cephalus	Coscinodiscus granii
Mugil cephalus	Coscinodiscus excentricus
Mugil cephalus	Cocconeis
Mugil cephalus	Cocconeis placentula
Mugil cephalus	Climacosphenia moniligera
Mugil cephalus	Chaetoceros
Mugil cephalus	Chaetoceros compressus
Mugil cephalus	Centrales
Mugil cephalus	Biddulphia
Mugil cephalus	Bacillaria paxillifer
Mugil cephalus	Asterionella japonica
Mugil cephalus	Asterionella
Mugil cephalus	Curculionidae
Mugil cephalus	Amphiprora
Mugil cephalus	Amphipleura pellucida
Mugil cephalus	Achnanthes
Mugil cephalus	Planothidium hauckianum
Cynoscion arenarius	Mysidae
Cynoscion arenarius	Gammaridae
Cynoscion arenarius	Palaemonetes pugio
Cynoscion arenarius	Ogyrides
Cynoscion arenarius	Americamysis almyra
Cynoscion arenarius	Caligus
Cynoscion arenarius	Polychaeta
Archosargus probatocephalus	Sand
Archosargus probatocephalus	Detritus
Archosargus probatocephalus	Telmatogetoninae
Archosargus probatocephalus	Tanaidae
Archosargus probatocephalus	Mysidae
Archosargus probatocephalus	Harpacticoida
Archosargus probatocephalus	Gammaridae
Archosargus probatocephalus	Formicidae
Archosargus probatocephalus	Calanoida
Archosargus probatocephalus	Mysidopsis

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Archosargus probatocephalus	Eurytemora hirundoides
Archosargus probatocephalus	Eurypanopeus depressus
Archosargus probatocephalus	Corophium
Archosargus probatocephalus	Callinectes sapidus
Archosargus probatocephalus	Laevicardium
Archosargus probatocephalus	Serpulidae
Archosargus probatocephalus	Polychaeta
Archosargus probatocephalus	Foraminiferida
Archosargus probatocephalus	Cyanobacteria
Paralichthys lethostigma	Detritus
Paralichthys lethostigma	Archosargus probatocephalus
Paralichthys lethostigma	Micropogonias undulatus
Paralichthys lethostigma	Palaemonetes pugio
Paralichthys lethostigma	Gastropoda
Paralichthys lethostigma	Bivalvia
Paralichthys lethostigma	Macoma
Paralichthys lethostigma	Brachidontes exustus
Brevoortia patronus	Silt
Brevoortia patronus	Sand
Brevoortia patronus	Detritus
Brevoortia patronus	Prorocentrum
Brevoortia patronus	Prorocentrum micans
Brevoortia patronus	Protozoa
Brevoortia patronus	Pyrrophyta
Brevoortia patronus	Oscillatoria
Brevoortia patronus	Dactylococcopsis
Brevoortia patronus	Chroococcus
Brevoortia patronus	Anabaena
Brevoortia patronus	Chromista
Brevoortia patronus	Westella botryoides
Brevoortia patronus	Tetraedron
Brevoortia patronus	Scenedesmus quadricauda
Brevoortia patronus	Scenedesmus
Brevoortia patronus	Acutodesmus acuminatus
Brevoortia patronus	Kirchneriella
Brevoortia patronus	Crucigenia
Brevoortia patronus	Cosmarium
Brevoortia patronus	Chlorophyceae

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Brevoortia patronus	Thalassiothrix
Brevoortia patronus	Thalassionema nitzschioides
Brevoortia patronus	Thalassiosira
Brevoortia patronus	Synedra
Brevoortia patronus	Guinardia flaccida
Brevoortia patronus	Plantae
Brevoortia patronus	Skeletonema costatum
Brevoortia patronus	Bacillariophycidae
Brevoortia patronus	Nitzschia
Brevoortia patronus	Pseudo-nitzschia pungens
Brevoortia patronus	Tryblionella compressa
Brevoortia patronus	Nitzschia closterium
Brevoortia patronus	Tryblionella apiculata
Brevoortia patronus	Navicula
Brevoortia patronus	Fallacia pygmaea
Brevoortia patronus	Diatoma
Brevoortia patronus	Cyclotella
Brevoortia patronus	Coscinodiscus
Brevoortia patronus	Coscinodiscus radiatus
Brevoortia patronus	Coscinodiscus granii
Brevoortia patronus	Coscinodiscus excentricus
Brevoortia patronus	Chaetoceros
Brevoortia patronus	Centrales
Brevoortia patronus	Asterionella japonica
Brevoortia patronus	Achnanthes
Brevoortia patronus	Planothidium hauckianum
Brevoortia patronus	Karayevia clevei
Bairdiella chrysoura	Plantae
Bairdiella chrysoura	Detritus
Bairdiella chrysoura	Archosargus probatocephalus
Bairdiella chrysoura	Mysidae
Bairdiella chrysoura	Gammaridae
Bairdiella chrysoura	Americamysis almyra
Bairdiella chrysoura	Cassinidea lunifrons
Bairdiella chrysoura	Callinectes sapidus
Leiostomus xanthurus	Deuterostomia
Archosargus probatocephalus	Actinopterygii
Hyporthodus nigritus	Pleocyemata

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Sarda sarda	Actinopterygii
Sarda sarda	Dendrobranchiata
Pomatomus saltatrix	Actinopterygii
Pomatomus saltatrix	Teuthida
Pomatomus saltatrix	Dendrobranchiata
Chaetodipterus faber	Deuterostomia
Chaetodipterus faber	Dendrobranchiata
Paralichthys lethostigma	Deuterostomia
Paralichthys lethostigma	Brevoortia
Istiophorus platypterus	Actinopterygii
Istiophorus platypterus	Brevoortia
Istiophorus platypterus	Teuthida
Istiophorus platypterus	Dendrobranchiata
Istiophorus platypterus	Pleocyemata
Scomberomorus maculatus	Deuterostomia
Scomberomorus maculatus	Brevoortia
Scomberomorus maculatus	Dendrobranchiata
Scomberomorus maculatus	Pleocyemata
Cynoscion	Deuterostomia
Cynoscion	Actinopterygii
Cynoscion	Teuthida
Cynoscion	Dendrobranchiata
Cynoscion	Pleocyemata
Cynoscion nebulosus	Deuterostomia
Cynoscion nebulosus	Teuthida
Cynoscion nebulosus	Pleocyemata
Menticirrhus	Deuterostomia
Menticirrhus	Actinopterygii
Menticirrhus	Brevoortia
Menticirrhus	Teuthida
Menticirrhus	Dendrobranchiata
Menticirrhus	Pleocyemata
Pogonias cromis	Deuterostomia
Sciaenops ocellatus	Deuterostomia
Sciaenops ocellatus	Teuthida
Coryphaena hippurus	Deuterostomia
Coryphaena hippurus	Actinopterygii
Coryphaena hippurus	Teuthida

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Coryphaena hippurus	Dendrobranchiata
Coryphaena hippurus	Pleocyemata
Lutjanus campechanus	Deuterostomia
Lutjanus campechanus	Actinopterygii
Lutjanus campechanus	Teuthida
Lutjanus campechanus	Dendrobranchiata
Lutjanus campechanus	Pleocyemata
Epinephelus itajara	Actinopterygii
Epinephelus itajara	Pleocyemata
Trachinotus carolinus	Deuterostomia
Trachinotus carolinus	Dendrobranchiata
Caranx hippos	Actinopterygii
Caranx hippos	Teuthida
Caranx hippos	Dendrobranchiata
Caranx hippos	Pleocyemata
Rachycentron canadum	Deuterostomia
Rachycentron canadum	Actinopterygii
Rachycentron canadum	Teuthida
Rachycentron canadum	Dendrobranchiata
Rachycentron canadum	Pleocyemata
Ariopsis felis	Deuterostomia
Ariopsis felis	Brevoortia
Ariopsis felis	Teuthida
Ariopsis felis	Dendrobranchiata
Ariopsis felis	Pleocyemata
Bagre marinus	Deuterostomia
Bagre marinus	Brevoortia
Bagre marinus	Teuthida
Megalops atlanticus	Deuterostomia
Megalops atlanticus	Actinopterygii
Megalops atlanticus	Brevoortia
Megalops atlanticus	Dendrobranchiata
Megalops atlanticus	Pleocyemata
Elops saurus	Deuterostomia
Elops saurus	Actinopterygii
Elops saurus	Teuthida
Elops saurus	Dendrobranchiata
Elops saurus	Pleocyemata

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Atractosteus spatula	Deuterostomia
Aetobatus narinari	Dendrobranchiata
Rhinoptera bonasus	Deuterostomia
Rhinoptera bonasus	Teuthida
Rhinoptera bonasus	Dendrobranchiata
Dasyatis sabina	Deuterostomia
Dasyatis sabina	Actinopterygii
Dasyatis sabina	Dendrobranchiata
Dasyatis sabina	Pleocyemata
Pristis pectinata	Actinopterygii
Pristis pectinata	Dendrobranchiata
Sphyrna tiburo	Actinopterygii
Sphyrna tiburo	Teuthida
Sphyrna tiburo	Dendrobranchiata
Sphyrna tiburo	Pleocyemata
Carcharhinus	Deuterostomia
Carcharhinus	Actinopterygii
Carcharhinus	Brevoortia
Carcharhinus	Teuthida
Carcharhinus	Dendrobranchiata
Carcharhinus	Pleocyemata
Scomberomorus cavalla	Invertebrata
Scomberomorus cavalla	Dendrobranchiata
Scomberomorus cavalla	Brevoortia
Scomberomorus cavalla	Pleocyemata
Scomberomorus cavalla	Synodontidae
Scomberomorus cavalla	Labridae
Scomberomorus cavalla	Eucinostomus
Scomberomorus cavalla	Syngnathidae
Scomberomorus cavalla	Scombridae
Scomberomorus cavalla	Electrona antarctica
Scomberomorus cavalla	Hemiramphidae
Scomberomorus cavalla	Decapoda
Scomberomorus cavalla	Carangidae
Scomberomorus cavalla	Callionymidae
Scomberomorus cavalla	Bothidae
Scomberomorus maculatus	Labridae
Scomberomorus maculatus	Engraulidae

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

<i>Scomberomorus maculatus</i>	Harengula
<i>Scomberomorus maculatus</i>	Nematoda
<i>Scomberomorus maculatus</i>	Gastropoda
<i>Scomberomorus maculatus</i>	Balistidae
<i>Scomberomorus maculatus</i>	Euphausiidae
<i>Scomberomorus maculatus</i>	Penaeidae
<i>Scomberomorus maculatus</i>	Amphipoda
<i>Scomberomorus maculatus</i>	Nudibranchia
<i>Scomberomorus maculatus</i>	Tetraodontidae
<i>Scomberomorus maculatus</i>	Bothidae
<i>Scomberomorus maculatus</i>	<i>Electrona antarctica</i>
<i>Scomberomorus maculatus</i>	Carangidae
<i>Opsanus beta</i>	Sediment
<i>Opsanus beta</i>	Clupeidae
<i>Opsanus beta</i>	<i>Callinectes sapidus</i>
<i>Opsanus beta</i>	Mysida
<i>Opsanus beta</i>	Annelida
<i>Sphoeroides parvus</i>	Sediment
<i>Sphoeroides parvus</i>	Tracheophyta
<i>Sphoeroides parvus</i>	Clupeidae
<i>Sphoeroides parvus</i>	Isopoda
<i>Sphoeroides parvus</i>	Ostracoda
<i>Gobiesox strumosus</i>	Isopoda
<i>Symphurus plagiusa</i>	Peracarida
<i>Symphurus plagiusa</i>	Detritus
<i>Symphurus plagiusa</i>	Nematoda
<i>Symphurus plagiusa</i>	Tracheophyta
<i>Symphurus plagiusa</i>	Clupeidae
<i>Symphurus plagiusa</i>	Ostracoda
<i>Symphurus plagiusa</i>	Arthropoda
<i>Trinectes maculatus</i>	Sediment
<i>Trinectes maculatus</i>	Detritus
<i>Trinectes maculatus</i>	Tracheophyta
<i>Trinectes maculatus</i>	Chlorophyta
<i>Trinectes maculatus</i>	Ostracoda
<i>Trinectes maculatus</i>	Annelida
<i>Achirus lineatus</i>	Sediment
<i>Achirus lineatus</i>	Detritus

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Achirus lineatus	Animalia
Achirus lineatus	Tracheophyta
Achirus lineatus	Insecta
Achirus lineatus	Peracarida
Achirus lineatus	Copepoda
Achirus lineatus	Arthropoda
Achirus lineatus	Polychaeta
Achirus lineatus	Nematoda
Citharichthys spilopterus	Peracarida
Citharichthys spilopterus	Sediment
Citharichthys spilopterus	Tracheophyta
Citharichthys spilopterus	Clupeidae
Citharichthys spilopterus	Palaemonidae
Citharichthys spilopterus	Penaeidae
Citharichthys spilopterus	Eucarida
Citharichthys spilopterus	Ostracoda
Citharichthys spilopterus	Crustacea
Citharichthys spilopterus	Arthropoda
Citharichthys spilopterus	Foraminiferida
Paralichthys lethostigma	Peracarida
Paralichthys lethostigma	Portunidae
Paralichthys lethostigma	Nematoda
Paralichthys lethostigma	Clupeidae
Paralichthys lethostigma	Palaemonidae
Paralichthys lethostigma	Ostracoda
Polydactylus octonemus	Brevoortia patronus
Astroscopus y-graecum	Osteichthyes
Prionotus tribulus	Mysida
Prionotus tribulus	Portunidae
Prionotus tribulus	Sediment
Prionotus tribulus	Detritus
Prionotus tribulus	Tracheophyta
Prionotus tribulus	Chlorophyta
Prionotus tribulus	Sparidae
Prionotus tribulus	Osteichthyes
Prionotus tribulus	Xanthidae
Prionotus tribulus	Callinectes sapidus
Prionotus tribulus	Palaemon

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Prionotus tribulus	Decapoda
Prionotus tribulus	Amphipoda
Prionotus tribulus	Isopoda
Prionotus tribulus	Copepoda
Prionotus tribulus	Crustacea
Prionotus tribulus	Nematoda
Gobiosoma bosc	Sediment
Gobiosoma bosc	Detritus
Gobiosoma bosc	Tracheophyta
Gobiosoma bosc	Mollusca
Gobiosoma bosc	Amphipoda
Gobiosoma bosc	Mysida
Gobiosoma bosc	Copepoda
Gobiosoma bosc	Crustacea
Gobiosoma bosc	Polychaeta
Ctenogobius shufeldti	Copepoda
Ctenogobius shufeldti	Polychaeta
Ctenogobius shufeldti	Sediment
Ctenogobius shufeldti	Ostracoda
Ctenogobius shufeldti	Tracheophyta
Gobionellus oceanicus	Sediment
Gobionellus oceanicus	Foraminiferida
Ctenogobius boleosoma	Detritus
Ctenogobius boleosoma	Isopoda
Ctenogobius boleosoma	Ostracoda
Gobioides	Tracheophyta
Gobioides	Detritus
Gobioides	Copepoda
Gobioides	Oligochaeta
Gobioides	Foraminiferida
Trichiurus lepturus	Ariidae
Trichiurus lepturus	Anchoa
Trichiurus lepturus	Crustacea
Chaetodipterus faber	Tracheophyta
Chaetodipterus faber	Sediment
Chaetodipterus faber	Chlorophyta
Chaetodipterus faber	Osteichthyes
Chaetodipterus faber	Insecta

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Chaetodipterus faber	Amphipoda
Chaetodipterus faber	Crustacea
Lagodon rhomboides	Tracheophyta
Lagodon rhomboides	Osteichthyes
Lagodon rhomboides	Nematoda
Stellifer lanceolatus	Isopoda
Stellifer lanceolatus	Chordata
Stellifer lanceolatus	Mysida
Stellifer lanceolatus	Peracarida
Micropogonias undulatus	Xanthidae
Micropogonias undulatus	Callinectes sapidus
Micropogonias undulatus	Portunidae
Micropogonias undulatus	Macrobrachium
Micropogonias undulatus	Farfantepenaeus aztecus
Micropogonias undulatus	Eucarida
Micropogonias undulatus	Isopoda
Micropogonias undulatus	Mysida
Micropogonias undulatus	Peracarida
Micropogonias undulatus	Malacostraca
Micropogonias undulatus	Arthropoda
Micropogonias undulatus	Nematoda
Micropogonias undulatus	Protozoa
Micropogonias undulatus	Tracheophyta
Micropogonias undulatus	Sediment
Micropogonias undulatus	Bothidae
Micropogonias undulatus	Mugilidae
Micropogonias undulatus	Micropogonias undulatus
Micropogonias undulatus	Leiostomus xanthurus
Micropogonias undulatus	Cynoscion
Micropogonias undulatus	Myrophis
Micropogonias undulatus	Ophichthidae
Micropogonias undulatus	Engraulidae
Micropogonias undulatus	Clupeidae
Micropogonias undulatus	Chordata
Leiostomus xanthurus	Tracheophyta
Leiostomus xanthurus	Crustacea
Leiostomus xanthurus	Protozoa
Leiostomus xanthurus	Sediment

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Leiostomus xanthurus	Animalia
Leiostomus xanthurus	Chordata
Leiostomus xanthurus	Gastropoda
Leiostomus xanthurus	Mollusca
Leiostomus xanthurus	Xanthidae
Leiostomus xanthurus	Portunidae
Leiostomus xanthurus	Eucarida
Leiostomus xanthurus	Mysida
Leiostomus xanthurus	Peracarida
Leiostomus xanthurus	Arthropoda
Leiostomus xanthurus	Annelida
Leiostomus xanthurus	Nematoda
Sciaenops ocellatus	Nematoda
Sciaenops ocellatus	Tracheophyta
Sciaenops ocellatus	Portunidae
Sciaenops ocellatus	Palaemonidae
Sciaenops ocellatus	Peracarida
Sciaenops ocellatus	Ostracoda
Bairdiella chrysoura	Peracarida
Bairdiella chrysoura	Ostracoda
Bairdiella chrysoura	Sediment
Bairdiella chrysoura	Tracheophyta
Bairdiella chrysoura	Myrophis punctatus
Bairdiella chrysoura	Chordata
Bairdiella chrysoura	Palaemonidae
Bairdiella chrysoura	Farfantepenaeus aztecus
Bairdiella chrysoura	Isopoda
Bairdiella chrysoura	Crustacea
Cynoscion nebulosus	Peracarida
Cynoscion nebulosus	Sediment
Cynoscion nebulosus	Tracheophyta
Cynoscion nebulosus	Chlorophyta
Cynoscion nebulosus	Leiostomus xanthurus
Cynoscion nebulosus	Callinectes sapidus
Cynoscion nebulosus	Palaemonidae
Cynoscion nebulosus	Eucarida
Cynoscion nebulosus	Ostracoda
Cynoscion nebulosus	Nematoda

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Cynoscion arenarius	Peracarida
Cynoscion arenarius	Palaemonidae
Cynoscion arenarius	Sediment
Cynoscion arenarius	Tracheophyta
Cynoscion arenarius	Chlorophyta
Cynoscion arenarius	Myrophis punctatus
Cynoscion arenarius	Osteichthyes
Cynoscion arenarius	Chordata
Cynoscion arenarius	Xanthidae
Cynoscion arenarius	Farfantepenaeus aztecus
Cynoscion arenarius	Eucarida
Cynoscion arenarius	Mysida
Cynoscion arenarius	Malacostraca
Cynoscion arenarius	Ostracoda
Cynoscion arenarius	Arthropoda
Cynoscion arenarius	Nematoda
Pogonias cromis	Isopoda
Pogonias cromis	Portunidae
Pogonias cromis	Peracarida
Pogonias cromis	Ophichthidae
Pogonias cromis	Brevoortia patronus
Pogonias cromis	Callinectes sapidus
Pogonias cromis	Penaeus
Pogonias cromis	Nematoda
Oligoplites saurus	Osteichthyes
Morone chrysops	Plantae
Morone chrysops	Xanthidae
Morone chrysops	Mysida
Syngnathus scovelli	Amphipoda
Syngnathus louisianae	Crustacea
Urophycis floridana	Amphipoda
Urophycis floridana	Brevoortia patronus
Urophycis floridana	Portunidae
Urophycis floridana	Penaeidae
Urophycis floridana	Nematoda
Fundulus similis	Xanthidae
Fundulus similis	Arthropoda
Fundulus grandis	Chordata

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Bagre marinus	Chordata
Bagre marinus	Palaemonidae
Bagre marinus	Sediment
Bagre marinus	Tracheophyta
Bagre marinus	Chlorophyta
Bagre marinus	Micropogonias undulatus
Bagre marinus	Anchoa
Bagre marinus	Mollusca
Bagre marinus	Portunidae
Bagre marinus	Macrobrachium
Bagre marinus	Palaemon
Bagre marinus	Farfantepenaeus aztecus
Bagre marinus	Penaeidae
Bagre marinus	Amphipoda
Bagre marinus	Cirripedia
Bagre marinus	Copepoda
Bagre marinus	Ostracoda
Bagre marinus	Crustacea
Bagre marinus	Oligochaeta
Bagre marinus	Polychaeta
Bagre marinus	Nematoda
Bagre marinus	Foraminiferida
Ariopsis felis	Chordata
Ariopsis felis	Palaemonidae
Ariopsis felis	Animalia
Ariopsis felis	Tracheophyta
Ariopsis felis	Amphipoda
Ariopsis felis	Ostracoda
Ariopsis felis	Sediment
Ariopsis felis	Detritus
Ariopsis felis	Chlorophyta
Ariopsis felis	Menidia
Ariopsis felis	Anchoa
Ariopsis felis	Gastropoda
Ariopsis felis	Mollusca
Ariopsis felis	Callinectes sapidus
Ariopsis felis	Portunidae
Ariopsis felis	Penaeidae

Appendix 7 - List of references, unique predators and prey, and unique interactions for Galveston Bay

Ariopsis felis	Eucarida
Ariopsis felis	Cirripedia
Ariopsis felis	Crustacea
Ariopsis felis	Polychaeta
Anchoa mitchilli	Penaeidae
Elops saurus	Cynoscion
Elops saurus	Anchoa mitchilli
Elops saurus	Brevoortia patronus
Lepisosteus osseus	Sparidae
Lepisosteus osseus	Myrophis punctatus
Lutjanus campechanus	Lagcocephalus laevigatus

Appendix 8

List of reference IDs accessed from GoMexSI on 10 September 2018, the number of and list of unique predators, prey, and species interactions for Matagorda Bay.

See attached PDF file: Appendix 8 – Matagorda Bay interaction data.

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

reference	predator	prey	List of unique interactions	
12	45	459	1084	
ACT_12D	Anas fulvigula	Abra aequalis	Lepidochelys kempii	Detritus
ACT_25M	Anatidae	Acartia tonsa	Lepidochelys kempii	Pleocymata
ACT_46M	Anchoa mitchilli	Achirus	Lepidochelys kempii	Dendrobranchiata
ACT_48M	Archosargus probatocephalus	Achnanthes	Lepidochelys kempii	Plantae
ACT_53M	Ariopsis felis	Actiniaria	Lepidochelys kempii	Actinopterygii
AVE_2G	Bagre marinus	Actinopterygii	Lepidochelys kempii	Mollusca
AVE_3G	Bairdiella chrysoura	Acutodesmus acuminatus	Lepidochelys kempii	Aluminum
AVE_3S	Branta	Alitta succinea	Lepidochelys kempii	Styrofoam
MAM_1W	Branta canadensis	Alophia drummondii	Lepidochelys kempii	Organic
MAM_2M	Branta hutchinsii	Alosa	Lepidochelys kempii	plastic
MOL_2M	Brevoortia patronus	Alosa pseudoharengus	Lepidochelys kempii	Dytiscidae
REP_2S	Carcharhinus leucas	Alpheus	Lepidochelys kempii	Virgularia
	Chen caerulescens	Aluminum	Lepidochelys kempii	Hydroidolina
	Crassostrea virginica	Ambrosia psilostachya	Lepidochelys kempii	Cnidaria
	Cynoscion arenarius	Americamysis almyra	Lepidochelys kempii	Mellita quinquiesperforata
	Cynoscion nebulosus	Americoliva sayana	Lepidochelys kempii	Sediment
	Cyprinodon variegatus	Amphipleura pellucida	Lepidochelys kempii	Leptogorgia setacea
	Dasyatis sabina	Amphipoda	Lepidochelys kempii	Chelonibia testudinaria
	Elops saurus	Amphiprora	Lepidochelys kempii	Annelida
	Epinephelus itajara	Amphora ovalis	Lepidochelys kempii	Diopatra cuprea
	Fundulus grandis	Anabaena	Lepidochelys kempii	Insecta
	Fundulus similis	Anchoa hepsetus	Lepidochelys kempii	Aves
	Grus canadensis	Anchoa mitchilli	Lepidochelys kempii	Physalia
	Kogia breviceps	Andropogon	Lepidochelys kempii	Litopenaeus setiferus
	Lagodon rhomboides	Anguilliformes	Lepidochelys kempii	Penaeidae
	Leiostomus xanthurus	Animalia	Lepidochelys kempii	Penaeus
	Lepidochelys kempii	Annelida	Lepidochelys kempii	Syringodium filiforme
	Lutjanus campechanus	Anomia	Lepidochelys kempii	Ulva
	Megalops atlanticus	Aphanocapsa	Lepidochelys kempii	Eichhornia
	Menidia beryllina	Arachnida	Lepidochelys kempii	Thalassia testudinum
	Menticirrhus americanus	Arca	Lepidochelys kempii	Magnoliopsida
	Micropogonias undulatus	Archosargus probatocephalus	Lepidochelys kempii	Chlorophyta
	Mugil cephalus	Arenaeus cribrarius	Lepidochelys kempii	Gracilaria
	Myliobatis freminvillei	Arenicola cristata	Lepidochelys kempii	Halodule wrightii
	Paralichthys lethostigma	Ariopsis felis	Lepidochelys kempii	Sargassum
	Pogonias cromis	Arthropoda	Lepidochelys kempii	Leiostomus xanthurus

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Pomatomus saltatrix	Asterionella	Lepidochelys kempii	Stellifer lanceolatus
Pristis pectinata	Asterionella japonica	Lepidochelys kempii	Gastropoda
Rachycentron canadum	Astyris lunata	Lepidochelys kempii	Pyrgocythara plicosa
Sciaenops ocellatus	Atrina	Lepidochelys kempii	Kurtziella
Scomberomorus cavalla	Aulacoseira distans	Lepidochelys kempii	Astyris lunata
Scomberomorus maculatus	Aves	Lepidochelys kempii	Boonea seminuda
Synodus foetens	Bacillaria paxillifer	Lepidochelys kempii	Chione cancellata
Trachinotus carolinus	Bacillariophyceae	Lepidochelys kempii	Corbula contracta
Tursiops truncatus	Bacillariophycidae	Lepidochelys kempii	Phrontis vibex
	Bacopa monnieri	Lepidochelys kempii	Terebra dislocata
	Balanus eburneus	Lepidochelys kempii	Stramonita haemastoma
	Belonidae	Lepidochelys kempii	Crepidula
	Biddulphia	Lepidochelys kempii	Cavolinia longirostris
	Bivalvia	Lepidochelys kempii	Recluzia rollandiana
	Blenniidae	Lepidochelys kempii	Abra aequalis
	Bolboschoenus robustus	Lepidochelys kempii	Americoliva sayana
	Boonea seminuda	Lepidochelys kempii	Dinocardium robustum
	Borrichia frutescens	Lepidochelys kempii	Litiopa melanostoma
	Bowmaniella brasiliensis	Lepidochelys kempii	Tagelus plebeius
	Brachidontes exustus	Lepidochelys kempii	Costoanachis avara
	Brachionus	Lepidochelys kempii	Donax variabilis
	Brasenia schreberi	Lepidochelys kempii	Mulinia lateralis
	Brevoortia	Lepidochelys kempii	Ischadium recurvum
	Brevoortia patronus	Lepidochelys kempii	Parvanachis obesa
	Bulla	Lepidochelys kempii	Atrina
	Calanoida	Lepidochelys kempii	Nuculana concentrica
	Calappa	Lepidochelys kempii	Neverita duplicata
	Caligus	Lepidochelys kempii	Bivalvia
	Callinectes	Lepidochelys kempii	Nassarius acutus
	Callinectes sapidus	Lepidochelys kempii	Pagurus
	Callinectes similis	Lepidochelys kempii	Persephona
	Callisia micrantha	Lepidochelys kempii	Ovalipes
	Caloneis	Lepidochelys kempii	Calappa
	Campylodiscus	Lepidochelys kempii	Callinectes similis
	Cancroidea	Lepidochelys kempii	Portunus gibbesii
	Caprellidae	Lepidochelys kempii	Hepatus
	Carex	Lepidochelys kempii	Libinia
	Caridea	Lepidochelys kempii	Callinectes sapidus

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Cassinidea lunifrons	Lepidochelys kempii	Cirripedia
Cavolinia longirostris	Lepidochelys kempii	Kurtziella limonitella
Centrales	Lepidochelys kempii	Menippe adina
Centropristis	Lepidochelys kempii	Isocheles wurdemanni
Cephalopoda	Lepidochelys kempii	Arenaeus cribrarius
Ceratophyllum demersum	Crassostrea virginica	Procentrum micans
Ceratopogonidae	Crassostrea virginica	Bacillariophyceae
Chaerophyllum	Crassostrea virginica	Aulacoseira distans
Chaetoceros	Crassostrea virginica	Synedra
Chaetoceros compressus	Crassostrea virginica	Synedra commutata
Chaetodipterus faber	Crassostrea virginica	Gyrosigma tenuissimum
Chelonibia testudinaria	Crassostrea virginica	Pleurosigma intermedium
Chione cancellata	Crassostrea virginica	Gyrosigma fasciola
Chironomidae	Crassostrea virginica	Amphora ovalis
Chloris	Crassostrea virginica	Navicula arenaria
Chlorophyceae	Crassostrea virginica	Navicula elliptica
Chlorophyta	Crassostrea virginica	Diploneis didyma
Chordata	Crassostrea virginica	Coscinodiscus excentricus
Chromista	Crassostrea virginica	Coscinodiscus lineatus
Chroococcus	Crassostrea virginica	Coscinodiscus crassus
Cirripedia	Crassostrea virginica	Melosira
Cirsium	Crassostrea virginica	Pyxilla
Cladium	Crassostrea virginica	Pleurosigma angulata
Clibanarius vittatus	Crassostrea virginica	Pleurosigma obscurum
Climacosphenia moniligera	Kogia breviceps	Detritus
Closteriopsis	Kogia breviceps	Teuthidia
Clupeidae	Anas fulvigula	Animalia
Cnidaria	Anas fulvigula	Crustacea
Cocconeis	Anas fulvigula	Insecta
Cocconeis placentula	Anas fulvigula	Gastropoda
Coleoptera	Anas fulvigula	Actinopterygii
Copepoda	Anas fulvigula	Plantae
Corbula contracta	Anas fulvigula	Nelumbo lutea
Corophium	Anas fulvigula	Cucurbita foetidissima
Corydalis	Anas fulvigula	Paspalum acuminatum
Coscinodiscus	Anas fulvigula	Euphorbia bicolor
Coscinodiscus crassus	Anas fulvigula	Diodia
Coscinodiscus excentricus	Anas fulvigula	Sacciolepis striata

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Coscinodiscus granii	Anas fulvigula	Proserpinaca
Coscinodiscus lineatus	Anas fulvigula	Eleocharis
Coscinodiscus radiatus	Anas fulvigula	Zea mays
Cosmarium	Anas fulvigula	Rhynchospora corniculata
Costoanachis avara	Anas fulvigula	Brasenia schreberi
Coullana canadensis	Anas fulvigula	Sagittaria graminea
Crangon	Anas fulvigula	Panicum
Craticula accomoda	Anas fulvigula	Schrankia
Craticula halophila	Anas fulvigula	Eleocharis cellulosa
Crepidula	Anas fulvigula	Setaria pumila
Crepidula plana	Anas fulvigula	Vigna luteola
Crucigenia	Anas fulvigula	Ceratophyllum demersum
Crustacea	Anas fulvigula	Najas guadalupensis
Ctenogobius smaragdus	Anas fulvigula	Potamogeton nodosus
Cucumis melo	Anas fulvigula	Stuckenia pectinata
Cucurbita foetidissima	Anas fulvigula	Nymphaea odorata
Cumacea	Anas fulvigula	Leersia oryzoides
Curculionidae	Anas fulvigula	Bolboschoenus robustus
Cyanobacteria	Anas fulvigula	Echinochloa walteri
Cyclopoida	Anas fulvigula	Ruppia maritima
Cyclotella	Anas fulvigula	Panicum dichotomiflorum
Cymbella	Anas fulvigula	Sesbania herbacea
Cynodon dactylon	Anas fulvigula	Cladium
Cynosciadium	Anas fulvigula	Eleocharis parvula
Cynoscion	Anas fulvigula	Najas
Cynoscion arenarius	Anas fulvigula	Ruppia
Cyperus	Anas fulvigula	Polygonum foliosum paludicola
Cyprinodon	Anas fulvigula	Schoenoplectus californicus
Cyprinodon variegatus	Anas fulvigula	Oryza sativa
Dactylococcopsis	Anas fulvigula	Cyprinodon variegatus
Decapoda	Anas fulvigula	Litopenaeus setiferus
Dendrobranchiata	Anas fulvigula	Chironomidae
Detritus	Anas fulvigula	Amphipoda
Diatoma	Anas fulvigula	Mollusca
Dinocardium robustum	Grus canadensis	Sand
Diodella teres	Grus canadensis	Detritus
Diodia	Grus canadensis	Coleoptera
Diopatra cuprea	Grus canadensis	Orthoptera

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Diploneis	Grus canadensis	Gastropoda
Diploneis didyma	Grus canadensis	Lepidoptera
Diptera	Grus canadensis	Sagittaria latifolia
Distichlis spicata	Grus canadensis	Oxalis drummondii
Donax variabilis	Grus canadensis	Callisia micrantha
Dorosoma cepedianum	Grus canadensis	Quercus
Dyspanopeus texanus	Grus canadensis	Alophia drummondii
Dytiscidae	Grus canadensis	Sorghum bicolor
Echinochloa colona	Grus canadensis	Nymphaea elegans
Echinochloa walteri	Grus canadensis	Cyperus
Edotia triloba	Chen caerulescens	Oryza sativa
Eichhornia	Chen caerulescens	Eleocharis quadrangulata
Eleocharis	Chen caerulescens	Juncus
Eleocharis cellulosa	Chen caerulescens	Bolboschoenus robustus
Eleocharis parvula	Chen caerulescens	Distichlis spicata
Eleocharis quadrangulata	Branta	Oryza sativa
Ephemeroptera	Branta	Cynodon dactylon
Eragrostis	Branta	Juncus
Ergasilus	Anatidae	Ipomoea batatas
Euceramus	Anatidae	Spartina alterniflora
Eucinostomus gula	Anatidae	Vaccinium
Euglena	Anatidae	Borrchia frutescens
Euphorbia bicolor	Anatidae	Distichlis spicata
Eurypanopeus	Anatidae	Pisum sativum
Eurypanopeus depressus	Anatidae	Actinopterygii
Eurytemora	Anatidae	Detritus
Eurytemora hirundoides	Anatidae	Plantae
Fallacia pygmaea	Anatidae	Corydalis
Farfantepenaeus aztecus	Anatidae	Medicago polymorpha
Farfantepenaeus duorarum	Anatidae	Geranium
fecal pellets	Anatidae	Diodella teres
Festuca	Anatidae	Iva
Foraminiferida	Anatidae	Sporobolus
Formicidae	Anatidae	Chloris
Forminifera	Anatidae	Oxalis
Fragilaria	Anatidae	Echinochloa colona
Fragilaria brevistriata	Anatidae	Cyperus
Fragilaria crotonensis	Anatidae	Cucumis melo

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Fundulus grandis	Anatidae	Ambrosia psilostachya
Fundulus similis	Anatidae	Ipomoea
Gammaridae	Anatidae	Sorghum halepense
Gammarus mucronatus	Anatidae	Cynoscium
Gastropoda	Anatidae	Polygonum
Geissleria thingvallae	Anatidae	Chaerophyllum
Geranium	Anatidae	Chlorophyta
Gerreidae	Anatidae	Heliotropium indicum
Gobiidae	Anatidae	Cynodon dactylon
Gobionellus	Anatidae	Paspalum
Gracilaria	Anatidae	Lathyrus pusillus
Grammatophora	Anatidae	Bacopa monnieri
Gryllidae	Anatidae	Rumex acetosella
Guinardia flaccida	Anatidae	Panicum
Gymnodinium	Anatidae	Spartina
Gyrosigma	Anatidae	Linum usitatissimum
Gyrosigma acuminatum	Anatidae	Nasturtium officinal
Gyrosigma fasciola	Anatidae	Sorghum bicolor
Gyrosigma tenuissimum	Anatidae	Zea mays
Halodule wrightii	Anatidae	Oryza sativa
Harpacticoida	Anatidae	Cirsium
Heliotropium indicum	Anatidae	Plantago
Hepatus	Anatidae	Verbenaceae
Heteranomia squamula	Anatidae	Oenothera speciosa
Hippocampus	Anatidae	Monanthochloe littoralis
Hippolyte	Anatidae	Salicornia bigelovii
Hippolytidae	Chen caerulescens	Sporobolus
Hydrachnidia	Chen caerulescens	Setaria
Hydroidolina	Chen caerulescens	Panicum
Hymenomonas	Chen caerulescens	Eragrostis
Iliacantha	Chen caerulescens	Festuca
Insecta	Chen caerulescens	Paspalum
Ipomoea	Chen caerulescens	Andropogon
Ipomoea batatas	Chen caerulescens	Cyperus
Ischadium recurvum	Chen caerulescens	Carex
Isocheles wurdemanni	Chen caerulescens	Polygonum
Isopoda	Chen caerulescens	Typha angustifolia
Iva	Chen caerulescens	Schoenoplectus pungens pungens

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Juncus	Chen caerulescens	Spartina
Karayevia clevei	Chen caerulescens	Spartina alterniflora
Khakista	Chen caerulescens	Phragmites australis
Kirchneriella	Branta hutchinsii	Vaccinium
Kurtziella	Branta canadensis	Vaccinium
Kurtziella limonitella	Branta canadensis	Paspalum
Labidocera aestiva	Branta canadensis	Bacopa monnieri
Laevicardium	Branta canadensis	Cynodon dactylon
Lagodon rhomboides	Tursiops truncatus	Actinopterygii
Lathyrus pusillus	Tursiops truncatus	Animalia
Lavonica	Tursiops truncatus	Insecta
Leersia oryzoides	Synodus foetens	Actinopterygii
Leiostomus xanthurus	Synodus foetens	Detritus
Lepidoptera	Synodus foetens	Penaeus
Leptocheilia	Synodus foetens	Farfantepenaeus aztecus
Leptogorgia setacea	Cynoscion arenarius	Detritus
Libinia	Cynoscion arenarius	Copepoda
Libinia dubia	Cynoscion arenarius	Mysidae
Licmophora	Cynoscion arenarius	Penaeus
Linum usitatissimum	Cynoscion arenarius	Actinopterygii
Litiopa melanostoma	Cynoscion arenarius	Crustacea
Litopenaeus setiferus	Cynoscion arenarius	Farfantepenaeus aztecus
Littorina	Paralichthys lethostigma	Actinopterygii
Loligo	Paralichthys lethostigma	Mysidae
Lolliguncula brevis	Paralichthys lethostigma	Plantae
Lucania parva	Paralichthys lethostigma	Crustacea
Lutjanus campechanus	Paralichthys lethostigma	Caridea
Macoma	Paralichthys lethostigma	Amphipoda
Macrobrachium	Paralichthys lethostigma	Penaeus
Magnoliopsida	Paralichthys lethostigma	Litopenaeus setiferus
Martyana martyi	Paralichthys lethostigma	Farfantepenaeus aztecus
Mastogloia	Fundulus grandis	Detritus
Medicago polymorpha	Fundulus grandis	Insecta
Mellita quinquiesperforata	Fundulus grandis	Caridea
Melosira	Fundulus grandis	Copepoda
Menidia beryllina	Fundulus grandis	Amphipoda
Menippe adina	Fundulus grandis	Plantae
Menticirrhus	Fundulus grandis	Tanaidae

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Merismopedia	Bairdiella chrysourea	Crustacea
Micropogonias undulatus	Bairdiella chrysourea	Detritus
Mitrella lunata	Bairdiella chrysourea	Copepoda
Molinia	Bairdiella chrysourea	Farfantepenaeus aztecus
Mollusca	Bairdiella chrysourea	Mysidae
Monanthochloe littoralis	Bairdiella chrysourea	Tanaidae
Mugil cephalus	Bairdiella chrysourea	Isopoda
Mulinia lateralis	Bairdiella chrysourea	Amphipoda
Myomenippe	Bairdiella chrysourea	Penaeus
Myrophis	Micropogonias undulatus	Detritus
Mysidae	Micropogonias undulatus	Annelida
Mysidopsis	Micropogonias undulatus	Caridea
Mytilopsis leucophaeata	Micropogonias undulatus	Plantae
Najas	Micropogonias undulatus	Copepoda
Najas guadalupensis	Micropogonias undulatus	Mysidae
Nassarius acutus	Micropogonias undulatus	Amphipoda
Nasturtium officinal	Micropogonias undulatus	Penaeus
Navicula	Micropogonias undulatus	Actinopterygii
Navicula arenaria	Micropogonias undulatus	Crustacea
Navicula elliptica	Lagodon rhomboides	Detritus
Navicula radiosa	Lagodon rhomboides	Plantae
Navicula rhynchocephala	Lagodon rhomboides	Annelida
Neidium	Lagodon rhomboides	Crustacea
Nelumbo lutea	Lagodon rhomboides	Copepoda
Nematoda	Lagodon rhomboides	Amphipoda
Nemertea	Lagodon rhomboides	Tanaidae
Nereididae	Lagodon rhomboides	Mysidae
Nereis pelagica	Lagodon rhomboides	Farfantepenaeus aztecus
Neritina	Lagodon rhomboides	Actinopterygii
Neverita duplicata	Lagodon rhomboides	Pleocyemata
Nitzschia	Lagodon rhomboides	Penaeus
Nitzschia closterium	Leiostomus xanthurus	Detritus
Nostoc	Leiostomus xanthurus	Plantae
Nuculana concentrica	Leiostomus xanthurus	Annelida
Nymphaea elegans	Leiostomus xanthurus	Copepoda
Nymphaea odorata	Leiostomus xanthurus	Amphipoda
Odonata	Leiostomus xanthurus	Cumacea
Oenothera speciosa	Leiostomus xanthurus	Mysidae

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Ogyrides	Cynoscion nebulosus	Caridea
Oithona	Cynoscion nebulosus	Mysidae
Oligoplites saurus	Cynoscion nebulosus	Plantae
Oliva sayana	Cynoscion nebulosus	Farfantepenaeus aztecus
Opephora	Cynoscion nebulosus	Detritus
Ophichthidae	Cynoscion nebulosus	Actinopterygii
Ophichthus	Cynoscion nebulosus	Amphipoda
Organic	Sciaenops ocellatus	Detritus
Orthopristis chrysoptera	Sciaenops ocellatus	Plantae
Orthoptera	Sciaenops ocellatus	Teuthida
Oryza sativa	Sciaenops ocellatus	Annelida
Oscillatoria	Sciaenops ocellatus	Squilla
Ostracoda	Sciaenops ocellatus	Ctenogobius smaragdus
Ostrea	Sciaenops ocellatus	Teleostei
Ostreoida	Sciaenops ocellatus	Sciaenidae
Ovalipes	Sciaenops ocellatus	Actinopterygii
Oxalis	Sciaenops ocellatus	Portunidae
Oxalis drummondii	Sciaenops ocellatus	Pleocyemata
Pagurus	Sciaenops ocellatus	Penaeidae
Palaemon	Sciaenops ocellatus	Palaemonetes
Palaemonetes	Sciaenops ocellatus	Decapoda
Palaemonetes pugio	Cynoscion nebulosus	Heteranomia squamula
Palaemonidae	Cynoscion nebulosus	Teuthida
Palmeria hardmaniana	Cynoscion nebulosus	Nereididae
Panicum	Cynoscion nebulosus	Isopoda
Panicum dichotomiflorum	Cynoscion nebulosus	Gobiidae
Paralichthys lethostigma	Cynoscion nebulosus	Synodus foetens
Parapaguridae	Cynoscion nebulosus	Scaridae
Parvanachis obesa	Cynoscion nebulosus	Cyprinodon variegatus
Paspalum	Cynoscion nebulosus	Gerreidae
Paspalum acuminatum	Cynoscion nebulosus	Portunidae
Penaeidae	Cynoscion nebulosus	Copepoda
Penaeus	Cynoscion nebulosus	Penaeidae
Peprilus alepidotus	Cynoscion nebulosus	Palaemonetes
Peprilus triacanthus	Cynoscion nebulosus	Decapoda
Persephona	Cynoscion nebulosus	Tozeuma
Phragmites australis	Trachinotus carolinus	Actinopterygii
Phrontis vibex	Trachinotus carolinus	Pleocyemata

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Physalia	Trachinotus carolinus	Decapoda
Pinnotheres	Megalops atlanticus	Chlorophyta
Pisum sativum	Megalops atlanticus	Callinectes sapidus
Planothidium hauckianum	Sciaenops ocellatus	Gryllidae
Plantae	Sciaenops ocellatus	Thalassia testudinum
Plantago	Sciaenops ocellatus	Scolecopsis squamata
plastic	Sciaenops ocellatus	Gastropoda
Pleocyemata	Sciaenops ocellatus	Chlorophyta
Pleocymata	Sciaenops ocellatus	Isopoda
Pleuronectes	Sciaenops ocellatus	Mollusca
Pleuronectiformes	Sciaenops ocellatus	Loligo
Pleurosigma	Sciaenops ocellatus	Ostreoida
Pleurosigma angulata	Sciaenops ocellatus	Anguilliformes
Pleurosigma intermedium	Sciaenops ocellatus	Hippocampus
Pleurosigma obscurum	Sciaenops ocellatus	Fundulus similis
Poecilia	Sciaenops ocellatus	Synodus foetens
Polychaeta	Sciaenops ocellatus	Anchoa hepsetus
Polydactylus octonemus	Sciaenops ocellatus	Blenniidae
Polygonum	Sciaenops ocellatus	Ariopsis felis
Polygonum foliosum paludicola	Sciaenops ocellatus	Syngnathidae
Portunidae	Sciaenops ocellatus	Lagodon rhomboides
Portunus gibbesii	Sciaenops ocellatus	Gobionellus
Potamogeton nodosus	Sciaenops ocellatus	Poecilia
Prorocentrum	Sciaenops ocellatus	Brevoortia
Prorocentrum micans	Sciaenops ocellatus	Orthopristis chrysoptera
Proserpinaca	Sciaenops ocellatus	Pleuronectiformes
Protopteridium	Sciaenops ocellatus	Eucinostomus gula
Protozoa	Sciaenops ocellatus	Menidia beryllina
Pseudodiaptomus coronatus	Sciaenops ocellatus	Callinectes
Pseudo-nitzschia pungens	Sciaenops ocellatus	Parapaguridae
Pyrgocythara plicosa	Sciaenops ocellatus	Libinia dubia
Pyrrophytophyta	Sciaenops ocellatus	Myomenippe
Pyxilla	Sciaenops ocellatus	Callinectes sapidus
Quercus	Sciaenops ocellatus	Farfantepenaeus duorarum
Rangia cuneata	Sciaenops ocellatus	Farfantepenaeus aztecus
Recluzia rollandiana	Sciaenops ocellatus	Crangon
Rhynchospora corniculata	Scomberomorus maculatus	Detritus
Rumex acetosella	Scomberomorus maculatus	Actinopterygii

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Ruppia	Scomberomorus maculatus	Clupeidae
Ruppia maritima	Scomberomorus maculatus	Chaetodipterus faber
Sacciolepis striata	Scomberomorus maculatus	Peprilus triacanthus
Sagittaria graminea	Scomberomorus maculatus	Anchoa hepsetus
Sagittaria latifolia	Scomberomorus maculatus	Sciaenidae
Salicornia bigelovii	Scomberomorus maculatus	Pleuronectiformes
Sand	Scomberomorus maculatus	Menidia beryllina
Sargassum	Scomberomorus maculatus	Brevoortia
Scaridae	Scomberomorus maculatus	Mugil cephalus
Scenedesmus	Scomberomorus maculatus	Pleocyemata
Scenedesmus quadricauda	Scomberomorus maculatus	Eurypanopeus
Schoenoplectus californicus	Scomberomorus maculatus	Callinectes
Schoenoplectus pungens pungens	Scomberomorus maculatus	Decapoda
Schrankia	Scomberomorus maculatus	Squilla
Sciaenidae	Scomberomorus maculatus	Farfantepenaeus duorarum
Scolecopsis squamata	Scomberomorus maculatus	Penaeidae
Scorpaena russula	Scomberomorus maculatus	Palaemonetes
Sediment	Scomberomorus maculatus	Litopenaeus setiferus
Serpulidae	Scomberomorus maculatus	Crangon
Sesbania herbacea	Scomberomorus maculatus	Farfantepenaeus aztecus
Setaria	Synodus foetens	Pleuronectiformes
Setaria pumila	Synodus foetens	Pleuronectes
Sicyonia dorsalis	Synodus foetens	Decapoda
Silt	Scomberomorus cavalla	Sciaenidae
Skeletonema costatum	Scomberomorus cavalla	Peprilus triacanthus
Sorghum bicolor	Scomberomorus cavalla	Penaeidae
Sorghum halepense	Scomberomorus cavalla	Orthopristis chrysoptera
Spartina	Scomberomorus cavalla	Oligoplites saurus
Spartina alterniflora	Scomberomorus cavalla	Mugil cephalus
Sporobolus	Scomberomorus cavalla	Micropogonias undulatus
Squilla	Scomberomorus cavalla	Menidia beryllina
Staurosira construens	Scomberomorus cavalla	Loligo
Stellifer lanceolatus	Scomberomorus cavalla	Farfantepenaeus aztecus
Stephanolepis hispidus	Scomberomorus cavalla	Cynoscion arenarius
Stichosiphon	Scomberomorus cavalla	Clupeidae
Stramonita haemastoma	Scomberomorus cavalla	Caridea
Stuckenia pectinata	Scomberomorus cavalla	Brevoortia
Styrofoam	Scomberomorus cavalla	Annelida

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Surirella	Scomberomorus cavalla	Actinopterygii
Symphurus plagiusa	Rachycentron canadum	Oliva sayana
Synedra	Rachycentron canadum	Actinopterygii
Synedra commutata	Rachycentron canadum	Synodus foetens
Syngnathidae	Rachycentron canadum	Ariopsis felis
Synodus foetens	Rachycentron canadum	Peprilus alepidotus
Syringodium filiforme	Rachycentron canadum	Pleocyemata
Tabellaria fenestrata	Rachycentron canadum	Callinectes
Tabularia fasciculata	Rachycentron canadum	Penaeidae
Tagelus	Pomatomus saltatrix	Actinopterygii
Tagelus plebeius	Pomatomus saltatrix	Anguilliformes
Tanaidae	Pomatomus saltatrix	Decapoda
Taphromysis louisianae	Pristis pectinata	Actinopterygii
Teleostei	Paralichthys lethostigma	Pleocyemata
Telmatogetoninae	Paralichthys lethostigma	Decapoda
Terebellidae	Paralichthys lethostigma	Penaeidae
Terebra dislocata	Epinephelus itajara	Ariopsis felis
Tetraedron	Pogonias cromis	Detritus
Teuthida	Pogonias cromis	Chlorophyta
Teuthidia	Pogonias cromis	Plantae
Thalassia testudinum	Pogonias cromis	Annelida
Thalassionema frauenfeldii	Pogonias cromis	Mollusca
Thalassionema nitzschioides	Pogonias cromis	Donax variabilis
Thalassiosira	Pogonias cromis	Bulla
Thalassiothrix	Pogonias cromis	Molinia
Tozeuma	Pogonias cromis	Venus
Tozeuma carolinense	Pogonias cromis	Ostreoida
Trichiurus lepturus	Pogonias cromis	Tagelus
Trichoptera	Pogonias cromis	Actinopterygii
Tryblionella apiculata	Pogonias cromis	Cyprinodon
Tryblionella compressa	Pogonias cromis	Lagodon rhomboides
Typha angustifolia	Pogonias cromis	Pleocyemata
Uca	Pogonias cromis	Callinectes sapidus
Ulva	Pogonias cromis	Callinectes
Upeneus	Pogonias cromis	Decapoda
Vaccinium	Pogonias cromis	Penaeidae
Venus	Pogonias cromis	Farfantepenaeus aztecus
Verbenaceae	Myliobatis freminvillei	Actinopterygii

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Vigna luteola	Menticirrhus americanus	Actinopterygii
Virgularia	Menticirrhus americanus	Pleuronectiformes
Westella botryoides	Menticirrhus americanus	Menidia beryllina
Xanthidae	Menticirrhus americanus	Myrophis
Zea mays	Menticirrhus americanus	Pleocyemata
	Menticirrhus americanus	Myomenippe
	Menticirrhus americanus	Decapoda
	Menticirrhus americanus	Squilla
	Menticirrhus americanus	Crangon
	Menticirrhus americanus	Penaeidae
	Menticirrhus americanus	Litopenaeus setiferus
	Menticirrhus americanus	Farfantepenaeus aztecus
	Lutjanus campechanus	Detritus
	Lutjanus campechanus	Isopoda
	Lutjanus campechanus	Mollusca
	Lutjanus campechanus	Cephalopoda
	Lutjanus campechanus	Actinopterygii
	Lutjanus campechanus	Gobionellus
	Lutjanus campechanus	Lutjanus campechanus
	Lutjanus campechanus	Upeneus
	Lutjanus campechanus	Scorpaena russula
	Lutjanus campechanus	Cynoscion
	Lutjanus campechanus	Ophichthus
	Lutjanus campechanus	Ophichthidae
	Lutjanus campechanus	Menticirrhus
	Lutjanus campechanus	Synodus foetens
	Lutjanus campechanus	Centropristis
	Lutjanus campechanus	Pleocyemata
	Lutjanus campechanus	Callinectes
	Lutjanus campechanus	Iliacantha
	Lutjanus campechanus	Uca
	Lutjanus campechanus	Decapoda
	Lutjanus campechanus	Litopenaeus setiferus
	Lutjanus campechanus	Farfantepenaeus duorarum
	Lutjanus campechanus	Penaeidae
	Lutjanus campechanus	Squilla
	Lutjanus campechanus	Farfantepenaeus aztecus
	Ariopsis felis	Lavonica

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Ariopsis felis	Actinopterygii
Ariopsis felis	Callinectes
Ariopsis felis	Crustacea
Ariopsis felis	Farfantepenaeus duorarum
Ariopsis felis	Penaeidae
Elops saurus	Actinopterygii
Elops saurus	Menidia beryllina
Elops saurus	Ariopsis felis
Elops saurus	Decapoda
Elops saurus	Farfantepenaeus aztecus
Dasyatis sabina	Bivalvia
Dasyatis sabina	Chlorophyta
Dasyatis sabina	Actinopterygii
Cynoscion nebulosus	Scolecipis squamata
Cynoscion nebulosus	Nematoda
Cynoscion nebulosus	Lavonica
Cynoscion nebulosus	Chlorophyta
Cynoscion nebulosus	Mollusca
Cynoscion nebulosus	Arca
Cynoscion nebulosus	Anomia
Cynoscion nebulosus	Balanus eburneus
Cynoscion nebulosus	Littorina
Cynoscion nebulosus	Ostrea
Cynoscion nebulosus	Clupeidae
Cynoscion nebulosus	Alosa
Cynoscion nebulosus	Stephanolepis hispidus
Cynoscion nebulosus	Anguilliformes
Cynoscion nebulosus	Sciaenidae
Cynoscion nebulosus	Gobionellus
Cynoscion nebulosus	Pleuronectiformes
Cynoscion nebulosus	Symphurus plagiusa
Cynoscion nebulosus	Belonidae
Cynoscion nebulosus	Ariopsis felis
Cynoscion nebulosus	Blenniidae
Cynoscion nebulosus	Orthopristis chrysoptera
Cynoscion nebulosus	Anchoa hepsetus
Cynoscion nebulosus	Lagodon rhomboides
Cynoscion nebulosus	Cyprinodon

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Cynoscion nebulosus	Eucinostomus gula
Cynoscion nebulosus	Mugil cephalus
Cynoscion nebulosus	Menidia beryllina
Cynoscion nebulosus	Brevoortia
Cynoscion nebulosus	Pleocyemata
Cynoscion nebulosus	Eurypanopeus
Cynoscion nebulosus	Callinectes
Cynoscion nebulosus	Myomenippe
Cynoscion nebulosus	Parapaguridae
Cynoscion nebulosus	Callinectes sapidus
Cynoscion nebulosus	Sicyonia dorsalis
Cynoscion nebulosus	Squilla
Cynoscion nebulosus	Macrobrachium
Cynoscion nebulosus	Farfantepenaeus duorarum
Cynoscion nebulosus	Crangon
Cynoscion nebulosus	Litopenaeus setiferus
Carcharhinus leucas	Alosa pseudoharengus
Bagre marinus	Detritus
Bagre marinus	Lavonica
Bagre marinus	Actinopterygii
Bagre marinus	Clupeidae
Bagre marinus	Trichiurus lepturus
Bagre marinus	Mugil cephalus
Bagre marinus	Lagodon rhomboides
Bagre marinus	Sciaenidae
Bagre marinus	Anchoa hepsetus
Bagre marinus	Menidia beryllina
Bagre marinus	Pleuronectiformes
Bagre marinus	Achirus
Bagre marinus	Paralichthys lethostigma
Bagre marinus	Pleocyemata
Bagre marinus	Cancroidea
Bagre marinus	Persephona
Bagre marinus	Libinia dubia
Bagre marinus	Eurypanopeus
Bagre marinus	Callinectes
Bagre marinus	Callinectes sapidus
Bagre marinus	Decapoda

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Bagre marinus	Farfantepenaeus duorarum
Bagre marinus	Penaeidae
Bagre marinus	Squilla
Bagre marinus	Farfantepenaeus aztecus
Bagre marinus	Hippolytidae
Archosargus probatocephalus	Chlorophyta
Archosargus probatocephalus	Mollusca
Archosargus probatocephalus	Actinopterygii
Archosargus probatocephalus	Uca
Archosargus probatocephalus	Decapoda
Fundulus grandis	Sand
Fundulus grandis	fecal pellets
Fundulus grandis	Actinopterygii
Fundulus grandis	Fundulus grandis
Fundulus grandis	Telmatogetoninae
Fundulus grandis	Decapoda
Fundulus grandis	Isopoda
Fundulus grandis	Harpacticoida
Fundulus grandis	Gammaridae
Fundulus grandis	Formicidae
Fundulus grandis	Diptera
Fundulus grandis	Curculionidae
Fundulus grandis	Pleocyemata
Fundulus grandis	Caprellidae
Fundulus grandis	Arachnida
Fundulus grandis	Palaemonetes
Fundulus grandis	Palaemonetes pugio
Fundulus grandis	Leptochelia
Fundulus grandis	Gammarus mucronatus
Fundulus grandis	Corophium
Fundulus grandis	Clibanarius vittatus
Fundulus grandis	Callinectes sapidus
Fundulus grandis	Alpheus
Fundulus grandis	Crepidula plana
Fundulus grandis	Polychaeta
Fundulus grandis	Nereididae
Fundulus grandis	Alitta succinea
Fundulus grandis	Nereis pelagica

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Fundulus grandis	Nemertea
Fundulus grandis	Chlorophyta
Fundulus grandis	Cyanobacteria
Fundulus grandis	Khakista
Cyprinodon variegatus	Plantae
Cyprinodon variegatus	Sand
Cyprinodon variegatus	Detritus
Cyprinodon variegatus	fecal pellets
Cyprinodon variegatus	Actinopterygii
Cyprinodon variegatus	Tanaidae
Cyprinodon variegatus	Ostracoda
Cyprinodon variegatus	Insecta
Cyprinodon variegatus	Harpacticoida
Cyprinodon variegatus	Gammaridae
Cyprinodon variegatus	Cyclopoida
Cyprinodon variegatus	Calanoida
Cyprinodon variegatus	Cirripedia
Cyprinodon variegatus	Nereididae
Cyprinodon variegatus	Foraminiferida
Cyprinodon variegatus	Chlorophyta
Cyprinodon variegatus	Cyanobacteria
Cyprinodon variegatus	Khakista
Lagodon rhomboides	Sand
Lagodon rhomboides	fecal pellets
Lagodon rhomboides	Decapoda
Lagodon rhomboides	Serpulidae
Lagodon rhomboides	Isopoda
Lagodon rhomboides	Harpacticoida
Lagodon rhomboides	Gammaridae
Lagodon rhomboides	Coleoptera
Lagodon rhomboides	Calanoida
Lagodon rhomboides	Cirripedia
Lagodon rhomboides	Pseudodiaptomus coronatus
Lagodon rhomboides	Palaemonetes
Lagodon rhomboides	Oithona
Lagodon rhomboides	Ogyrides
Lagodon rhomboides	Mysidopsis
Lagodon rhomboides	Americamysis almyra

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Lagodon rhomboides	Labidocera aestiva
Lagodon rhomboides	Hippolyte
Lagodon rhomboides	Gammarus mucronatus
Lagodon rhomboides	Eurytemora hirundoides
Lagodon rhomboides	Eurypanopeus depressus
Lagodon rhomboides	Corophium
Lagodon rhomboides	Cassidinidea lunifrons
Lagodon rhomboides	Callinectes sapidus
Lagodon rhomboides	Acartia tonsa
Lagodon rhomboides	Bivalvia
Lagodon rhomboides	Laevicardium
Lagodon rhomboides	Mytilopsis leucophaeata
Lagodon rhomboides	Polychaeta
Lagodon rhomboides	Nereididae
Lagodon rhomboides	Alitta succinea
Lagodon rhomboides	Actiniaria
Lagodon rhomboides	Foraminiferida
Lagodon rhomboides	Chlorophyta
Lagodon rhomboides	Cyanobacteria
Leiostomus xanthurus	Sand
Leiostomus xanthurus	fecal pellets
Leiostomus xanthurus	Actinopterygii
Leiostomus xanthurus	Brevoortia patronus
Leiostomus xanthurus	Tanaidae
Leiostomus xanthurus	Telmatogetoninae
Leiostomus xanthurus	Decapoda
Leiostomus xanthurus	Ostracoda
Leiostomus xanthurus	Odonata
Leiostomus xanthurus	Isopoda
Leiostomus xanthurus	Insecta
Leiostomus xanthurus	Harpacticoida
Leiostomus xanthurus	Gammaridae
Leiostomus xanthurus	Cyclopoida
Leiostomus xanthurus	Ceratopogonidae
Leiostomus xanthurus	Calanoida
Leiostomus xanthurus	Cirripectida
Leiostomus xanthurus	Coullana canadensis
Leiostomus xanthurus	Pseudodiaptomus coronatus

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Leiostomus xanthurus	Penaeidae
Leiostomus xanthurus	Americamysis almyra
Leiostomus xanthurus	Leptocheilia
Leiostomus xanthurus	Labidocera aestiva
Leiostomus xanthurus	Gammarus mucronatus
Leiostomus xanthurus	Eurytemora hirundoides
Leiostomus xanthurus	Corophium
Leiostomus xanthurus	Callinectes sapidus
Leiostomus xanthurus	Bowmaniella brasiliensis
Leiostomus xanthurus	Acartia tonsa
Leiostomus xanthurus	Bivalvia
Leiostomus xanthurus	Rangia cuneata
Leiostomus xanthurus	Macoma
Leiostomus xanthurus	Terebellidae
Leiostomus xanthurus	Polychaeta
Leiostomus xanthurus	Nereididae
Leiostomus xanthurus	Alitta succinea
Leiostomus xanthurus	Nemertea
Leiostomus xanthurus	Foraminiferida
Leiostomus xanthurus	Cyanobacteria
Leiostomus xanthurus	Khakista
Leiostomus xanthurus	Coscinodiscus
Micropogonias undulatus	Sand
Micropogonias undulatus	fecal pellets
Micropogonias undulatus	Anchoa mitchilli
Micropogonias undulatus	Telmatogetoninae
Micropogonias undulatus	Tanaidae
Micropogonias undulatus	Decapoda
Micropogonias undulatus	Ostracoda
Micropogonias undulatus	Insecta
Micropogonias undulatus	Harpacticoida
Micropogonias undulatus	Gammaridae
Micropogonias undulatus	Diptera
Micropogonias undulatus	Cyclopoida
Micropogonias undulatus	Pleocyemata
Micropogonias undulatus	Chironomidae
Micropogonias undulatus	Coullana canadensis
Micropogonias undulatus	Pseudodiaptomus coronatus

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Micropogonias undulatus	Penaeidae
Micropogonias undulatus	Litopenaeus setiferus
Micropogonias undulatus	Palaemonetes
Micropogonias undulatus	Palaemonetes pugio
Micropogonias undulatus	Ogyrides
Micropogonias undulatus	Dyspanopeus texanus
Micropogonias undulatus	Mysidopsis
Micropogonias undulatus	Americamysis almyra
Micropogonias undulatus	Leptochelia
Micropogonias undulatus	Labidocera aestiva
Micropogonias undulatus	Gammarus mucronatus
Micropogonias undulatus	Eurytemora
Micropogonias undulatus	Eurytemora hirundooides
Micropogonias undulatus	Corophium
Micropogonias undulatus	Caligus
Micropogonias undulatus	Bowmaniella brasiliensis
Micropogonias undulatus	Acartia tonsa
Micropogonias undulatus	Gastropoda
Micropogonias undulatus	Bivalvia
Micropogonias undulatus	Neritina
Micropogonias undulatus	Mulinia lateralis
Micropogonias undulatus	Polychaeta
Micropogonias undulatus	Nereididae
Micropogonias undulatus	Alitta succinea
Micropogonias undulatus	Arenicola cristata
Micropogonias undulatus	Brachionus
Micropogonias undulatus	Foraminiferida
Micropogonias undulatus	Chlorophyta
Micropogonias undulatus	Coscinodiscus
Sciaenops ocellatus	Sand
Sciaenops ocellatus	Mugil cephalus
Sciaenops ocellatus	Micropogonias undulatus
Sciaenops ocellatus	Lucania parva
Sciaenops ocellatus	Leiostomus xanthurus
Sciaenops ocellatus	Brevoortia patronus
Sciaenops ocellatus	Anchoa mitchilli
Sciaenops ocellatus	Chordata
Sciaenops ocellatus	Xanthidae

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Sciaenops ocellatus	Tanaidae
Sciaenops ocellatus	Mysidae
Sciaenops ocellatus	Gammaridae
Sciaenops ocellatus	Ephemeroptera
Sciaenops ocellatus	Copepoda
Sciaenops ocellatus	Tozeuma carolinense
Sciaenops ocellatus	Palaemonetes pugio
Sciaenops ocellatus	Palaemon
Sciaenops ocellatus	Mysidopsis
Sciaenops ocellatus	Hippolyte
Sciaenops ocellatus	Gammarus mucronatus
Sciaenops ocellatus	Ergasilus
Sciaenops ocellatus	Corophium
Sciaenops ocellatus	Bowmaniella brasiliensis
Sciaenops ocellatus	Arthropoda
Sciaenops ocellatus	Bivalvia
Sciaenops ocellatus	Mitrella lunata
Sciaenops ocellatus	Polychaeta
Sciaenops ocellatus	Nereididae
Sciaenops ocellatus	Alitta succinea
Sciaenops ocellatus	Diopatra cuprea
Fundulus similis	Plantae
Fundulus similis	Sand
Fundulus similis	Detritus
Fundulus similis	fecal pellets
Fundulus similis	Actinopterygii
Fundulus similis	Telmatogetoninae
Fundulus similis	Tanaidae
Fundulus similis	Decapoda
Fundulus similis	Ostracoda
Fundulus similis	Isopoda
Fundulus similis	Insecta
Fundulus similis	Hydrachnidia
Fundulus similis	Harpacticoida
Fundulus similis	Gammaridae
Fundulus similis	Formicidae
Fundulus similis	Dytiscidae
Fundulus similis	Diptera

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Fundulus similis	Curculionidae
Fundulus similis	Copepoda
Fundulus similis	Cirripedia
Fundulus similis	Palaemonetes
Fundulus similis	Corophium
Fundulus similis	Gastropoda
Fundulus similis	Bivalvia
Fundulus similis	Polychaeta
Fundulus similis	Nereididae
Fundulus similis	Foraminiferida
Fundulus similis	Cyanobacteria
Anchoa mitchilli	Sand
Anchoa mitchilli	Detritus
Anchoa mitchilli	Actinopterygii
Anchoa mitchilli	Trichoptera
Anchoa mitchilli	Tanaidae
Anchoa mitchilli	Decapoda
Anchoa mitchilli	Ostracoda
Anchoa mitchilli	Mysidae
Anchoa mitchilli	Harpacticoida
Anchoa mitchilli	Gammaridae
Anchoa mitchilli	Formicidae
Anchoa mitchilli	Pleocyemata
Anchoa mitchilli	Copepoda
Anchoa mitchilli	Calanoida
Anchoa mitchilli	Cirripedia
Anchoa mitchilli	Taphromysis louisianae
Anchoa mitchilli	Pseudodiaptomus coronatus
Anchoa mitchilli	Palaemonetes
Anchoa mitchilli	Oithona
Anchoa mitchilli	Americamysis almyra
Anchoa mitchilli	Euceramus
Anchoa mitchilli	Caligus
Anchoa mitchilli	Corophium
Anchoa mitchilli	Acartia tonsa
Anchoa mitchilli	Cyanobacteria
Anchoa mitchilli	Khakista
Anchoa mitchilli	Coscinodiscus

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Pogonias cromis	fecal pellets
Pogonias cromis	Chordata
Pogonias cromis	Xanthidae
Pogonias cromis	Telmatogetoninae
Pogonias cromis	Tanaidae
Pogonias cromis	Odonata
Pogonias cromis	Mysidae
Pogonias cromis	Gammaridae
Pogonias cromis	Diptera
Pogonias cromis	Gammarus mucronatus
Pogonias cromis	Corophium
Pogonias cromis	Gastropoda
Pogonias cromis	Bivalvia
Pogonias cromis	Rangia cuneata
Pogonias cromis	Polychaeta
Pogonias cromis	Forminifera
Pogonias cromis	Protozoa
Menidia beryllina	Sand
Menidia beryllina	Detritus
Menidia beryllina	fecal pellets
Menidia beryllina	Actinopterygii
Menidia beryllina	Anchoa mitchilli
Menidia beryllina	Decapoda
Menidia beryllina	Ostracoda
Menidia beryllina	Insecta
Menidia beryllina	Harpacticoida
Menidia beryllina	Gammaridae
Menidia beryllina	Formicidae
Menidia beryllina	Diptera
Menidia beryllina	Calanoida
Menidia beryllina	Cirripectida
Menidia beryllina	Arachnida
Menidia beryllina	Taphromysis louisianae
Menidia beryllina	Pinnotheres
Menidia beryllina	Palaemonetes
Menidia beryllina	Labidocera aestiva
Menidia beryllina	Eurytemora hirundoides
Menidia beryllina	Edotia triloba

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Menidia beryllina	Corophium
Menidia beryllina	Caligus
Menidia beryllina	Acartia tonsa
Menidia beryllina	Gastropoda
Menidia beryllina	Bivalvia
Menidia beryllina	Polychaeta
Menidia beryllina	Nereididae
Menidia beryllina	Diopatra cuprea
Menidia beryllina	Coscinodiscus
Cynoscion nebulosus	Sand
Cynoscion nebulosus	Brevoortia patronus
Cynoscion nebulosus	Anchoa mitchilli
Cynoscion nebulosus	Chordata
Cynoscion nebulosus	Tanaidae
Cynoscion nebulosus	Gammaridae
Cynoscion nebulosus	Palaemonetes pugio
Cynoscion nebulosus	Mysidopsis
Cynoscion nebulosus	Alpheus
Cynoscion nebulosus	Arthropoda
Cynoscion nebulosus	Bivalvia
Cynoscion nebulosus	Polychaeta
Cynoscion nebulosus	Annelida
Mugil cephalus	Silt
Mugil cephalus	Sand
Mugil cephalus	Detritus
Mugil cephalus	Prorocentrum
Mugil cephalus	Prorocentrum micans
Mugil cephalus	Gymnodinium
Mugil cephalus	Pyrrophyta
Mugil cephalus	Euglena
Mugil cephalus	Nostoc
Mugil cephalus	Merismopedia
Mugil cephalus	Dactylococcopsis
Mugil cephalus	Chroococcus
Mugil cephalus	Aphanocapsa
Mugil cephalus	Anabaena
Mugil cephalus	Hymenomonas
Mugil cephalus	Campylodiscus

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Mugil cephalus	Scenedesmus
Mugil cephalus	Acutodesmus acuminatus
Mugil cephalus	Kirchneriella
Mugil cephalus	Chlorophyta
Mugil cephalus	Cosmarium
Mugil cephalus	Chlorophyceae
Mugil cephalus	Closteriopsis
Mugil cephalus	Thalassiothrix
Mugil cephalus	Thalassionema frauenfeldii
Mugil cephalus	Thalassionema nitzschioides
Mugil cephalus	Thalassiosira
Mugil cephalus	Tabellaria fenestrata
Mugil cephalus	Synedra
Mugil cephalus	Tabularia fasciculata
Mugil cephalus	Surirella
Mugil cephalus	Gyrosigma acuminatum
Mugil cephalus	Gyrosigma
Mugil cephalus	Grammatophora
Mugil cephalus	Fragilaria
Mugil cephalus	Fragilaria crotonensis
Mugil cephalus	Staurosira construens
Mugil cephalus	Fragilaria brevistriata
Mugil cephalus	Stichosiphon
Mugil cephalus	Plantae
Mugil cephalus	Skeletonema costatum
Mugil cephalus	Pleurosigma
Mugil cephalus	Bacillariophycidae
Mugil cephalus	Opephora
Mugil cephalus	Martyana martyi
Mugil cephalus	Nitzschia
Mugil cephalus	Tryblionella compressa
Mugil cephalus	Nitzschia closterium
Mugil cephalus	Tryblionella apiculata
Mugil cephalus	Neidium
Mugil cephalus	Navicula
Mugil cephalus	Navicula rhynchocephala
Mugil cephalus	Navicula radiosa
Mugil cephalus	Fallacia pygmaea

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Mugil cephalus	Caloneis
Mugil cephalus	Geissleria thingvallae
Mugil cephalus	Craticula halophila
Mugil cephalus	Craticula accomoda
Mugil cephalus	Melosira
Mugil cephalus	Mastogloia
Mugil cephalus	Licmophora
Mugil cephalus	Palmeria hardmaniana
Mugil cephalus	Diploneis
Mugil cephalus	Cymbella
Mugil cephalus	Cyclotella
Mugil cephalus	Coscinodiscus
Mugil cephalus	Coscinodiscus radiatus
Mugil cephalus	Coscinodiscus granii
Mugil cephalus	Coscinodiscus excentricus
Mugil cephalus	Cocconeis
Mugil cephalus	Cocconeis placentula
Mugil cephalus	Climacosphenia monilifera
Mugil cephalus	Chaetoceros
Mugil cephalus	Chaetoceros compressus
Mugil cephalus	Centrales
Mugil cephalus	Biddulphia
Mugil cephalus	Bacillaria paxillifer
Mugil cephalus	Asterionella japonica
Mugil cephalus	Asterionella
Mugil cephalus	Curculionidae
Mugil cephalus	Amphiprora
Mugil cephalus	Amphipleura pellucida
Mugil cephalus	Achnanthes
Mugil cephalus	Planothidium hauckianum
Cynoscion arenarius	Anchoa mitchilli
Cynoscion arenarius	Gammaridae
Cynoscion arenarius	Penaeidae
Cynoscion arenarius	Palaemonetes pugio
Cynoscion arenarius	Ogyrides
Cynoscion arenarius	Americamysis almyra
Cynoscion arenarius	Caligus
Cynoscion arenarius	Polychaeta

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Archosargus probatocephalus	Plantae
Archosargus probatocephalus	Sand
Archosargus probatocephalus	Detritus
Archosargus probatocephalus	Telmatogetoninae
Archosargus probatocephalus	Tanaidae
Archosargus probatocephalus	Mysidae
Archosargus probatocephalus	Harpacticoida
Archosargus probatocephalus	Gammaridae
Archosargus probatocephalus	Formicidae
Archosargus probatocephalus	Pleocyemata
Archosargus probatocephalus	Calanoida
Archosargus probatocephalus	Mysidopsis
Archosargus probatocephalus	Eurytemora hirundoides
Archosargus probatocephalus	Eurypanopeus depressus
Archosargus probatocephalus	Corophium
Archosargus probatocephalus	Callinectes sapidus
Archosargus probatocephalus	Bivalvia
Archosargus probatocephalus	Laevicardium
Archosargus probatocephalus	Serpulidae
Archosargus probatocephalus	Polychaeta
Archosargus probatocephalus	Foraminiferida
Archosargus probatocephalus	Cyanobacteria
Paralichthys lethostigma	Detritus
Paralichthys lethostigma	Archosargus probatocephalus
Paralichthys lethostigma	Micropogonias undulatus
Paralichthys lethostigma	Palaemonetes pugio
Paralichthys lethostigma	Gastropoda
Paralichthys lethostigma	Bivalvia
Paralichthys lethostigma	Macoma
Paralichthys lethostigma	Brachidontes exustus
Brevoortia patronus	Silt
Brevoortia patronus	Sand
Brevoortia patronus	Detritus
Brevoortia patronus	Prorocentrum
Brevoortia patronus	Prorocentrum micans
Brevoortia patronus	Protozoa
Brevoortia patronus	Pyrrophyta
Brevoortia patronus	Oscillatoria

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Brevoortia patronus	Dactylococcopsis
Brevoortia patronus	Chroococcus
Brevoortia patronus	Anabaena
Brevoortia patronus	Chromista
Brevoortia patronus	Westella botryoides
Brevoortia patronus	Tetraedron
Brevoortia patronus	Scenedesmus quadricauda
Brevoortia patronus	Scenedesmus
Brevoortia patronus	Acutodesmus acuminatus
Brevoortia patronus	Kirchneriella
Brevoortia patronus	Crucigenia
Brevoortia patronus	Cosmarium
Brevoortia patronus	Chlorophyceae
Brevoortia patronus	Thalassiothrix
Brevoortia patronus	Thalassionema nitzschioides
Brevoortia patronus	Thalassiosira
Brevoortia patronus	Synedra
Brevoortia patronus	Guinardia flaccida
Brevoortia patronus	Plantae
Brevoortia patronus	Skeletonema costatum
Brevoortia patronus	Bacillariophycidae
Brevoortia patronus	Nitzschia
Brevoortia patronus	Pseudo-nitzschia pungens
Brevoortia patronus	Tryblionella compressa
Brevoortia patronus	Nitzschia closterium
Brevoortia patronus	Tryblionella apiculata
Brevoortia patronus	Navicula
Brevoortia patronus	Fallacia pygmaea
Brevoortia patronus	Diatoma
Brevoortia patronus	Cyclotella
Brevoortia patronus	Coscinodiscus
Brevoortia patronus	Coscinodiscus radiatus
Brevoortia patronus	Coscinodiscus granii
Brevoortia patronus	Coscinodiscus excentricus
Brevoortia patronus	Chaetoceros
Brevoortia patronus	Centrales
Brevoortia patronus	Asterionella japonica
Brevoortia patronus	Achnanthes

Appendix 8 - List of references, unique predators and prey, and unique interactions for Matagorda Bay

Brevoortia patronus	Planothidium hauckianum
Brevoortia patronus	Karayevia clevei
Bairdiella chrysoura	Plantae
Bairdiella chrysoura	Actinopterygii
Bairdiella chrysoura	Archosargus probatocephalus
Bairdiella chrysoura	Decapoda
Bairdiella chrysoura	Gammaridae
Bairdiella chrysoura	Americamysis almyra
Bairdiella chrysoura	Cassinidea lunifrons
Bairdiella chrysoura	Callinectes sapidus
Paralichthys lethostigma	Polydactylus octonemus
Paralichthys lethostigma	Mugil cephalus
Paralichthys lethostigma	Sciaenidae
Paralichthys lethostigma	Menidia beryllina
Paralichthys lethostigma	Lolliguncula brevis
Paralichthys lethostigma	Lagodon rhomboides
Paralichthys lethostigma	Cynoscion arenarius
Paralichthys lethostigma	Callinectes sapidus
Sciaenops ocellatus	Palaemonidae
Sciaenops ocellatus	Cyprinodon variegatus
Cynoscion nebulosus	Dorosoma cepedianum
Cynoscion nebulosus	Cynoscion arenarius

Appendix 9

List of reference IDs accessed from GoMexSI on 10 September 2018, the number of and list of unique predators, prey, and species interactions for San Antonio Bay.

See attached PDF file: Appendix 9 – San Antonio Bay interaction data.

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

reference	predator	prey	List of unique interactions
7	32	363	834
ACT_23D	Anas fulvigula	Abra aequalis	Lepidochelys kempii Detritus
ACT_25M	Anatidae	Acartia tonsa	Lepidochelys kempii Pleocymata
ACT_37C	Anchoa mitchilli	Achnanthes	Lepidochelys kempii Dendrobranchiata
ACT_38C	Archosargus probatocephalus	Actiniaria	Lepidochelys kempii Plantae
AVE_2G	Ariopsis felis	Actinopterygii	Lepidochelys kempii Actinopterygii
AVE_3S	Bagre marinus	Acutodesmus acuminatus	Lepidochelys kempii Mollusca
REP_2S	Bairdiella chrysoura	Alitta succinea	Lepidochelys kempii Aluminum
	Branta	Alpheus	Lepidochelys kempii Styrofoam
	Branta canadensis	Aluminum	Lepidochelys kempii Organic
	Branta hutchinsii	Ambrosia psilostachya	Lepidochelys kempii plastic
	Brevoortia gunteri	Americamysis almyra	Lepidochelys kempii Dytiscidae
	Brevoortia patronus	Americoliva sayana	Lepidochelys kempii Virgularia
	Chen caerulescens	Amphipleura pellucida	Lepidochelys kempii Hydroidolina
	Cynoscion arenarius	Amphipoda	Lepidochelys kempii Cnidaria
	Cynoscion nebulosus	Amphiprora	Lepidochelys kempii Mellita quinquiesperforata
	Cyprinodon variegatus	Anabaena	Lepidochelys kempii Sediment
	Dorosoma cepedianum	Anchoa	Lepidochelys kempii Leptogorgia setacea
	Dorosoma petenense	Anchoa mitchilli	Lepidochelys kempii Chelonibia testudinaria
	Fundulus grandis	Andropogon	Lepidochelys kempii Annelida
	Fundulus similis	Animalia	Lepidochelys kempii Diopatra cuprea
	Ictalurus furcatus	Annelida	Lepidochelys kempii Insecta
	Lagodon rhomboides	Aphanocapsa	Lepidochelys kempii Aves
	Leiostomus xanthurus	Arachnida	Lepidochelys kempii Physalia
	Lepidochelys kempii	Archosargus probatocephalus	Lepidochelys kempii Litopenaeus setiferus
	Menidia beryllina	Arenaeus cribrarius	Lepidochelys kempii Panaeidae
	Micropogonias undulatus	Arenicola cristata	Lepidochelys kempii Panaeus
	Mugil cephalus	Arthropoda	Lepidochelys kempii Syringodium filiforme
	Paralichthys lethostigma	Asterionella	Lepidochelys kempii Ulva
	Pogonias cromis	Asterionella japonica	Lepidochelys kempii Eichhornia
	Polydactylus octonemus	Astyris lunata	Lepidochelys kempii Thalassia testudinum
	Porichthys porosissimus	Atrina	Lepidochelys kempii Magnoliopsida
	Sciaenops ocellatus	Aves	Lepidochelys kempii Chlorophyta
		Bacillaria paxillifer	Lepidochelys kempii Gracilaria
		Bacillariophycidae	Lepidochelys kempii Halodule wrightii
		Bacopa monnieri	Lepidochelys kempii Sargassum
		Biddulphia	Lepidochelys kempii Leiostomus xanthurus

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

Bivalvia	Lepidochelys kempii	Stellifer lanceolatus
Bolboschoenus robustus	Lepidochelys kempii	Gastropoda
Boonea seminuda	Lepidochelys kempii	Pyrgocythara plicosa
Borrichia frutescens	Lepidochelys kempii	Kurtziella
Bowmaniella brasiliensis	Lepidochelys kempii	Astyris lunata
Brachidontes exustus	Lepidochelys kempii	Boonea seminuda
Brachionus	Lepidochelys kempii	Chione cancellata
Brasenia schreberi	Lepidochelys kempii	Corbula contracta
Brevoortia patronus	Lepidochelys kempii	Phrontis vibex
Calanoida	Lepidochelys kempii	Terebra dislocata
Calappa	Lepidochelys kempii	Stramonita haemastoma
Caligus	Lepidochelys kempii	Crepidula
Callinectes sapidus	Lepidochelys kempii	Cavolinia longirostris
Callinectes similis	Lepidochelys kempii	Recluzia rollandiana
Caloneis	Lepidochelys kempii	Abra aequalis
Campylodiscus	Lepidochelys kempii	Americoliva sayana
Caprellidae	Lepidochelys kempii	Dinocardium robustum
Carex	Lepidochelys kempii	Litiopa melanostoma
Cassidinidea lunifrons	Lepidochelys kempii	Tagelus plebeius
Cavolinia longirostris	Lepidochelys kempii	Costoanachis avara
Centrales	Lepidochelys kempii	Donax variabilis
Ceratophyllum demersum	Lepidochelys kempii	Mulinia lateralis
Ceratopogonidae	Lepidochelys kempii	Ischadium recurvum
Chaerophyllum	Lepidochelys kempii	Parvanachis obesa
Chaetoceros	Lepidochelys kempii	Atrina
Chaetoceros compressus	Lepidochelys kempii	Nuculana concentrica
Chelonibia testudinaria	Lepidochelys kempii	Neverita duplicata
Chione cancellata	Lepidochelys kempii	Bivalvia
Chironomidae	Lepidochelys kempii	Nassarius acutus
Chloris	Lepidochelys kempii	Pagurus
Chlorophyceae	Lepidochelys kempii	Persephona
Chlorophyta	Lepidochelys kempii	Ovalipes
Chordata	Lepidochelys kempii	Calappa
Chromista	Lepidochelys kempii	Callinectes similis
Chroococcus	Lepidochelys kempii	Portunus gibbesii
Cirripectida	Lepidochelys kempii	Hepatus
Cirsium	Lepidochelys kempii	Libinia
Cladium	Lepidochelys kempii	Callinectes sapidus

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

Clibanarius vittatus	Lepidochelys kempii	Cirripedia
Climacosphenia moniligera	Lepidochelys kempii	Kurtziella limonitella
Closteriopsis	Lepidochelys kempii	Menippe adina
Cnidaria	Lepidochelys kempii	Isocheles wurdemanni
Cocconeis	Lepidochelys kempii	Arenaeus cribrarius
Cocconeis placentula	Anas fulvigula	Animalia
Coleoptera	Anas fulvigula	Crustacea
Copepoda	Anas fulvigula	Insecta
Corbula contracta	Anas fulvigula	Gastropoda
Corophium	Anas fulvigula	Actinopterygii
Corydalis	Anas fulvigula	Plantae
Coscinodiscus	Anas fulvigula	Nelumbo lutea
Coscinodiscus excentricus	Anas fulvigula	Cucurbita foetidissima
Coscinodiscus granii	Anas fulvigula	Paspalum acuminatum
Coscinodiscus radiatus	Anas fulvigula	Euphorbia bicolor
Cosmarium	Anas fulvigula	Diodia
Costoanachis avara	Anas fulvigula	Sacciolepis striata
Coullana canadensis	Anas fulvigula	Proserpinaca
Craticula accomoda	Anas fulvigula	Eleocharis
Craticula halophila	Anas fulvigula	Zea mays
Crepidula	Anas fulvigula	Rhynchospora corniculata
Crepidula plana	Anas fulvigula	Brasenia schreberi
Crucigenia	Anas fulvigula	Sagittaria graminea
Crustacea	Anas fulvigula	Panicum
Cucumis melo	Anas fulvigula	Schrankia
Cucurbita foetidissima	Anas fulvigula	Eleocharis cellulosa
Curculionidae	Anas fulvigula	Setaria pumila
Cyanobacteria	Anas fulvigula	Vigna luteola
Cyclopoida	Anas fulvigula	Ceratophyllum demersum
Cyclotella	Anas fulvigula	Najas guadalupensis
Cymbella	Anas fulvigula	Potamogeton nodosus
Cynodon dactylon	Anas fulvigula	Stuckenia pectinata
Cynosciadium	Anas fulvigula	Nymphaea odorata
Cyperus	Anas fulvigula	Leersia oryzoides
Cyprinodon variegatus	Anas fulvigula	Bolboschoenus robustus
Dactylococcopsis	Anas fulvigula	Echinochloa walteri
Decapoda	Anas fulvigula	Ruppia maritima
Dendrobranchiata	Anas fulvigula	Panicum dichotomiflorum

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

Detritus	Anas fulvigula	Sesbania herbacea
Deuterostomia	Anas fulvigula	Cladium
Diatoma	Anas fulvigula	Eleocharis parvula
Dinocardium robustum	Anas fulvigula	Najas
Diodella teres	Anas fulvigula	Ruppia
Diodia	Anas fulvigula	Polygonum foliosum paludicola
Diopatra cuprea	Anas fulvigula	Schoenoplectus californicus
Diploneis	Anas fulvigula	Oryza sativa
Diptera	Anas fulvigula	Cyprinodon variegatus
Distichlis spicata	Anas fulvigula	Litopenaeus setiferus
Donax variabilis	Anas fulvigula	Chironomidae
Dyspanopeus texanus	Anas fulvigula	Amphipoda
Dytiscidae	Anas fulvigula	Mollusca
Echinochloa colona	Chen caerulescens	Oryza sativa
Echinochloa walteri	Chen caerulescens	Eleocharis quadrangulata
Edotia triloba	Chen caerulescens	Juncus
Eichhornia	Chen caerulescens	Bolboschoenus robustus
Eleocharis	Chen caerulescens	Distichlis spicata
Eleocharis cellulosa	Branta	Oryza sativa
Eleocharis parvula	Branta	Cynodon dactylon
Eleocharis quadrangulata	Branta	Juncus
Ephemeroptera	Anatidae	Ipomoea batatas
Eragrostis	Anatidae	Spartina alterniflora
Ergasilus	Anatidae	Vaccinium
Euceramus	Anatidae	Borrichia frutescens
Euglena	Anatidae	Distichlis spicata
Euphorbia bicolor	Anatidae	Pisum sativum
Eurypanopeus depressus	Anatidae	Actinopterygii
Eurytemora	Anatidae	Detritus
Eurytemora hirundoides	Anatidae	Plantae
Fallacia pygmaea	Anatidae	Corydalis
Farfantepenaeus aztecus	Anatidae	Medicago polymorpha
fecal pellets	Anatidae	Geranium
Festuca	Anatidae	Diodella teres
Foraminiferida	Anatidae	Iva
Formicidae	Anatidae	Sporobolus
Forminifera	Anatidae	Chloris
Fragilaria	Anatidae	Oxalis

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

Fragilaria brevistriata	Anatidae	Echinochloa colona
Fragilaria crotonensis	Anatidae	Cyperus
Fundulus grandis	Anatidae	Cucumis melo
Fundulus similis	Anatidae	Ambrosia psilostachya
Gammaridae	Anatidae	Ipomoea
Gammarus mucronatus	Anatidae	Sorghum halepense
Gastropoda	Anatidae	Cynoscium
Geissleria thingvallae	Anatidae	Polygonum
Geranium	Anatidae	Chaerophyllum
Gracilaria	Anatidae	Chlorophyta
Grammatophora	Anatidae	Heliotropium indicum
Guinardia flaccida	Anatidae	Cynodon dactylon
Gymnodinium	Anatidae	Paspalum
Gyrosigma	Anatidae	Lathyrus pusillus
Gyrosigma acuminatum	Anatidae	Bacopa monnieri
Halodule wrightii	Anatidae	Rumex acetosella
Harpacticoida	Anatidae	Panicum
Heliotropium indicum	Anatidae	Spartina
Hepatus	Anatidae	Linum usitatissimum
Hippolyte	Anatidae	Nasturtium officinal
Hydrachnidia	Anatidae	Sorghum bicolor
Hydroidolina	Anatidae	Zea mays
Hymenomonas	Anatidae	Oryza sativa
Insecta	Anatidae	Cirsium
Ipomoea	Anatidae	Plantago
Ipomoea batatas	Anatidae	Verbenaceae
Ischadium recurvum	Anatidae	Oenothera speciosa
Isocheles wurdemanni	Anatidae	Monanthochloe littoralis
Isopoda	Anatidae	Salicornia bigelovii
Iva	Chen caerulescens	Sporobolus
Juncus	Chen caerulescens	Setaria
Karayevia clevei	Chen caerulescens	Panicum
Keratella	Chen caerulescens	Eragrostis
Khakista	Chen caerulescens	Festuca
Kirchneriella	Chen caerulescens	Paspalum
Kurtziella	Chen caerulescens	Andropogon
Kurtziella limonitella	Chen caerulescens	Cyperus
Labidocera aestiva	Chen caerulescens	Carex

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

Laevicardium	Chen caerulescens	Polygonum
Lagodon rhomboides	Chen caerulescens	Typha angustifolia
Lathyrus pusillus	Chen caerulescens	Schoenoplectus pungens pungens
Leersia oryzoides	Chen caerulescens	Spartina
Leiostomus xanthurus	Chen caerulescens	Spartina alterniflora
Leptochelia	Chen caerulescens	Phragmites australis
Leptogorgia setacea	Branta hutchinsii	Vaccinium
Libinia	Branta canadensis	Vaccinium
Licmophora	Branta canadensis	Paspalum
Linum usitatissimum	Branta canadensis	Bacopa monnieri
Litiopa melanostoma	Branta canadensis	Cynodon dactylon
Litopenaeus setiferus	Fundulus grandis	Plantae
Lophogastrida	Fundulus grandis	Sand
Lucania parva	Fundulus grandis	Detritus
Macoma	Fundulus grandis	fecal pellets
Magnoliopsida	Fundulus grandis	Actinopterygii
Martyana martyi	Fundulus grandis	Fundulus grandis
Mastogloia	Fundulus grandis	Telmatogetoninae
Medicago polymorpha	Fundulus grandis	Tanaidae
Mellita quinquiesperforata	Fundulus grandis	Decapoda
Melosira	Fundulus grandis	Isopoda
Menidia beryllina	Fundulus grandis	Insecta
Menippe adina	Fundulus grandis	Harpacticoida
Merismopedia	Fundulus grandis	Gammaridae
Micropogonias undulatus	Fundulus grandis	Formicidae
Mitrella lunata	Fundulus grandis	Diptera
Mollusca	Fundulus grandis	Curculionidae
Monanthochloe littoralis	Fundulus grandis	Pleocyemata
Mugil cephalus	Fundulus grandis	Copepoda
Mulinia lateralis	Fundulus grandis	Caprellidae
Mysida	Fundulus grandis	Arachnida
Mysidae	Fundulus grandis	Palaemonetes
Mysidopsis	Fundulus grandis	Palaemonetes pugio
Mytilopsis leucophaeata	Fundulus grandis	Leptochelia
Najas	Fundulus grandis	Gammarus mucronatus
Najas guadalupensis	Fundulus grandis	Corophium
Nassarius acutus	Fundulus grandis	Clibanarius vittatus
Nasturtium officinal	Fundulus grandis	Callinectes sapidus

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

Navicula	Fundulus grandis	Alpheus
Navicula radiosa	Fundulus grandis	Crepidula plana
Navicula rhynchocephala	Fundulus grandis	Polychaeta
Neidium	Fundulus grandis	Nereididae
Nelumbo lutea	Fundulus grandis	Alitta succinea
Nematoda	Fundulus grandis	Nereis pelagica
Nemertea	Fundulus grandis	Nemertea
Nereididae	Fundulus grandis	Chlorophyta
Nereis pelagica	Fundulus grandis	Cyanobacteria
Neritina	Fundulus grandis	Khakista
Neverita duplicata	Cyprinodon variegatus	Plantae
Nitzschia	Cyprinodon variegatus	Sand
Nitzschia closterium	Cyprinodon variegatus	Detritus
Nostoc	Cyprinodon variegatus	fecal pellets
Nuculana concentrica	Cyprinodon variegatus	Actinopterygii
Nymphaea odorata	Cyprinodon variegatus	Tanaidae
Odonata	Cyprinodon variegatus	Ostracoda
Oenothera speciosa	Cyprinodon variegatus	Insecta
Ogyrides	Cyprinodon variegatus	Harpacticoida
Oithona	Cyprinodon variegatus	Gammaridae
Opephora	Cyprinodon variegatus	Cyclopoida
Organic	Cyprinodon variegatus	Calanoida
Oryza sativa	Cyprinodon variegatus	Cirripedia
Oscillatoria	Cyprinodon variegatus	Nereididae
Ostracoda	Cyprinodon variegatus	Foraminiferida
Ovalipes	Cyprinodon variegatus	Chlorophyta
Oxalis	Cyprinodon variegatus	Cyanobacteria
Pagurus	Cyprinodon variegatus	Khakista
Palaemon	Lagodon rhomboides	Plantae
Palaemonetes	Lagodon rhomboides	Sand
Palaemonetes pugio	Lagodon rhomboides	Detritus
Palaemonidae	Lagodon rhomboides	fecal pellets
Palmeria hardmaniana	Lagodon rhomboides	Actinopterygii
Panicum	Lagodon rhomboides	Tanaidae
Panicum dichotomiflorum	Lagodon rhomboides	Decapoda
Parvanachis obesa	Lagodon rhomboides	Serpulidae
Paspalum	Lagodon rhomboides	Mysidae
Paspalum acuminatum	Lagodon rhomboides	Isopoda

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

Pediastrum	Lagodon rhomboides	Harpacticoida
Penaeidae	Lagodon rhomboides	Gammaridae
Penaeus	Lagodon rhomboides	Pleocyemata
Persephona	Lagodon rhomboides	Copepoda
Phragmites australis	Lagodon rhomboides	Coleoptera
Phrontis vibex	Lagodon rhomboides	Calanoida
Physalia	Lagodon rhomboides	Cirripedia
Pinnotheres	Lagodon rhomboides	Pseudodiaptomus coronatus
Pisum sativum	Lagodon rhomboides	Palaemonetes
Planothidium hauckianum	Lagodon rhomboides	Oithona
Plantae	Lagodon rhomboides	Ogyrides
Plantago	Lagodon rhomboides	Mysidopsis
plastic	Lagodon rhomboides	Americamysis almyra
Pleocyemata	Lagodon rhomboides	Labidocera aestiva
Pleocymata	Lagodon rhomboides	Hippolyte
Pleurosigma	Lagodon rhomboides	Gammarus mucronatus
Polychaeta	Lagodon rhomboides	Eurytemora hirundoides
Polygonum	Lagodon rhomboides	Eurypanopeus depressus
Polygonum foliosum paludicola	Lagodon rhomboides	Corophium
Portunus gibbesii	Lagodon rhomboides	Cassinidea lunifrons
Potamogeton nodosus	Lagodon rhomboides	Callinectes sapidus
Prorocentrum	Lagodon rhomboides	Acartia tonsa
Prorocentrum micans	Lagodon rhomboides	Bivalvia
Proserpinaca	Lagodon rhomboides	Laevicardium
Protoperdinium	Lagodon rhomboides	Mytilopsis leucophaeata
Protozoa	Lagodon rhomboides	Polychaeta
Pseudodiaptomus coronatus	Lagodon rhomboides	Nereididae
Pseudo-nitzschia pungens	Lagodon rhomboides	Alitta succinea
Pyrgocythara plicosa	Lagodon rhomboides	Actiniaria
Pyrrophytophyta	Lagodon rhomboides	Foraminiferida
Rangia cuneata	Lagodon rhomboides	Chlorophyta
Recluzia rollandiana	Lagodon rhomboides	Cyanobacteria
Rhynchospora corniculata	Leiostomus xanthurus	Plantae
Rotifera	Leiostomus xanthurus	Sand
Rumex acetosella	Leiostomus xanthurus	Detritus
Ruppia	Leiostomus xanthurus	fecal pellets
Ruppia maritima	Leiostomus xanthurus	Actinopterygii
Sacciolepis striata	Leiostomus xanthurus	Brevoortia patronus

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

Sagittaria graminea	Leiostomus xanthurus	Tanaidae
Salicornia bigelovii	Leiostomus xanthurus	Telmatogetoninae
Sand	Leiostomus xanthurus	Decapoda
Sargassum	Leiostomus xanthurus	Ostracoda
Scenedesmus	Leiostomus xanthurus	Odonata
Scenedesmus quadricauda	Leiostomus xanthurus	Mysidae
Schoenoplectus californicus	Leiostomus xanthurus	Isopoda
Schoenoplectus pungens pungens	Leiostomus xanthurus	Insecta
Schrankia	Leiostomus xanthurus	Harpacticoida
Sciaenidae	Leiostomus xanthurus	Gammaridae
Sediment	Leiostomus xanthurus	Cyclopoida
Serpulidae	Leiostomus xanthurus	Ceratopogonidae
Sesbania herbacea	Leiostomus xanthurus	Calanoida
Setaria	Leiostomus xanthurus	Cirripedia
Setaria pumila	Leiostomus xanthurus	Coullana canadensis
Silt	Leiostomus xanthurus	Pseudodiaptomus coronatus
Skeletonema costatum	Leiostomus xanthurus	Penaeidae
Sorghum bicolor	Leiostomus xanthurus	Americamysis almyra
Sorghum halepense	Leiostomus xanthurus	Leptocheilia
Spartina	Leiostomus xanthurus	Labidocera aestiva
Spartina alterniflora	Leiostomus xanthurus	Gammarus mucronatus
Sporobolus	Leiostomus xanthurus	Eurytemora hirundoides
Staurosira construens	Leiostomus xanthurus	Corophium
Stellifer lanceolatus	Leiostomus xanthurus	Callinectes sapidus
Stichosiphon	Leiostomus xanthurus	Bowmaniella brasiliensis
Stramonita haemastoma	Leiostomus xanthurus	Acartia tonsa
Stuckenia pectinata	Leiostomus xanthurus	Bivalvia
Styrofoam	Leiostomus xanthurus	Rangia cuneata
Surirella	Leiostomus xanthurus	Macoma
Synchaeta	Leiostomus xanthurus	Terebellidae
Synedra	Leiostomus xanthurus	Polychaeta
Syringodium filiforme	Leiostomus xanthurus	Nereididae
Tabellaria fenestrata	Leiostomus xanthurus	Alitta succinea
Tabularia fasciculata	Leiostomus xanthurus	Nemertea
Tagelus plebeius	Leiostomus xanthurus	Foraminiferida
Tanaidae	Leiostomus xanthurus	Cyanobacteria
Taphromysis louisianae	Leiostomus xanthurus	Khakista
Telmatogetoninae	Leiostomus xanthurus	Coscinodiscus

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

Terebellidae	Micropogonias undulatus	Plantae
Terebra dislocata	Micropogonias undulatus	Sand
Tetraedron	Micropogonias undulatus	Detritus
Texadina spinctostoma	Micropogonias undulatus	fecal pellets
Thalassia testudinum	Micropogonias undulatus	Actinopterygii
Thalassionema frauenfeldii	Micropogonias undulatus	Anchoa mitchilli
Thalassionema nitzschioides	Micropogonias undulatus	Telmatogetoninae
Thalassiosira	Micropogonias undulatus	Tanaidae
Thalassiothrix	Micropogonias undulatus	Decapoda
Tintinnida	Micropogonias undulatus	Ostracoda
Tozeuma carolinense	Micropogonias undulatus	Mysidae
Trichoptera	Micropogonias undulatus	Insecta
Tryblionella apiculata	Micropogonias undulatus	Harpacticoida
Tryblionella compressa	Micropogonias undulatus	Gammaridae
Typha angustifolia	Micropogonias undulatus	Diptera
Ulva	Micropogonias undulatus	Cyclopoida
Vaccinium	Micropogonias undulatus	Pleocyemata
Verbenaceae	Micropogonias undulatus	Copepoda
Vigna luteola	Micropogonias undulatus	Chironomidae
Virgularia	Micropogonias undulatus	Coullana canadensis
Westella botryoides	Micropogonias undulatus	Pseudodiaptomus coronatus
Xanthidae	Micropogonias undulatus	Penaeidae
Zea mays	Micropogonias undulatus	Litopenaeus setiferus
	Micropogonias undulatus	Palaemonetes
	Micropogonias undulatus	Palaemonetes pugio
	Micropogonias undulatus	Ogyrides
	Micropogonias undulatus	Dyspanopeus texanus
	Micropogonias undulatus	Mysidopsis
	Micropogonias undulatus	Americamysis almyra
	Micropogonias undulatus	Leptochelia
	Micropogonias undulatus	Labidocera aestiva
	Micropogonias undulatus	Gammarus mucronatus
	Micropogonias undulatus	Eurytemora
	Micropogonias undulatus	Eurytemora hirundoides
	Micropogonias undulatus	Corophium
	Micropogonias undulatus	Caligus
	Micropogonias undulatus	Bowmaniella brasiliensis
	Micropogonias undulatus	Acartia tonsa

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

Micropogonias undulatus	Gastropoda
Micropogonias undulatus	Bivalvia
Micropogonias undulatus	Neritina
Micropogonias undulatus	Mulinia lateralis
Micropogonias undulatus	Polychaeta
Micropogonias undulatus	Nereididae
Micropogonias undulatus	Alitta succinea
Micropogonias undulatus	Arenicola cristata
Micropogonias undulatus	Brachionus
Micropogonias undulatus	Foraminiferida
Micropogonias undulatus	Chlorophyta
Micropogonias undulatus	Coscinodiscus
Sciaenops ocellatus	Plantae
Sciaenops ocellatus	Sand
Sciaenops ocellatus	Detritus
Sciaenops ocellatus	Actinopterygii
Sciaenops ocellatus	Mugil cephalus
Sciaenops ocellatus	Micropogonias undulatus
Sciaenops ocellatus	Lucania parva
Sciaenops ocellatus	Leiostomus xanthurus
Sciaenops ocellatus	Fundulus similis
Sciaenops ocellatus	Brevoortia patronus
Sciaenops ocellatus	Anchoa mitchilli
Sciaenops ocellatus	Chordata
Sciaenops ocellatus	Xanthidae
Sciaenops ocellatus	Tanaidae
Sciaenops ocellatus	Decapoda
Sciaenops ocellatus	Mysidae
Sciaenops ocellatus	Isopoda
Sciaenops ocellatus	Gammaridae
Sciaenops ocellatus	Ephemeroptera
Sciaenops ocellatus	Pleocyemata
Sciaenops ocellatus	Copepoda
Sciaenops ocellatus	Tozeuma carolinense
Sciaenops ocellatus	Penaeidae
Sciaenops ocellatus	Farfantepenaeus aztecus
Sciaenops ocellatus	Palaemonetes
Sciaenops ocellatus	Palaemonetes pugio

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

Sciaenops ocellatus	Palaemon
Sciaenops ocellatus	Mysidopsis
Sciaenops ocellatus	Hippolyte
Sciaenops ocellatus	Gammarus mucronatus
Sciaenops ocellatus	Ergasilus
Sciaenops ocellatus	Corophium
Sciaenops ocellatus	Callinectes sapidus
Sciaenops ocellatus	Bowmaniella brasiliensis
Sciaenops ocellatus	Arthropoda
Sciaenops ocellatus	Bivalvia
Sciaenops ocellatus	Mitrella lunata
Sciaenops ocellatus	Mollusca
Sciaenops ocellatus	Polychaeta
Sciaenops ocellatus	Nereididae
Sciaenops ocellatus	Alitta succinea
Sciaenops ocellatus	Diopatra cuprea
Sciaenops ocellatus	Annelida
Fundulus similis	Plantae
Fundulus similis	Sand
Fundulus similis	Detritus
Fundulus similis	fecal pellets
Fundulus similis	Actinopterygii
Fundulus similis	Telmatogetoninae
Fundulus similis	Tanaidae
Fundulus similis	Decapoda
Fundulus similis	Ostracoda
Fundulus similis	Isopoda
Fundulus similis	Insecta
Fundulus similis	Hydrachnidia
Fundulus similis	Harpacticoida
Fundulus similis	Gammaridae
Fundulus similis	Formicidae
Fundulus similis	Dytiscidae
Fundulus similis	Diptera
Fundulus similis	Curculionidae
Fundulus similis	Copepoda
Fundulus similis	Cirripectida
Fundulus similis	Palaemonetes

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

Fundulus similis	Corophium
Fundulus similis	Gastropoda
Fundulus similis	Bivalvia
Fundulus similis	Polychaeta
Fundulus similis	Nereididae
Fundulus similis	Foraminiferida
Fundulus similis	Cyanobacteria
Anchoa mitchilli	Sand
Anchoa mitchilli	Detritus
Anchoa mitchilli	Actinopterygii
Anchoa mitchilli	Trichoptera
Anchoa mitchilli	Tanaidae
Anchoa mitchilli	Decapoda
Anchoa mitchilli	Ostracoda
Anchoa mitchilli	Mysidae
Anchoa mitchilli	Harpacticoida
Anchoa mitchilli	Gammaridae
Anchoa mitchilli	Formicidae
Anchoa mitchilli	Pleocyemata
Anchoa mitchilli	Copepoda
Anchoa mitchilli	Calanoida
Anchoa mitchilli	Cirripedia
Anchoa mitchilli	Taphromysis louisianae
Anchoa mitchilli	Pseudodiaptomus coronatus
Anchoa mitchilli	Palaemonetes
Anchoa mitchilli	Oithona
Anchoa mitchilli	Americamysis almyra
Anchoa mitchilli	Euceramus
Anchoa mitchilli	Caligus
Anchoa mitchilli	Corophium
Anchoa mitchilli	Acartia tonsa
Anchoa mitchilli	Cyanobacteria
Anchoa mitchilli	Khakista
Anchoa mitchilli	Coscinodiscus
Pogonias cromis	Detritus
Pogonias cromis	fecal pellets
Pogonias cromis	Actinopterygii
Pogonias cromis	Chordata

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

Pogonias cromis	Xanthidae
Pogonias cromis	Telmatogetoninae
Pogonias cromis	Tanaidae
Pogonias cromis	Decapoda
Pogonias cromis	Odonata
Pogonias cromis	Mysidae
Pogonias cromis	Gammaridae
Pogonias cromis	Diptera
Pogonias cromis	Pleocyemata
Pogonias cromis	Gammarus mucronatus
Pogonias cromis	Corophium
Pogonias cromis	Gastropoda
Pogonias cromis	Bivalvia
Pogonias cromis	Rangia cuneata
Pogonias cromis	Mollusca
Pogonias cromis	Polychaeta
Pogonias cromis	Annelida
Pogonias cromis	Forminifera
Pogonias cromis	Protozoa
Pogonias cromis	Chlorophyta
Menidia beryllina	Sand
Menidia beryllina	Detritus
Menidia beryllina	fecal pellets
Menidia beryllina	Actinopterygii
Menidia beryllina	Anchoa mitchilli
Menidia beryllina	Decapoda
Menidia beryllina	Ostracoda
Menidia beryllina	Insecta
Menidia beryllina	Harpacticoida
Menidia beryllina	Gammaridae
Menidia beryllina	Formicidae
Menidia beryllina	Diptera
Menidia beryllina	Calanoida
Menidia beryllina	Cirripedia
Menidia beryllina	Arachnida
Menidia beryllina	Taphromysis louisianae
Menidia beryllina	Pinnotheres
Menidia beryllina	Palaemonetes

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

Menidia beryllina	Labidocera aestiva
Menidia beryllina	Eurytemora hirundoides
Menidia beryllina	Edotia triloba
Menidia beryllina	Corophium
Menidia beryllina	Caligus
Menidia beryllina	Acartia tonsa
Menidia beryllina	Gastropoda
Menidia beryllina	Bivalvia
Menidia beryllina	Polychaeta
Menidia beryllina	Nereididae
Menidia beryllina	Diopatra cuprea
Menidia beryllina	Coscinodiscus
Cynoscion nebulosus	Plantae
Cynoscion nebulosus	Sand
Cynoscion nebulosus	Detritus
Cynoscion nebulosus	Menidia beryllina
Cynoscion nebulosus	Actinopterygii
Cynoscion nebulosus	Brevoortia patronus
Cynoscion nebulosus	Anchoa mitchilli
Cynoscion nebulosus	Chordata
Cynoscion nebulosus	Tanaidae
Cynoscion nebulosus	Decapoda
Cynoscion nebulosus	Mysidae
Cynoscion nebulosus	Gammaridae
Cynoscion nebulosus	Farfantepenaeus aztecus
Cynoscion nebulosus	Palaemonetes
Cynoscion nebulosus	Palaemonetes pugio
Cynoscion nebulosus	Mysidopsis
Cynoscion nebulosus	Alpheus
Cynoscion nebulosus	Arthropoda
Cynoscion nebulosus	Bivalvia
Cynoscion nebulosus	Mollusca
Cynoscion nebulosus	Polychaeta
Cynoscion nebulosus	Annelida
Mugil cephalus	Silt
Mugil cephalus	Sand
Mugil cephalus	Detritus
Mugil cephalus	Prorocentrum

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

Mugil cephalus	Prorocentrum micans
Mugil cephalus	Gymnodinium
Mugil cephalus	Pyrrophycophyta
Mugil cephalus	Euglena
Mugil cephalus	Nostoc
Mugil cephalus	Merismopedia
Mugil cephalus	Dactylococcopsis
Mugil cephalus	Chroococcus
Mugil cephalus	Aphanocapsa
Mugil cephalus	Anabaena
Mugil cephalus	Hymenomonas
Mugil cephalus	Campylodiscus
Mugil cephalus	Scenedesmus
Mugil cephalus	Acutodesmus acuminatus
Mugil cephalus	Kirchneriella
Mugil cephalus	Chlorophyta
Mugil cephalus	Cosmarium
Mugil cephalus	Chlorophyceae
Mugil cephalus	Closteriopsis
Mugil cephalus	Thalassiothrix
Mugil cephalus	Thalassionema frauenfeldii
Mugil cephalus	Thalassionema nitzschioides
Mugil cephalus	Thalassiosira
Mugil cephalus	Tabellaria fenestrata
Mugil cephalus	Synedra
Mugil cephalus	Tabularia fasciculata
Mugil cephalus	Surirella
Mugil cephalus	Gyrosigma acuminatum
Mugil cephalus	Gyrosigma
Mugil cephalus	Grammatophora
Mugil cephalus	Fragilaria
Mugil cephalus	Fragilaria crotonensis
Mugil cephalus	Staurosira construens
Mugil cephalus	Fragilaria brevistriata
Mugil cephalus	Stichosiphon
Mugil cephalus	Plantae
Mugil cephalus	Skeletonema costatum
Mugil cephalus	Pleurosigma

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

Mugil cephalus	Bacillariophycidae
Mugil cephalus	Opephora
Mugil cephalus	Martyana martyi
Mugil cephalus	Nitzschia
Mugil cephalus	Tryblionella compressa
Mugil cephalus	Nitzschia closterium
Mugil cephalus	Tryblionella apiculata
Mugil cephalus	Neidium
Mugil cephalus	Navicula
Mugil cephalus	Navicula rhynchocephala
Mugil cephalus	Navicula radiosa
Mugil cephalus	Fallacia pygmaea
Mugil cephalus	Caloneis
Mugil cephalus	Geissleria thingvallae
Mugil cephalus	Craticula halophila
Mugil cephalus	Craticula accomoda
Mugil cephalus	Melosira
Mugil cephalus	Mastogloia
Mugil cephalus	Licmophora
Mugil cephalus	Palmeria hardmaniana
Mugil cephalus	Diploneis
Mugil cephalus	Cymbella
Mugil cephalus	Cyclotella
Mugil cephalus	Coscinodiscus
Mugil cephalus	Coscinodiscus radiatus
Mugil cephalus	Coscinodiscus granii
Mugil cephalus	Coscinodiscus excentricus
Mugil cephalus	Cocconeis
Mugil cephalus	Cocconeis placentula
Mugil cephalus	Climacosphenia moniligera
Mugil cephalus	Chaetoceros
Mugil cephalus	Chaetoceros compressus
Mugil cephalus	Centrales
Mugil cephalus	Biddulphia
Mugil cephalus	Bacillaria paxillifer
Mugil cephalus	Asterionella japonica
Mugil cephalus	Asterionella
Mugil cephalus	Curculionidae

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

Mugil cephalus	Amphiprora
Mugil cephalus	Amphipleura pellucida
Mugil cephalus	Achnanthes
Mugil cephalus	Planothidium hauckianum
Cynoscion arenarius	Detritus
Cynoscion arenarius	Actinopterygii
Cynoscion arenarius	Anchoa mitchilli
Cynoscion arenarius	Mysidae
Cynoscion arenarius	Gammaridae
Cynoscion arenarius	Penaeidae
Cynoscion arenarius	Palaemonetes pugio
Cynoscion arenarius	Ogyrides
Cynoscion arenarius	Americamysis almyra
Cynoscion arenarius	Caligus
Cynoscion arenarius	Polychaeta
Archosargus probatocephalus	Plantae
Archosargus probatocephalus	Sand
Archosargus probatocephalus	Detritus
Archosargus probatocephalus	Telmatogetoninae
Archosargus probatocephalus	Tanaidae
Archosargus probatocephalus	Mysidae
Archosargus probatocephalus	Harpacticoida
Archosargus probatocephalus	Gammaridae
Archosargus probatocephalus	Formicidae
Archosargus probatocephalus	Pleocyemata
Archosargus probatocephalus	Calanoida
Archosargus probatocephalus	Mysidopsis
Archosargus probatocephalus	Eurytemora hirundoides
Archosargus probatocephalus	Eurypanopeus depressus
Archosargus probatocephalus	Corophium
Archosargus probatocephalus	Callinectes sapidus
Archosargus probatocephalus	Bivalvia
Archosargus probatocephalus	Laevicardium
Archosargus probatocephalus	Serpulidae
Archosargus probatocephalus	Polychaeta
Archosargus probatocephalus	Foraminiferida
Archosargus probatocephalus	Chlorophyta
Archosargus probatocephalus	Cyanobacteria

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

Paralichthys lethostigma	Detritus
Paralichthys lethostigma	Actinopterygii
Paralichthys lethostigma	Archosargus probatocephalus
Paralichthys lethostigma	Micropogonias undulatus
Paralichthys lethostigma	Decapoda
Paralichthys lethostigma	Palaemonetes pugio
Paralichthys lethostigma	Gastropoda
Paralichthys lethostigma	Bivalvia
Paralichthys lethostigma	Macoma
Paralichthys lethostigma	Brachidontes exustus
Brevoortia patronus	Silt
Brevoortia patronus	Sand
Brevoortia patronus	Detritus
Brevoortia patronus	Procoentrum
Brevoortia patronus	Procoentrum micans
Brevoortia patronus	Protozoa
Brevoortia patronus	Pyrrophyta
Brevoortia patronus	Oscillatoria
Brevoortia patronus	Dactylococcopsis
Brevoortia patronus	Chroococcus
Brevoortia patronus	Anabaena
Brevoortia patronus	Chromista
Brevoortia patronus	Westella botryoides
Brevoortia patronus	Tetraedron
Brevoortia patronus	Scenedesmus quadricauda
Brevoortia patronus	Scenedesmus
Brevoortia patronus	Acutodesmus acuminatus
Brevoortia patronus	Kirchneriella
Brevoortia patronus	Crucigenia
Brevoortia patronus	Cosmarium
Brevoortia patronus	Chlorophyceae
Brevoortia patronus	Thalassiothrix
Brevoortia patronus	Thalassionema nitzschioides
Brevoortia patronus	Thalassiosira
Brevoortia patronus	Synedra
Brevoortia patronus	Guinardia flaccida
Brevoortia patronus	Plantae
Brevoortia patronus	Skeletonema costatum

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

Brevoortia patronus	Bacillariophycidae
Brevoortia patronus	Nitzschia
Brevoortia patronus	Pseudo-nitzschia pungens
Brevoortia patronus	Tryblionella compressa
Brevoortia patronus	Nitzschia closterium
Brevoortia patronus	Tryblionella apiculata
Brevoortia patronus	Navicula
Brevoortia patronus	Fallacia pygmaea
Brevoortia patronus	Diatoma
Brevoortia patronus	Cyclotella
Brevoortia patronus	Coscinodiscus
Brevoortia patronus	Coscinodiscus radiatus
Brevoortia patronus	Coscinodiscus granii
Brevoortia patronus	Coscinodiscus excentricus
Brevoortia patronus	Chaetoceros
Brevoortia patronus	Centrales
Brevoortia patronus	Asterionella japonica
Brevoortia patronus	Achnanthes
Brevoortia patronus	Planothidium hauckianum
Brevoortia patronus	Karayevia clevei
Bairdiella chrysoura	Plantae
Bairdiella chrysoura	Detritus
Bairdiella chrysoura	Actinopterygii
Bairdiella chrysoura	Archosargus probatocephalus
Bairdiella chrysoura	Decapoda
Bairdiella chrysoura	Mysidae
Bairdiella chrysoura	Gammaridae
Bairdiella chrysoura	Americamysis almyra
Bairdiella chrysoura	Cassinidea lunifrons
Bairdiella chrysoura	Callinectes sapidus
Ictalurus furcatus	Detritus
Ictalurus furcatus	Palaemonidae
Ictalurus furcatus	Annelida
Ictalurus furcatus	Mollusca
Porichthys porosissimus	Detritus
Porichthys porosissimus	Lophogastrida
Porichthys porosissimus	Crustacea
Polydactylus octonemus	Penaeidae

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

Polydactylus octonemus	Crustacea
Polydactylus octonemus	Detritus
Polydactylus octonemus	Lophogastrida
Bagre marinus	Crustacea
Bagre marinus	Penaeidae
Bagre marinus	Chromista
Bagre marinus	Animalia
Bagre marinus	Actinopterygii
Bagre marinus	Detritus
Ariopsis felis	Actinopterygii
Ariopsis felis	Mollusca
Ariopsis felis	Annelida
Ariopsis felis	Insecta
Ariopsis felis	Lophogastrida
Ariopsis felis	Penaeidae
Ariopsis felis	Chromista
Ariopsis felis	Animalia
Ariopsis felis	Detritus
Micropogonias undulatus	Palaemonidae
Micropogonias undulatus	Animalia
Micropogonias undulatus	Annelida
Micropogonias undulatus	Nematoda
Micropogonias undulatus	Amphipoda
Micropogonias undulatus	Tintinnida
Micropogonias undulatus	Mysida
Micropogonias undulatus	Chromista
Leiostomus xanthurus	Mollusca
Leiostomus xanthurus	Protozoa
Cynoscion arenarius	Mysidopsis
Bairdiella chrysoura	Penaeus
Bairdiella chrysoura	Deuterostomia
Bairdiella chrysoura	Crustacea
Bairdiella chrysoura	Lophogastrida
Anchoa mitchilli	Anchoa
Anchoa mitchilli	Insecta
Anchoa mitchilli	Amphipoda
Anchoa mitchilli	Annelida
Anchoa mitchilli	Gastropoda

Appendix 9 - List of references, unique predators and prey, and unique interactions for San Antonio Bay

Anchoa mitchilli	Protozoa
Anchoa mitchilli	Rotifera
Anchoa mitchilli	Chromista
Anchoa mitchilli	Animalia
Anchoa mitchilli	Mysidopsis
Dorosoma petenense	Gastropoda
Dorosoma petenense	Ostracoda
Dorosoma petenense	Chromista
Dorosoma petenense	Detritus
Dorosoma cepedianum	Animalia
Dorosoma cepedianum	Gastropoda
Dorosoma cepedianum	Protozoa
Dorosoma cepedianum	Chromista
Dorosoma cepedianum	Detritus
Brevoortia patronus	Texadina spinctostoma
Brevoortia patronus	Nematoda
Brevoortia patronus	Mysida
Brevoortia patronus	Ostracoda
Brevoortia patronus	Mollusca
Brevoortia patronus	Animalia
Brevoortia patronus	Pediastrum
Brevoortia patronus	Curculionidae
Brevoortia patronus	Tintinnida
Brevoortia patronus	Brachionus
Brevoortia patronus	Synchaeta
Brevoortia patronus	Keratella
Brevoortia gunteri	Protozoa
Brevoortia gunteri	Gastropoda
Brevoortia gunteri	Detritus
Brevoortia gunteri	Chlorophyta
Brevoortia gunteri	Chromista
Pogonias cromis	Sciaenidae
Pogonias cromis	Leiostomus xanthurus
Pogonias cromis	Anchoa mitchilli
Sciaenops ocellatus	Sciaenidae
Cynoscion nebulosus	Sciaenidae
Cynoscion nebulosus	Leiostomus xanthurus
Cynoscion nebulosus	Lagodon rhomboides

Appendix 10

List of reference IDs accessed from GoMexSI on 10 September 2018, the number of and list of unique predators, prey, and species interactions for Corpus Christi Bay.

See attached PDF file: Appendix 10 – Corpus Christi Bay interaction data.

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

reference	predator	prey	List of unique interactions	
14	56	399	974	
ACT_10K	Aetobatus narinari	Abra aequalis	Lepidochelys kempii	Detritus
ACT_15M	Anatidae	Acartia tonsa	Lepidochelys kempii	Pleocymata
ACT_25M	Anchoa mitchilli	Achnanthes	Lepidochelys kempii	Dendrobranchiata
ACT_27C	Archosargus probatocephalus	Acrididae	Lepidochelys kempii	Plantae
ACT_33M	Ariopsis felis	Acteocina canaliculata	Lepidochelys kempii	Actinopterygii
ACT_3N	Atractosteus spatula	Actiniaria	Lepidochelys kempii	Mollusca
AVE_2B	Aythya americana	Actinopterygii	Lepidochelys kempii	Aluminum
AVE_2G	Bagre marinus	Acutodesmus acuminatus	Lepidochelys kempii	Styrofoam
AVE_3G	Bairdiella chrysoura	Alitta succinea	Lepidochelys kempii	Organic
AVE_4M	Branta	Alophia drummondii	Lepidochelys kempii	plastic
MAM_1K	Branta canadensis	Alpheus	Lepidochelys kempii	Dytiscidae
MAM_1R	Branta hutchinsii	Aluminum	Lepidochelys kempii	Virgularia
REP_2S	Brevoortia patronus	Ambrosia psilostachya	Lepidochelys kempii	Hydroidolina
REP_3P	Caranx hippos	Americamysis almyra	Lepidochelys kempii	Cnidaria
	Carcharhinus	Americoliva sayana	Lepidochelys kempii	Mellita quinquiesperforata
	Caretta caretta	Amphipleura pellucida	Lepidochelys kempii	Sediment
	Chaetodipterus faber	Amphipoda	Lepidochelys kempii	Leptogorgia setacea
	Chen caerulescens	Amphiprora	Lepidochelys kempii	Chelonibia testudinaria
	Coryphaena hippurus	Anabaena	Lepidochelys kempii	Annelida
	Cynoscion	Anchoa	Lepidochelys kempii	Diopatra cuprea
	Cynoscion arenarius	Anchoa mitchilli	Lepidochelys kempii	Insecta
	Cynoscion nebulosus	Andropogon	Lepidochelys kempii	Aves
	Cynoscion nothus	Animalia	Lepidochelys kempii	Physalia
	Cyprinodon variegatus	Annelida	Lepidochelys kempii	Litopenaeus setiferus
	Dasyatis sabina	Anomalocardia puella	Lepidochelys kempii	Penaeidae
	Elops saurus	Aphanocapsa	Lepidochelys kempii	Penaeus
	Epinephelus itajara	Arachnida	Lepidochelys kempii	Syringodium filiforme
	Fundulus grandis	Archosargus probatocephalus	Lepidochelys kempii	Ulva
	Fundulus similis	Arcuatula papyria	Lepidochelys kempii	Eichhornia
	Grus canadensis	Arenaes cribrarius	Lepidochelys kempii	Thalassia testudinum
	Hyporthodus nigritus	Arenicola cristata	Lepidochelys kempii	Magnoliopsida
	Istiophorus platypterus	Ariopsis felis	Lepidochelys kempii	Chlorophyta
	Kogia sima	Aristaeomorpha foliacea	Lepidochelys kempii	Gracilaria
	Lagodon rhomboides	Arthropoda	Lepidochelys kempii	Halodule wrightii
	Leiostomus xanthurus	Asterionella	Lepidochelys kempii	Sargassum
	Lepidochelys kempii	Asterionella japonica	Lepidochelys kempii	Leiostomus xanthurus

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Lutjanus campechanus	Astyris lunata	Lepidochelys kempii	Stellifer lanceolatus
Megalops atlanticus	Atrina	Lepidochelys kempii	Gastropoda
Menidia beryllina	Aves	Lepidochelys kempii	Pyrgocythara plicosa
Menticirrhus	Bacillaria paxillifer	Lepidochelys kempii	Kurtziella
Micropogonias undulatus	Bacillariophycidae	Lepidochelys kempii	Astyris lunata
Mugil cephalus	Bacopa monnieri	Lepidochelys kempii	Boonea seminuda
Paralichthys lethostigma	Bairdiella	Lepidochelys kempii	Chione cancellata
Pogonias cromis	Biddulphia	Lepidochelys kempii	Corbula contracta
Pomatomus saltatrix	Bittiolum varium	Lepidochelys kempii	Phrontis vibex
Pristis pectinata	Bivalvia	Lepidochelys kempii	Terebra dislocata
Rachycentron canadum	Bolboschoenus robustus	Lepidochelys kempii	Stramonita haemastoma
Rhinoptera bonasus	Boonea bisuturalis	Lepidochelys kempii	Crepidula
Sarda sarda	Boonea seminuda	Lepidochelys kempii	Cavolinia longirostris
Sciaenops ocellatus	Borrchia frutescens	Lepidochelys kempii	Recluzia rollandiana
Scomberomorus cavalla	Bowmaniella brasiliensis	Lepidochelys kempii	Abra aequalis
Scomberomorus maculatus	Brachidontes exustus	Lepidochelys kempii	Americoliva sayana
Sphyrna tiburo	Brachionus	Lepidochelys kempii	Dinocardium robustum
Stenella frontalis	Brevoortia	Lepidochelys kempii	Litiopa melanostoma
Trachinotus carolinus	Brevoortia patronus	Lepidochelys kempii	Tagelus plebeius
Tursiops truncatus	Calanoida	Lepidochelys kempii	Costoanachis avara
	Calappa	Lepidochelys kempii	Donax variabilis
	Caligus	Lepidochelys kempii	Mulinia lateralis
	Callinectes sapidus	Lepidochelys kempii	Ischadium recurvum
	Callinectes similis	Lepidochelys kempii	Parvanachis obesa
	Calliostoma	Lepidochelys kempii	Atrina
	Callisia micrantha	Lepidochelys kempii	Nuculana concentrica
	Caloneis	Lepidochelys kempii	Neverita duplicata
	Campylodiscus	Lepidochelys kempii	Bivalvia
	Caprellidae	Lepidochelys kempii	Nassarius acutus
	Carex	Lepidochelys kempii	Pagurus
	Cassidinidea lunifrons	Lepidochelys kempii	Persephona
	Cavolinia longirostris	Lepidochelys kempii	Ovalipes
	Centrales	Lepidochelys kempii	Calappa
	Ceratopogonidae	Lepidochelys kempii	Callinectes similis
	Cerithideopsis pliculosa	Lepidochelys kempii	Portunus gibbesii
	Cerithium lutosum	Lepidochelys kempii	Hepatus
	Chaerophyllum	Lepidochelys kempii	Libinia
	Chaetoceros	Lepidochelys kempii	Callinectes sapidus

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Chaetoceros compressus	Lepidochelys kempii	Cirripedia
Chelonibia testudinaria	Lepidochelys kempii	Kurtziella limonitella
Chione cancellata	Lepidochelys kempii	Menippe adina
Chironomidae	Lepidochelys kempii	Isocheles wurdemanni
Chloris	Lepidochelys kempii	Arenaeus cribrarius
Chlorophyceae	Grus canadensis	Sand
Chlorophyta	Grus canadensis	Detritus
Chloroscombrus chrysurus	Grus canadensis	Coleoptera
Chordata	Grus canadensis	Orthoptera
Chromista	Grus canadensis	Gastropoda
Chroococcus	Grus canadensis	Lepidoptera
Cirripedia	Grus canadensis	Sagittaria latifolia
Cirsium	Grus canadensis	Oxalis drummondii
Cladophora	Grus canadensis	Callisia micrantha
Clibanarius vittatus	Grus canadensis	Quercus
Climacosphenia moniligera	Grus canadensis	Alophia drummondii
Closteriopsis	Grus canadensis	Sorghum bicolor
Clupeidae	Grus canadensis	Nymphaea elegans
Cnidaria	Grus canadensis	Cyperus
Cocconeis	Grus canadensis	Mollusca
Cocconeis placentula	Grus canadensis	Insecta
Coleoptera	Grus canadensis	Acrididae
Copepoda	Grus canadensis	Gryllidae
Corbula contracta	Grus canadensis	Dascillidae
Corophium	Grus canadensis	Plantae
Corydalis	Grus canadensis	Triticum
Coscinodiscus	Grus canadensis	Zea mays
Coscinodiscus excentricus	Grus canadensis	Planorbidae
Coscinodiscus granii	Grus canadensis	Eleocharis
Coscinodiscus radiatus	Grus canadensis	Oryza sativa
Cosmarium	Cyprinodon variegatus	Plantae
Costoanachis avara	Cyprinodon variegatus	Chlorophyta
Coullana canadensis	Cyprinodon variegatus	Insecta
Craticula accomoda	Cyprinodon variegatus	Oligochaeta
Craticula halophila	Cyprinodon variegatus	Cyanobacteria
Crepidula	Cyprinodon variegatus	Detritus
Crepidula convexa	Cyprinodon variegatus	Mud
Crepidula plana	Cyprinodon variegatus	Annelida

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Crucigenia	Cyprinodon variegatus	Amphipoda
Crustacea	Cyprinodon variegatus	Sand
Cucumis melo	Cyprinodon variegatus	Actinopterygii
Curculionidae	Cyprinodon variegatus	Porifera
Cyanobacteria	Cyprinodon variegatus	Bivalvia
Cyclopoida	Cyprinodon variegatus	Crustacea
Cyclotella	Cyprinodon variegatus	Polychaeta
Cymbella	Cyprinodon variegatus	Khakista
Cynodon dactylon	Cyprinodon variegatus	Nostoc
Cynosciadium	Cyprinodon variegatus	Oscillatoria
Cynoscion	Cyprinodon variegatus	Spirogyra
Cyperus	Cyprinodon variegatus	Anabaena
Dactylococcopsis	Cyprinodon variegatus	Lyngbya
Dascillidae	Cyprinodon variegatus	Cladophora
Decapoda	Cyprinodon variegatus	Ulva
Dendrobranchiata	Pogonias cromis	Insecta
Detritus	Pogonias cromis	Animalia
Deuterostomia	Pogonias cromis	Anomalocardia puella
Diatoma	Pogonias cromis	Bittium varium
Dinocardium robustum	Pogonias cromis	Mollusca
Diodella teres	Pogonias cromis	Laevicardium
Diopatra cuprea	Pogonias cromis	Neritina
Diploneis	Pogonias cromis	Chione cancellata
Diptera	Pogonias cromis	Haminoea antillarum
Distichlis spicata	Pogonias cromis	Raeta plicatella
Donax	Pogonias cromis	Donax
Donax variabilis	Pogonias cromis	Mulinia lateralis
Dormitator maculatus	Pogonias cromis	Ischadium recurvum
Dyspanopeus texanus	Pogonias cromis	Brachidontes exustus
Dytiscidae	Pogonias cromis	Tagelus plebeius
Echinochloa colona	Pogonias cromis	Texadina barretti
Edotia triloba	Aythya americana	Detritus
Eichhornia	Aythya americana	Animalia
Eleocharis	Aythya americana	Amphipoda
Eleocharis quadrangulata	Aythya americana	Isopoda
Engraulidae	Aythya americana	Tellina
Ephemeroptera	Aythya americana	Polymesoda floridana
Eragrostis	Aythya americana	Saccella acuta

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Ergasilus	Aythya americana	Mulinia lateralis
Euceramus	Aythya americana	Macoma
Euglena	Aythya americana	Lyonsia hyalina
Eurypanopeus depressus	Aythya americana	Laevicardium
Eurytemora	Aythya americana	Brachidontes exustus
Eurytemora hirundoides	Aythya americana	Anomalocardia puella
Fallacia pygmaea	Aythya americana	Arcuatula papyria
Farfantepenaeus aztecus	Aythya americana	Vitrinella
fecal pellets	Aythya americana	Turbonilla interrupta
Festuca	Aythya americana	Turbonilla
Foraminiferida	Aythya americana	Sayella hemphillii
Formicidae	Aythya americana	Schwartziella catesbyana
Forminifera	Aythya americana	Pyrgocythara plicosa
Fragilaria	Aythya americana	Pyramidellidae
Fragilaria brevistriata	Aythya americana	Polinices
Fragilaria crotonensis	Aythya americana	Olivella watermani
Fundulus grandis	Aythya americana	Olivella minuta
Fundulus similis	Aythya americana	Boonea bisuturalis
Gammaridae	Aythya americana	Neritina
Gammarus mucronatus	Aythya americana	Natica
Gastropoda	Aythya americana	Phrontis vibex
Geissleria thingvallae	Aythya americana	Nassarius acutus
Geranium	Aythya americana	Astyris lunata
Gracilaria	Aythya americana	Melanella
Grammatophora	Aythya americana	Bittium varium
Gryllidae	Aythya americana	Crepidula convexa
Guinardia flaccida	Aythya americana	Cerithium lutosum
Gymnodinium	Aythya americana	Cerithideopsis pliculosa
Gyrosigma	Aythya americana	Calliostoma
Gyrosigma acuminatum	Aythya americana	Meioceras nitidum
Halodule	Aythya americana	Parvanachis obesa
Halodule wrightii	Aythya americana	Costoanachis avara
Haminoea antillarum	Aythya americana	Japonactaeon punctostriatus
Harpacticoida	Aythya americana	Acteocina canaliculata
Heliotropium indicum	Aythya americana	Plantae
Hepatus	Aythya americana	Ruppia
Hippolyte	Aythya americana	Halodule
Hydrachnidia	Aythya americana	Decapoda

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Hydroidolina	Aythya americana	Bivalvia
Hymenomonas	Aythya americana	Syringodium
Insecta	Aythya americana	Thalassia
Invertebrata	Chen caerulescens	Oryza sativa
Ipomoea	Chen caerulescens	Eleocharis quadrangulata
Ipomoea batatas	Chen caerulescens	Juncus
Ischadium recurvum	Chen caerulescens	Bolboschoenus robustus
Isocheles wurdemanni	Chen caerulescens	Distichlis spicata
Isopoda	Branta	Oryza sativa
Iva	Branta	Cynodon dactylon
Japonactaeon punctostriatus	Branta	Juncus
Juncus	Anatidae	Ipomoea batatas
Karayevia clevei	Anatidae	Spartina alterniflora
Khakista	Anatidae	Vaccinium
Kirchneriella	Anatidae	Borrchia frutescens
Kurtziella	Anatidae	Distichlis spicata
Kurtziella limonitella	Anatidae	Pisum sativum
Labidocera aestiva	Anatidae	Actinopterygii
Laevicardium	Anatidae	Detritus
Lagocephalus laevigatus	Anatidae	Plantae
Lagodon rhomboides	Anatidae	Corydalis
Lathyrus pusillus	Anatidae	Medicago polymorpha
Leiostomus xanthurus	Anatidae	Geranium
Lepidoptera	Anatidae	Diodella teres
Leptocheilia	Anatidae	Iva
Leptogorgia setacea	Anatidae	Sporobolus
Libinia	Anatidae	Chloris
Licmophora	Anatidae	Oxalis
Linum usitatissimum	Anatidae	Echinochloa colona
Litiopa melanostoma	Anatidae	Cyperus
Litopenaeus setiferus	Anatidae	Cucumis melo
Loligo	Anatidae	Ambrosia psilostachya
Lucania parva	Anatidae	Ipomoea
Lyngbya	Anatidae	Sorghum halepense
Lyonsia hyalina	Anatidae	Cynosciadium
Macoma	Anatidae	Polygonum
Magnoliopsida	Anatidae	Chaerophyllum
Martyana martyi	Anatidae	Chlorophyta

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Mastogloia	Anatidae	Heliotropium indicum
Medicago polymorpha	Anatidae	Cynodon dactylon
Meioceras nitidum	Anatidae	Paspalum
Melanella	Anatidae	Lathyrus pusillus
Mellita quinquiesperforata	Anatidae	Bacopa monnieri
Melosira	Anatidae	Rumex acetosella
Menidia beryllina	Anatidae	Panicum
Menippe adina	Anatidae	Spartina
Merismopedia	Anatidae	Linum usitatissimum
Micropogonias undulatus	Anatidae	Nasturtium officinal
Mitrella lunata	Anatidae	Sorghum bicolor
Mollusca	Anatidae	Zea mays
Monanthochloe littoralis	Anatidae	Oryza sativa
Mud	Anatidae	Cirsium
Mugil cephalus	Anatidae	Plantago
Mugilidae	Anatidae	Verbenaceae
Mulinia lateralis	Anatidae	Oenothera speciosa
Mysidae	Anatidae	Monanthochloe littoralis
Mysidopsis	Anatidae	Salicornia bigelovii
Mytilopsis leucophaeata	Chen caerulescens	Sporobolus
Nassarius acutus	Chen caerulescens	Setaria
Nasturtium officinal	Chen caerulescens	Panicum
Natica	Chen caerulescens	Eragrostis
Navicula	Chen caerulescens	Festuca
Navicula radiosa	Chen caerulescens	Paspalum
Navicula rhynchocephala	Chen caerulescens	Andropogon
Neidium	Chen caerulescens	Cyperus
Nemertea	Chen caerulescens	Carex
Neognathophausia ingens	Chen caerulescens	Polygonum
Nereididae	Chen caerulescens	Typha angustifolia
Nereis pelagica	Chen caerulescens	Schoenoplectus pungens pungens
Neritina	Chen caerulescens	Spartina
Neverita duplicata	Chen caerulescens	Spartina alterniflora
Nitzschia	Chen caerulescens	Phragmites australis
Nitzschia closterium	Branta hutchinsii	Vaccinium
Nostoc	Branta canadensis	Vaccinium
Nuculana concentrica	Branta canadensis	Paspalum
Nymphaea elegans	Branta canadensis	Bacopa monnieri

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Odonata	Branta canadensis	Cynodon dactylon
Oenothera speciosa	Caretta caretta	Virgularia presbytes
Ogyrides	Caretta caretta	plastic
Oithona	Caretta caretta	Sargassum
Oligochaeta	Kogia sima	Sargassum
Olivella minuta	Kogia sima	Aristaeomorpha foliacea
Olivella watermani	Kogia sima	Neognathophausia ingens
Ommastrephes	Kogia sima	Ommastrephes
Opephora	Kogia sima	Teuthida
Opisthonema oglinum	Scomberomorus cavalla	Teuthida
Organic	Scomberomorus cavalla	Isopoda
Orthoptera	Scomberomorus cavalla	Actinopterygii
Oryza sativa	Scomberomorus cavalla	Dormitator maculatus
Oscillatoria	Scomberomorus cavalla	Mugilidae
Ostracoda	Scomberomorus cavalla	Sciaenidae
Ovalipes	Scomberomorus cavalla	Chloroscombrus chrysurus
Oxalis	Scomberomorus cavalla	Anchoa
Oxalis drummondii	Scomberomorus cavalla	Engraulidae
Pagurus	Scomberomorus cavalla	Opisthonema oglinum
Palaemon	Scomberomorus cavalla	Clupeidae
Palaemonetes	Scomberomorus maculatus	Teuthida
Palaemonetes pugio	Scomberomorus maculatus	Actinopterygii
Palmeria hardmaniana	Scomberomorus maculatus	Cynoscion
Panicum	Scomberomorus maculatus	Sciaenidae
Paralichthys	Scomberomorus maculatus	Anchoa
Parvanachis obesa	Scomberomorus maculatus	Brevoortia patronus
Paspalum	Scomberomorus maculatus	Clupeidae
Penaeidae	Micropogonias undulatus	Actinopterygii
Penaeus	Micropogonias undulatus	Pleocyemata
Persephona	Micropogonias undulatus	Mollusca
Phragmites australis	Micropogonias undulatus	Penaeidae
Phrontis vibex	Micropogonias undulatus	Upogebiidae
Physalia	Cynoscion nothus	Amphipoda
Pinnotheres	Cynoscion nothus	Actinopterygii
Pisum sativum	Cynoscion nebulosus	Decapoda
Planorbidae	Cynoscion nebulosus	Bairdiella
Planothidium hauckianum	Cynoscion nebulosus	Actinopterygii
Plantae	Cynoscion arenarius	Decapoda

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Plantago	Cynoscion arenarius	Bairdiella
plastic	Cynoscion arenarius	Actinopterygii
Pleocyemata	Bairdiella chrysoura	Lagodon rhomboides
Pleocymata	Bairdiella chrysoura	Actinopterygii
Pleurosigma	Fundulus grandis	Plantae
Polinices	Fundulus grandis	Sand
Polychaeta	Fundulus grandis	Detritus
Polygonum	Fundulus grandis	fecal pellets
Polymesoda floridana	Fundulus grandis	Actinopterygii
Porifera	Fundulus grandis	Fundulus grandis
Portunus gibbesii	Fundulus grandis	Telmatogetoninae
Prorocentrum	Fundulus grandis	Tanaidae
Prorocentrum micans	Fundulus grandis	Decapoda
Protoperidinium	Fundulus grandis	Isopoda
Protozoa	Fundulus grandis	Insecta
Pseudodiaptomus coronatus	Fundulus grandis	Harpacticoida
Pseudo-nitzschia pungens	Fundulus grandis	Gammaridae
Pyramidellidae	Fundulus grandis	Formicidae
Pyrgocythara plicosa	Fundulus grandis	Diptera
Pyrrophytophyta	Fundulus grandis	Curculionidae
Quercus	Fundulus grandis	Pleocyemata
Raeta plicatella	Fundulus grandis	Copepoda
Rangia cuneata	Fundulus grandis	Caprellidae
Recluzia rollandiana	Fundulus grandis	Arachnida
Rumex acetosella	Fundulus grandis	Palaemonetes
Ruppia	Fundulus grandis	Palaemonetes pugio
Saccella acuta	Fundulus grandis	Leptocheilia
Sagittaria latifolia	Fundulus grandis	Gammarus mucronatus
Salicornia bigelovii	Fundulus grandis	Corophium
Sand	Fundulus grandis	Clibanarius vittatus
Sargassum	Fundulus grandis	Callinectes sapidus
Sargassum	Fundulus grandis	Alpheus
Sayella hemphillii	Fundulus grandis	Crepidula plana
Scaridae	Fundulus grandis	Polychaeta
Scenedesmus	Fundulus grandis	Nereididae
Scenedesmus quadricauda	Fundulus grandis	Alitta succinea
Schoenoplectus pungens pungens	Fundulus grandis	Nereis pelagica
Schwartziella catesbyana	Fundulus grandis	Nemertea

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Sciaenidae	Fundulus grandis	Chlorophyta
Sediment	Fundulus grandis	Cyanobacteria
Serpulidae	Fundulus grandis	Khakista
Setaria	Cyprinodon variegatus	fecal pellets
Silt	Cyprinodon variegatus	Tanaidae
Skeletonema costatum	Cyprinodon variegatus	Ostracoda
Sorghum bicolor	Cyprinodon variegatus	Harpacticoida
Sorghum halepense	Cyprinodon variegatus	Gammaridae
Spartina	Cyprinodon variegatus	Cyclopoida
Spartina alterniflora	Cyprinodon variegatus	Calanoida
Spirogyra	Cyprinodon variegatus	Cirripedia
Sporobolus	Cyprinodon variegatus	Nereididae
Staurosira construens	Cyprinodon variegatus	Foraminiferida
Stellifer lanceolatus	Lagodon rhomboides	Plantae
Stichosiphon	Lagodon rhomboides	Sand
Stramonita haemastoma	Lagodon rhomboides	Detritus
Styrofoam	Lagodon rhomboides	fecal pellets
Surirella	Lagodon rhomboides	Actinopterygii
Synedra	Lagodon rhomboides	Tanaidae
Synodus foetens	Lagodon rhomboides	Decapoda
Syringodium	Lagodon rhomboides	Serpulidae
Syringodium filiforme	Lagodon rhomboides	Mysidae
Tabellaria fenestrata	Lagodon rhomboides	Isopoda
Tabularia fasciculata	Lagodon rhomboides	Harpacticoida
Tagelus plebeius	Lagodon rhomboides	Gammaridae
Tanaidae	Lagodon rhomboides	Pleocyemata
Taphromysis louisianae	Lagodon rhomboides	Copepoda
Tellina	Lagodon rhomboides	Coleoptera
Telmatogetoninae	Lagodon rhomboides	Calanoida
Terebellidae	Lagodon rhomboides	Cirripedia
Terebra dislocata	Lagodon rhomboides	Pseudodiaptomus coronatus
Tetraedron	Lagodon rhomboides	Palaemonetes
Teuthida	Lagodon rhomboides	Oithona
Texadina barretti	Lagodon rhomboides	Ogyrides
Thalassia	Lagodon rhomboides	Mysidopsis
Thalassia testudinum	Lagodon rhomboides	Americamysis almyra
Thalassionema frauenfeldii	Lagodon rhomboides	Labidocera aestiva
Thalassionema nitzschioides	Lagodon rhomboides	Hippolyte

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Thalassiosira	Lagodon rhomboides	Gammarus mucronatus
Thalassiothrix	Lagodon rhomboides	Eurytemora hirundoides
Tozeuma carolinense	Lagodon rhomboides	Eurypanopeus depressus
Trichiurus lepturus	Lagodon rhomboides	Corophium
Trichoptera	Lagodon rhomboides	Cassidinidea lunifrons
Triticum	Lagodon rhomboides	Callinectes sapidus
Tryblionella apiculata	Lagodon rhomboides	Acartia tonsa
Tryblionella compressa	Lagodon rhomboides	Bivalvia
Turbonilla	Lagodon rhomboides	Laevicardium
Turbonilla interrupta	Lagodon rhomboides	Mytilopsis leucophaeata
Typha angustifolia	Lagodon rhomboides	Polychaeta
Ulva	Lagodon rhomboides	Nereididae
Upogebiidae	Lagodon rhomboides	Alitta succinea
Vaccinium	Lagodon rhomboides	Actiniaria
Verbenaceae	Lagodon rhomboides	Foraminiferida
Virgularia	Lagodon rhomboides	Chlorophyta
Virgularia presbytes	Lagodon rhomboides	Cyanobacteria
Vitrinella	Leiostomus xanthurus	Plantae
Westella botryoides	Leiostomus xanthurus	Sand
Xanthidae	Leiostomus xanthurus	Detritus
Zea mays	Leiostomus xanthurus	fecal pellets
	Leiostomus xanthurus	Actinopterygii
	Leiostomus xanthurus	Brevoortia patronus
	Leiostomus xanthurus	Tanaidae
	Leiostomus xanthurus	Telmatogetoninae
	Leiostomus xanthurus	Decapoda
	Leiostomus xanthurus	Ostracoda
	Leiostomus xanthurus	Odonata
	Leiostomus xanthurus	Mysidae
	Leiostomus xanthurus	Isopoda
	Leiostomus xanthurus	Insecta
	Leiostomus xanthurus	Harpacticoida
	Leiostomus xanthurus	Gammaridae
	Leiostomus xanthurus	Cyclopoida
	Leiostomus xanthurus	Ceratopogonidae
	Leiostomus xanthurus	Calanoida
	Leiostomus xanthurus	Cirripedia
	Leiostomus xanthurus	Coullana canadensis

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Leiostomus xanthurus	Pseudodiaptomus coronatus
Leiostomus xanthurus	Penaeidae
Leiostomus xanthurus	Americamysis almyra
Leiostomus xanthurus	Leptochelia
Leiostomus xanthurus	Labidocera aestiva
Leiostomus xanthurus	Gammarus mucronatus
Leiostomus xanthurus	Eurytemora hirundoides
Leiostomus xanthurus	Corophium
Leiostomus xanthurus	Callinectes sapidus
Leiostomus xanthurus	Bowmaniella brasiliensis
Leiostomus xanthurus	Acartia tonsa
Leiostomus xanthurus	Bivalvia
Leiostomus xanthurus	Rangia cuneata
Leiostomus xanthurus	Macoma
Leiostomus xanthurus	Terebellidae
Leiostomus xanthurus	Polychaeta
Leiostomus xanthurus	Nereididae
Leiostomus xanthurus	Alitta succinea
Leiostomus xanthurus	Nemertea
Leiostomus xanthurus	Foraminiferida
Leiostomus xanthurus	Cyanobacteria
Leiostomus xanthurus	Khakista
Leiostomus xanthurus	Coscinodiscus
Micropogonias undulatus	Plantae
Micropogonias undulatus	Sand
Micropogonias undulatus	Detritus
Micropogonias undulatus	fecal pellets
Micropogonias undulatus	Anchoa mitchilli
Micropogonias undulatus	Telmatogetoninae
Micropogonias undulatus	Tanaidae
Micropogonias undulatus	Decapoda
Micropogonias undulatus	Ostracoda
Micropogonias undulatus	Mysidae
Micropogonias undulatus	Insecta
Micropogonias undulatus	Harpacticoida
Micropogonias undulatus	Gammaridae
Micropogonias undulatus	Diptera
Micropogonias undulatus	Cyclopoida

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Micropogonias undulatus	Copepoda
Micropogonias undulatus	Chironomidae
Micropogonias undulatus	Coullana canadensis
Micropogonias undulatus	Pseudodiaptomus coronatus
Micropogonias undulatus	Litopenaeus setiferus
Micropogonias undulatus	Palaemonetes
Micropogonias undulatus	Palaemonetes pugio
Micropogonias undulatus	Ogyrides
Micropogonias undulatus	Dyspanopeus texanus
Micropogonias undulatus	Mysidopsis
Micropogonias undulatus	Americamysis almyra
Micropogonias undulatus	Leptocheilia
Micropogonias undulatus	Labidocera aestiva
Micropogonias undulatus	Gammarus mucronatus
Micropogonias undulatus	Eurytemora
Micropogonias undulatus	Eurytemora hirundoides
Micropogonias undulatus	Corophium
Micropogonias undulatus	Caligus
Micropogonias undulatus	Bowmaniella brasiliensis
Micropogonias undulatus	Acartia tonsa
Micropogonias undulatus	Gastropoda
Micropogonias undulatus	Bivalvia
Micropogonias undulatus	Neritina
Micropogonias undulatus	Mulinia lateralis
Micropogonias undulatus	Polychaeta
Micropogonias undulatus	Nereididae
Micropogonias undulatus	Alitta succinea
Micropogonias undulatus	Arenicola cristata
Micropogonias undulatus	Brachionus
Micropogonias undulatus	Foraminiferida
Micropogonias undulatus	Chlorophyta
Micropogonias undulatus	Coscinodiscus
Sciaenops ocellatus	Plantae
Sciaenops ocellatus	Sand
Sciaenops ocellatus	Detritus
Sciaenops ocellatus	Actinopterygii
Sciaenops ocellatus	Mugil cephalus
Sciaenops ocellatus	Micropogonias undulatus

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Sciaenops ocellatus	Lucania parva
Sciaenops ocellatus	Leiostomus xanthurus
Sciaenops ocellatus	Fundulus similis
Sciaenops ocellatus	Brevoortia patronus
Sciaenops ocellatus	Anchoa mitchilli
Sciaenops ocellatus	Chordata
Sciaenops ocellatus	Xanthidae
Sciaenops ocellatus	Tanaidae
Sciaenops ocellatus	Decapoda
Sciaenops ocellatus	Mysidae
Sciaenops ocellatus	Isopoda
Sciaenops ocellatus	Gammaridae
Sciaenops ocellatus	Ephemeroptera
Sciaenops ocellatus	Pleocyemata
Sciaenops ocellatus	Copepoda
Sciaenops ocellatus	Tozeuma carolinense
Sciaenops ocellatus	Penaeidae
Sciaenops ocellatus	Farfantepenaeus aztecus
Sciaenops ocellatus	Palaemonetes
Sciaenops ocellatus	Palaemonetes pugio
Sciaenops ocellatus	Palaemon
Sciaenops ocellatus	Mysidopsis
Sciaenops ocellatus	Hippolyte
Sciaenops ocellatus	Gammarus mucronatus
Sciaenops ocellatus	Ergasilus
Sciaenops ocellatus	Corophium
Sciaenops ocellatus	Callinectes sapidus
Sciaenops ocellatus	Bowmaniella brasiliensis
Sciaenops ocellatus	Arthropoda
Sciaenops ocellatus	Bivalvia
Sciaenops ocellatus	Mitrella lunata
Sciaenops ocellatus	Mollusca
Sciaenops ocellatus	Polychaeta
Sciaenops ocellatus	Nereididae
Sciaenops ocellatus	Alitta succinea
Sciaenops ocellatus	Diopatra cuprea
Sciaenops ocellatus	Annelida
Fundulus similis	Plantae

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Fundulus similis	Sand
Fundulus similis	Detritus
Fundulus similis	fecal pellets
Fundulus similis	Actinopterygii
Fundulus similis	Telmatogetoninae
Fundulus similis	Tanaidae
Fundulus similis	Decapoda
Fundulus similis	Ostracoda
Fundulus similis	Isopoda
Fundulus similis	Insecta
Fundulus similis	Hydrachnidia
Fundulus similis	Harpacticoida
Fundulus similis	Gammaridae
Fundulus similis	Formicidae
Fundulus similis	Dytiscidae
Fundulus similis	Diptera
Fundulus similis	Curculionidae
Fundulus similis	Copepoda
Fundulus similis	Cirripedia
Fundulus similis	Palaemonetes
Fundulus similis	Corophium
Fundulus similis	Gastropoda
Fundulus similis	Bivalvia
Fundulus similis	Polychaeta
Fundulus similis	Nereididae
Fundulus similis	Foraminiferida
Fundulus similis	Cyanobacteria
Anchoa mitchilli	Sand
Anchoa mitchilli	Detritus
Anchoa mitchilli	Actinopterygii
Anchoa mitchilli	Trichoptera
Anchoa mitchilli	Tanaidae
Anchoa mitchilli	Decapoda
Anchoa mitchilli	Ostracoda
Anchoa mitchilli	Mysidae
Anchoa mitchilli	Harpacticoida
Anchoa mitchilli	Gammaridae
Anchoa mitchilli	Formicidae

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Anchoa mitchilli	Pleocyemata
Anchoa mitchilli	Copepoda
Anchoa mitchilli	Calanoida
Anchoa mitchilli	Cirripedia
Anchoa mitchilli	Taphromysis louisianae
Anchoa mitchilli	Pseudodiaptomus coronatus
Anchoa mitchilli	Palaemonetes
Anchoa mitchilli	Oithona
Anchoa mitchilli	Americamysis almyra
Anchoa mitchilli	Euceramus
Anchoa mitchilli	Caligus
Anchoa mitchilli	Corophium
Anchoa mitchilli	Acartia tonsa
Anchoa mitchilli	Cyanobacteria
Anchoa mitchilli	Khakista
Anchoa mitchilli	Coscinodiscus
Pogonias cromis	Detritus
Pogonias cromis	fecal pellets
Pogonias cromis	Actinopterygii
Pogonias cromis	Chordata
Pogonias cromis	Xanthidae
Pogonias cromis	Telmatogetoninae
Pogonias cromis	Tanaidae
Pogonias cromis	Decapoda
Pogonias cromis	Odonata
Pogonias cromis	Mysidae
Pogonias cromis	Gammaridae
Pogonias cromis	Diptera
Pogonias cromis	Pleocyemata
Pogonias cromis	Gammarus mucronatus
Pogonias cromis	Corophium
Pogonias cromis	Gastropoda
Pogonias cromis	Bivalvia
Pogonias cromis	Rangia cuneata
Pogonias cromis	Polychaeta
Pogonias cromis	Annelida
Pogonias cromis	Forminifera
Pogonias cromis	Protozoa

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Pogonias cromis	Chlorophyta
Menidia beryllina	Sand
Menidia beryllina	Detritus
Menidia beryllina	fecal pellets
Menidia beryllina	Actinopterygii
Menidia beryllina	Anchoa mitchilli
Menidia beryllina	Decapoda
Menidia beryllina	Ostracoda
Menidia beryllina	Insecta
Menidia beryllina	Harpacticoida
Menidia beryllina	Gammaridae
Menidia beryllina	Formicidae
Menidia beryllina	Diptera
Menidia beryllina	Calanoida
Menidia beryllina	Cirripedia
Menidia beryllina	Arachnida
Menidia beryllina	Taphromysis louisianae
Menidia beryllina	Pinnotheres
Menidia beryllina	Palaemonetes
Menidia beryllina	Labidocera aestiva
Menidia beryllina	Eurytemora hirundoides
Menidia beryllina	Edotia triloba
Menidia beryllina	Corophium
Menidia beryllina	Caligus
Menidia beryllina	Acartia tonsa
Menidia beryllina	Gastropoda
Menidia beryllina	Bivalvia
Menidia beryllina	Polychaeta
Menidia beryllina	Nereididae
Menidia beryllina	Diopatra cuprea
Menidia beryllina	Coscinodiscus
Cynoscion nebulosus	Plantae
Cynoscion nebulosus	Sand
Cynoscion nebulosus	Detritus
Cynoscion nebulosus	Menidia beryllina
Cynoscion nebulosus	Brevoortia patronus
Cynoscion nebulosus	Anchoa mitchilli
Cynoscion nebulosus	Chordata

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Cynoscion nebulosus	Tanaidae
Cynoscion nebulosus	Mysidae
Cynoscion nebulosus	Gammaridae
Cynoscion nebulosus	Farfantepenaeus aztecus
Cynoscion nebulosus	Palaemonetes
Cynoscion nebulosus	Palaemonetes pugio
Cynoscion nebulosus	Mysidopsis
Cynoscion nebulosus	Alpheus
Cynoscion nebulosus	Arthropoda
Cynoscion nebulosus	Bivalvia
Cynoscion nebulosus	Mollusca
Cynoscion nebulosus	Polychaeta
Cynoscion nebulosus	Annelida
Mugil cephalus	Silt
Mugil cephalus	Sand
Mugil cephalus	Detritus
Mugil cephalus	Prorocentrum
Mugil cephalus	Prorocentrum micans
Mugil cephalus	Gymnodinium
Mugil cephalus	Pyrrophyta
Mugil cephalus	Euglena
Mugil cephalus	Nostoc
Mugil cephalus	Merismopedia
Mugil cephalus	Dactylococcopsis
Mugil cephalus	Chroococcus
Mugil cephalus	Aphanocapsa
Mugil cephalus	Anabaena
Mugil cephalus	Hymenomonas
Mugil cephalus	Campylodiscus
Mugil cephalus	Scenedesmus
Mugil cephalus	Acutodesmus acuminatus
Mugil cephalus	Kirchneriella
Mugil cephalus	Chlorophyta
Mugil cephalus	Cosmarium
Mugil cephalus	Chlorophyceae
Mugil cephalus	Closteriopsis
Mugil cephalus	Thalassiothrix
Mugil cephalus	Thalassionema frauenfeldii

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Mugil cephalus	Thalassionema nitzschioides
Mugil cephalus	Thalassiosira
Mugil cephalus	Tabellaria fenestrata
Mugil cephalus	Synedra
Mugil cephalus	Tabularia fasciculata
Mugil cephalus	Surirella
Mugil cephalus	Gyrosigma acuminatum
Mugil cephalus	Gyrosigma
Mugil cephalus	Grammatophora
Mugil cephalus	Fragilaria
Mugil cephalus	Fragilaria crotonensis
Mugil cephalus	Staurosira construens
Mugil cephalus	Fragilaria brevistriata
Mugil cephalus	Stichosiphon
Mugil cephalus	Plantae
Mugil cephalus	Skeletonema costatum
Mugil cephalus	Pleurosigma
Mugil cephalus	Bacillariophycidae
Mugil cephalus	Opephora
Mugil cephalus	Martyana martyi
Mugil cephalus	Nitzschia
Mugil cephalus	Tryblionella compressa
Mugil cephalus	Nitzschia closterium
Mugil cephalus	Tryblionella apiculata
Mugil cephalus	Neidium
Mugil cephalus	Navicula
Mugil cephalus	Navicula rhynchocephala
Mugil cephalus	Navicula radiosa
Mugil cephalus	Fallacia pygmaea
Mugil cephalus	Caloneis
Mugil cephalus	Geissleria thingvallae
Mugil cephalus	Craticula halophila
Mugil cephalus	Craticula accomoda
Mugil cephalus	Melosira
Mugil cephalus	Mastogloia
Mugil cephalus	Licmophora
Mugil cephalus	Palmeria hardmaniana
Mugil cephalus	Diploneis

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Mugil cephalus	Cymbella
Mugil cephalus	Cyclotella
Mugil cephalus	Coscinodiscus
Mugil cephalus	Coscinodiscus radiatus
Mugil cephalus	Coscinodiscus granii
Mugil cephalus	Coscinodiscus excentricus
Mugil cephalus	Cocconeis
Mugil cephalus	Cocconeis placentula
Mugil cephalus	Climacosphenia moniligera
Mugil cephalus	Chaetoceros
Mugil cephalus	Chaetoceros compressus
Mugil cephalus	Centrales
Mugil cephalus	Biddulphia
Mugil cephalus	Bacillaria paxillifer
Mugil cephalus	Asterionella japonica
Mugil cephalus	Asterionella
Mugil cephalus	Curculionidae
Mugil cephalus	Amphiprora
Mugil cephalus	Amphipleura pellucida
Mugil cephalus	Achnanthes
Mugil cephalus	Planothidium hauckianum
Cynoscion arenarius	Detritus
Cynoscion arenarius	Anchoa mitchilli
Cynoscion arenarius	Mysidae
Cynoscion arenarius	Gammaridae
Cynoscion arenarius	Penaeidae
Cynoscion arenarius	Palaemonetes pugio
Cynoscion arenarius	Ogyrides
Cynoscion arenarius	Americamysis almyra
Cynoscion arenarius	Caligus
Cynoscion arenarius	Polychaeta
Archosargus probatocephalus	Plantae
Archosargus probatocephalus	Sand
Archosargus probatocephalus	Detritus
Archosargus probatocephalus	Telmatogetoninae
Archosargus probatocephalus	Tanaidae
Archosargus probatocephalus	Mysidae
Archosargus probatocephalus	Harpacticoida

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Archosargus probatocephalus	Gammaridae
Archosargus probatocephalus	Formicidae
Archosargus probatocephalus	Pleocyemata
Archosargus probatocephalus	Calanoida
Archosargus probatocephalus	Mysidopsis
Archosargus probatocephalus	Eurytemora hirundoides
Archosargus probatocephalus	Eurypanopeus depressus
Archosargus probatocephalus	Corophium
Archosargus probatocephalus	Callinectes sapidus
Archosargus probatocephalus	Bivalvia
Archosargus probatocephalus	Laevicardium
Archosargus probatocephalus	Serpulidae
Archosargus probatocephalus	Polychaeta
Archosargus probatocephalus	Foraminiferida
Archosargus probatocephalus	Chlorophyta
Archosargus probatocephalus	Cyanobacteria
Paralichthys lethostigma	Detritus
Paralichthys lethostigma	Actinopterygii
Paralichthys lethostigma	Archosargus probatocephalus
Paralichthys lethostigma	Micropogonias undulatus
Paralichthys lethostigma	Decapoda
Paralichthys lethostigma	Palaemonetes pugio
Paralichthys lethostigma	Gastropoda
Paralichthys lethostigma	Bivalvia
Paralichthys lethostigma	Macoma
Paralichthys lethostigma	Brachidontes exustus
Brevoortia patronus	Silt
Brevoortia patronus	Sand
Brevoortia patronus	Detritus
Brevoortia patronus	Prorocentrum
Brevoortia patronus	Prorocentrum micans
Brevoortia patronus	Protozoa
Brevoortia patronus	Pyrrophyta
Brevoortia patronus	Oscillatoria
Brevoortia patronus	Dactylococcopsis
Brevoortia patronus	Chroococcus
Brevoortia patronus	Anabaena
Brevoortia patronus	Chromista

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Brevoortia patronus	Westella botryoides
Brevoortia patronus	Tetraedron
Brevoortia patronus	Scenedesmus quadricauda
Brevoortia patronus	Scenedesmus
Brevoortia patronus	Acutodesmus acuminatus
Brevoortia patronus	Kirchneriella
Brevoortia patronus	Crucigenia
Brevoortia patronus	Cosmarium
Brevoortia patronus	Chlorophyceae
Brevoortia patronus	Thalassiothrix
Brevoortia patronus	Thalassionema nitzschioides
Brevoortia patronus	Thalassiosira
Brevoortia patronus	Synedra
Brevoortia patronus	Guinardia flaccida
Brevoortia patronus	Plantae
Brevoortia patronus	Skeletonema costatum
Brevoortia patronus	Bacillariophycidae
Brevoortia patronus	Nitzschia
Brevoortia patronus	Pseudo-nitzschia pungens
Brevoortia patronus	Tryblionella compressa
Brevoortia patronus	Nitzschia closterium
Brevoortia patronus	Tryblionella apiculata
Brevoortia patronus	Navicula
Brevoortia patronus	Fallacia pygmaea
Brevoortia patronus	Diatoma
Brevoortia patronus	Cyclotella
Brevoortia patronus	Coscinodiscus
Brevoortia patronus	Coscinodiscus radiatus
Brevoortia patronus	Coscinodiscus granii
Brevoortia patronus	Coscinodiscus excentricus
Brevoortia patronus	Chaetoceros
Brevoortia patronus	Centrales
Brevoortia patronus	Asterionella japonica
Brevoortia patronus	Achnanthes
Brevoortia patronus	Planothidium hauckianum
Brevoortia patronus	Karayevia clevei
Bairdiella chrysoura	Plantae
Bairdiella chrysoura	Detritus

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Bairdiella chrysoura	Archosargus probatocephalus
Bairdiella chrysoura	Decapoda
Bairdiella chrysoura	Mysidae
Bairdiella chrysoura	Gammaridae
Bairdiella chrysoura	Americamysis almyra
Bairdiella chrysoura	Cassinidea lunifrons
Bairdiella chrysoura	Callinectes sapidus
Leiostomus xanthurus	Deuterostomia
Archosargus probatocephalus	Actinopterygii
Archosargus probatocephalus	Dendrobranchiata
Hyporthodus nigrilus	Pleocyemata
Sarda sarda	Actinopterygii
Sarda sarda	Dendrobranchiata
Pomatomus saltatrix	Actinopterygii
Pomatomus saltatrix	Teuthida
Pomatomus saltatrix	Dendrobranchiata
Chaetodipterus faber	Deuterostomia
Chaetodipterus faber	Actinopterygii
Chaetodipterus faber	Dendrobranchiata
Paralichthys lethostigma	Deuterostomia
Paralichthys lethostigma	Brevoortia
Paralichthys lethostigma	Dendrobranchiata
Istiophorus platypterus	Actinopterygii
Istiophorus platypterus	Brevoortia
Istiophorus platypterus	Teuthida
Istiophorus platypterus	Dendrobranchiata
Istiophorus platypterus	Pleocyemata
Scomberomorus maculatus	Deuterostomia
Scomberomorus maculatus	Brevoortia
Scomberomorus maculatus	Dendrobranchiata
Scomberomorus maculatus	Pleocyemata
Cynoscion	Deuterostomia
Cynoscion	Actinopterygii
Cynoscion	Teuthida
Cynoscion	Dendrobranchiata
Cynoscion	Pleocyemata
Cynoscion nebulosus	Deuterostomia
Cynoscion nebulosus	Brevoortia

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Cynoscion nebulosus	Teuthida
Cynoscion nebulosus	Dendrobranchiata
Cynoscion nebulosus	Pleocyemata
Menticirrhus	Deuterostomia
Menticirrhus	Actinopterygii
Menticirrhus	Brevoortia
Menticirrhus	Teuthida
Menticirrhus	Dendrobranchiata
Menticirrhus	Pleocyemata
Pogonias cromis	Deuterostomia
Pogonias cromis	Dendrobranchiata
Sciaenops ocellatus	Deuterostomia
Sciaenops ocellatus	Brevoortia
Sciaenops ocellatus	Teuthida
Sciaenops ocellatus	Dendrobranchiata
Coryphaena hippurus	Deuterostomia
Coryphaena hippurus	Actinopterygii
Coryphaena hippurus	Teuthida
Coryphaena hippurus	Dendrobranchiata
Coryphaena hippurus	Pleocyemata
Lutjanus campechanus	Deuterostomia
Lutjanus campechanus	Actinopterygii
Lutjanus campechanus	Teuthida
Lutjanus campechanus	Dendrobranchiata
Lutjanus campechanus	Pleocyemata
Epinephelus itajara	Actinopterygii
Epinephelus itajara	Pleocyemata
Trachinotus carolinus	Deuterostomia
Trachinotus carolinus	Dendrobranchiata
Caranx hippos	Actinopterygii
Caranx hippos	Teuthida
Caranx hippos	Dendrobranchiata
Caranx hippos	Pleocyemata
Rachycentron canadum	Deuterostomia
Rachycentron canadum	Actinopterygii
Rachycentron canadum	Teuthida
Rachycentron canadum	Dendrobranchiata
Rachycentron canadum	Pleocyemata

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Ariopsis felis	Deuterostomia
Ariopsis felis	Actinopterygii
Ariopsis felis	Brevoortia
Ariopsis felis	Teuthida
Ariopsis felis	Dendrobranchiata
Ariopsis felis	Pleocyemata
Bagre marinus	Deuterostomia
Bagre marinus	Actinopterygii
Bagre marinus	Brevoortia
Bagre marinus	Teuthida
Bagre marinus	Dendrobranchiata
Bagre marinus	Pleocyemata
Megalops atlanticus	Deuterostomia
Megalops atlanticus	Actinopterygii
Megalops atlanticus	Brevoortia
Megalops atlanticus	Dendrobranchiata
Megalops atlanticus	Pleocyemata
Elops saurus	Deuterostomia
Elops saurus	Actinopterygii
Elops saurus	Teuthida
Elops saurus	Dendrobranchiata
Elops saurus	Pleocyemata
Atractosteus spatula	Deuterostomia
Aetobatus narinari	Dendrobranchiata
Rhinoptera bonasus	Deuterostomia
Rhinoptera bonasus	Teuthida
Rhinoptera bonasus	Dendrobranchiata
Dasyatis sabina	Deuterostomia
Dasyatis sabina	Actinopterygii
Dasyatis sabina	Dendrobranchiata
Dasyatis sabina	Pleocyemata
Pristis pectinata	Actinopterygii
Pristis pectinata	Dendrobranchiata
Sphyrna tiburo	Actinopterygii
Sphyrna tiburo	Teuthida
Sphyrna tiburo	Dendrobranchiata
Sphyrna tiburo	Pleocyemata
Carcharhinus	Deuterostomia

Appendix 10 - List of references, unique predators and prey, and unique interactions for Corpus Christi Bay

Carcharhinus	Actinopterygii
Carcharhinus	Brevoortia
Carcharhinus	Teuthida
Carcharhinus	Dendrobranchiata
Carcharhinus	Pleocyemata
Scomberomorus cavalla	Invertebrata
Scomberomorus cavalla	Dendrobranchiata
Scomberomorus cavalla	Brevoortia
Scomberomorus cavalla	Pleocyemata
Stenella frontalis	Lagodon rhomboides
Stenella frontalis	Loligo
Stenella frontalis	Penaeidae
Stenella frontalis	Dendrobranchiata
Stenella frontalis	Trichiurus lepturus
Tursiops truncatus	Loligo
Tursiops truncatus	Ariopsis felis
Tursiops truncatus	Lagocephalus laevigatus
Tursiops truncatus	Synodus foetens
Tursiops truncatus	Scaridae
Tursiops truncatus	Lagodon rhomboides
Tursiops truncatus	Trichiurus lepturus
Tursiops truncatus	Paralichthys
Tursiops truncatus	Mugil cephalus
Tursiops truncatus	Actinopterygii
Tursiops truncatus	Pleocyemata
Tursiops truncatus	Dendrobranchiata

Appendix 11

List of reference IDs accessed from GoMexSI on 10 September 2018, the number of and list of unique predators, prey, and species interactions for Upper Laguna Madre.

See attached PDF file: Appendix 11 – Upper Laguna Madre interaction data.

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

reference	predator	prey	List of unique interactions	
				1093
16	42	461		
ACT_16M	Anas acuta	Abra aequalis	Lepidochelys kempii	Detritus
ACT_25M	Anas americana	Acartia tonsa	Lepidochelys kempii	Pleocymata
ACT_27C	Anas fulvigula	Acetabularia	Lepidochelys kempii	Dendrobranchiata
ACT_42S	Anchoa mitchilli	Achirus	Lepidochelys kempii	Plantae
ACT_46M	Archosargus probatocephalus	Achnanthes	Lepidochelys kempii	Actinopterygii
ACT_47B	Ariopsis felis	Acrididae	Lepidochelys kempii	Mollusca
ACT_48M	Aythya americana	Acteocina canaliculata	Lepidochelys kempii	Aluminum
ACT_4P	Bagre marinus	Actiniaria	Lepidochelys kempii	Styrofoam
ACT_69S	Bairdiella chrysoura	Actinopterygii	Lepidochelys kempii	Organic
AVE_1B	Brevoortia patronus	Acutodesmus acuminatus	Lepidochelys kempii	plastic
AVE_2B	Carcharhinus leucas	Alitta succinea	Lepidochelys kempii	Dytiscidae
AVE_2K	Cynoscion arenarius	Alosa	Lepidochelys kempii	Virgularia
AVE_3S	Cynoscion nebulosus	Alosa pseudoharengus	Lepidochelys kempii	Hydroidolina
AVE_4M	Cyprinodon variegatus	Alpheus	Lepidochelys kempii	Cnidaria
MAM_1K	Dasyatis sabina	Alpheus heterochaelis	Lepidochelys kempii	Mellita quinquesperforata
REP_2S	Elops saurus	Aluminum	Lepidochelys kempii	Sediment
	Epinephelus itajara	Americamysis almyra	Lepidochelys kempii	Leptogorgia setacea
	Fundulus grandis	Americoliva sayana	Lepidochelys kempii	Chelonibia testudinaria
	Fundulus similis	Ampelisca	Lepidochelys kempii	Annelida
	Grus canadensis	Amphipleura pellucida	Lepidochelys kempii	Diopatra cuprea
	Lagodon rhomboides	Amphipoda	Lepidochelys kempii	Insecta
	Leiostomus xanthurus	Amphiprora	Lepidochelys kempii	Aves
	Lepidochelys kempii	Amygdalum	Lepidochelys kempii	Physalia
	Lutjanus campechanus	Amygdalum papyrium	Lepidochelys kempii	Litopenaeus setiferus
	Megalops atlanticus	Anabaena	Lepidochelys kempii	Penaeidae
	Menidia beryllina	Anchoa	Lepidochelys kempii	Penaeus
	Menticirrhus americanus	Anchoa hepsetus	Lepidochelys kempii	Syringodium filiforme
	Micropogonias undulatus	Anchoa mitchilli	Lepidochelys kempii	Ulva
	Mugil cephalus	Anguilliformes	Lepidochelys kempii	Eichhornia
	Myliobatis freminvillei	Angulus tampaensis	Lepidochelys kempii	Thalassia testudinum
	Paralichthys lethostigma	Animalia	Lepidochelys kempii	Magnoliopsida
	Pogonias cromis	Annelida	Lepidochelys kempii	Chlorophyta
	Pomatomus saltatrix	Anomalocardia	Lepidochelys kempii	Gracilaria
	Pristis pectinata	Anomalocardia auberiana	Lepidochelys kempii	Halodule wrightii
	Rachycentron canadum	Anomalocardia cuneimeris	Lepidochelys kempii	Sargassum

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Sciaenops ocellatus	Anomalocardia puella	Lepidochelys kempii	Leiostomus xanthurus
Scomberomorus cavalla	Anomia	Lepidochelys kempii	Stellifer lanceolatus
Scomberomorus maculatus	Aphanocapsa	Lepidochelys kempii	Gastropoda
Stenella frontalis	Arachnida	Lepidochelys kempii	Pyrgocythara plicosa
Synodus foetens	Arca	Lepidochelys kempii	Kurtziella
Trachinotus carolinus	Archosargus probatocephalus	Lepidochelys kempii	Astyris lunata
Tursiops truncatus	Arcuatula papyria	Lepidochelys kempii	Boonea seminuda
	Arenaeus cribrarius	Lepidochelys kempii	Chione cancellata
	Arenicola cristata	Lepidochelys kempii	Corbula contracta
	Argopecten irradians	Lepidochelys kempii	Phrontis vibex
	Ariopsis felis	Lepidochelys kempii	Terebra dislocata
	Arthropoda	Lepidochelys kempii	Stramonita haemastoma
	Asterionella	Lepidochelys kempii	Crepidula
	Asterionella japonica	Lepidochelys kempii	Cavolinia longirostris
	Astyris lunata	Lepidochelys kempii	Recluzia rollandiana
	Atherinidae	Lepidochelys kempii	Abra aequalis
	Atheriniformes	Lepidochelys kempii	Americoliva sayana
	Atrina	Lepidochelys kempii	Dinocardium robustum
	Aves	Lepidochelys kempii	Litiopa melanostoma
	Bacillaria paxillifer	Lepidochelys kempii	Tagelus plebeius
	Bacillariophycidae	Lepidochelys kempii	Costoanachis avara
	Balanus eburneus	Lepidochelys kempii	Donax variabilis
	Batea catharinensis	Lepidochelys kempii	Mulinia lateralis
	Belonidae	Lepidochelys kempii	Ischadium recurvum
	Biddulphia	Lepidochelys kempii	Parvanachis obesa
	Bittium varium	Lepidochelys kempii	Atrina
	Bivalvia	Lepidochelys kempii	Nuculana concentrica
	Blenniidae	Lepidochelys kempii	Neverita duplicata
	Bolboschoenus robustus	Lepidochelys kempii	Bivalvia
	Boonea bisuturalis	Lepidochelys kempii	Nassarius acutus
	Boonea seminuda	Lepidochelys kempii	Pagurus
	Bowmaniella brasiliensis	Lepidochelys kempii	Persephona
	Brachidontes exustus	Lepidochelys kempii	Ovalipes
	Brachionus	Lepidochelys kempii	Calappa
	Brachyura	Lepidochelys kempii	Callinectes similis
	Brasenia schreberi	Lepidochelys kempii	Portunus gibbesii
	Brevoortia	Lepidochelys kempii	Hepatus

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Brevoortia patronus	Lepidochelys kempii	Libinia
Bulla	Lepidochelys kempii	Callinectes sapidus
Calanoida	Lepidochelys kempii	Cirripedia
Calappa	Lepidochelys kempii	Kurtziella limonitella
Caligus	Lepidochelys kempii	Menippe adina
Callinectes	Lepidochelys kempii	Isocheles wurdemanni
Callinectes sapidus	Lepidochelys kempii	Arenaeus cribrarius
Callinectes similis	Anas fulvigula	Animalia
Calliostoma	Anas fulvigula	Crustacea
Caloneis	Anas fulvigula	Insecta
Campylodiscus	Anas fulvigula	Gastropoda
Cancroidea	Anas fulvigula	Actinopterygii
Capitella	Anas fulvigula	Plantae
Caprellidae	Anas fulvigula	Nelumbo lutea
Caridea	Anas fulvigula	Cucurbita foetidissima
Cassinidea lunifrons	Anas fulvigula	Paspalum acuminatum
Cavolinia longirostris	Anas fulvigula	Euphorbia bicolor
Centrales	Anas fulvigula	Diodia
Centropristis	Anas fulvigula	Sacciolepis striata
Cephalopoda	Anas fulvigula	Proserpinaca
Cerapus tubularis	Anas fulvigula	Eleocharis
Ceratophyllum demersum	Anas fulvigula	Zea mays
Ceratopogonidae	Anas fulvigula	Rhynchospora corniculata
Cerithideopsis pliculosa	Anas fulvigula	Brasenia schreberi
Cerithium lutosum	Anas fulvigula	Sagittaria graminea
Chaetoceros	Anas fulvigula	Panicum
Chaetoceros compressus	Anas fulvigula	Schrankia
Chaetodipterus faber	Anas fulvigula	Eleocharis cellulosa
Chelonibia testudinaria	Anas fulvigula	Setaria pumila
Chione cancellata	Anas fulvigula	Vigna luteola
Chironomidae	Anas fulvigula	Ceratophyllum demersum
Chlorophyceae	Anas fulvigula	Najas guadalupensis
Chlorophyta	Anas fulvigula	Potamogeton nodosus
Chordata	Anas fulvigula	Stuckenia pectinata
Chromista	Anas fulvigula	Nymphaea odorata
Chroococcus	Anas fulvigula	Leersia oryzoides
Cirripedia	Anas fulvigula	Bolboschoenus robustus

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Cladium	Anas fulvigula	Echinochloa walteri
Clibanarius vittatus	Anas fulvigula	Ruppia maritima
Climacosphenia moniligera	Anas fulvigula	Panicum dichotomiflorum
Closteriopsis	Anas fulvigula	Sesbania herbacea
Clupeidae	Anas fulvigula	Cladium
Cnidaria	Anas fulvigula	Eleocharis parvula
Cocconeis	Anas fulvigula	Najas
Cocconeis placentula	Anas fulvigula	Ruppia
Coleoptera	Anas fulvigula	Polygonum foliosum paludicola
Copepoda	Anas fulvigula	Schoenoplectus californicus
Corbula contracta	Anas fulvigula	Oryza sativa
Corophium	Anas fulvigula	Cyprinodon variegatus
Coscinodiscus	Anas fulvigula	Litopenaeus setiferus
Coscinodiscus excentricus	Anas fulvigula	Chironomidae
Coscinodiscus granii	Anas fulvigula	Amphipoda
Coscinodiscus radiatus	Anas fulvigula	Mollusca
Cosmarium	Grus canadensis	Mollusca
Costoanachis avara	Grus canadensis	Insecta
Coullana canadensis	Grus canadensis	Acrididae
Crangon	Grus canadensis	Gryllidae
Craticula accomoda	Grus canadensis	Dascillidae
Craticula halophila	Grus canadensis	Coleoptera
Crepidula	Grus canadensis	Plantae
Crepidula convexa	Grus canadensis	Cyperus
Crepidula plana	Grus canadensis	Triticum
Crucigenia	Grus canadensis	Zea mays
Crustacea	Grus canadensis	Sorghum bicolor
Ctenogobius smaragdus	Grus canadensis	Planorbidae
Cucurbita foetidissima	Grus canadensis	Lepidoptera
Curculionidae	Grus canadensis	Quercus
Cyanobacteria	Grus canadensis	Eleocharis
Cyclopoida	Grus canadensis	Oryza sativa
Cyclotella	Pogonias cromis	Insecta
Cymbella	Pogonias cromis	Animalia
Cynoscion	Pogonias cromis	Anomalocardia puella
Cynoscion arenarius	Pogonias cromis	Bittium varium
Cyperus	Pogonias cromis	Mollusca

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Cyprinodon	Pogonias cromis	Laevicardium
Cyprinodon variegatus	Pogonias cromis	Neritina
Cyrtopleura costata	Pogonias cromis	Chione cancellata
Dactylococcopsis	Pogonias cromis	Haminoea antillarum
Dascillidae	Pogonias cromis	Raeta plicatella
Decapoda	Pogonias cromis	Donax
Dendrobranchiata	Pogonias cromis	Mulinia lateralis
Detritus	Pogonias cromis	Ischadium recurvum
Diastoma varium	Pogonias cromis	Brachidontes exustus
Diatoma	Pogonias cromis	Tagelus plebeius
Dinocardium robustum	Pogonias cromis	Texadina barretti
Diodia	Aythya americana	Detritus
Diopatra cuprea	Aythya americana	Animalia
Diploneis	Aythya americana	Amphipoda
Diptera	Aythya americana	Isopoda
Donax	Aythya americana	Tellina
Donax variabilis	Aythya americana	Polymesoda floridana
Dyspanopeus texanus	Aythya americana	Saccella acuta
Dytiscidae	Aythya americana	Mulinia lateralis
Echinochloa walteri	Aythya americana	Macoma
Edotia triloba	Aythya americana	Lyonsia hyalina
Eichhornia	Aythya americana	Laevicardium
Eleocharis	Aythya americana	Brachidontes exustus
Eleocharis cellulosa	Aythya americana	Anomalocardia puella
Eleocharis parvula	Aythya americana	Arcuatula papyria
Ephemeroptera	Aythya americana	Vitrinella
Ergasilus	Aythya americana	Turbonilla interrupta
Euceramus	Aythya americana	Turbonilla
Eucinostomus gula	Aythya americana	Sayella hemphillii
Euglena	Aythya americana	Schwartziella catesbyana
Euphorbia bicolor	Aythya americana	Pyrgocythara plicosa
Eurypanopeus	Aythya americana	Pyramidellidae
Eurypanopeus depressus	Aythya americana	Polinices
Eurytemora	Aythya americana	Olivella watermani
Eurytemora hirundoides	Aythya americana	Olivella minuta
Fallacia pygmaea	Aythya americana	Boonea bisuturalis
Farfantepenaeus	Aythya americana	Neritina

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Farfantepenaeus aztecus	Aythya americana	Natica
Farfantepenaeus duorarum	Aythya americana	Phrontis vibex
fecal pellets	Aythya americana	Nassarius acutus
Foraminiferida	Aythya americana	Astyris lunata
Formicidae	Aythya americana	Melanella
Forminifera	Aythya americana	Bittiolum varium
Fragilaria	Aythya americana	Crepidula convexa
Fragilaria brevistriata	Aythya americana	Cerithium lutosum
Fragilaria crotonensis	Aythya americana	Cerithideopsis pliculosa
Fundulus grandis	Aythya americana	Calliostoma
Fundulus similis	Aythya americana	Meioceras nitidum
Gammaridae	Aythya americana	Parvanachis obesa
Gammarus mucronatus	Aythya americana	Costoanachis avara
Gastropoda	Aythya americana	Japonactaeon punctostriatus
Geissleria thingvallae	Aythya americana	Acteocina canaliculata
Gerreidae	Aythya americana	Plantae
Gobiidae	Aythya americana	Ruppia
Gobionellus	Aythya americana	Halodule
Gobiosoma robustum	Aythya americana	Decapoda
Gracilaria	Aythya americana	Bivalvia
Grammatophora	Aythya americana	Syringodium
Grandidierella bonnieroides	Aythya americana	Thalassia
Gryllidae	Anas americana	Sediment
Guinardia flaccida	Anas americana	Halodule wrightii
Gymnodinium	Aythya americana	Sediment
Gyrosigma	Aythya americana	Halodule wrightii
Gyrosigma acuminatum	Aythya americana	Gastropoda
Halodule	Anas acuta	Sediment
Halodule wrightii	Anas acuta	Gastropoda
Haminoea antillarum	Anas acuta	Halodule wrightii
Haploscoloplos foliosus	Anas acuta	Paguroidea
Hargeria rapax	Anas acuta	Bivalvia
Harpacticoida	Anas acuta	Amphipoda
Hepatus	Anas acuta	Polychaeta
Heteranomia squamula	Anas acuta	Mollusca
Hippocampus	Anas acuta	Phoronida
Hippolyte	Anas acuta	Isopoda

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Hippolytidae	Anas acuta	Plantae
Holochilus sciureus	Anas acuta	Ruppia maritima
Hydrachnidia	Sciaenops ocellatus	Actinopterygii
Hydroidolina	Sciaenops ocellatus	Anchoa mitchilli
Hymenomonas	Sciaenops ocellatus	Palaemonetes vulgaris
Iliacantha	Sciaenops ocellatus	Grandidierella bonnieroides
Insecta	Sciaenops ocellatus	Corophium
Ischadium recurvum	Pogonias cromis	Palaemonetes
Isocheles wurdemanni	Pogonias cromis	Angulus tampaensis
Isopoda	Pogonias cromis	Diastoma varium
Japonactaeon punctostriatus	Pogonias cromis	Cerithium lutosum
Karayevia clevei	Pogonias cromis	Anomalocardia auberiana
Khakista	Pogonias cromis	Amygdalum papyrium
Kirchneriella	Pogonias cromis	Polychaeta
Kurtziella	Pogonias cromis	Hargeria rapax
Kurtziella limonitella	Pogonias cromis	Grandidierella bonnieroides
Labidocera aestiva	Pogonias cromis	Corophium
Laevicardium	Pogonias cromis	Gastropoda
Lagocephalus laevigatus	Pogonias cromis	Anomalocardia cuneimeris
Lagodon rhomboides	Pogonias cromis	Argopecten irradians
Lavonica	Pogonias cromis	Pleocyemata
Leersia oryzoides	Pogonias cromis	Cyprinodon variegatus
Leiostomus xanthurus	Pogonias cromis	Plantae
Lembos	Pogonias cromis	Acetabularia
Lepidoptera	Pogonias cromis	Bivalvia
Leptocheilia	Pogonias cromis	Chlorophyta
Leptocheilia rapax	Pogonias cromis	Decapoda
Leptogorgia setacea	Pogonias cromis	Crustacea
Libinia	Pogonias cromis	Actinopterygii
Libinia dubia	Pogonias cromis	Annelida
Licmophora	Sciaenops ocellatus	Cyprinodon variegatus
Litiopa melanostoma	Sciaenops ocellatus	Palaemon
Litopenaeus setiferus	Sciaenops ocellatus	Decapoda
Littorina	Sciaenops ocellatus	Farfantepenaeus aztecus
Loligo	Sciaenops ocellatus	Callinectes sapidus
Lucania parva	Sciaenops ocellatus	Brachyura
Lutjanus campechanus	Sciaenops ocellatus	Pleocyemata

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Lyonsia hyalina	Sciaenops ocellatus	Dyspanopeus texanus
Macoma	Sciaenops ocellatus	Gobiidae
Macrobrachium	Sciaenops ocellatus	Atherinidae
Magnoliopsida	Sciaenops ocellatus	Mugilidae
Martyana martyi	Sciaenops ocellatus	Palaemonidae
Mastogloia	Sciaenops ocellatus	Penaeidae
Meioceras nitidum	Sciaenops ocellatus	Atheriniformes
Melanella	Sciaenops ocellatus	Amphipoda
Mellita quinquiesperforata	Sciaenops ocellatus	Copepoda
Melosira	Micropogonias undulatus	Sciaenidae
Menidia	Micropogonias undulatus	Gobiidae
Menidia beryllina	Micropogonias undulatus	Detritus
Menippe adina	Micropogonias undulatus	Mollusca
Menippe mercenaria	Micropogonias undulatus	Pleocyemata
Menticirrhus	Micropogonias undulatus	Actinopterygii
Merismopedia	Micropogonias undulatus	Polychaeta
Micropogonias undulatus	Micropogonias undulatus	Decapoda
Mitrella lunata	Micropogonias undulatus	Annelida
Molinia	Cynoscion nebulosus	Gobiidae
Mollusca	Cynoscion nebulosus	Anchoa
Mugil cephalus	Cynoscion nebulosus	Menidia
Mugilidae	Cynoscion nebulosus	Mugilidae
Mulinia lateralis	Cynoscion nebulosus	Leiostomus xanthurus
Myomenippe	Cynoscion nebulosus	Sciaenidae
Myrophis	Cynoscion nebulosus	Detritus
Mysidae	Cynoscion nebulosus	Pleocyemata
Mysidopsis	Cynoscion nebulosus	Actinopterygii
Mytilopsis leucophaeata	Cynoscion nebulosus	Decapoda
Mytilus	Pogonias cromis	Sciaenidae
Najas	Pogonias cromis	Ostrea
Najas guadalupensis	Pogonias cromis	Mytilus
Nassarius acutus	Pogonias cromis	Detritus
Natica	Sciaenops ocellatus	Bivalvia
Navicula	Sciaenops ocellatus	Annelida
Navicula radiosa	Sciaenops ocellatus	Holochilus sciureus
Navicula rhynchocephala	Sciaenops ocellatus	Menidia
Neidium	Sciaenops ocellatus	Callinectes

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Nelumbo lutea	Sciaenops ocellatus	Farfantepenaeus
Nematoda	Sciaenops ocellatus	Detritus
Nemertea	Sciaenops ocellatus	Mollusca
Nereididae	Sciaenops ocellatus	Plantae
Nereis pelagica	Sciaenops ocellatus	Teuthida
Neritina	Sciaenops ocellatus	Squilla
Neverita duplicata	Sciaenops ocellatus	Ctenogobius smaragdus
Nitzschia	Sciaenops ocellatus	Teleostei
Nitzschia closterium	Sciaenops ocellatus	Sciaenidae
Nostoc	Sciaenops ocellatus	Portunidae
Nuculana concentrica	Sciaenops ocellatus	Palaemonetes
Nymphaea odorata	Cynoscion nebulosus	Plantae
Odonata	Cynoscion nebulosus	Heteranomia squamula
Ogyrides	Cynoscion nebulosus	Teuthida
Oithona	Cynoscion nebulosus	Nereididae
Oligoplites saurus	Cynoscion nebulosus	Isopoda
Oliva sayana	Cynoscion nebulosus	Synodus foetens
Olivella minuta	Cynoscion nebulosus	Scaridae
Olivella watermani	Cynoscion nebulosus	Cyprinodon variegatus
Opephora	Cynoscion nebulosus	Gerreidae
Ophichthidae	Cynoscion nebulosus	Portunidae
Ophichthus	Cynoscion nebulosus	Copepoda
Organic	Cynoscion nebulosus	Penaeidae
Orthopristis chrysoptera	Cynoscion nebulosus	Palaemonetes
Oryza sativa	Cynoscion nebulosus	Tozeuma
Oscillatoria	Trachinotus carolinus	Actinopterygii
Ostracoda	Trachinotus carolinus	Pleocyemata
Ostrea	Trachinotus carolinus	Decapoda
Ostreoida	Megalops atlanticus	Chlorophyta
Ovalipes	Megalops atlanticus	Callinectes sapidus
Paguroidea	Sciaenops ocellatus	Gryllidae
Pagurus	Sciaenops ocellatus	Thalassia testudinum
Palaemon	Sciaenops ocellatus	Scolecipis squamata
Palaemonetes	Sciaenops ocellatus	Gastropoda
Palaemonetes pugio	Sciaenops ocellatus	Chlorophyta
Palaemonetes vulgaris	Sciaenops ocellatus	Isopoda
Palaemonidae	Sciaenops ocellatus	Loligo

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Palmeria hardmaniana	Sciaenops ocellatus	Ostreoida
Panicum	Sciaenops ocellatus	Anguilliformes
Panicum dichotomiflorum	Sciaenops ocellatus	Hippocampus
Paralichthys	Sciaenops ocellatus	Fundulus similis
Paralichthys lethostigma	Sciaenops ocellatus	Synodus foetens
Parapaguridae	Sciaenops ocellatus	Anchoa hepsetus
Parvanachis obesa	Sciaenops ocellatus	Blenniidae
Paspalum acuminatum	Sciaenops ocellatus	Ariopsis felis
Pectinaria	Sciaenops ocellatus	Syngnathidae
Penaeidae	Sciaenops ocellatus	Lagodon rhomboides
Penaeus	Sciaenops ocellatus	Gobionellus
Peprilus alepidotus	Sciaenops ocellatus	Poecilia
Peprilus triacanthus	Sciaenops ocellatus	Brevoortia
Persephona	Sciaenops ocellatus	Orthopristis chrysoptera
Phoronida	Sciaenops ocellatus	Pleuronectiformes
Phrontis vibex	Sciaenops ocellatus	Eucinostomus gula
Physalia	Sciaenops ocellatus	Menidia beryllina
Pinnotheres	Sciaenops ocellatus	Parapaguridae
Planorbidae	Sciaenops ocellatus	Libinia dubia
Planothidium hauckianum	Sciaenops ocellatus	Myomenippe
Plantae	Sciaenops ocellatus	Farfantepenaeus duorarum
plastic	Sciaenops ocellatus	Crangon
Pleocyemata	Scomberomorus maculatus	Detritus
Pleocymata	Scomberomorus maculatus	Actinopterygii
Pleuronectes	Scomberomorus maculatus	Clupeidae
Pleuronectiformes	Scomberomorus maculatus	Chaetodipterus faber
Pleurosigma	Scomberomorus maculatus	Peprilus triacanthus
Poecilia	Scomberomorus maculatus	Anchoa hepsetus
Polinices	Scomberomorus maculatus	Sciaenidae
Polychaeta	Scomberomorus maculatus	Pleuronectiformes
Polygonum foliosum paludicola	Scomberomorus maculatus	Menidia beryllina
Polymesoda floridana	Scomberomorus maculatus	Brevoortia
Portunidae	Scomberomorus maculatus	Mugil cephalus
Portunus gibbesii	Scomberomorus maculatus	Pleocyemata
Potamogeton nodosus	Scomberomorus maculatus	Eurypanopeus
Prorocentrum	Scomberomorus maculatus	Callinectes
Prorocentrum micans	Scomberomorus maculatus	Decapoda

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Proserpinaca	Scomberomorus maculatus	Squilla
Protoperidinium	Scomberomorus maculatus	Farfantepenaeus duorarum
Protozoa	Scomberomorus maculatus	Penaeidae
Pseudodiaptomus coronatus	Scomberomorus maculatus	Palaemonetes
Pseudo-nitzschia pungens	Scomberomorus maculatus	Litopenaeus setiferus
Pyramidellidae	Scomberomorus maculatus	Crangon
Pyrgocythara plicosa	Scomberomorus maculatus	Farfantepenaeus aztecus
Pyrrophytophyta	Synodus foetens	Actinopterygii
Quercus	Synodus foetens	Pleuronectiformes
Raeta plicatella	Synodus foetens	Pleuronectes
Rangia cuneata	Synodus foetens	Decapoda
Recluzia rollandiana	Scomberomorus cavalla	Sciaenidae
Rhynchospora corniculata	Scomberomorus cavalla	Peprilus triacanthus
Ruppia	Scomberomorus cavalla	Penaeidae
Ruppia maritima	Scomberomorus cavalla	Orthopristis chrysoptera
Saccella acuta	Scomberomorus cavalla	Oligoplites saurus
Sacciolepis striata	Scomberomorus cavalla	Mugil cephalus
Sagittaria graminea	Scomberomorus cavalla	Micropogonias undulatus
Sand	Scomberomorus cavalla	Menidia beryllina
Sargassum	Scomberomorus cavalla	Loligo
Sayella hemphillii	Scomberomorus cavalla	Farfantepenaeus aztecus
Scaridae	Scomberomorus cavalla	Cynoscion arenarius
Scenedesmus	Scomberomorus cavalla	Clupeidae
Scenedesmus quadricauda	Scomberomorus cavalla	Caridea
Schoenoplectus californicus	Scomberomorus cavalla	Brevoortia
Schrankia	Scomberomorus cavalla	Annelida
Schwartziella catesbyana	Scomberomorus cavalla	Actinopterygii
Sciaenidae	Rachycentron canadum	Oliva sayana
Scolecopsis squamata	Rachycentron canadum	Actinopterygii
Scorpaena russula	Rachycentron canadum	Synodus foetens
Sediment	Rachycentron canadum	Ariopsis felis
Serpulidae	Rachycentron canadum	Peprilus alepidotus
Sesbania herbacea	Rachycentron canadum	Pleocyemata
Setaria pumila	Rachycentron canadum	Callinectes
Sicyonia dorsalis	Rachycentron canadum	Penaeidae
Silt	Pomatomus saltatrix	Actinopterygii
Skeletonema costatum	Pomatomus saltatrix	Anguilliformes

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

<i>Sorghum bicolor</i>	<i>Pomatomus saltatrix</i>	Decapoda
<i>Squilla</i>	<i>Pristis pectinata</i>	Actinopterygii
<i>Stausosira construens</i>	<i>Paralichthys lethostigma</i>	Actinopterygii
<i>Stellifer lanceolatus</i>	<i>Paralichthys lethostigma</i>	Pleocyemata
<i>Stephanolepis hispidus</i>	<i>Paralichthys lethostigma</i>	Decapoda
<i>Stichosiphon</i>	<i>Paralichthys lethostigma</i>	Penaeidae
<i>Stramonita haemastoma</i>	<i>Epinephelus itajara</i>	<i>Ariopsis felis</i>
<i>Stuckenia pectinata</i>	<i>Pogonias cromis</i>	<i>Donax variabilis</i>
Styrofoam	<i>Pogonias cromis</i>	<i>Bulla</i>
<i>Surirella</i>	<i>Pogonias cromis</i>	<i>Molinia</i>
<i>Symphurus plagiusa</i>	<i>Pogonias cromis</i>	<i>Venus</i>
<i>Synedra</i>	<i>Pogonias cromis</i>	Ostreoida
Syngnathidae	<i>Pogonias cromis</i>	Tagelus
<i>Synodus foetens</i>	<i>Pogonias cromis</i>	Cyprinodon
<i>Syringodium</i>	<i>Pogonias cromis</i>	<i>Lagodon rhomboides</i>
<i>Syringodium filiforme</i>	<i>Pogonias cromis</i>	<i>Callinectes sapidus</i>
<i>Tabellaria fenestrata</i>	<i>Pogonias cromis</i>	<i>Callinectes</i>
<i>Tabularia fasciculata</i>	<i>Pogonias cromis</i>	Penaeidae
Tagelus	<i>Pogonias cromis</i>	<i>Farfantepenaeus aztecus</i>
<i>Tagelus plebeius</i>	<i>Myliobatis freminvillei</i>	Actinopterygii
Tanaidae	<i>Menticirrhus americanus</i>	Actinopterygii
<i>Taphromysis louisianae</i>	<i>Menticirrhus americanus</i>	Pleuronectiformes
Teleostei	<i>Menticirrhus americanus</i>	<i>Menidia beryllina</i>
<i>Tellina</i>	<i>Menticirrhus americanus</i>	<i>Myrophis</i>
Telmatogetoninae	<i>Menticirrhus americanus</i>	Pleocyemata
Terebellidae	<i>Menticirrhus americanus</i>	<i>Myomenippe</i>
<i>Terebra dislocata</i>	<i>Menticirrhus americanus</i>	Decapoda
Tetraedron	<i>Menticirrhus americanus</i>	<i>Squilla</i>
Teuthida	<i>Menticirrhus americanus</i>	Crangon
<i>Texadina barretti</i>	<i>Menticirrhus americanus</i>	Penaeidae
<i>Thalassia</i>	<i>Menticirrhus americanus</i>	<i>Litopenaeus setiferus</i>
<i>Thalassia testudinum</i>	<i>Menticirrhus americanus</i>	<i>Farfantepenaeus aztecus</i>
<i>Thalassionema frauenfeldii</i>	<i>Lutjanus campechanus</i>	Detritus
<i>Thalassionema nitzschioides</i>	<i>Lutjanus campechanus</i>	Isopoda
<i>Thalassiosira</i>	<i>Lutjanus campechanus</i>	Mollusca
<i>Thalassiothrix</i>	<i>Lutjanus campechanus</i>	Cephalopoda
<i>Tozeuma</i>	<i>Lutjanus campechanus</i>	Actinopterygii

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Tozeuma carolinense	Lutjanus campechanus	Gobionellus
Trichiurus lepturus	Lutjanus campechanus	Lutjanus campechanus
Trichoptera	Lutjanus campechanus	Upeneus
Triticum	Lutjanus campechanus	Scorpaena russula
Tryblionella apiculata	Lutjanus campechanus	Cynoscion
Tryblionella compressa	Lutjanus campechanus	Ophichthus
Turbonilla	Lutjanus campechanus	Ophichthidae
Turbonilla interrupta	Lutjanus campechanus	Menticirrhus
Uca	Lutjanus campechanus	Synodus foetens
Ulva	Lutjanus campechanus	Centropristis
Unidentified material	Lutjanus campechanus	Pleocyemata
Upeneus	Lutjanus campechanus	Callinectes
Venus	Lutjanus campechanus	Iliacantha
Vigna luteola	Lutjanus campechanus	Uca
Virgularia	Lutjanus campechanus	Decapoda
Vitrinella	Lutjanus campechanus	Litopenaeus setiferus
Westella botryoides	Lutjanus campechanus	Farfantepenaeus duorarum
Xanthidae	Lutjanus campechanus	Penaeidae
Zea mays	Lutjanus campechanus	Squilla
	Lutjanus campechanus	Farfantepenaeus aztecus
	Ariopsis felis	Lavonica
	Ariopsis felis	Actinopterygii
	Ariopsis felis	Callinectes
	Ariopsis felis	Crustacea
	Ariopsis felis	Farfantepenaeus duorarum
	Ariopsis felis	Penaeidae
	Elops saurus	Actinopterygii
	Elops saurus	Menidia beryllina
	Elops saurus	Ariopsis felis
	Elops saurus	Decapoda
	Elops saurus	Farfantepenaeus aztecus
	Dasyatis sabina	Bivalvia
	Dasyatis sabina	Chlorophyta
	Dasyatis sabina	Actinopterygii
	Cynoscion nebulosus	Scolecipis squamata
	Cynoscion nebulosus	Nematoda
	Cynoscion nebulosus	Lavonica

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Cynoscion nebulosus	Chlorophyta
Cynoscion nebulosus	Mollusca
Cynoscion nebulosus	Arca
Cynoscion nebulosus	Anomia
Cynoscion nebulosus	Balanus eburneus
Cynoscion nebulosus	Littorina
Cynoscion nebulosus	Ostrea
Cynoscion nebulosus	Clupeidae
Cynoscion nebulosus	Alosa
Cynoscion nebulosus	Stephanolepis hispidus
Cynoscion nebulosus	Anguilliformes
Cynoscion nebulosus	Gobionellus
Cynoscion nebulosus	Pleuronectiformes
Cynoscion nebulosus	Symphurus plagiusa
Cynoscion nebulosus	Belonidae
Cynoscion nebulosus	Ariopsis felis
Cynoscion nebulosus	Blenniidae
Cynoscion nebulosus	Orthopristis chrysoptera
Cynoscion nebulosus	Anchoa hepsetus
Cynoscion nebulosus	Lagodon rhomboides
Cynoscion nebulosus	Cyprinodon
Cynoscion nebulosus	Eucinostomus gula
Cynoscion nebulosus	Mugil cephalus
Cynoscion nebulosus	Menidia beryllina
Cynoscion nebulosus	Brevoortia
Cynoscion nebulosus	Eurypanopeus
Cynoscion nebulosus	Callinectes
Cynoscion nebulosus	Myomenippe
Cynoscion nebulosus	Parapaguridae
Cynoscion nebulosus	Callinectes sapidus
Cynoscion nebulosus	Sicyonia dorsalis
Cynoscion nebulosus	Squilla
Cynoscion nebulosus	Macrobrachium
Cynoscion nebulosus	Farfantepenaeus duorarum
Cynoscion nebulosus	Crangon
Cynoscion nebulosus	Litopenaeus setiferus
Cynoscion nebulosus	Farfantepenaeus aztecus

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Carcharhinus leucas	Alosa pseudoharengus
Bagre marinus	Detritus
Bagre marinus	Lavonica
Bagre marinus	Actinopterygii
Bagre marinus	Clupeidae
Bagre marinus	Trichiurus lepturus
Bagre marinus	Mugil cephalus
Bagre marinus	Lagodon rhomboides
Bagre marinus	Sciaenidae
Bagre marinus	Anchoa hepsetus
Bagre marinus	Menidia beryllina
Bagre marinus	Pleuronectiformes
Bagre marinus	Achirus
Bagre marinus	Paralichthys lethostigma
Bagre marinus	Pleocyemata
Bagre marinus	Cancroidea
Bagre marinus	Persephona
Bagre marinus	Libinia dubia
Bagre marinus	Eurypanopeus
Bagre marinus	Callinectes
Bagre marinus	Callinectes sapidus
Bagre marinus	Decapoda
Bagre marinus	Farfantepenaeus duorarum
Bagre marinus	Penaeidae
Bagre marinus	Squilla
Bagre marinus	Farfantepenaeus aztecus
Bagre marinus	Hippolytidae
Archosargus probatocephalus	Chlorophyta
Archosargus probatocephalus	Mollusca
Archosargus probatocephalus	Actinopterygii
Archosargus probatocephalus	Uca
Archosargus probatocephalus	Decapoda
Fundulus grandis	Plantae
Fundulus grandis	Sand
Fundulus grandis	Detritus
Fundulus grandis	fecal pellets
Fundulus grandis	Actinopterygii

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Fundulus grandis	Fundulus grandis
Fundulus grandis	Telmatogetoninae
Fundulus grandis	Tanaidae
Fundulus grandis	Decapoda
Fundulus grandis	Isopoda
Fundulus grandis	Insecta
Fundulus grandis	Harpacticoida
Fundulus grandis	Gammaridae
Fundulus grandis	Formicidae
Fundulus grandis	Diptera
Fundulus grandis	Curculionidae
Fundulus grandis	Pleocyemata
Fundulus grandis	Copepoda
Fundulus grandis	Caprellidae
Fundulus grandis	Arachnida
Fundulus grandis	Palaemonetes
Fundulus grandis	Palaemonetes pugio
Fundulus grandis	Leptochelia
Fundulus grandis	Gammarus mucronatus
Fundulus grandis	Corophium
Fundulus grandis	Clibanarius vittatus
Fundulus grandis	Callinectes sapidus
Fundulus grandis	Alpheus
Fundulus grandis	Crepidula plana
Fundulus grandis	Polychaeta
Fundulus grandis	Nereididae
Fundulus grandis	Alitta succinea
Fundulus grandis	Nereis pelagica
Fundulus grandis	Nemertea
Fundulus grandis	Chlorophyta
Fundulus grandis	Cyanobacteria
Fundulus grandis	Khakista
Cyprinodon variegatus	Plantae
Cyprinodon variegatus	Sand
Cyprinodon variegatus	Detritus
Cyprinodon variegatus	fecal pellets
Cyprinodon variegatus	Actinopterygii

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Cyprinodon variegatus	Tanaidae
Cyprinodon variegatus	Ostracoda
Cyprinodon variegatus	Insecta
Cyprinodon variegatus	Harpacticoida
Cyprinodon variegatus	Gammaridae
Cyprinodon variegatus	Cyclopoida
Cyprinodon variegatus	Calanoida
Cyprinodon variegatus	Cirripedia
Cyprinodon variegatus	Nereididae
Cyprinodon variegatus	Foraminiferida
Cyprinodon variegatus	Chlorophyta
Cyprinodon variegatus	Cyanobacteria
Cyprinodon variegatus	Khakista
Lagodon rhomboides	Plantae
Lagodon rhomboides	Sand
Lagodon rhomboides	Detritus
Lagodon rhomboides	fecal pellets
Lagodon rhomboides	Actinopterygii
Lagodon rhomboides	Tanaidae
Lagodon rhomboides	Decapoda
Lagodon rhomboides	Serpulidae
Lagodon rhomboides	Mysidae
Lagodon rhomboides	Isopoda
Lagodon rhomboides	Harpacticoida
Lagodon rhomboides	Gammaridae
Lagodon rhomboides	Pleocyemata
Lagodon rhomboides	Copepoda
Lagodon rhomboides	Coleoptera
Lagodon rhomboides	Calanoida
Lagodon rhomboides	Cirripedia
Lagodon rhomboides	Pseudodiaptomus coronatus
Lagodon rhomboides	Palaemonetes
Lagodon rhomboides	Oithona
Lagodon rhomboides	Ogyrides
Lagodon rhomboides	Mysidopsis
Lagodon rhomboides	Americamysis almyra
Lagodon rhomboides	Labidocera aestiva

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Lagodon rhomboides	Hippolyte
Lagodon rhomboides	Gammarus mucronatus
Lagodon rhomboides	Eurytemora hirundoides
Lagodon rhomboides	Eurypanopeus depressus
Lagodon rhomboides	Corophium
Lagodon rhomboides	Cassidinidea lunifrons
Lagodon rhomboides	Callinectes sapidus
Lagodon rhomboides	Acartia tonsa
Lagodon rhomboides	Bivalvia
Lagodon rhomboides	Laevicardium
Lagodon rhomboides	Mytilopsis leucophaeata
Lagodon rhomboides	Polychaeta
Lagodon rhomboides	Nereididae
Lagodon rhomboides	Alitta succinea
Lagodon rhomboides	Actiniaria
Lagodon rhomboides	Foraminiferida
Lagodon rhomboides	Chlorophyta
Lagodon rhomboides	Cyanobacteria
Leiostomus xanthurus	Plantae
Leiostomus xanthurus	Sand
Leiostomus xanthurus	Detritus
Leiostomus xanthurus	fecal pellets
Leiostomus xanthurus	Actinopterygii
Leiostomus xanthurus	Brevoortia patronus
Leiostomus xanthurus	Tanaidae
Leiostomus xanthurus	Telmatogetoninae
Leiostomus xanthurus	Decapoda
Leiostomus xanthurus	Ostracoda
Leiostomus xanthurus	Odonata
Leiostomus xanthurus	Mysidae
Leiostomus xanthurus	Isopoda
Leiostomus xanthurus	Insecta
Leiostomus xanthurus	Harpacticoida
Leiostomus xanthurus	Gammaridae
Leiostomus xanthurus	Cyclopoida
Leiostomus xanthurus	Ceratopogonidae
Leiostomus xanthurus	Calanoida

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Leiostomus xanthurus	Cirripedia
Leiostomus xanthurus	Coullana canadensis
Leiostomus xanthurus	Pseudodiaptomus coronatus
Leiostomus xanthurus	Penaeidae
Leiostomus xanthurus	Americamysis almyra
Leiostomus xanthurus	Leptocheilia
Leiostomus xanthurus	Labidocera aestiva
Leiostomus xanthurus	Gammarus mucronatus
Leiostomus xanthurus	Eurytemora hirundoides
Leiostomus xanthurus	Corophium
Leiostomus xanthurus	Callinectes sapidus
Leiostomus xanthurus	Bowmaniella brasiliensis
Leiostomus xanthurus	Acartia tonsa
Leiostomus xanthurus	Bivalvia
Leiostomus xanthurus	Rangia cuneata
Leiostomus xanthurus	Macoma
Leiostomus xanthurus	Terebellidae
Leiostomus xanthurus	Polychaeta
Leiostomus xanthurus	Nereididae
Leiostomus xanthurus	Alitta succinea
Leiostomus xanthurus	Nemertea
Leiostomus xanthurus	Foraminiferida
Leiostomus xanthurus	Cyanobacteria
Leiostomus xanthurus	Khakista
Leiostomus xanthurus	Coscinodiscus
Micropogonias undulatus	Plantae
Micropogonias undulatus	Sand
Micropogonias undulatus	fecal pellets
Micropogonias undulatus	Anchoa mitchilli
Micropogonias undulatus	Telmatogetoninae
Micropogonias undulatus	Tanaidae
Micropogonias undulatus	Ostracoda
Micropogonias undulatus	Mysidae
Micropogonias undulatus	Insecta
Micropogonias undulatus	Harpacticoida
Micropogonias undulatus	Gammaridae
Micropogonias undulatus	Diptera

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Micropogonias undulatus	Cyclopoida
Micropogonias undulatus	Copepoda
Micropogonias undulatus	Chironomidae
Micropogonias undulatus	Coullana canadensis
Micropogonias undulatus	Pseudodiaptomus coronatus
Micropogonias undulatus	Penaeidae
Micropogonias undulatus	Litopenaeus setiferus
Micropogonias undulatus	Palaemonetes
Micropogonias undulatus	Palaemonetes pugio
Micropogonias undulatus	Ogyrides
Micropogonias undulatus	Dyspanopeus texanus
Micropogonias undulatus	Mysidopsis
Micropogonias undulatus	Americamysis almyra
Micropogonias undulatus	Leptocheilia
Micropogonias undulatus	Labidocera aestiva
Micropogonias undulatus	Gammarus mucronatus
Micropogonias undulatus	Eurytemora
Micropogonias undulatus	Eurytemora hirundoides
Micropogonias undulatus	Corophium
Micropogonias undulatus	Caligus
Micropogonias undulatus	Bowmaniella brasiliensis
Micropogonias undulatus	Acartia tonsa
Micropogonias undulatus	Gastropoda
Micropogonias undulatus	Bivalvia
Micropogonias undulatus	Neritina
Micropogonias undulatus	Mulinia lateralis
Micropogonias undulatus	Nereididae
Micropogonias undulatus	Alitta succinea
Micropogonias undulatus	Arenicola cristata
Micropogonias undulatus	Brachionus
Micropogonias undulatus	Foraminiferida
Micropogonias undulatus	Chlorophyta
Micropogonias undulatus	Coscinodiscus
Sciaenops ocellatus	Sand
Sciaenops ocellatus	Mugil cephalus
Sciaenops ocellatus	Micropogonias undulatus
Sciaenops ocellatus	Lucania parva

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Sciaenops ocellatus	Leiostomus xanthurus
Sciaenops ocellatus	Brevoortia patronus
Sciaenops ocellatus	Chordata
Sciaenops ocellatus	Xanthidae
Sciaenops ocellatus	Tanaidae
Sciaenops ocellatus	Mysidae
Sciaenops ocellatus	Gammaridae
Sciaenops ocellatus	Ephemeroptera
Sciaenops ocellatus	Tozeuma carolinense
Sciaenops ocellatus	Palaemonetes pugio
Sciaenops ocellatus	Mysidopsis
Sciaenops ocellatus	Hippolyte
Sciaenops ocellatus	Gammarus mucronatus
Sciaenops ocellatus	Ergasilus
Sciaenops ocellatus	Bowmaniella brasiliensis
Sciaenops ocellatus	Arthropoda
Sciaenops ocellatus	Mitrella lunata
Sciaenops ocellatus	Polychaeta
Sciaenops ocellatus	Nereididae
Sciaenops ocellatus	Alitta succinea
Sciaenops ocellatus	Diopatra cuprea
Fundulus similis	Plantae
Fundulus similis	Sand
Fundulus similis	Detritus
Fundulus similis	fecal pellets
Fundulus similis	Actinopterygii
Fundulus similis	Telmatogetoninae
Fundulus similis	Tanaidae
Fundulus similis	Decapoda
Fundulus similis	Ostracoda
Fundulus similis	Isopoda
Fundulus similis	Insecta
Fundulus similis	Hydrachnidia
Fundulus similis	Harpacticoida
Fundulus similis	Gammaridae
Fundulus similis	Formicidae
Fundulus similis	Dytiscidae

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Fundulus similis	Diptera
Fundulus similis	Curculionidae
Fundulus similis	Copepoda
Fundulus similis	Cirripedia
Fundulus similis	Palaemonetes
Fundulus similis	Corophium
Fundulus similis	Gastropoda
Fundulus similis	Bivalvia
Fundulus similis	Polychaeta
Fundulus similis	Nereididae
Fundulus similis	Foraminiferida
Fundulus similis	Cyanobacteria
Anchoa mitchilli	Sand
Anchoa mitchilli	Detritus
Anchoa mitchilli	Actinopterygii
Anchoa mitchilli	Trichoptera
Anchoa mitchilli	Tanaidae
Anchoa mitchilli	Decapoda
Anchoa mitchilli	Ostracoda
Anchoa mitchilli	Mysidae
Anchoa mitchilli	Harpacticoida
Anchoa mitchilli	Gammaridae
Anchoa mitchilli	Formicidae
Anchoa mitchilli	Pleocyemata
Anchoa mitchilli	Copepoda
Anchoa mitchilli	Calanoida
Anchoa mitchilli	Cirripedia
Anchoa mitchilli	Taphromysis louisianae
Anchoa mitchilli	Pseudodiaptomus coronatus
Anchoa mitchilli	Palaemonetes
Anchoa mitchilli	Oithona
Anchoa mitchilli	Americamysis almyra
Anchoa mitchilli	Euceramus
Anchoa mitchilli	Caligus
Anchoa mitchilli	Corophium
Anchoa mitchilli	Acartia tonsa
Anchoa mitchilli	Cyanobacteria

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Anchoa mitchilli	Khakista
Anchoa mitchilli	Coscinodiscus
Pogonias cromis	fecal pellets
Pogonias cromis	Chordata
Pogonias cromis	Xanthidae
Pogonias cromis	Telmatogetoninae
Pogonias cromis	Tanaidae
Pogonias cromis	Odonata
Pogonias cromis	Mysidae
Pogonias cromis	Gammaridae
Pogonias cromis	Diptera
Pogonias cromis	Gammarus mucronatus
Pogonias cromis	Rangia cuneata
Pogonias cromis	Forminifera
Pogonias cromis	Protozoa
Menidia beryllina	Sand
Menidia beryllina	Detritus
Menidia beryllina	fecal pellets
Menidia beryllina	Actinopterygii
Menidia beryllina	Anchoa mitchilli
Menidia beryllina	Decapoda
Menidia beryllina	Ostracoda
Menidia beryllina	Insecta
Menidia beryllina	Harpacticoida
Menidia beryllina	Gammaridae
Menidia beryllina	Formicidae
Menidia beryllina	Diptera
Menidia beryllina	Calanoida
Menidia beryllina	Cirripedia
Menidia beryllina	Arachnida
Menidia beryllina	Taphromysis louisianae
Menidia beryllina	Pinnotheres
Menidia beryllina	Palaemonetes
Menidia beryllina	Labidocera aestiva
Menidia beryllina	Eurytemora hirundoides
Menidia beryllina	Edotia triloba
Menidia beryllina	Corophium

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Menidia beryllina	Caligus
Menidia beryllina	Acartia tonsa
Menidia beryllina	Gastropoda
Menidia beryllina	Bivalvia
Menidia beryllina	Polychaeta
Menidia beryllina	Nereididae
Menidia beryllina	Diopatra cuprea
Menidia beryllina	Coscinodiscus
Cynoscion nebulosus	Sand
Cynoscion nebulosus	Brevoortia patronus
Cynoscion nebulosus	Anchoa mitchilli
Cynoscion nebulosus	Chordata
Cynoscion nebulosus	Tanaidae
Cynoscion nebulosus	Mysidae
Cynoscion nebulosus	Gammaridae
Cynoscion nebulosus	Palaemonetes pugio
Cynoscion nebulosus	Mysidopsis
Cynoscion nebulosus	Alpheus
Cynoscion nebulosus	Arthropoda
Cynoscion nebulosus	Bivalvia
Cynoscion nebulosus	Polychaeta
Cynoscion nebulosus	Annelida
Mugil cephalus	Silt
Mugil cephalus	Sand
Mugil cephalus	Detritus
Mugil cephalus	Prorocentrum
Mugil cephalus	Prorocentrum micans
Mugil cephalus	Gymnodinium
Mugil cephalus	Pyrrophycophyta
Mugil cephalus	Euglena
Mugil cephalus	Nostoc
Mugil cephalus	Merismopedia
Mugil cephalus	Dactylococcopsis
Mugil cephalus	Chroococcus
Mugil cephalus	Aphanocapsa
Mugil cephalus	Anabaena
Mugil cephalus	Hymenomonas

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Mugil cephalus	Campylodiscus
Mugil cephalus	Scenedesmus
Mugil cephalus	Acutodesmus acuminatus
Mugil cephalus	Kirchneriella
Mugil cephalus	Chlorophyta
Mugil cephalus	Cosmarium
Mugil cephalus	Chlorophyceae
Mugil cephalus	Closteriopsis
Mugil cephalus	Thalassiothrix
Mugil cephalus	Thalassionema frauenfeldii
Mugil cephalus	Thalassionema nitzschioides
Mugil cephalus	Thalassiosira
Mugil cephalus	Tabellaria fenestrata
Mugil cephalus	Synedra
Mugil cephalus	Tabularia fasciculata
Mugil cephalus	Surirella
Mugil cephalus	Gyrosigma acuminatum
Mugil cephalus	Gyrosigma
Mugil cephalus	Grammatophora
Mugil cephalus	Fragilaria
Mugil cephalus	Fragilaria crotonensis
Mugil cephalus	Staurosira construens
Mugil cephalus	Fragilaria brevistriata
Mugil cephalus	Stichosiphon
Mugil cephalus	Plantae
Mugil cephalus	Skeletonema costatum
Mugil cephalus	Pleurosigma
Mugil cephalus	Bacillariophycidae
Mugil cephalus	Opephora
Mugil cephalus	Martyana martyi
Mugil cephalus	Nitzschia
Mugil cephalus	Tryblionella compressa
Mugil cephalus	Nitzschia closterium
Mugil cephalus	Tryblionella apiculata
Mugil cephalus	Neidium
Mugil cephalus	Navicula
Mugil cephalus	Navicula rhynchocephala

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Mugil cephalus	Navicula radiosa
Mugil cephalus	Fallacia pygmaea
Mugil cephalus	Caloneis
Mugil cephalus	Geissleria thingvallae
Mugil cephalus	Craticula halophila
Mugil cephalus	Craticula accomoda
Mugil cephalus	Melosira
Mugil cephalus	Mastogloia
Mugil cephalus	Licmophora
Mugil cephalus	Palmeria hardmaniana
Mugil cephalus	Diploneis
Mugil cephalus	Cymbella
Mugil cephalus	Cyclotella
Mugil cephalus	Coscinodiscus
Mugil cephalus	Coscinodiscus radiatus
Mugil cephalus	Coscinodiscus granii
Mugil cephalus	Coscinodiscus excentricus
Mugil cephalus	Cocconeis
Mugil cephalus	Cocconeis placentula
Mugil cephalus	Climacosphenia moniligera
Mugil cephalus	Chaetoceros
Mugil cephalus	Chaetoceros compressus
Mugil cephalus	Centrales
Mugil cephalus	Biddulphia
Mugil cephalus	Bacillaria paxillifer
Mugil cephalus	Asterionella japonica
Mugil cephalus	Asterionella
Mugil cephalus	Curculionidae
Mugil cephalus	Amphiprora
Mugil cephalus	Amphipleura pellucida
Mugil cephalus	Achnanthes
Mugil cephalus	Planothidium hauckianum
Cynoscion arenarius	Detritus
Cynoscion arenarius	Actinopterygii
Cynoscion arenarius	Anchoa mitchilli
Cynoscion arenarius	Mysidae
Cynoscion arenarius	Gammaridae

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Cynoscion arenarius	Penaeidae
Cynoscion arenarius	Palaemonetes pugio
Cynoscion arenarius	Ogyrides
Cynoscion arenarius	Americamysis almyra
Cynoscion arenarius	Caligus
Cynoscion arenarius	Polychaeta
Archosargus probatocephalus	Plantae
Archosargus probatocephalus	Sand
Archosargus probatocephalus	Detritus
Archosargus probatocephalus	Telmatogetoninae
Archosargus probatocephalus	Tanaidae
Archosargus probatocephalus	Mysidae
Archosargus probatocephalus	Harpacticoida
Archosargus probatocephalus	Gammaridae
Archosargus probatocephalus	Formicidae
Archosargus probatocephalus	Pleocyemata
Archosargus probatocephalus	Calanoida
Archosargus probatocephalus	Mysidopsis
Archosargus probatocephalus	Eurytemora hirundoides
Archosargus probatocephalus	Eurypanopeus depressus
Archosargus probatocephalus	Corophium
Archosargus probatocephalus	Callinectes sapidus
Archosargus probatocephalus	Bivalvia
Archosargus probatocephalus	Laevicardium
Archosargus probatocephalus	Serpulidae
Archosargus probatocephalus	Polychaeta
Archosargus probatocephalus	Foraminiferida
Archosargus probatocephalus	Cyanobacteria
Paralichthys lethostigma	Detritus
Paralichthys lethostigma	Archosargus probatocephalus
Paralichthys lethostigma	Micropogonias undulatus
Paralichthys lethostigma	Palaemonetes pugio
Paralichthys lethostigma	Gastropoda
Paralichthys lethostigma	Bivalvia
Paralichthys lethostigma	Macoma
Paralichthys lethostigma	Brachidontes exustus
Brevoortia patronus	Silt

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Brevoortia patronus	Sand
Brevoortia patronus	Detritus
Brevoortia patronus	Prorocentrum
Brevoortia patronus	Prorocentrum micans
Brevoortia patronus	Protozoa
Brevoortia patronus	Pyrrophyty
Brevoortia patronus	Oscillatoria
Brevoortia patronus	Dactylococcopsis
Brevoortia patronus	Chroococcus
Brevoortia patronus	Anabaena
Brevoortia patronus	Chromista
Brevoortia patronus	Westella botryoides
Brevoortia patronus	Tetraedron
Brevoortia patronus	Scenedesmus quadricauda
Brevoortia patronus	Scenedesmus
Brevoortia patronus	Acutodesmus acuminatus
Brevoortia patronus	Kirchneriella
Brevoortia patronus	Crucigenia
Brevoortia patronus	Cosmarium
Brevoortia patronus	Chlorophyceae
Brevoortia patronus	Thalassiothrix
Brevoortia patronus	Thalassionema nitzschioides
Brevoortia patronus	Thalassiosira
Brevoortia patronus	Synedra
Brevoortia patronus	Guinardia flaccida
Brevoortia patronus	Plantae
Brevoortia patronus	Skeletonema costatum
Brevoortia patronus	Bacillariophycidae
Brevoortia patronus	Nitzschia
Brevoortia patronus	Pseudo-nitzschia pungens
Brevoortia patronus	Tryblionella compressa
Brevoortia patronus	Nitzschia closterium
Brevoortia patronus	Tryblionella apiculata
Brevoortia patronus	Navicula
Brevoortia patronus	Fallacia pygmaea
Brevoortia patronus	Diatoma
Brevoortia patronus	Cyclotella

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Brevoortia patronus	Coscinodiscus
Brevoortia patronus	Coscinodiscus radiatus
Brevoortia patronus	Coscinodiscus granii
Brevoortia patronus	Coscinodiscus excentricus
Brevoortia patronus	Chaetoceros
Brevoortia patronus	Centrales
Brevoortia patronus	Asterionella japonica
Brevoortia patronus	Achnanthes
Brevoortia patronus	Planothidium hauckianum
Brevoortia patronus	Karayevia clevei
Bairdiella chrysoura	Plantae
Bairdiella chrysoura	Detritus
Bairdiella chrysoura	Actinopterygii
Bairdiella chrysoura	Archosargus probatocephalus
Bairdiella chrysoura	Decapoda
Bairdiella chrysoura	Mysidae
Bairdiella chrysoura	Gammaridae
Bairdiella chrysoura	Americamysis almyra
Bairdiella chrysoura	Cassinidea lunifrons
Bairdiella chrysoura	Callinectes sapidus
Pogonias cromis	Amygdalum
Pogonias cromis	Gobiosoma robustum
Pogonias cromis	Mysidopsis
Pogonias cromis	Menippe mercenaria
Pogonias cromis	Penaeus
Pogonias cromis	Palaemon
Pogonias cromis	Alpheus heterochaelis
Pogonias cromis	Leptochelia rapax
Pogonias cromis	Cerapus tubularis
Pogonias cromis	Lembos
Pogonias cromis	Ampelisca
Pogonias cromis	Batea catharinensis
Pogonias cromis	Haploscoloplos foliosus
Pogonias cromis	Capitella
Pogonias cromis	Alitta succinea
Pogonias cromis	Unidentified material
Pogonias cromis	Dyspanopeus texanus

Appendix 11 - List of references, unique predators and prey, and unique interactions for Upper Laguna Madre

Pogonias cromis	Pectinaria
Pogonias cromis	Cyrtopleura costata
Stenella frontalis	Lagodon rhomboides
Stenella frontalis	Loligo
Stenella frontalis	Penaeidae
Stenella frontalis	Dendrobranchiata
Stenella frontalis	Trichiurus lepturus
Tursiops truncatus	Loligo
Tursiops truncatus	Ariopsis felis
Tursiops truncatus	Lagocephalus laevigatus
Tursiops truncatus	Synodus foetens
Tursiops truncatus	Scaridae
Tursiops truncatus	Lagodon rhomboides
Tursiops truncatus	Trichiurus lepturus
Tursiops truncatus	Paralichthys
Tursiops truncatus	Mugil cephalus
Tursiops truncatus	Actinopterygii
Tursiops truncatus	Pleocyemata
Tursiops truncatus	Dendrobranchiata
Cynoscion nebulosus	Atheriniformes
Sciaenops ocellatus	Cyprinodon
Pogonias cromis	Anomalocardia

Appendix 12

List of reference IDs accessed from GoMexSI on 10 September 2018, the number of and list of unique predators, prey, and species interactions for Lower Laguna Madre.

See attached PDF file: Appendix 12 – Lower Laguna Madre interaction data.

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

reference	predator	prey	Lsit of unique interactions
17	59	495	1075
ACT_11D	Anas acuta	Abra aequalis	Lepidochelys kempii Detritus
ACT_1R	Anas fulvigula	Acartia tonsa	Lepidochelys kempii Pleocymata
ACT_25M	Anatidae	Acetabularia	Lepidochelys kempii Dendrobranchiata
ACT_42S	Anchoa mitchilli	Acetes americanus	Lepidochelys kempii Plantae
ACT_49B	Archosargus probatocephalus	Achnanthes	Lepidochelys kempii Actinopterygii
ACT_4F	Atractosteus spatula	Acrididae	Lepidochelys kempii Mollusca
ACT_85S	Aythya americana	Acteocina canaliculata	Lepidochelys kempii Aluminum
ACT_8F	Bairdiella chrysoura	Actiniaria	Lepidochelys kempii Styrofoam
AVE_1B	Balistes capriscus	Actinopterygii	Lepidochelys kempii Organic
AVE_2B	Branta	Acutodesmus acuminatus	Lepidochelys kempii plastic
AVE_2G	Branta canadensis	Aetobatus narinari	Lepidochelys kempii Dytiscidae
AVE_3S	Branta hutchinsii	Albunea paretii	Lepidochelys kempii Virgularia
AVE_4M	Brevoortia patronus	Alitta succinea	Lepidochelys kempii Hydroidolina
MAM_1F	Brotula barbata	Alpheus	Lepidochelys kempii Cnidaria
MAM_1K	Chaetodipterus faber	Alpheus heterochaelis	Lepidochelys kempii Mellita quinquiesperforata
MAM_2G	Chaetodon sedentarius	Aluminum	Lepidochelys kempii Sediment
REP_2S	Chen caerulescens	Ambrosia psilostachya	Lepidochelys kempii Leptogorgia setacea
	Cynoscion arenarius	Americamysis almyra	Lepidochelys kempii Chelonibia testudinaria
	Cynoscion nebulosus	Americoliva sayana	Lepidochelys kempii Annelida
	Cyprinodon variegatus	Amphiodia pulchella	Lepidochelys kempii Diopatra cuprea
	Diplodus holbrookii	Amphipleura pellucida	Lepidochelys kempii Insecta
	Epinephelus adscensionis	Amphipoda	Lepidochelys kempii Aves
	Fundulus grandis	Amphiprora	Lepidochelys kempii Physalia
	Fundulus similis	Anabaena	Lepidochelys kempii Litopenaeus setiferus
	Grus canadensis	Anchoa	Lepidochelys kempii Penaeidae
	Haemulon aurolineatum	Anchoa mitchilli	Lepidochelys kempii Penaeus
	Halichoeres	Andropogon	Lepidochelys kempii Syringodium filiforme
	Halichoeres bivittatus	Animalia	Lepidochelys kempii Ulva
	Hypoleurochilus geminatus	Annelida	Lepidochelys kempii Eichhornia
	Kyphosus sectatrix	Anomalocardia cuneimeris	Lepidochelys kempii Thalassia testudinum
	Labrisomus nuchipinnis	Anomalocardia puella	Lepidochelys kempii Magnoliopsida
	Lagodon rhomboides	Aphanocapsa	Lepidochelys kempii Chlorophyta
	Leiostomus xanthurus	Aplysia fasciata	Lepidochelys kempii Gracilaria
	Lepidochelys kempii	Arachnida	Lepidochelys kempii Halodule wrightii
	Lutjanus campechanus	Archosargus probatocephalus	Lepidochelys kempii Sargassum
	Lutjanus griseus	Arcuatula papyria	Lepidochelys kempii Leiostomus xanthurus
	Menidia beryllina	Arenaeus cribrarius	Lepidochelys kempii Stellifer lanceolatus

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Micropogonias undulatus	Arenicola cristata	Lepidochelys kempii	Gastropoda
Mugil cephalus	Argopecten irradians	Lepidochelys kempii	Pyrgocythara plicosa
Mycteroperca rubra	Ariopsis felis	Lepidochelys kempii	Kurtziella
Odontoscion dentex	Arthropoda	Lepidochelys kempii	Astyris lunata
Opsanus pardus	Asterionella	Lepidochelys kempii	Boonea seminuda
Parablennius marmoratus	Asterionella japonica	Lepidochelys kempii	Chione cancellata
Paralichthys lethostigma	Astyris lunata	Lepidochelys kempii	Corbula contracta
Pareques acuminatus	Atherinidae	Lepidochelys kempii	Phrontis vibex
Pogonias cromis	Atheriniformes	Lepidochelys kempii	Terebra dislocata
Rachycentron canadum	Atrina	Lepidochelys kempii	Stramonita haemastoma
Rypticus saponaceus	Aves	Lepidochelys kempii	Crepidula
Sciaenops ocellatus	Bacillaria paxillifer	Lepidochelys kempii	Cavolinia longirostris
Scomberomorus cavalla	Bacillariophycidae	Lepidochelys kempii	Recluzia rollandiana
Scomberomorus maculatus	Bacopa monnieri	Lepidochelys kempii	Abra aequalis
Scorpaena plumieri	Balistidae	Lepidochelys kempii	Americoliva sayana
Serranus	Biddulphia	Lepidochelys kempii	Dinocardium robustum
Sphoeroides spengleri	Bittolum varium	Lepidochelys kempii	Litiopa melanostoma
Stegastes variabilis	Bivalvia	Lepidochelys kempii	Tagelus plebeius
Stenella frontalis	Bolboschoenus robustus	Lepidochelys kempii	Costoanachis avara
Stephanolepis hispidus	Boonea bisuturalis	Lepidochelys kempii	Donax variabilis
Tursiops truncatus	Boonea seminuda	Lepidochelys kempii	Mulinia lateralis
Ziphius cavirostris	Borrchia frutescens	Lepidochelys kempii	Ischadium recurvum
	Bothidae	Lepidochelys kempii	Parvanachis obesa
	Bowmaniella brasiliensis	Lepidochelys kempii	Atrina
	Brachidontes exustus	Lepidochelys kempii	Nuculana concentrica
	Brachionus	Lepidochelys kempii	Neverita duplicata
	Brachyura	Lepidochelys kempii	Bivalvia
	Brasenia schreberi	Lepidochelys kempii	Nassarius acutus
	Brevoortia patronus	Lepidochelys kempii	Pagurus
	Calanoida	Lepidochelys kempii	Persephona
	Calappa	Lepidochelys kempii	Ovalipes
	Caligus	Lepidochelys kempii	Calappa
	Callinectes	Lepidochelys kempii	Callinectes similis
	Callinectes sapidus	Lepidochelys kempii	Portunus gibbesii
	Callinectes similis	Lepidochelys kempii	Hepatus
	Callionymidae	Lepidochelys kempii	Libinia
	Calliostoma	Lepidochelys kempii	Callinectes sapidus
	Caloneis	Lepidochelys kempii	Cirripedia
	Campylodiscus	Lepidochelys kempii	Kurtziella limonitella

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Caprella penantis	Lepidochelys kempii	Menippe adina
Caprellidae	Lepidochelys kempii	Isocheles wurdemanni
Carangidae	Lepidochelys kempii	Arenaeus cribrarius
Carex	Anas fulvigula	Animalia
Cassinidea lunifrons	Anas fulvigula	Crustacea
Cavolinia longirostris	Anas fulvigula	Insecta
Centrales	Anas fulvigula	Gastropoda
Centropomus undecimalis	Anas fulvigula	Actinopterygii
Ceratophyllum demersum	Anas fulvigula	Plantae
Ceratopogonidae	Anas fulvigula	Nelumbo lutea
Cerithideopsis pliculosa	Anas fulvigula	Cucurbita foetidissima
Cerithium lutosum	Anas fulvigula	Paspalum acuminatum
Chaerophyllum	Anas fulvigula	Euphorbia bicolor
Chaetoceros	Anas fulvigula	Diodia
Chaetoceros compressus	Anas fulvigula	Sacciolepis striata
Chelonibia testudinaria	Anas fulvigula	Proserpinaca
Chione cancellata	Anas fulvigula	Eleocharis
Chironomidae	Anas fulvigula	Zea mays
Chloris	Anas fulvigula	Rhynchospora corniculata
Chlorophyceae	Anas fulvigula	Brasenia schreberi
Chlorophyta	Anas fulvigula	Sagittaria graminea
Chordata	Anas fulvigula	Panicum
Chromista	Anas fulvigula	Schrankia
Chroococcus	Anas fulvigula	Eleocharis cellulosa
Cirripedia	Anas fulvigula	Setaria pumila
Cirsium	Anas fulvigula	Vigna luteola
Cladium	Anas fulvigula	Ceratophyllum demersum
Clibanarius vittatus	Anas fulvigula	Najas guadalupensis
Climacosphenia moniligera	Anas fulvigula	Potamogeton nodosus
Closteriopsis	Anas fulvigula	Stuckenia pectinata
Clupeidae	Anas fulvigula	Nymphaea odorata
Cnidaria	Anas fulvigula	Leersia oryzoides
Cocconeis	Anas fulvigula	Bolboschoenus robustus
Cocconeis placentula	Anas fulvigula	Echinochloa walteri
Coleoptera	Anas fulvigula	Ruppia maritima
Copepoda	Anas fulvigula	Panicum dichotomiflorum
Corbula contracta	Anas fulvigula	Sesbania herbacea
Corophium	Anas fulvigula	Cladium
Corydalis	Anas fulvigula	Eleocharis parvula

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Coscinodiscus	Anas fulvigula	Najas
Coscinodiscus excentricus	Anas fulvigula	Ruppia
Coscinodiscus granii	Anas fulvigula	Polygonum foliosum paludicola
Coscinodiscus radiatus	Anas fulvigula	Schoenoplectus californicus
Cosmarium	Anas fulvigula	Oryza sativa
Costoanachis avara	Anas fulvigula	Cyprinodon variegatus
Coullana canadensis	Anas fulvigula	Litopenaeus setiferus
Craticula accomoda	Anas fulvigula	Chironomidae
Craticula halophila	Anas fulvigula	Amphipoda
Crepidula	Anas fulvigula	Mollusca
Crepidula convexa	Grus canadensis	Mollusca
Crepidula plana	Grus canadensis	Insecta
Crucigenia	Grus canadensis	Acrididae
Crustacea	Grus canadensis	Gryllidae
Ctenodrilus serratus	Grus canadensis	Dascillidae
Cucumis melo	Grus canadensis	Coleoptera
Cucurbita foetidissima	Grus canadensis	Plantae
Curculionidae	Grus canadensis	Cyperus
Cyanobacteria	Grus canadensis	Triticum
Cyclopoida	Grus canadensis	Zea mays
Cyclotella	Grus canadensis	Sorghum bicolor
Cymbella	Grus canadensis	Planorbidae
Cynodon dactylon	Grus canadensis	Lepidoptera
Cynosciadium	Grus canadensis	Quercus
Cynoscion arenarius	Grus canadensis	Eleocharis
Cynoscion nebulosus	Grus canadensis	Oryza sativa
Cynoscion regalis	Aythya americana	Detritus
Cyperus	Aythya americana	Animalia
Cyprinodon variegatus	Aythya americana	Amphipoda
Dactylococcopsis	Aythya americana	Isopoda
Dardanus	Aythya americana	Tellina
Dascillidae	Aythya americana	Polymesoda floridana
Decapoda	Aythya americana	Saccella acuta
Dendrobranchiata	Aythya americana	Mulinia lateralis
Detritus	Aythya americana	Macoma
Diatoma	Aythya americana	Lyonsia hyalina
Dinocardium robustum	Aythya americana	Laevicardium
Diodella teres	Aythya americana	Brachidontes exustus
Diodia	Aythya americana	Anomalocardia puella

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Diopatra cuprea	Aythya americana	Arcuatula papyria
Diploneis	Aythya americana	Vitrinella
Diptera	Aythya americana	Turbonilla interrupta
Distichlis spicata	Aythya americana	Turbonilla
Donax variabilis	Aythya americana	Sayella hemphillii
Dorosoma cepedianum	Aythya americana	Schwartziella catesbyana
Doryteuthis pealeii	Aythya americana	Pyrgocythara plicosa
Dyspanopeus texanus	Aythya americana	Pyramidellidae
Dytiscidae	Aythya americana	Polinices
Echinochloa colona	Aythya americana	Olivella watermani
Echinochloa walteri	Aythya americana	Olivella minuta
Echinodermata	Aythya americana	Boonea bisuturalis
Edotia triloba	Aythya americana	Neritina
Eichhornia	Aythya americana	Natica
Elasmopus rapax	Aythya americana	Phrontis vibex
Electrona antarctica	Aythya americana	Nassarius acutus
Eleocharis	Aythya americana	Astyris lunata
Eleocharis cellulosa	Aythya americana	Melanella
Eleocharis parvula	Aythya americana	Bittium varium
Eleocharis quadrangulata	Aythya americana	Crepidula convexa
Elops saurus	Aythya americana	Cerithium lutosum
Engraulidae	Aythya americana	Cerithideopsis pliculosa
Ephemeroptera	Aythya americana	Calliostoma
Eragrostis	Aythya americana	Meioceras nitidum
Ergasilus	Aythya americana	Parvanachis obesa
Euceramus	Aythya americana	Costoanachis avara
Eucinostomus	Aythya americana	Japonactaeon punctostriatus
Euglena	Aythya americana	Acteocina canaliculata
Euphausiidae	Aythya americana	Plantae
Euphorbia bicolor	Aythya americana	Ruppia
Eurypanopeus depressus	Aythya americana	Halodule
Eurytemora	Aythya americana	Decapoda
Eurytemora hirundoides	Aythya americana	Bivalvia
Fallacia pygmaea	Aythya americana	Syringodium
Farfantepenaeus aztecus	Aythya americana	Thalassia
fecal pellets	Chen caerulescens	Oryza sativa
Festuca	Chen caerulescens	Eleocharis quadrangulata
Foraminiferida	Chen caerulescens	Juncus
Formicidae	Chen caerulescens	Bolboschoenus robustus

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Forminifera	Chen caerulescens	Distichlis spicata
Fragilaria	Branta	Oryza sativa
Fragilaria brevistriata	Branta	Cynodon dactylon
Fragilaria crotonensis	Branta	Juncus
Fundulus grandis	Anatidae	Ipomoea batatas
Fundulus similis	Anatidae	Spartina alterniflora
Gammaridae	Anatidae	Vaccinium
Gammarus mucronatus	Anatidae	Borrchia frutescens
Gastropoda	Anatidae	Distichlis spicata
Geissleria thingvallae	Anatidae	Pisum sativum
Geranium	Anatidae	Actinopterygii
Gibbesia neglecta	Anatidae	Detritus
Gobiidae	Anatidae	Plantae
Gracilaria	Anatidae	Corydalis
Grammatophora	Anatidae	Medicago polymorpha
Gryllidae	Anatidae	Geranium
Guinardia flaccida	Anatidae	Diodella teres
Gymnodinium	Anatidae	Iva
Gymnothorax	Anatidae	Sporobolus
Gyrosigma	Anatidae	Chloris
Gyrosigma acuminatum	Anatidae	Oxalis
Halodule	Anatidae	Echinochloa colona
Halodule wrightii	Anatidae	Cyperus
Harengula	Anatidae	Cucumis melo
Harpacticoida	Anatidae	Ambrosia psilostachya
Heliotropium indicum	Anatidae	Ipomoea
Hemiramphidae	Anatidae	Sorghum halepense
Hepatus	Anatidae	Cynoscium
Heterocrypta granulata	Anatidae	Polygonum
Hexapanopeus paulensis	Anatidae	Chaerophyllum
Hippolyte	Anatidae	Chlorophyta
Holothuroidea	Anatidae	Heliotropium indicum
Hydrachnidia	Anatidae	Cynodon dactylon
Hydroidolina	Anatidae	Paspalum
Hymenomonas	Anatidae	Lathyrus pusillus
Insecta	Anatidae	Bacopa monnieri
Ipomoea	Anatidae	Rumex acetosella
Ipomoea batatas	Anatidae	Panicum
Ischadium recurvum	Anatidae	Spartina

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Isocheles wurdemanni	Anatidae	Linum usitatissimum
Isopoda	Anatidae	Nasturtium officinal
Istiophorus platypterus	Anatidae	Sorghum bicolor
Iva	Anatidae	Zea mays
Japonactaeon punctostriatus	Anatidae	Oryza sativa
Juncus	Anatidae	Cirsium
Karayevia clevei	Anatidae	Plantago
Khakista	Anatidae	Verbenaceae
Kirchneriella	Anatidae	Oenothera speciosa
Kurtziella	Anatidae	Monanthochloe littoralis
Kurtziella limonitella	Anatidae	Salicornia bigelovii
Labidocera aestiva	Chen caerulescens	Sporobolus
Labridae	Chen caerulescens	Setaria
Laevicardium	Chen caerulescens	Panicum
Lagocephalus laevigatus	Chen caerulescens	Eragrostis
Lagodon rhomboides	Chen caerulescens	Festuca
Lathyrus pusillus	Chen caerulescens	Paspalum
Leersia oryzoides	Chen caerulescens	Andropogon
Leiepisosteus spatula	Chen caerulescens	Cyperus
Leiostomus xanthurus	Chen caerulescens	Carex
Lepidoptera	Chen caerulescens	Polygonum
Leptocheila	Chen caerulescens	Typha angustifolia
Leptocheilia	Chen caerulescens	Schoenoplectus pungens pungens
Leptogorgia setacea	Chen caerulescens	Spartina
Libinia	Chen caerulescens	Spartina alterniflora
Licmophora	Chen caerulescens	Phragmites australis
Linum usitatissimum	Branta hutchinsii	Vaccinium
Litiopa melanostoma	Branta canadensis	Vaccinium
Litopenaeus setiferus	Branta canadensis	Paspalum
Loligo	Branta canadensis	Bacopa monnieri
Lucania parva	Branta canadensis	Cynodon dactylon
Lucifer faxoni	Tursiops truncatus	Cynoscion regalis
Lyonsia hyalina	Tursiops truncatus	Ariopsis felis
Lysiosquilla scabricauda	Tursiops truncatus	Mugilidae
Lysmata	Tursiops truncatus	Aetobatus narinari
Macoma	Tursiops truncatus	Centropomus undecimalis
Magnoliopsida	Tursiops truncatus	Cynoscion nebulosus
Mangifera indica	Tursiops truncatus	Sphyrna zygaena
Martyana martyi	Tursiops truncatus	Istiophorus platypterus

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Mastogloia	Tursiops truncatus	Megalops atlanticus
Medicago polymorpha	Tursiops truncatus	Actinopterygii
Megalobrachium soriatum	Tursiops truncatus	Detritus
Megalops atlanticus	Tursiops truncatus	Milk
Meioceras nitidum	Tursiops truncatus	Cynoscion arenarius
Melanella	Tursiops truncatus	Micropogonias undulatus
Mellita quinquiesperforata	Tursiops truncatus	Leiostomus xanthurus
Melosira	Tursiops truncatus	Mud
Menidia beryllina	Tursiops truncatus	Litopenaeus setiferus
Menippe adina	Tursiops truncatus	Paralichthys lethostigma
Merismopedia	Tursiops truncatus	Pogonias cromis
Micropogonias undulatus	Tursiops truncatus	Strongylura marina
Milk	Tursiops truncatus	Archosargus probatocephalus
Mitrella lunata	Tursiops truncatus	Sphoeroides
Mollusca	Tursiops truncatus	Dorosoma cepedianum
Monanthochloe littoralis	Tursiops truncatus	Mugil cephalus
Moreiradromia antillensis	Ziphius cavirostris	Detritus
Mud	Ziphius cavirostris	Zea mays
Mugil cephalus	Ziphius cavirostris	Mangifera indica
Mugilidae	Ziphius cavirostris	Nematoda
Mulinia lateralis	Ziphius cavirostris	Teuthida
Mysidae	Ziphius cavirostris	Doryteuthis pealeii
Mysidopsis	Anas acuta	Mollusca
Mytilopsis leucophaeata	Anas acuta	Bivalvia
Najas	Anas acuta	Gastropoda
Najas guadalupensis	Anas acuta	Phoronida
Nassarius acutus	Anas acuta	Isopoda
Nasturtium officinal	Anas acuta	Amphipoda
Natica	Anas acuta	Plantae
Navicula	Anas acuta	Ruppia maritima
Navicula radiosa	Anas acuta	Halodule wrightii
Navicula rhynchocephala	Cynoscion nebulosus	Orthopristis chrysoptera
Neidium	Cynoscion nebulosus	Sciaenidae
Nelumbo lutea	Cynoscion nebulosus	Lagodon rhomboides
Nematoda	Cynoscion nebulosus	Elops saurus
Nemertea	Cynoscion nebulosus	Mugilidae
Nereididae	Cynoscion nebulosus	Polychaeta
Nereis pelagica	Cynoscion nebulosus	Nereis pelagica
Neritina	Cynoscion nebulosus	Penaeus

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Neverita duplicata	Sciaenops ocellatus	Alpheus heterochaelis
Nitzschia	Atractosteus spatula	Leiepisosteus spatula
Nitzschia closterium	Lutjanus campechanus	Prionotus
Nostoc	Lutjanus campechanus	Perciformes
not identified	Lutjanus campechanus	Gymnothorax
Nuculana concentrica	Lutjanus campechanus	Pseudomedeus
Nudibranchia	Lutjanus campechanus	Dardanus
Nymphaea odorata	Lutjanus campechanus	Ogyrides
Odonata	Lutjanus campechanus	Leptocheila
Oenothera speciosa	Lutjanus campechanus	Sicyonia dorsalis
Ogyrides	Lutjanus campechanus	Gibbesia neglecta
Oithona	Lutjanus campechanus	Squilla
Olivella minuta	Lutjanus campechanus	Aplysia fasciata
Olivella watermani	Lutjanus campechanus	Triplofusus giganteus
Opephora	Lutjanus campechanus	Callinectes
Ophiactis	Lutjanus campechanus	Portunidae
Ophiothrix angulata	Lutjanus campechanus	Decapoda
Organic	Lutjanus campechanus	Rimapenaeus constrictus
Orthopristis chrysoptera	Lutjanus campechanus	Dendrobranchiata
Oryza sativa	Lutjanus campechanus	Albunea paretii
Oscillatoria	Lutjanus campechanus	Crustacea
Ostracoda	Lutjanus campechanus	Actinopterygii
Ovalipes	Lutjanus campechanus	Squillidae
Oxalis	Lutjanus campechanus	Mollusca
Paguristes	Lutjanus campechanus	Pepilus paru
Pagurus	Lutjanus campechanus	Loligo
Palaemon	Lutjanus campechanus	Menidia beryllina
Palaemonetes	Lutjanus campechanus	Acetes americanus
Palaemonetes pugio	Lutjanus campechanus	Hepatus
Palaemonidae	Lutjanus campechanus	Pagurus
Palmeria hardmaniana	Lutjanus campechanus	Squilla empusa
Panicum	Lutjanus campechanus	Mugil cephalus
Panicum dichotomiflorum	Lutjanus campechanus	Ctenodrilus serratus
Paralichthys	Lutjanus campechanus	Xanthidae
Paralichthys lethostigma	Lutjanus campechanus	Ovalipes
Parvanachis obesa	Lutjanus campechanus	Persephona
Paspalum	Lutjanus campechanus	Trachurus lathami
Paspalum acuminatum	Lutjanus campechanus	Sphoeroides
Pelia mutica	Lutjanus campechanus	Syacium gunteri

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Penaeidae	Lutjanus campechanus	Syngnathus
Penaeus	Lutjanus campechanus	Pinnixa
Peprilus paru	Lutjanus campechanus	Portunus gibbesii
Perciformes	Lutjanus campechanus	Petrochirus diogenes
Persephona	Sphoeroides spengleri	not identified
Petrochirus diogenes	Serranus	Echinodermata
Petrolisthes galathinus	Serranus	Amphiodia pulchella
Phoronida	Serranus	Ophiothrix angulata
Phragmites australis	Serranus	Ophiactis
Phrontis vibex	Scorpaena plumieri	not identified
Physalia	Rypticus saponaceus	not identified
Pilumnus pannosus	Stegastes variabilis	not identified
Pilumnus sayi	Pareques acuminatus	not identified
Pinnixa	Opsanus pardus	Amphiodia pulchella
Pinnotheres	Opsanus pardus	Ophiothrix angulata
Pisum sativum	Opsanus pardus	Holothuroidea
Planorbidae	Odontoscion dentex	not identified
Planorhynchus hauckianum	Mycteroperca rubra	not identified
Plantae	Stephanolepis hispidus	Ophiothrix angulata
Plantago	Lutjanus griseus	not identified
plastic	Lutjanus campechanus	Amphiodia pulchella
Platylambrus serratus	Lagodon rhomboides	not identified
Pleocyemata	Labrisomus nuchipinnis	not identified
Pleocymata	Kyphosus sectatrix	not identified
Pleurosigma	Hypoleurochilus geminatus	not identified
Pogonias cromis	Halichoeres	Ophiothrix angulata
Polinices	Halichoeres bivittatus	Ophiothrix angulata
Polychaeta	Haemulon aurolineatum	not identified
Polygonum	Epinephelus adscensionis	Ophiothrix angulata
Polygonum foliosum paludicola	Diplodus holbrookii	not identified
Polymesoda floridana	Chaetodon sedentarius	not identified
Portunidae	Chaetodipterus faber	not identified
Portunus gibbesii	Brotula barbata	not identified
Potamogeton nodosus	Parablennius marmoratus	Ophiothrix angulata
Prionotus	Balistes capriscus	not identified
Prorocentrum	Archosargus probatocephalus	not identified
Prorocentrum micans	Pogonias cromis	Mulinia lateralis
Proserpinaca	Pogonias cromis	Anomalocardia cuneimeris
Protozoa	Pogonias cromis	Laevicardium

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Protozoa	Pogonias cromis	Argopecten irradians
Pseudodiaptomus coronatus	Pogonias cromis	Brachidontes exustus
Pseudomedaeus	Pogonias cromis	Pleocyemata
Pseudo-nitzschia pungens	Pogonias cromis	Polychaeta
Pyramidellidae	Pogonias cromis	Cyprinodon variegatus
Pyrgocythara plicosa	Pogonias cromis	Plantae
Pyrrophytophyta	Pogonias cromis	Acetabularia
Quercus	Pogonias cromis	Bivalvia
Rangia cuneata	Pogonias cromis	Mollusca
Recluzia rollandiana	Pogonias cromis	Chlorophyta
Rhynchospora corniculata	Pogonias cromis	Decapoda
Rimapenaeus constrictus	Pogonias cromis	Crustacea
Rumex acetosella	Pogonias cromis	Actinopterygii
Ruppia	Pogonias cromis	Annelida
Ruppia maritima	Sciaenops ocellatus	Cyprinodon variegatus
Saccella acuta	Sciaenops ocellatus	Palaemon
Sacciolepis striata	Sciaenops ocellatus	Decapoda
Sagittaria graminea	Sciaenops ocellatus	Farfantepenaeus aztecus
Salicornia bigelovii	Sciaenops ocellatus	Callinectes sapidus
Sand	Sciaenops ocellatus	Brachyura
Sargassum	Sciaenops ocellatus	Pleocyemata
Sayella hemphillii	Sciaenops ocellatus	Dyspanopeus texanus
Scaridae	Sciaenops ocellatus	Gobiidae
Scenedesmus	Sciaenops ocellatus	Atherinidae
Scenedesmus quadricauda	Sciaenops ocellatus	Mugilidae
Schoenoplectus californicus	Sciaenops ocellatus	Palaemonidae
Schoenoplectus pungens pungens	Sciaenops ocellatus	Penaeidae
Schrankia	Sciaenops ocellatus	Atheriniformes
Schwartziella catesbyana	Sciaenops ocellatus	Amphipoda
Sciaenidae	Sciaenops ocellatus	Copepoda
Scombridae	Fundulus grandis	Plantae
Sediment	Fundulus grandis	Sand
Serpulidae	Fundulus grandis	Detritus
Sesbania herbacea	Fundulus grandis	fecal pellets
Setaria	Fundulus grandis	Actinopterygii
Setaria pumila	Fundulus grandis	Fundulus grandis
Sicyonia brevirostris	Fundulus grandis	Telmatogetoninae
Sicyonia dorsalis	Fundulus grandis	Tanaidae
Silt	Fundulus grandis	Decapoda

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Skeletonema costatum	Fundulus grandis	Isopoda
Sorghum bicolor	Fundulus grandis	Insecta
Sorghum halepense	Fundulus grandis	Harpacticoida
Spartina	Fundulus grandis	Gammaridae
Spartina alterniflora	Fundulus grandis	Formicidae
Sphoeroides	Fundulus grandis	Diptera
Sphyrna zygaena	Fundulus grandis	Curculionidae
Sporobolus	Fundulus grandis	Pleocyemata
Squilla	Fundulus grandis	Copepoda
Squilla empusa	Fundulus grandis	Caprellidae
Squillidae	Fundulus grandis	Arachnida
Staurosira construens	Fundulus grandis	Palaemonetes
Stellifer lanceolatus	Fundulus grandis	Palaemonetes pugio
Stichosiphon	Fundulus grandis	Leptocheilia
Stomatopoda	Fundulus grandis	Gammarus mucronatus
Stramonita haemastoma	Fundulus grandis	Corophium
Strongylura marina	Fundulus grandis	Clibanarius vittatus
Stuckenia pectinata	Fundulus grandis	Callinectes sapidus
Styrofoam	Fundulus grandis	Alpheus
Surirella	Fundulus grandis	Crepidula plana
Syacium gunteri	Fundulus grandis	Polychaeta
Synalpheus fritzmuelleri	Fundulus grandis	Nereididae
Synedra	Fundulus grandis	Alitta succinea
Syngnathidae	Fundulus grandis	Nereis pelagica
Syngnathus	Fundulus grandis	Nemertea
Synodontidae	Fundulus grandis	Chlorophyta
Synodus foetens	Fundulus grandis	Cyanobacteria
Syringodium	Fundulus grandis	Khakista
Syringodium filiforme	Cyprinodon variegatus	Plantae
Tabellaria fenestrata	Cyprinodon variegatus	Sand
Tabularia fasciculata	Cyprinodon variegatus	Detritus
Tagelus plebeius	Cyprinodon variegatus	fecal pellets
Tanaidae	Cyprinodon variegatus	Actinopterygii
Taphromysis louisianae	Cyprinodon variegatus	Tanaidae
Tellina	Cyprinodon variegatus	Ostracoda
Telmatogetoninae	Cyprinodon variegatus	Insecta
Terebellidae	Cyprinodon variegatus	Harpacticoida
Terebra dislocata	Cyprinodon variegatus	Gammaridae
Tetraedron	Cyprinodon variegatus	Cyclopoida

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Tetraodontidae	Cyprinodon variegatus	Calanoida
Teuthida	Cyprinodon variegatus	Cirripedia
Thalassia	Cyprinodon variegatus	Nereididae
Thalassia testudinum	Cyprinodon variegatus	Foraminiferida
Thalassionema frauenfeldii	Cyprinodon variegatus	Chlorophyta
Thalassionema nitzschioides	Cyprinodon variegatus	Cyanobacteria
Thalassiosira	Cyprinodon variegatus	Khakista
Thalassiothrix	Lagodon rhomboides	Plantae
Tozeuma carolinense	Lagodon rhomboides	Sand
Trachurus lathami	Lagodon rhomboides	Detritus
Trachypenaeus	Lagodon rhomboides	fecal pellets
Trichiurus lepturus	Lagodon rhomboides	Actinopterygii
Trichoptera	Lagodon rhomboides	Tanaidae
Triplofusus giganteus	Lagodon rhomboides	Decapoda
Triticum	Lagodon rhomboides	Serpulidae
Tryblionella apiculata	Lagodon rhomboides	Mysidae
Tryblionella compressa	Lagodon rhomboides	Isopoda
Turbonilla	Lagodon rhomboides	Harpacticoida
Turbonilla interrupta	Lagodon rhomboides	Gammaridae
Typha angustifolia	Lagodon rhomboides	Pleocyemata
Ulva	Lagodon rhomboides	Copepoda
Vaccinium	Lagodon rhomboides	Coleoptera
Verbenaceae	Lagodon rhomboides	Calanoida
Vigna luteola	Lagodon rhomboides	Cirripedia
Virgularia	Lagodon rhomboides	Pseudodiaptomus coronatus
Vitrinella	Lagodon rhomboides	Palaemonetes
Westella botryoides	Lagodon rhomboides	Oithona
Xanthidae	Lagodon rhomboides	Ogyrides
Zea mays	Lagodon rhomboides	Mysidopsis
	Lagodon rhomboides	Americamysis almyra
	Lagodon rhomboides	Labidocera aestiva
	Lagodon rhomboides	Hippolyte
	Lagodon rhomboides	Gammarus mucronatus
	Lagodon rhomboides	Eurytemora hirundoides
	Lagodon rhomboides	Eurypanopeus depressus
	Lagodon rhomboides	Corophium
	Lagodon rhomboides	Cassidinidea lunifrons
	Lagodon rhomboides	Callinectes sapidus
	Lagodon rhomboides	Acartia tonsa

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Lagodon rhomboides	Bivalvia
Lagodon rhomboides	Laevicardium
Lagodon rhomboides	Mytilopsis leucophaeata
Lagodon rhomboides	Polychaeta
Lagodon rhomboides	Nereididae
Lagodon rhomboides	Alitta succinea
Lagodon rhomboides	Actiniaria
Lagodon rhomboides	Foraminiferida
Lagodon rhomboides	Chlorophyta
Lagodon rhomboides	Cyanobacteria
Leiostomus xanthurus	Plantae
Leiostomus xanthurus	Sand
Leiostomus xanthurus	Detritus
Leiostomus xanthurus	fecal pellets
Leiostomus xanthurus	Actinopterygii
Leiostomus xanthurus	Brevoortia patronus
Leiostomus xanthurus	Tanaidae
Leiostomus xanthurus	Telmatogetoninae
Leiostomus xanthurus	Decapoda
Leiostomus xanthurus	Ostracoda
Leiostomus xanthurus	Odonata
Leiostomus xanthurus	Mysidae
Leiostomus xanthurus	Isopoda
Leiostomus xanthurus	Insecta
Leiostomus xanthurus	Harpacticoida
Leiostomus xanthurus	Gammaridae
Leiostomus xanthurus	Cyclopoida
Leiostomus xanthurus	Ceratopogonidae
Leiostomus xanthurus	Calanoida
Leiostomus xanthurus	Cirripedia
Leiostomus xanthurus	Coullana canadensis
Leiostomus xanthurus	Pseudodiaptomus coronatus
Leiostomus xanthurus	Penaeidae
Leiostomus xanthurus	Americamysis almyra
Leiostomus xanthurus	Leptocheilia
Leiostomus xanthurus	Labidocera aestiva
Leiostomus xanthurus	Gammarus mucronatus
Leiostomus xanthurus	Eurytemora hirundoides
Leiostomus xanthurus	Corophium

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Leiostomus xanthurus	Callinectes sapidus
Leiostomus xanthurus	Bowmaniella brasiliensis
Leiostomus xanthurus	Acartia tonsa
Leiostomus xanthurus	Bivalvia
Leiostomus xanthurus	Rangia cuneata
Leiostomus xanthurus	Macoma
Leiostomus xanthurus	Terebellidae
Leiostomus xanthurus	Polychaeta
Leiostomus xanthurus	Nereididae
Leiostomus xanthurus	Alitta succinea
Leiostomus xanthurus	Nemertea
Leiostomus xanthurus	Foraminiferida
Leiostomus xanthurus	Cyanobacteria
Leiostomus xanthurus	Khakista
Leiostomus xanthurus	Coscinodiscus
Micropogonias undulatus	Plantae
Micropogonias undulatus	Sand
Micropogonias undulatus	Detritus
Micropogonias undulatus	fecal pellets
Micropogonias undulatus	Actinopterygii
Micropogonias undulatus	Anchoa mitchilli
Micropogonias undulatus	Telmatogetoninae
Micropogonias undulatus	Tanaidae
Micropogonias undulatus	Decapoda
Micropogonias undulatus	Ostracoda
Micropogonias undulatus	Mysidae
Micropogonias undulatus	Insecta
Micropogonias undulatus	Harpacticoida
Micropogonias undulatus	Gammaridae
Micropogonias undulatus	Diptera
Micropogonias undulatus	Cyclopoida
Micropogonias undulatus	Pleocyemata
Micropogonias undulatus	Copepoda
Micropogonias undulatus	Chironomidae
Micropogonias undulatus	Coullana canadensis
Micropogonias undulatus	Pseudodiaptomus coronatus
Micropogonias undulatus	Penaeidae
Micropogonias undulatus	Litopenaeus setiferus
Micropogonias undulatus	Palaemonetes

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Micropogonias undulatus	Palaemonetes pugio
Micropogonias undulatus	Ogyrides
Micropogonias undulatus	Dyspanopeus texanus
Micropogonias undulatus	Mysidopsis
Micropogonias undulatus	Americamysis almyra
Micropogonias undulatus	Leptocheilia
Micropogonias undulatus	Labidocera aestiva
Micropogonias undulatus	Gammarus mucronatus
Micropogonias undulatus	Eurytemora
Micropogonias undulatus	Eurytemora hirundoides
Micropogonias undulatus	Corophium
Micropogonias undulatus	Caligus
Micropogonias undulatus	Bowmaniella brasiliensis
Micropogonias undulatus	Acartia tonsa
Micropogonias undulatus	Gastropoda
Micropogonias undulatus	Bivalvia
Micropogonias undulatus	Neritina
Micropogonias undulatus	Mulinia lateralis
Micropogonias undulatus	Polychaeta
Micropogonias undulatus	Nereididae
Micropogonias undulatus	Alitta succinea
Micropogonias undulatus	Arenicola cristata
Micropogonias undulatus	Brachionus
Micropogonias undulatus	Foraminiferida
Micropogonias undulatus	Chlorophyta
Micropogonias undulatus	Coscinodiscus
Sciaenops ocellatus	Plantae
Sciaenops ocellatus	Sand
Sciaenops ocellatus	Detritus
Sciaenops ocellatus	Actinopterygii
Sciaenops ocellatus	Mugil cephalus
Sciaenops ocellatus	Micropogonias undulatus
Sciaenops ocellatus	Lucania parva
Sciaenops ocellatus	Leiostomus xanthurus
Sciaenops ocellatus	Fundulus similis
Sciaenops ocellatus	Brevoortia patronus
Sciaenops ocellatus	Anchoa mitchilli
Sciaenops ocellatus	Chordata
Sciaenops ocellatus	Xanthidae

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Sciaenops ocellatus	Tanaidae
Sciaenops ocellatus	Mysidae
Sciaenops ocellatus	Isopoda
Sciaenops ocellatus	Gammaridae
Sciaenops ocellatus	Ephemeroptera
Sciaenops ocellatus	Tozeuma carolinense
Sciaenops ocellatus	Palaemonetes
Sciaenops ocellatus	Palaemonetes pugio
Sciaenops ocellatus	Mysidopsis
Sciaenops ocellatus	Hippolyte
Sciaenops ocellatus	Gammarus mucronatus
Sciaenops ocellatus	Ergasilus
Sciaenops ocellatus	Corophium
Sciaenops ocellatus	Bowmaniella brasiliensis
Sciaenops ocellatus	Arthropoda
Sciaenops ocellatus	Bivalvia
Sciaenops ocellatus	Mitrella lunata
Sciaenops ocellatus	Mollusca
Sciaenops ocellatus	Polychaeta
Sciaenops ocellatus	Nereididae
Sciaenops ocellatus	Alitta succinea
Sciaenops ocellatus	Diopatra cuprea
Sciaenops ocellatus	Annelida
Fundulus similis	Plantae
Fundulus similis	Sand
Fundulus similis	Detritus
Fundulus similis	fecal pellets
Fundulus similis	Actinopterygii
Fundulus similis	Telmatogetoninae
Fundulus similis	Tanaidae
Fundulus similis	Decapoda
Fundulus similis	Ostracoda
Fundulus similis	Isopoda
Fundulus similis	Insecta
Fundulus similis	Hydrachnidia
Fundulus similis	Harpacticoida
Fundulus similis	Gammaridae
Fundulus similis	Formicidae
Fundulus similis	Dytiscidae

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Fundulus similis	Diptera
Fundulus similis	Curculionidae
Fundulus similis	Copepoda
Fundulus similis	Cirripedia
Fundulus similis	Palaemonetes
Fundulus similis	Corophium
Fundulus similis	Gastropoda
Fundulus similis	Bivalvia
Fundulus similis	Polychaeta
Fundulus similis	Nereididae
Fundulus similis	Foraminiferida
Fundulus similis	Cyanobacteria
Anchoa mitchilli	Sand
Anchoa mitchilli	Detritus
Anchoa mitchilli	Actinopterygii
Anchoa mitchilli	Trichoptera
Anchoa mitchilli	Tanaidae
Anchoa mitchilli	Decapoda
Anchoa mitchilli	Ostracoda
Anchoa mitchilli	Mysidae
Anchoa mitchilli	Harpacticoida
Anchoa mitchilli	Gammaridae
Anchoa mitchilli	Formicidae
Anchoa mitchilli	Pleocyemata
Anchoa mitchilli	Copepoda
Anchoa mitchilli	Calanoida
Anchoa mitchilli	Cirripedia
Anchoa mitchilli	Taphromysis louisianae
Anchoa mitchilli	Pseudodiaptomus coronatus
Anchoa mitchilli	Palaemonetes
Anchoa mitchilli	Oithona
Anchoa mitchilli	Americamysis almyra
Anchoa mitchilli	Euceramus
Anchoa mitchilli	Caligus
Anchoa mitchilli	Corophium
Anchoa mitchilli	Acartia tonsa
Anchoa mitchilli	Cyanobacteria
Anchoa mitchilli	Khakista
Anchoa mitchilli	Coscinodiscus

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Pogonias cromis	Detritus
Pogonias cromis	fecal pellets
Pogonias cromis	Chordata
Pogonias cromis	Xanthidae
Pogonias cromis	Telmatogetoninae
Pogonias cromis	Tanaidae
Pogonias cromis	Odonata
Pogonias cromis	Mysidae
Pogonias cromis	Gammaridae
Pogonias cromis	Diptera
Pogonias cromis	Gammarus mucronatus
Pogonias cromis	Corophium
Pogonias cromis	Gastropoda
Pogonias cromis	Rangia cuneata
Pogonias cromis	Forminifera
Pogonias cromis	Protozoa
Menidia beryllina	Sand
Menidia beryllina	Detritus
Menidia beryllina	fecal pellets
Menidia beryllina	Actinopterygii
Menidia beryllina	Anchoa mitchilli
Menidia beryllina	Decapoda
Menidia beryllina	Ostracoda
Menidia beryllina	Insecta
Menidia beryllina	Harpacticoida
Menidia beryllina	Gammaridae
Menidia beryllina	Formicidae
Menidia beryllina	Diptera
Menidia beryllina	Calanoida
Menidia beryllina	Cirripedia
Menidia beryllina	Arachnida
Menidia beryllina	Taphromysis louisianae
Menidia beryllina	Pinnotheres
Menidia beryllina	Palaemonetes
Menidia beryllina	Labidocera aestiva
Menidia beryllina	Eurytemora hirundoides
Menidia beryllina	Edotia triloba
Menidia beryllina	Corophium
Menidia beryllina	Caligus

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Menidia beryllina	Acartia tonsa
Menidia beryllina	Gastropoda
Menidia beryllina	Bivalvia
Menidia beryllina	Polychaeta
Menidia beryllina	Nereididae
Menidia beryllina	Diopatra cuprea
Menidia beryllina	Coscinodiscus
Cynoscion nebulosus	Plantae
Cynoscion nebulosus	Sand
Cynoscion nebulosus	Detritus
Cynoscion nebulosus	Menidia beryllina
Cynoscion nebulosus	Actinopterygii
Cynoscion nebulosus	Brevoortia patronus
Cynoscion nebulosus	Anchoa mitchilli
Cynoscion nebulosus	Chordata
Cynoscion nebulosus	Tanaidae
Cynoscion nebulosus	Decapoda
Cynoscion nebulosus	Mysidae
Cynoscion nebulosus	Gammaridae
Cynoscion nebulosus	Farfantepenaeus aztecus
Cynoscion nebulosus	Palaemonetes
Cynoscion nebulosus	Palaemonetes pugio
Cynoscion nebulosus	Mysidopsis
Cynoscion nebulosus	Alpheus
Cynoscion nebulosus	Arthropoda
Cynoscion nebulosus	Bivalvia
Cynoscion nebulosus	Mollusca
Cynoscion nebulosus	Annelida
Mugil cephalus	Silt
Mugil cephalus	Sand
Mugil cephalus	Detritus
Mugil cephalus	Prorocentrum
Mugil cephalus	Prorocentrum micans
Mugil cephalus	Gymnodinium
Mugil cephalus	Pyrrophytophyta
Mugil cephalus	Euglena
Mugil cephalus	Nostoc
Mugil cephalus	Merismopedia
Mugil cephalus	Dactylococcopsis

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Mugil cephalus	Chroococcus
Mugil cephalus	Aphanocapsa
Mugil cephalus	Anabaena
Mugil cephalus	Hymenomonas
Mugil cephalus	Campylodiscus
Mugil cephalus	Scenedesmus
Mugil cephalus	Acutodesmus acuminatus
Mugil cephalus	Kirchneriella
Mugil cephalus	Chlorophyta
Mugil cephalus	Cosmarium
Mugil cephalus	Chlorophyceae
Mugil cephalus	Closteriopsis
Mugil cephalus	Thalassiothrix
Mugil cephalus	Thalassionema frauenfeldii
Mugil cephalus	Thalassionema nitzschioides
Mugil cephalus	Thalassiosira
Mugil cephalus	Tabellaria fenestrata
Mugil cephalus	Synedra
Mugil cephalus	Tabularia fasciculata
Mugil cephalus	Surirella
Mugil cephalus	Gyrosigma acuminatum
Mugil cephalus	Gyrosigma
Mugil cephalus	Grammatophora
Mugil cephalus	Fragilaria
Mugil cephalus	Fragilaria crotonensis
Mugil cephalus	Staurosira construens
Mugil cephalus	Fragilaria brevistriata
Mugil cephalus	Stichosiphon
Mugil cephalus	Plantae
Mugil cephalus	Skeletonema costatum
Mugil cephalus	Pleurosigma
Mugil cephalus	Bacillariophycidae
Mugil cephalus	Opephora
Mugil cephalus	Martyana martyi
Mugil cephalus	Nitzschia
Mugil cephalus	Tryblionella compressa
Mugil cephalus	Nitzschia closterium
Mugil cephalus	Tryblionella apiculata
Mugil cephalus	Neidium

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Mugil cephalus	Navicula
Mugil cephalus	Navicula rhynchocephala
Mugil cephalus	Navicula radiosia
Mugil cephalus	Fallacia pygmaea
Mugil cephalus	Caloneis
Mugil cephalus	Geissleria thingvallae
Mugil cephalus	Craticula halophila
Mugil cephalus	Craticula accomoda
Mugil cephalus	Melosira
Mugil cephalus	Mastogloia
Mugil cephalus	Licmophora
Mugil cephalus	Palmeria hardmaniana
Mugil cephalus	Diploneis
Mugil cephalus	Cymbella
Mugil cephalus	Cyclotella
Mugil cephalus	Coscinodiscus
Mugil cephalus	Coscinodiscus radiatus
Mugil cephalus	Coscinodiscus granii
Mugil cephalus	Coscinodiscus excentricus
Mugil cephalus	Cocconeis
Mugil cephalus	Cocconeis placentula
Mugil cephalus	Climacosphenia moniligera
Mugil cephalus	Chaetoceros
Mugil cephalus	Chaetoceros compressus
Mugil cephalus	Centrales
Mugil cephalus	Biddulphia
Mugil cephalus	Bacillaria paxillifer
Mugil cephalus	Asterionella japonica
Mugil cephalus	Asterionella
Mugil cephalus	Curculionidae
Mugil cephalus	Amphiprora
Mugil cephalus	Amphipleura pellucida
Mugil cephalus	Achnanthes
Mugil cephalus	Planothidium hauckianum
Cynoscion arenarius	Detritus
Cynoscion arenarius	Actinopterygii
Cynoscion arenarius	Anchoa mitchilli
Cynoscion arenarius	Mysidae
Cynoscion arenarius	Gammaridae

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Cynoscion arenarius	Penaeidae
Cynoscion arenarius	Palaemonetes pugio
Cynoscion arenarius	Ogyrides
Cynoscion arenarius	Americamysis almyra
Cynoscion arenarius	Caligus
Cynoscion arenarius	Polychaeta
Archosargus probatocephalus	Plantae
Archosargus probatocephalus	Sand
Archosargus probatocephalus	Detritus
Archosargus probatocephalus	Telmatogetoninae
Archosargus probatocephalus	Tanaidae
Archosargus probatocephalus	Mysidae
Archosargus probatocephalus	Harpacticoida
Archosargus probatocephalus	Gammaridae
Archosargus probatocephalus	Formicidae
Archosargus probatocephalus	Pleocyemata
Archosargus probatocephalus	Calanoida
Archosargus probatocephalus	Mysidopsis
Archosargus probatocephalus	Eurytemora hirundoides
Archosargus probatocephalus	Eurypanopeus depressus
Archosargus probatocephalus	Corophium
Archosargus probatocephalus	Callinectes sapidus
Archosargus probatocephalus	Bivalvia
Archosargus probatocephalus	Laevicardium
Archosargus probatocephalus	Serpulidae
Archosargus probatocephalus	Polychaeta
Archosargus probatocephalus	Foraminiferida
Archosargus probatocephalus	Chlorophyta
Archosargus probatocephalus	Cyanobacteria
Paralichthys lethostigma	Detritus
Paralichthys lethostigma	Actinopterygii
Paralichthys lethostigma	Archosargus probatocephalus
Paralichthys lethostigma	Micropogonias undulatus
Paralichthys lethostigma	Decapoda
Paralichthys lethostigma	Palaemonetes pugio
Paralichthys lethostigma	Gastropoda
Paralichthys lethostigma	Bivalvia
Paralichthys lethostigma	Macoma
Paralichthys lethostigma	Brachidontes exustus

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Brevoortia patronus	Silt
Brevoortia patronus	Sand
Brevoortia patronus	Detritus
Brevoortia patronus	Prorocentrum
Brevoortia patronus	Prorocentrum micans
Brevoortia patronus	Protoperidinium
Brevoortia patronus	Pyrrophycophyta
Brevoortia patronus	Oscillatoria
Brevoortia patronus	Dactylococcopsis
Brevoortia patronus	Chroococcus
Brevoortia patronus	Anabaena
Brevoortia patronus	Chromista
Brevoortia patronus	Westella botryoides
Brevoortia patronus	Tetraedron
Brevoortia patronus	Scenedesmus quadricauda
Brevoortia patronus	Scenedesmus
Brevoortia patronus	Acutodesmus acuminatus
Brevoortia patronus	Kirchneriella
Brevoortia patronus	Crucigenia
Brevoortia patronus	Cosmarium
Brevoortia patronus	Chlorophyceae
Brevoortia patronus	Thalassiothrix
Brevoortia patronus	Thalassionema nitzschioides
Brevoortia patronus	Thalassiosira
Brevoortia patronus	Synedra
Brevoortia patronus	Guinardia flaccida
Brevoortia patronus	Plantae
Brevoortia patronus	Skeletonema costatum
Brevoortia patronus	Bacillariophycidae
Brevoortia patronus	Nitzschia
Brevoortia patronus	Pseudo-nitzschia pungens
Brevoortia patronus	Tryblionella compressa
Brevoortia patronus	Nitzschia closterium
Brevoortia patronus	Tryblionella apiculata
Brevoortia patronus	Navicula
Brevoortia patronus	Fallacia pygmaea
Brevoortia patronus	Diatoma
Brevoortia patronus	Cyclotella
Brevoortia patronus	Coscinodiscus

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Brevoortia patronus	Coscinodiscus radiatus
Brevoortia patronus	Coscinodiscus granii
Brevoortia patronus	Coscinodiscus excentricus
Brevoortia patronus	Chaetoceros
Brevoortia patronus	Centrales
Brevoortia patronus	Asterionella japonica
Brevoortia patronus	Achnanthes
Brevoortia patronus	Planothidium hauckianum
Brevoortia patronus	Karayevia clevei
Bairdiella chrysoura	Plantae
Bairdiella chrysoura	Detritus
Bairdiella chrysoura	Actinopterygii
Bairdiella chrysoura	Archosargus probatocephalus
Bairdiella chrysoura	Decapoda
Bairdiella chrysoura	Mysidae
Bairdiella chrysoura	Gammaridae
Bairdiella chrysoura	Americamysis almyra
Bairdiella chrysoura	Cassinidea lunifrons
Bairdiella chrysoura	Callinectes sapidus
Stenella frontalis	Lagodon rhomboides
Stenella frontalis	Loligo
Stenella frontalis	Penaeidae
Stenella frontalis	Dendrobranchiata
Stenella frontalis	Trichiurus lepturus
Tursiops truncatus	Loligo
Tursiops truncatus	Lagocephalus laevigatus
Tursiops truncatus	Synodus foetens
Tursiops truncatus	Scaridae
Tursiops truncatus	Lagodon rhomboides
Tursiops truncatus	Trichiurus lepturus
Tursiops truncatus	Paralichthys
Tursiops truncatus	Pleocyemata
Tursiops truncatus	Dendrobranchiata
Scomberomorus cavalla	Teuthida
Scomberomorus cavalla	Clupeidae
Scomberomorus cavalla	Anchoa
Scomberomorus cavalla	Engraulidae
Scomberomorus cavalla	Actinopterygii
Scomberomorus cavalla	Synodontidae

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Scomberomorus cavalla	Labridae
Scomberomorus cavalla	Eucinostomus
Scomberomorus cavalla	Syngnathidae
Scomberomorus cavalla	Scomberidae
Scomberomorus cavalla	Sciaenidae
Scomberomorus cavalla	Electrona antarctica
Scomberomorus cavalla	Hemiramphidae
Scomberomorus cavalla	Decapoda
Scomberomorus cavalla	Carangidae
Scomberomorus cavalla	Callionymidae
Scomberomorus cavalla	Bothidae
Scomberomorus maculatus	Labridae
Scomberomorus maculatus	Anchoa
Scomberomorus maculatus	Engraulidae
Scomberomorus maculatus	Harengula
Scomberomorus maculatus	Clupeidae
Scomberomorus maculatus	Actinopterygii
Scomberomorus maculatus	Nematoda
Scomberomorus maculatus	Dendrobranchiata
Scomberomorus maculatus	Gastropoda
Scomberomorus maculatus	Teuthida
Scomberomorus maculatus	Balistidae
Scomberomorus maculatus	Euphausiidae
Scomberomorus maculatus	Penaeidae
Scomberomorus maculatus	Amphipoda
Scomberomorus maculatus	Nudibranchia
Scomberomorus maculatus	Tetraodontidae
Scomberomorus maculatus	Bothidae
Scomberomorus maculatus	Electrona antarctica
Scomberomorus maculatus	Carangidae
Lutjanus campechanus	Platylambrus serratus
Lutjanus campechanus	Lysiosquilla scabricauda
Lutjanus campechanus	Callinectes sapidus
Lutjanus campechanus	Caprella penantis
Lutjanus campechanus	Stomatopoda
Lutjanus campechanus	Trachypenaeus
Lutjanus campechanus	Callinectes similis
Haemulon aurolineatum	Hepatus
Chaetodipterus faber	Trachypenaeus

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Chaetodipterus faber	Stomatopoda
Chaetodipterus faber	Farfantepenaeus aztecus
Chaetodipterus faber	Acetes americanus
Balistes capriscus	Libinia
Balistes capriscus	Hepatus
Balistes capriscus	Callinectes similis
Archosargus probatocephalus	Persephona
Archosargus probatocephalus	Paguristes
Archosargus probatocephalus	Heterocrypta granulata
Rachycentron canadum	Squilla
Rachycentron canadum	Squilla empusa
Rachycentron canadum	Sicyonia dorsalis
Rachycentron canadum	Sicyonia brevirostris
Rachycentron canadum	Portunus gibbesii
Rachycentron canadum	Farfantepenaeus aztecus
Rachycentron canadum	Callinectes similis
Rachycentron canadum	Arenaeus cribrarius
Serranus	Lucifer faxoni
Serranus	Leptocheila
Serranus	Lysmata
Serranus	Elasmopus rapax
Serranus	Moreiradromia antillensis
Serranus	Xanthidae
Serranus	Synalpheus fritzmuelleri
Serranus	Pilumnus pannosus
Serranus	Petrolisthes galathinus
Serranus	Hexapanopeus paulensis
Serranus	Isopoda
Serranus	Pilumnus sayi
Serranus	Caprella penantis
Serranus	Amphipoda
Rypticus saponaceus	Amphipoda
Rypticus saponaceus	Synalpheus fritzmuelleri
Rypticus saponaceus	Pseudomedaeus
Rypticus saponaceus	Pilumnus pannosus
Rypticus saponaceus	Lysmata
Rypticus saponaceus	Pilumnus sayi
Rypticus saponaceus	Petrolisthes galathinus
Pareques acuminatus	Isopoda

Appendix 12 - List of references, unique predators and prey, and unique interactions for Lower Laguna Madre

Pareques acuminatus	Pilumnus pannosus
Pareques acuminatus	Petrolisthes galathinus
Pareques acuminatus	Pseudomedeus
Pareques acuminatus	Hexapanopeus paulensis
Pareques acuminatus	Synalpheus fritzmuelleri
Pareques acuminatus	Pilumnus sayi
Opsanus pardus	Pilumnus sayi
Opsanus pardus	Pelia mutica
Opsanus pardus	Hepatus
Opsanus pardus	Moreiradromia antillensis
Opsanus pardus	Callinectes similis
Opsanus pardus	Pagurus
Opsanus pardus	Paguristes
Odontoscion dentex	Leptochela
Mycteroperca rubra	Leptochela
Halichoeres	Pilumnus sayi
Halichoeres bivittatus	Xanthidae
Halichoeres bivittatus	Pilumnus sayi
Halichoeres bivittatus	Megalobrachium soriatum
Epinephelus adscensionis	Synalpheus fritzmuelleri
Epinephelus adscensionis	Paguristes
Epinephelus adscensionis	Hexapanopeus paulensis
Epinephelus adscensionis	Pseudomedeus
Epinephelus adscensionis	Pilumnus sayi

Appendix 13

Outline for manuscript for peer-reviewed journal.

Diet data and food webs of Texas bays and estuaries using historical data from the GoMexSI database

Simons, J. D., Poelen, J.H., Mitchell, T.C.

Abstract

Introduction

Importance of trophic or diet data for fisheries management and tracing the movement of pollutants such as mercury.

Lack of published food webs or models for Texas. Information about the data available for Texas bays and estuaries.

Introduce the GoMexSI and GloBI databases

State the purpose of the paper

Methods and Materials

Description of the GoMexSI and GloBI databases

Description of the data available for each of the Texas bays and estuaries

Data accessibility

Results

General overall results. The number of overall references extracted, the time frame of those references, number of predators, and prey overall.

Data and food webs for the Texas bays and estuaries

Sabine Lake – table of predators and prey, and food web diagram. Stats on the data.

Galveston Bay– table of predators and prey, and food web diagram. Stats on the data.

Matagorda Bay– table of predators and prey, and food web diagram. Stats on the data.

San Antonio Bay– table of predators and prey, and food web diagram. Stats on the data.

Aransas Bay– table of predators and prey, and food web diagram. Stats on the data.

Corpus Christi Bay– table of predators and prey, and food web diagram. Stats on the data.

Upper Laguna Madre– table of predators and prey, and food web diagram. Stats on the data.

Lower Laguna Madre– table of predators and prey, and food web diagram. Stats on the data.

Discussion

Talk about differences in food webs among the different bays and estuaries.

Compare to other results elsewhere.

Suggest future endeavors.

Acknowledgement

Thanks to Texas General Land Office CMP for supporting this project through GLO Contract No. 16-058-000-9102. Many thanks to the following interns and volunteers who assisted with the extraction and editing of the diet and spatial data collection process: Claire Berger, Morgan Boening, Savannah Borrowman, Michael Brode, Frederike Davis, Alex Fisher, Jordan Lewis, Javier Lorenzo, Rebecca Lund, Erin Mawhinney, Tarah Murray, Renee Pearl, Kalen Rice, Landrue Richards, Jennel Schmidt, Gavyn Shealy, and Hannah Stiles.

References