

FISH ROCKS

Perth, Western Australia



About Fish Rocks

Fish Rocks is a small reef area approximately 2 Kms offshore from C.Y.O'connor beach. It is marked by two Cardinal navigation markers, one Northern & one Western. It is situated on Success Bank and is approximately 4 Kms south of the Fremantle port and the Swan River Estuary & 3 Kms North of the Port Coogee Marina. Its maximum depth is approximately 4M, making it vulnerable to seasonal storms. Other recent pressures may have been put on the site by the opening of the Port Coogee Marina in 2007, and the dredging of Fremantle Harbour in 2010. We also had marine heatwaves in 2010 and 2011.

C.Y.O'connor beach is historically renowned for being an industrial zone. Robb Jetty and the Abattoirs & the Power Station being the most notable establishments. Robb Jetty was dismantled in the 1960's, while the Power Station was decommissioned in 1985, and the Abattoirs in 1994.

The Fish Rocks survey started as a Marine Community Monitoring Project (MCMO) initiated by the Natural Heritage Trust (NHT) and what was then called the Department of Conservation, and Land Management (CALM). It was conducted by the Friends of South Beach community group and Murdoch University Diver's Club (MUD). After several initial surveys, the project lost momentum and the MUD club vowed to continue the surveys single-handedly as a community service. To this date they have fulfilled their vow.

The first survey was conducted in December 2002, with the intention of completing surveys every six months afterwards. So far the commitment has been more-or-less delivered. The survey is concentrated towards fish species and abundance, although some other observations have been made, all be it in less detail. So far close to 100 species of fish have been recorded as well as dolphins and a sealion. Numerous tropical fish species have been recorded including the Longfin Bannerfish (*Heniochus acuminatus*), the Narrow-banded Sergeant Major (*Abudefduf bengalensis*), and the Chinaman Rock Cod (*Epinephelides rivulatus*).

Survey data can be viewed by selecting the sheet titled by the date of the survey, starting at Dec.02. The sheet labelled 'Total' lists the grand total of all species recorded at the sight over the entire period of surveys.

By Murdoch Uni Divers and Philip Good

Location Fish Rocks
 Date of Assessment 19 November 2024
 Dive Time 35
 Maximum Depth 4.2
 Accessories Torch

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	<10	
2	BLENNIIDAE	<i>Omobranchus germaini</i>	Germain's Blenny	2	
3	BLENNIIDAE	<i>Parablennius postoculomaculatu</i>	False Tasmanian Blenny	<10	
4	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	2	Juvenile
5	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	>20	
6	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	>30	
7	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	>50	
8	PEMPHERIDAE	<i>Pempheris multiradiata</i>	Common Bullseye	<20	Juvenile
9	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	2	
10	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	>30	
11	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	>20	
12	TERAPONIDAE	<i>Pelates octolineatus</i>	Striped Trumpeter	Many	
13	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	>50	
14	TRIPTERYGIIDAE	<i>Enneapterygius larsonae</i>	White-barred Threefin	<5	
15	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	>10	
	Octopus			1	

Location Fish Rocks
 Date of Assessment 19-Feb-24
 Dive Time 87
 Maximum Depth 4.2
 Accessories Torch, Camera

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus Rueppellii</i>	Gobbleguts	<10	Juvenile
2	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	Abundant	Juvenile
3	ARACANIDAE	<i>Anoplocapros amygdaloides</i>	Western Smooth Boxfish	2	
4	ARACANIDAE	<i>Anoplocapros lenticularis</i>	White Barred Boxfish	1	
5	ATHERINIDAE	<i>Leptatherina presbyteroides</i>	Silver Fish	Numerous	
6	BLENNIIDAE	<i>Omobranchus germaini</i>	Germain's Blenny	2	
7	BLENNIIDAE	<i>Parablennius postoculomaculatu</i>	False Tasmanian Blenny	<5	
8	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	2	Juvenile
9	CHEILODACTYLIDAE	<i>Dactylophora nigricans</i>	Dusky Morwong	1	>1M
10	CLUPEIDAE	<i>Spratelloides robustus</i>	Blue Sprat	Many	
11	EPHIPPIDAE	<i>Platax teira</i>	Roundface Batfish	2	50cm
12	HAEMULIDAE	<i>Plectorhinchus flavomaculatus</i>	Gold-spotted Sweetlips	2	Adult
13	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	>50	
14	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	<5	
15	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	>50	
16	LATIDAE	<i>Psammoperca waigiensis</i>	Sand Bass	<20	Adult
17	MONACANTHIDAE	<i>Chaetoderma penicilligera</i>	Prickly Leatherjacket	6-8	Adult
18	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	Numerous	
19	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	>50	
20	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	2	
21	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	>30	
22	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	>20	
23	POMATOMIDAE	<i>Pomatomus saltatrix</i>	Tailor	>50	30-40 cm
24	SCYLIORHINIDAE	<i>Aulohalaelurus labiosus</i>	Black-spotted Catshark	2	
25	SERRANIDAE	<i>Caesioscorpis theagenes</i>	Southern Fusilier	<20	Juvenile
26	SIGANIDAE	<i>Siganus fuscescens</i>	Black Spinefoot	<20	Adult
27	SPARIDAE	<i>Rhabdosargus sarba</i>	Silver Bream	<10	Young Adult
28	SPHYRAENIDAE	<i>Sphyraena obtusata</i>	Striped Seapike	>20	Juvenile
29	TERAPONIDAE	<i>Pelates octolineatus</i>	Striped Trumpeter	Many	
30	TERAPONIDAE	<i>Pelsartia humeralis</i>	Sea Trumpeter	Several	
31	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	>20	
32	TRIPTERYGIIDAE	<i>Enneapterygius larsonae</i>	White-barred Threefin	<10	
33	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	>10	

Octopus 4

Location Fish Rocks
 Date of Assessment 7-Oct-23
 Dive Time 59
 Maximum Depth 3.8
 Accessories Torch, Camera

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	>20	
2	ARACANIDAE	<i>Anoplocapros lenticularis</i>	White Barred Boxfish	1	
3	BLENNIIDAE	<i>Parablennius postoculomaculatu</i>	False Tasmanian Blenny	<5	
4	CALLIONYMIDAE	<i>Eocallionymus papilio</i>	Painted Stinkfish	1	Juvenile
5	CARANGIDAE	<i>Seriola hippos</i>	Samson Fish	6-8	Large
6	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	>50	
7	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	<10	
8	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	>50	
9	MULLIDAE	<i>Parupeneus spilurus</i>	Black-spot Goatfish	>20	
10	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	>50	
11	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	<5	
12	PLOTOSIDAE	<i>Cnidoglanis macrocephalus</i>	Cobbler	1	Large
13	PLOTOSIDAE	<i>Plotosus lineatus</i>	Striped Catfish	1	Young Adult
14	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	>30	
15	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	>10	
16	SCYLIIORHINIDAE	<i>Aulohaelurus labiosus</i>	Black-spotted Catshark	2	
17	SERRANIDAE	<i>Hypoplectrodes nigrorubrum</i>	Black-banded Seaperch	1	
18	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	>20	
19	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	>10	
20	UROLOPHIDAE	<i>Trygonoptera personata</i>	Masked Stingaree	1	

Dolphins

Location Fish Rocks
 Date of Assessment 5-Jan-23
 Dive Time 89
 Maximum Depth 3.8
 Accessories Torch, Camera

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	>20	
2	ARACANIDAE	<i>Anoplocapros lenticularis</i>	White Barred Boxfish	2	
3	BLENNIIDAE	<i>Omobranchus germaini</i>	Germain's Blenny	<10	
4	BLENNIIDAE	<i>Parablennius postoculomaculatus</i>	False Tasmanian Blenny	<5	
5	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	<20	
6	CHEILODACTYLIDAE	<i>Dactylophora nigricans</i>	Dusky Morwong	1	Over 1M
7	CHEILODACTYLIDAE	<i>Goniistius gibbosus</i>	Crested Morwong	<5	
8	HAEMULIDAE	<i>Plectorhinchus flavomaculatus</i>	Gold-spotted Sweetlips	<10	
9	LABRIDAE	<i>Australabrus maculatus</i>	Black-spotted Wrasse	1	Juvenile
10	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	>50	
11	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	<10	
12	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	>50	
13	LATIDAE	<i>Psammoperca waigiensis</i>	Sand Bass	>5	Adult
14	MONODACTYLIDAE	<i>Shuettea woodwardi</i>	Woodward's Pomfret	>20	Juvenile
15	MULLIDAE	<i>Parupeneus spilurus</i>	Black-spot Goatfish	>20	Juvenile
16	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	>5	
17	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	>50	
18	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	>10	
19	PLATYCEPHALIDAE	<i>Platycephalus laevigatus</i>	Rock Flathead	1	Juvenile
20	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	>50	
21	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	>20	
22	SERRANIDAE	<i>Caesioscorpis theagenes</i>	Southern Fusilier	<20	Juvenile
23	SPARIDAE	<i>Rhabdosargus sarba</i>	Silver Bream	2	Young Adult
24	TERAPONIDAE	<i>Pelates octolineatus</i>	Striped Trumpeter	>50	
25	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	>20	
26	TRIPTERYGIIDAE	<i>Enneapterygius larsonae</i>	White-barred Threefin	>5	
27	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	>5	

Octopus 7

Location Fish Rocks
 Date of Assessment 1-Feb-22
 Dive Time 69
 Maximum Depth 3.8
 Accessories Torch, Camera

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus Rueppellii</i>	Gobbleguts	>20	
2	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	>20	
3	ARACANIDAE	<i>Anoplocapros lenticularis</i>	White Barred Boxfish	2	
4	ARRIPIDAE	<i>Arripis georgianus</i>	Australian Herring	<10	
5	BLENNIIDAE	<i>Omobranchus germaini</i>	Germain's Blenny	<10	
6	BLENNIIDAE	<i>Parablennius postoculomaculatu</i>	False Tasmanian Blenny	<5	
7	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	<10	
8	CHEILODACTYLIDAE	<i>Dactylophora nigricans</i>	Dusky Morwong	2	Large
9	HAEMULIDAE	<i>Plectorhinchus flavomaculatus</i>	Gold-spotted Sweetlips	1	
10	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	>50	
11	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	1	
12	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	>50	
13	LATIDAE	<i>Psammoperca waigiensis</i>	Sand Bass	3	Adult
14	MONODACTYLIDAE	<i>Shuettea woodwardi</i>	Woodward's Pomfret	>10	Juvenile
15	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	>5	
16	ORECTOLOBIDAE	<i>Orectolobus hutchinsi?</i>	Western Wobbegong	1	
17	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	>50	
18	PEMPHERIDAE	<i>Pempheris multiradiata</i>	Common Bullseye	1	Juvenile
19	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	>10	
20	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	>50	
21	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	>50	
22	SERRANIDAE	<i>Hypoplectrodes nigrorubrum</i>	Black-banded Seaperch	1	
23	TERAPONIDAE	<i>Pelates octolineatus</i>	Striped Trumpeter	>100	
24	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	>50	
25	TRIPTERYGIIDAE	<i>Enneapterygius larsonae</i>	White-barred Threefin	>5	
26	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	>10	
	Octopus			3	

Location Fish Rocks
 Date of Assessment 10-May-21
 Dive Time 89
 Maximum Depth 3.5
 Accessories Torch, Camera

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	>20	
2	ARACANIDAE	<i>Anoplocapros amygdaloides</i>	Western Smooth Boxfish	1	Juvenile
3	ARACANIDAE	<i>Anoplocapros lenticularis</i>	White Barred Boxfish	<10	
4	BLENNIIDAE	<i>Omobranchus germaini</i>	Germain's Blenny	<10	
5	BLENNIIDAE	<i>Parablennius postoculomacul</i>	False Tasmanian Blenny	<5	
6	CARANGIDAE	<i>Seriola hippos</i>	Samson Fish	1	> 1M long
7	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	<10	Juvenile
8	CHEILODACTYLIDAE	<i>Goniistius gibbosus</i>	Crested Morwong	<10	
9	CONGRIDAE	<i>Conger "wilsoni"?</i>	Eastern Conger Eel	1	
10	HAEMULIDAE	<i>Plectorhinchus flavomaculatu</i>	Gold-spotted Sweetlips	<20	
11	KYPHOSIDAE	<i>Scorpiis georgianus</i>	Banded Sweep	<10	Juvenile
12	KYPHOSIDAE	<i>Tilodon sexfasciatus</i>	Moonlighter	<5	Juvenile
13	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	<20	
14	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	1	
15	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	>50	
16	MONACANTHIDAE	<i>Acanthaluteres vittiger</i>	Toothbrush Leatherjacks	<5	Juvenile
17	MONACANTHIDAE	<i>Meuschenia hippocrepis</i>	Horseshoe Leatherjacks	1	Juvenile
18	MULLIDAE	<i>Parupeneus spilurus</i>	Black-spot Goatfish	<20	Juvenile
19	MULLIDAE	<i>Upeneichthys vlamingii</i>	Blue-spotted Goatfish	<5	Adult
20	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	>5	
21	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	<50	Juvenile
22	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	>10	
23	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	>50	
24	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	>50	
25	SCYLORHINIDAE	<i>Aulohalaelurus labiosus</i>	Black-spotted Catshark	2	
26	SPARIDAE	<i>Rhabdosargus sarba</i>	Silver Bream	>20	Adult
27	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	>50	
28	TRIPTERYGIIDAE	<i>Enneapterygius larsonae</i>	White-barred Threefin	>10	
	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	>20	
	Octopus			3	Large
	Cuttlefish			1	

Location Fish Rocks
 Date of Assessment 29-Dec-20
 Dive Time 76
 Maximum Depth 4.0
 Accessories Torch, Camera

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	>20	
2	ARACANIDAE	<i>Anoplocapros amygdaloides</i>	Western Smooth Boxfish	<5	
3	ARACANIDAE	<i>Anoplocapros lenticularis</i>	White Barred Boxfish	2	
4	ARRIPIDAE	<i>Arripis georgianus</i>	Australian Herring	<10	
5	BLENNIIDAE	<i>Omobranchus germaini</i>	Germain's Blenny	<5	
6	BLENNIIDAE	<i>Parablennius postoculomacul</i>	False Tasmanian Blenny	<5	
7	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	<10	Juvenile
8	CONGRIDAE	<i>Conger "wilsoni"?</i>	Eastern Conger Eel	1	Large
9	GOBIIDAE	<i>Eviota bimaculata</i>	Twospot Goby	1	
10	KYPHOSIDAE	<i>Scorpiis georgianus</i>	Banded Sweep	1	Juvenile
11	KYPHOSIDAE	<i>Tilodon sexfasciatus</i>	Moonlighter	<10	Juvenile
12	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	>50	
13	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	<20	
14	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	>50	
15	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	2	
16	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	<50	
17	PEMPHERIDAE	<i>Pempheris multiradiata</i>	Common Bullseye	<20	
18	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	>10	
19	PLOTOSIDAE	<i>Plotosus lineatus</i>	Striped Catfish	<5	Juvenile
20	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	>50	
21	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	>50	
22	SERRANIDAE	<i>Caesioscorpis theagenes</i>	Southern Fusilier	>50	
23	SIGANIDAE	<i>Siganus fuscescens</i>	Black Spinefoot	<10	
24	TERAPONIDAE	<i>Pelates octolineatus</i>	Striped Trumpeter	>50	
25	TERAPONIDAE	<i>Pelsartia humeralis</i>	Sea Trumpeter	1	
26	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	>50	
27	TRIPTERYGIIDAE	<i>Enneapterygius larsonae</i>	White-barred Threefin	>20	
28	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	<20	
29	UROLOPHIDAE	<i>Trygonoptera personata</i>	Masked Stingaree	2	
	Octopus			2	Medium
	Crayfish			1	
	Rock Crab			1	

Location Fish Rocks
 Date of Assessment 25-Oct-20
 Dive Time 72
 Maximum Depth 3.9
 Accessories Torch, Camera

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus Rueppellii</i>	Gobbleguts	<50	
2	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	<10	
3	ARACANIDAE	<i>Anoplocapros amygdaloides</i>	Western Smooth Boxfish	<5	
4	ARACANIDAE	<i>Anoplocapros lenticularis</i>	White Barred Boxfish	2	
5	ATHERINIDAE	<i>Atherinomorus vaigiensis?</i>	Ogilby's Hardiehead		Juveniles
6	BLENNIIDAE	<i>Parablennius postoculomacul</i>	False Tasmanian Blenny	>5	
7	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	1	Juvenile
8	CONGRIDAE	<i>Conger "wilsoni"?</i>	Eastern Conger Eel	3	
9	DASYATIDAE	<i>Bathytoshia brevicaudata</i>	Smooth Stingray	1	1M across
10	GOBIIDAE	<i>Eviota bimaculata</i>	Twospot Goby	1	
11	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	>50	
12	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	<20	
13	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	>50	
14	MONODACTYLIDAE	<i>Shuettea woodwardi</i>	Woodward's Pomfret	<20	Juvenile
15	MULLIDAE	<i>Upeneichthys vlamingii</i>	Blue-spotted Goatfish	1	
16	MURAENIDAE	<i>Gymnothorax woodwardi</i>	Woodward's Reef Eel	1	
17	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	2	
18	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	<50	
19	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	>10	
20	PLOTOSIDAE	<i>Cnidoglanis macrocephalus</i>	Cobbler	1	
21	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	>50	
22	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	>50	
23	SERRANIDAE	<i>Hypoplectrodes nigrorubrum</i>	Black-banded Seaperch	1	
24	SIGANIDAE	<i>Siganus fuscescens</i>	Black Spinefoot	<20	
25	SYNGNATHIDAE	<i>Stigmatophora argus</i>	Spotted Pipefish	1	
26	TERAPONIDAE	<i>Pelates octolineatus</i>	Striped Trumpeter	<20	
27	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	>100	
28	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	>20	
29	UROLOPHIDAE	<i>Trygonoptera personata</i>	Masked Stingaree	1	
	Squid (Southern Calimari)			2	Large

Location Fish Rocks
 Date of Assessment 3-May-20
 Dive Time 60
 Maximum Depth 4.4
 Accessories Torch, Camera

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	Numerous	
2	ARACANIDAE	<i>Anoplocapros lenticularis</i>	White Barred Boxfish	1	Juvenile
3	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	< 10	
4	CHEILODACTYLIDAE	<i>Cheilodactylus rubrolabiatus</i>	Red-lipped Morwong	1	
5	CHEILODACTYLIDAE	<i>Goniistius gibbosus</i>	Crested Morwong	< 10	
6	CONGRIDAE	<i>Conger "wilsoni"?</i>	Eastern Conger Eel	1	Adult
7	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	Many	
8	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	Several	
9	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	Many	Up to 35CM
10	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	< 10	
11	PEMPHERIDAE	<i>Parapriacanthus elongatus</i>	Slender Bullseye	> 10	
12	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	< 10	
13	PEMPHERIDAE	<i>Pempheris multiradiata</i>	Common Bullseye	< 20	Juvenile
14	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	< 10	
15	PLOTOSIDAE	<i>Cnidoglanis macrocephalus</i>	Cobbler	1	Adult
16	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	Many	
17	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	Many	
18	SIGANIDAE	<i>Siganus fuscescens</i>	Black Spinefoot	<12	
19	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	> 50	
20	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	Several	
21	UROLOPHIDAE	<i>Trygonoptera personata</i>	Masked Stingaree	1	
	Cuttlefish			2	
	Crayfish			1	

Location Fish Rocks
Date of Assessment 6-Dec-19
Dive Time 83
Maximum Depth 4.3
Accessories Torch, Camera

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	Numerous	
2	ARACANIDAE	<i>Anoplocapros amygdaloides</i>	Western Smooth Boxfish	2	
3	ARRIPIDAE	<i>Arripis georgianus</i>	Australian Herring	Numerous	
4	BLENNIIDAE	<i>Omobranchus germaini</i>	Germain's Blenny	1	
5	BLENNIIDAE	<i>Parablennius postoculomacul</i>	False Tasmanian Blenny	1	
6	CARANGIDAE	<i>Pseudocaranx georgianus</i>	Skipjack Trevally	2	
7	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	< 5	
8	CHEILODACTYLIDAE	<i>Cheilodactylus rubrolabiatu</i>	Red-lipped Morwong	1	
9	CHEILODACTYLIDAE	<i>Goniistius Gibbosus</i>	Crested Morwong	2	
10	HEMIRAMPHIDAE	<i>Hyporhamphus melanochir</i>	Southern Sea Garfish	1	
11	KYPHOSIDAE	<i>Microcanthus strigatus</i>	Stripey	1	
12	KYPHOSIDAE	<i>Neatypus obliquus</i>	Footballer Sweep	2	Juvenile
13	KYPHOSIDAE	<i>Tilodon sexfasciatus</i>	Moonlighter	1	Juvenile
14	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	Many	
15	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	Several	
16	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	Many	Up to 35CM
17	LATIDAE	<i>Psammoperca waigiensis</i>	Sand Bass	2	Up to 35CM
18	MONACANTHIDAE	<i>Meuschenia hippocrepis</i>	Horseshoe Leatherjacket	1	
19	MONOCENTRIDIDAE	<i>Cleidopus gloriamaris</i>	Knight Fish	1	
20	MULLIDAE	<i>Upeneichthys vlamingii</i>	Blue-spotted Goatfish	1	
21	ORECTOLOBIDAE	<i>Orectolobus hutchinsi?</i>	Western Wobbegong	1	Approx 60CM
22	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	> 20	
23	PEMPHERIDAE	<i>Pempheris multiradiata</i>	Common Bullseye	> 20	Juvenile
24	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	< 20	
25	PLOTOSIDAE	<i>Cnidoglanis macrocephalus</i>	Cobbler	1	
26	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	Many	
27	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	Many	
28	POMATOMIDAE	<i>Pomatomus saltatrix</i>	Tailor	Many	Up to 40CM
29	SCYLIORHINIDAE	<i>Aulohalaelurus labiosus?</i>	Black-spotted Catshark	1	
30	SERRANIDAE	<i>Caesiocorpiis theagenes</i>	Southern Fusilier	>50	Juvenile
31	SERRANIDAE	<i>Hypoplectrodes nigrorubrum</i>	Black-banded Seaperch	1	
32	SIGANIDAE	<i>Siganus fuscescens</i>	Black Spinefoot	<12	
33	TERAPONIDAE	<i>Pelates octolineatus</i>	Striped Trumpeter	Several	
34	TERAPONIDAE	<i>Pelsartia humeralis</i>	Sea Trumpeter	1	
35	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	> 20	
36	TRIPTERYGIIDAE	<i>Enneapterygius larsonae</i>	White-barred Threefin	Numerous	
37	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	Numerous	
38	UROLOPHIDAE	<i>Trygonoptera personata</i>	Masked Stingaree	2	
	Octopus			5	
	Crayfish			1	
	Red Crab			1	

Location Fish Rocks
 Date of Assessment 22-Apr-19
 Dive Time 37
 Maximum Depth 4.1
 Accessories Torch, Camera

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	Numerous	
2	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	< 5	
3	CHEILODACTYLIDAE	<i>Cheilodactylus rubrolabiatu</i> s	Red-lipped Morwong	1	
4	CHEILODACTYLIDAE	<i>Goniistius Gibbosus</i>	Crested Morwong	< 10	
5	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	Many	
6	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	Several	
7	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	Many	Up to 35CM
8	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	Several	
9	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	> 20	
10	PEMPHERIDAE	<i>Pempheris multiradiata</i>	Common Bullseye	1	
11	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	< 20	
12	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	Many	
13	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	Many	
14	SERRANIDAE	<i>Acanthistius pardalotus</i>	Leopard Wirrah (cod)	1	
15	TERAPONIDAE	<i>Pelates octolineatus</i>	Striped Trumpeter	Several	
16	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	> 20	
17	TRIPTERYGIIDAE	<i>Enneapterygius larsonae</i>	White-barred Threefin	Numerous	
18	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	Numerous	

Octopus 1
 Crayfish 1

Location Fish Rocks
 Date of Assessment 19-Jan-19
 Dive Time 89
 Maximum Depth 3.8
 Accessories Torch, Camera

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	Numerous	
2	ARACANIDAE	<i>Anoplocapros lenticularis</i>	White Barred Boxfish	2	
3	ARRIPIDAE	<i>Arripis georgianus</i>	Australian Herring	<10	
4	BLENNIIDAE	<i>Parablennius postoculomacul</i>	False Tasmanian Blenny	2	
5	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	> 10	
6	CHEILODOCTYLIDAE	<i>Goniistius Gibbosus</i>	Crested Morwong	< 5	
7	EXOCEOETIDAE	<i>Cheilopogon furcatus</i>	Spotfin Flyingfish	2	seen on approach to site
8	GOBIIDAE	<i>Favonigobius lateralis</i>	Long-finned Goby	1	2CM
9	KYPHOSIDAE	<i>Microcanthus strigatus</i>	Stripey	2	
10	KYPHOSIDAE	<i>Scorpius georgianus</i>	Banded Sweep	1	
11	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	Many	
12	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	Several	
13	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	Many	Up to 35CM
14	MONACANTHIDAE	<i>Chaetoderma penicilligera</i>	Prickly Leatherjacket	1	
15	MONOCENTRIDIDAE	<i>Cleidopus gloriamaris</i>	Knight Fish	1	
16	MULLIDAE	<i>Upeneichthys vlamingii</i>	Blue-spotted Goatfish	1	
17	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	> 50	
18	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	< 10	
19	POTOSIDAE	<i>Cnidoglanis macrocephalus?</i>	Cobbler	1	Only tail seen
20	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	Many	
21	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	Many	
22	SERRANIDAE	<i>Caesioscorpis theagenes</i>	Southern Fusilier	Many	Small
23	SERRANIDAE	<i>Hypoplectrodes nigrorubrum</i>	Black-banded Seaperch	2	
24	SIGANIDAE	<i>Siganus fuscescens</i>	Black Spinefoot	Several	
25	SILLAGINIDAE	<i>Sillaginodes punctatus</i>	King George Whiting	1	
26	SPARIDAE	<i>Rhabdosargus sarba</i>	Silver Bream	< 5	30CM
27	TERAPONIDAE	<i>Pelates octolineatus</i>	Striped Trumpeter	Several	
28	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	> 20	
29	TRACHICHTHYIDAE	<i>Trachichthys australis</i>	Southern Roughy	2	
30	TRIPTERYGIIDAE	<i>Enneapterygius larsonae</i>	White-barred Threefin	Numerous	
31	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	Numerous	
	Octopus			4	
	Crayfish			3	
	Bailer Shell			1	

Location Fish Rocks
 Date of Assessment 19-May-18
 Dive Time 59
 Maximum Depth 3.9
 Accessories Torch

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus Rueppellii</i>	Gobbleguts		
2	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	Numerous	
3	BLENNIIDAE	<i>Omobranchus germaini</i>	Germain's Blenny	Several	
4	CHAETODONTIDAE	<i>Heniochus acuminatus</i>	Longfin Bannerfish	1	Juvenile
5	CHEILODOCTYLIDAE	<i>Cheilodactylus rubrolabiatus</i>	Red-lip Morwong		
6	CHEILODOCTYLIDAE	<i>Dactylophora nigricans</i>	Dusky Morwong	1	Juvenile
7	CHEILODOCTYLIDAE	<i>Goniistius Gibbosus</i>	Crested Morwong	< 5	
8	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	Many	
9	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	Several	Juvenile
10	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	Many	Up to 35CM
11	MULLIDAE	<i>Parupeneus signatus</i>	Black-spot Goatfish	1	Juvenile
12	MULLIDAE	<i>Upeneichthys vlamingii</i>	Blue-spotted Goatfish	1	
13	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	> 10	
14	PEMPHERIDAE	<i>Pempheris multiradiata</i>	Common Bullseye	Many	Juvenile
15	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	< 10	
16	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	Many	
17	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	Many	
18	SCYLIIORHINIDAE	<i>Aulohalaelurus labiosus</i>	Black-spotted Catshark	1	
19	SERRANIDAE	<i>Hypoplectrodes nigrorubrum</i>	Black-banded Seaperch	1	
20	SIGANIDAE	<i>Siganus fuscescens</i>	Black Spinefoot	Several	
21	TERAPONIDAE	<i>Pelates octolineatus</i>	Striped Trumpeter	Numerous	
22	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	> 50	
23	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	< 20	
	Cuttlefish			3	
	Crayfish			2	

Location Fish Rocks
 Date of Assessment 26-Aug-17
 Dive Time 59
 Maximum Depth 4.0
 Accessories Shark Shield, Torch.

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	Numerous	
2	ARACANIIDAE	<i>Anoplocapros amygdaloides</i>	Western Smooth Boxfish	6	Juvenile
3	ARACANIIDAE	<i>Anoplocapros lenticularis</i>	White Barred Boxfish	2	Juvenile
4	CARANGIDAE	<i>Pseudocaranx dentex</i>	Skipjack Trevally	> 100	35 cm
5	CARANGIDAE	<i>Seriola hippos</i>	Samson Fish	6	100 cm
6	CHEILODOACTYLIDAE	<i>Goniistius Gibbosus</i>	Crested Morwong	< 5	Juvenile
7	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	Many	
8	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	Several	Juvenile
9	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	Many	
10	MULLIDAE	<i>Parupeneus signatus</i>	Black-spot Goatfish	1	Juvenile
11	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	> 10	
12	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	< 10	
13	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	Many	
14	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	Many	
15	SCORPIDIDAE	<i>Scorpiis aequipinnis</i>	Sea Sweep	1	Juvenile
16	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	> 50	
17	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	< 10	
18	UROLOPHIDAE	<i>Trygonoptera ovalis</i>	Striped Stingaree	2	
	<i>Octopus</i>			1	
	Red Rock Crab			2	

Location Fish Rocks
 Date of Assessment 22-Apr-17
 Dive Time 17
 Maximum Depth 3.2
 Accessories Shark Shield, Torch.

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	Numerous	
2	ARACANIIDAE	<i>Anoplocapros amygdaloides</i>	Western Smooth Boxfish	1	Juvenile
3	ARACANIIDAE	<i>Anoplocapros lenticularis</i>	White Barred Boxfish	1	Juvenile
4	CHEILODACTYLIDAE	<i>Cheilodactylus rubrolabiatus</i>	Red-lip Morwong	< 5	
5	CHEILODACTYLIDAE	<i>Goniistius gibbosus</i>	Crested Morwong	< 10	Juvenile
6	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	Many	
7	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	Several	Juvenile
8	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	Many	
9	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	< 10	
10	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	< 5	
11	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	Many	
12	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	Many	
13	SCORPIDIDAE	<i>Tilodon sexfasciatus</i>	Moonlighter	< 5	Juvenile
14	SIGANIDAE	<i>Siganus fuscescens</i>	Black Spinefoot	> 20	
15	SPARIDAE	<i>Rhabdosargus sarba</i>	Silver Bream	< 20	
16	TERAPONIDAE	<i>Pelates sexlineatus</i>	Striped Trumpeter	> 100	
17	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	> 50	
18	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	< 10	

Octopus

2

Location Fish Rocks
 Date of Assessment 2-Feb-17
 Dive Time 72
 Maximum Depth 4.1
 Accessories Shark Shield, Torch.

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus Rueppellii</i>	Gobbleguts	Many	Juvenile
2	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	Numerous	
3	ARACANIIDAE	<i>Anoplocapros amygdaloides</i>	Western Smooth Boxfish	1	Juvenile
4	ARRIPIDAE	<i>Arripis georgianus</i>	Australian Herring	Several	
5	BLENNIIDAE	<i>Omobranchus germaini</i>	Germain's Blenny	2	
6	BLENNIIDAE	<i>Parablennius postoculomacul</i>	False Tasmanian Blenny	2	
7	CENTROPOMIDAE	<i>Psammoperca waigiensis</i>	Sand Bass	< 20	
8	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	Several	Juvenile
9	CHEILODACTYLIDAE	<i>Cheilodactylus rubrolabiatus</i>	Red-lip Morwong	< 20	
10	CHEILODACTYLIDAE	<i>Goniistius Gibbosus</i>	Crested Morwong	< 10	Juvenile
11	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	Many	
12	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	Many	
13	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	Many	
14	MONACANTHIDAE	<i>Chaetoderma penicilligera</i>	Prickly Leatherjacket	2	
15	MONODACTYLIDAE	<i>Shuettea woodwardi</i>	Woodward's Pomfret	Numerous	Juvenile
16	MYLIOBATIDAE	<i>Myliobatis tenuicaudatus</i>	Eagle Ray	1	Large
17	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	< 20	
18	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	Numerous	
19	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	< 20	
20	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	Many	
21	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	Many	
22	SCORPIDIDAE	<i>Microcanthus strigatus</i>	Stripey	< 10	
23	SCORPIDIDAE	<i>Scorpis georgianus</i>	Banded Sweep	2	Juvenile
24	SCORPIDIDAE	<i>Tilodon sexfasciatus</i>	Moonlighter	< 10	Juvenile
25	SERRANIDAE	<i>Caesiocorpiis theagenes</i>	Southern Fusilier	Numerous	Juvenile
26	SERRANIDAE	<i>Hypoplectrodes nigrorubrum</i>	Black-banded Seaperch	1	
27	SIGANIDAE	<i>Siganus fuscescens</i>	Black Spinefoot	> 20	
28	SPARIDAE	<i>Rhabdosargus sarba</i>	Silver Bream	< 10	
29	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	> 100	
30	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	Numerous	
31	UROLOPHIDAE	<i>Trygonoptera ovalis</i>	Striped Stingaree	1	
32	UROLOPHIDAE	<i>Trygonoptera personata</i>	Masked Stingaree	1	
	Octopus			2	
	Crayfish			1	

Location	Fish Rocks
Date of Assessment	23-Apr-16
Dive Time	78
Maximum Depth	4.2
Accessories	Shark Shield, Torch.

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	> 50	
2	ARACANIIDAE	<i>Anoplocapros amygdaloides</i>	Western Smooth Boxfish	< 10	
3	ARACANIIDAE	<i>Anoplocapros lenticularis</i>	White Barred Boxfish	1	
4	BLENNIIDAE	<i>Omobranchus germaini</i>	Germain's Blenny	> 10	
5	CARANGIDAE	<i>Pseudocaranx dentex</i>	Skipjack Trevally	< 50	
6	CARANGIDAE	<i>Seriola hippos</i>	Samson Fish	1	130 CM
7	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	< 10	
8	CHEILODACTYLIDAE	<i>Cheilodactylus rubrolabiatus</i>	Red-lip Morwong	< 5	
9	CHEILODACTYLIDAE	<i>Goniistius Gibbosus</i>	Crested Morwong	< 50	
10	CLUPEIDAE	<i>Spratelloides robustus</i>	Blue Sprat	> 100	
11	KYPHOSIDAE	<i>Kyphosus sydneyannus</i>	Common Buffalo Bream	< 20	
12	LABRIDAE	<i>Australabrus maculatus</i>	Black-spotted Wrasse	1	
13	LABRIDAE	<i>Choerodon rubescens</i>	Baldchin Groper	2	Juvenile
14	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	> 50	
15	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	< 20	Juvenile
16	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	> 50	
17	LABRIDAE	<i>Thalassoma septemfasciatus</i>	Seven-banded Wrasse	1	
18	MONACANTHIDAE	<i>Eubalichthys mosaicus</i>	Mosaic Leatherjacket	1	20 CM
19	MONODACTYLIDAE	<i>Shuettea woodwardi</i>	Woodward's Pomfret	< 5	Juvenile
20	MULLIDAE	<i>Parupeneus signatus</i>	Black-spot Goatfish	< 5	
21	MULLIDAE	<i>Upeneichthys lineatus</i>	Blue-spotted Goatfish	2	
22	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	> 10	
23	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	> 50	
24	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	> 50	
25	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	< 20	
26	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	> 50	
27	SCORPIDIDAE	<i>Tilodon sexfasciatus</i>	Moonlighter	< 5	
28	SERRANIDAE	<i>Caesioscorpis theagenes</i>	Southern Fusilier	< 10	Juvenile
29	SIGANIDAE	<i>Siganus fuscescens</i>	Black Spinefoot	> 50	
30	SPARIDAE	<i>Rhabdosargus sarba</i>	Silver Bream	> 20	
31	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	> 100	
32	UROLOPHIDAE	<i>Trygonoptera ovalis</i>	Striped Stingaree	2	

OTHER OBSERVATIONS

<i>Crayfish</i>	1
<i>Octopus</i>	4
<i>Cuttlefish</i>	2

Location	Fish Rocks
Date of Assessment	23-Dec-15
Dive Time	78
Maximum Depth	4.0
Accessories	Shark Shield, Torch.

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	> 50	
2	ARACANIIDAE	<i>Anoplocapros lenticularis</i>	White Barred Boxfish	1	Juvenile
3	ARRIPIDAE	<i>Arripis georgianus</i>	Australian Herring	1	
4	BLENNIIDAE	<i>Omobranchus germaini</i>	Germain's Blenny	< 10	
5	CARANGIDAE	<i>Seriola hippos</i>	Samson Fish	2	60 CM
6	CENTROPOMIDAE	<i>Psammoperca waigiensis</i>	Sand Bass	> 20	Up to 40 CM
7	CHAETODONTIDAE	<i>Chaetodon assarius</i>	Western Butterflyfish	< 10	
8	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	< 10	
9	CHEILODACTYLIDAE	<i>Cheilodactylus rubrolabiatus</i>	Red-lip Morwong	< 5	
10	CHEILODACTYLIDAE	<i>Goniistius gibbosus</i>	Crested Morwong	< 20	
11	DIODONTIDAE	<i>Diodon nictemerus</i>	Globefish	1	
12	KYPHOSIDAE	<i>Kyphosus sydneyannus</i>	Common Buffalo Bream	< 20	
13	LABRIDAE	<i>Australabrus maculatus</i>	Black-spotted Wrasse	< 5	
14	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	> 50	
15	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	< 5	
16	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	> 20	
17	LABRIDAE	<i>Thalassoma septemfasciatus</i>	Seven-banded Wrasse	1	
18	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	> 10	
19	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	> 50	
20	PEMPHERIDAE	<i>Pempheris multiradiata</i>	Common Bullseye	< 10	
21	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	> 50	
22	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	< 20	
23	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	> 50	
24	POMACENTRIDAE	<i>Parma sp</i>		1	7 CM
25	SCORPIDIDAE	<i>Microcanthus strigatus</i>	Stripey	< 10	
26	SCORPIDIDAE	<i>Neatypus obliquus</i>	Footballer Sweep	< 10	
27	SCORPIDIDAE	<i>Scorpius georgianus</i>	Banded Sweep	< 10	
28	SCORPIDIDAE	<i>Tilodon sexfasciatus</i>	Moonlighter	< 20	
29	SIGANIDAE	<i>Siganus fuscescens</i>	Black Spinefoot	< 10	
30	SPARIDAE	<i>Rhabdosargus sarba</i>	Silver Bream	1	
31	TERAPONIDAE	<i>Pelates sexlineatus</i>	Striped Trumpeter	> 20	
32	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	> 100	
33	TRIPTERYGIIDAE	<i>Enneapterygius larsonae</i>	White-barred Threefin	1	
34	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	> 20	

OTHER OBSERVATIONS

Crayfish	1
Octopus	4

Location	Fish Rocks
Date of Assessment	1-Jul-15
Dive Time	62
Maximum Depth	3.7
Accessories	Shark Shield

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	> 50	
2	ARACANIIDAE	<i>Anoplocapros amygdaloides</i>	Western Smooth Boxfish	2	
3	BLENNIIDAE	<i>Omobranchus germaini</i>	Germain's Blenny	1	
4	CARANGIDAE	<i>Pseudocaranx dentex</i>	Skipjack Trevally	1	
5	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	1	
6	CHEILODACTYLIDAE	<i>Goniistius Gibbosus</i>	Crested Morwong	> 20	
7	HAEMULIDAE	<i>Plectorhinchus flavomaculatu</i>	Gold-spotted Sweetlips	2	
8	KYPHOSIDAE	<i>Kyphosus sydneyannus</i>	Common Buffalo Bream	1	
9	LABRIDAE	<i>Australabrus maculatus</i>	Black-spotted Wrasse	2	
10	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	> 50	
11	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	< 20	
12	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	> 50	Up to 40 CM
13	MULLIDAE	<i>Parupeneus signatus</i>	Black-spot Goatfish	1	
14	MULLIDAE	<i>Upeneichthys lineatus</i>	Blue-spotted Goatfish	1	
15	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	< 10	
16	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	> 50	
17	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	> 20	
18	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	> 20	
19	SCORPIDIDAE	<i>Scorpius georgianus</i>	Banded Sweep	> 10	
20	SCORPIDIDAE	<i>Tilodon sexfasciatus</i>	Moonlighter	< 10	Up to 40 CM
21	SIGANIDAE	<i>Siganus fuscescens</i>	Black Spinefoot	> 100	
22	SPARIDAE	<i>Rhabdosargus sarba</i>	Silver Bream	> 100	Up to 35 CM
23	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	> 50	
24	TRIPTERYGIIDAE	<i>Enneapterygius larsonae</i>	White-barred Threefin	< 10	
25	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	< 20	

OTHER OBSERVATIONS

Crayfish

2

Location Fish Rocks
 Date of Assessment 5-Jan-15
 Dive Time 62
 Maximum Depth 3.9
 Accessories Torch

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Apogon victoriae</i>	Red-striped Cardinalfish	>20	
2	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Gobbleguts	< 50	Juvenile
3	ARACANIIDAE	<i>Anoplocapros amygdaloides</i>	Western Smooth Boxfish	< 5	
4	ARACANIIDAE	<i>Aracana aurita</i>	Shaw's Boxfish	1	
5	ARRIPIDAE	<i>Arripis georgianus</i>	Australian Herring	1	
6	BLENNIIDAE	<i>Omobranchus germaini</i>	Germain's Blenny	< 5	
7	CARANGIDAE	<i>Pseudocaranx dentex</i>	Skipjack Trevally	< 10	
8	CENTROPOMIDAE	<i>Psammoperca waigiensis</i>	Sand Bass	< 20	up to 40 CM
9	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	< 20	
10	CHEILODACTYLIDAE	<i>Cheilodactylus rubrolabiatus</i>	Red-lip Morwong	< 20	
11	CHEILODACTYLIDAE	<i>Dactylophora nigricans</i>	Dusky Morwong	1	approx 1 M
12	CHEILODACTYLIDAE	<i>Goniistius gibbosus</i>	Crested Morwong	> 20	
13	CLUPEIDAE	<i>Spratelloides robustus</i>	Blue Sprat	< 20	
14	LABRIDAE	<i>Australabrus maculatus</i>	Black-spotted Wrasse	< 5	
15	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	> 50	
16	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	< 10	
17	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	> 50	
18	MONODACTYLIDAE	<i>Shuettea woodwardi</i>	Woodward's Pomfret	< 50	Juvenile
19	MULLIDAE	<i>Parupeneus signatus</i>	Black-spot Goatfish	> 50	
20	MULLIDAE	<i>Upeneichthys lineatus</i>	Blue-spotted Goatfish	1	
21	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	> 20	
22	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	< 20	
23	PEMPHERIDAE	<i>Pempheris multiradiata</i>	Common Bullseye	> 50	Juvenile
24	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	> 20	
25	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	> 20	
26	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	> 20	
27	SCORPIDIDAE	<i>Microcanthus strigatus</i>	Stripey	< 10	
28	SCORPIDIDAE	<i>Neatypus obliquus</i>	Footballer Sweep	< 10	
29	SCORPIDIDAE	<i>Scorpis georgianus</i>	Banded Sweep	< 10	
30	SERRANIDAE	<i>Caesioscorpis theagenes</i>	Southern Fusilier	< 50	Juvenile
31	SERRANIDAE	<i>Epinephelides rivulatus</i>	Chinaman Rock Cod	2	25 CM
32	SIGANIDAE	<i>Siganus fuscescens</i>	Black Spinefoot	> 100	
33	SPARIDAE	<i>Rhabdosargus sarba</i>	Silver Bream	< 20	
34	TERAPONIDAE	<i>Pelates sexlineatus</i>	Striped Trumpeter	> 20	
35	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	> 50	
36	TRIPTERYGIIDAE	<i>Enneapterygius larsonae</i>	White-barred Threefin	< 10	
37	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	< 10	
38	UROLOPHIDAE	<i>Trygonoptera ovalis</i>	Striped Stingaree	2	

OTHER OBSERVATIONS

Crayfish 3
 Octopus 4

Location Fish Rocks
 Date of Assessment 6-Jan-14
 Dive Time 70 & 30
 Maximum Depth 4
 Accessories

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus Rueppellii</i>	Gobbleguts	< 50	Juvenile
2	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	>20	
3	ARACANIIDAE	<i>Anoplocapros amygdaloides</i>	Western Smooth Boxfish	< 5	
4	ARACANIIDAE	<i>Anoplocapros lenticularis</i>	White Barred Boxfish	< 10	
5	BLENNIIDAE	<i>Omobranchus germaini</i>	Germain's Blenny	1	
6	CENTROPOMIDAE	<i>Psammaperca waigiensis</i>	Sand Bass	< 10	40 CM
7	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	< 20	
8	CHEILODACTYLIDAE	<i>Cheilodactylus rubrolabiatus</i>	Red-lip Morwong	< 10	
9	CHEILODACTYLIDAE	<i>Goniistius Gibbosus</i>	Crested Morwong	> 20	
10	KYPHOSIDAE	<i>Kyphosus sydneyannus</i>	Common Buffalo Bream	< 10	
11	LABRIDAE	<i>Australabrus maculatus</i>	Black-spotted Wrasse	< 10	
12	LABRIDAE	<i>Choerodon rubescens</i>	Baldchin Groper	3	Juvenile
13	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	> 50	
14	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	< 10	
15	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	> 50	
16	MONACANTHIDAE	<i>Chaetoderma penicilligera</i>	Prickly Leatherjacket	1	
17	MULLIDAE	<i>Parupeneus signatus</i>	Black-spot Goatfish	> 50	Juvenile
18	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	> 20	
19	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	< 50	
20	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	> 20	
21	PLOTOSIDAE	<i>Cnidoglanis macrocephalus</i>	Cobbler	1	
22	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	> 20	
23	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	> 20	
24	POMATOMIDAE	<i>Pomatomus saltatrix</i>	Tailor	> 50	40 CM
25	SCORPIDIDAE	<i>Neatypus obliquus</i>	Footballer Sweep	< 5	
26	SCORPIDIDAE	<i>Scorpis georgianus</i>	Banded Sweep	< 5	
27	SIGANIDAE	<i>Siganus fuscescens</i>	Black Spinefoot	> 100	
28	SILLAGINIDAE	<i>Sillago schomburgkii</i>	Yellowfin Whiting	2	
29	TERAPONIDAE	<i>Pelates sexlineatus</i>	Striped Trumpeter	> 20	
30	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	> 50	
31	TRIPTERYGIIDAE	<i>Vauclusella species</i>	White-barred Threefin	3	
32	UROLOPHIDAE	<i>Trygonoptera ovalis</i>	Striped Stingaree	2	

OTHER OBSERVATIONS

Crayfish 2
 Octopus 6
 Sea Lion 1

Location Fish Rocks
 Date of Assessment 22-Aug-13
 Dive Time 52
 Maximum Depth 3.2
 Accessories

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	> 50	
2	ARACANIIDAE	<i>Anoplocapros amygdaloides</i>	Western Smooth Boxfish	2	
3	CARANGIDAE	<i>Pseudocaranx dentex</i>	Skipjack Trevally	>20	
4	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	< 20	Juvenile
5	CHEILODOCTYLIDAE	<i>Goniistius Gibbosus</i>	Crested Morwong	< 20	
6	DIODONTIDAE	<i>Diodon nichthemerus</i>	Globefish	2	
7	LABRIDAE	<i>Australabrus maculatus</i>	Black-spotted Wrasse	3	Juvenile
8	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	> 50	
9	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	> 50	
10	MULLIDAE	<i>Parupeneus signatus</i>	Black-spot Goatfish	> 50	
11	MYLIOBATIDAE	<i>Myliobatis tenuicaudatus</i>	Eagle Ray	1	Large
12	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	< 20	
13	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	> 20	
14	PLOTOSIDAE	<i>Cnidoglanis macrocephalus</i>	Cobbler	1	
15	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	> 50	
16	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	> 20	
17	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	> 100	
18	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	< 20	

OTHER OBSERVATIONS

Crayfish 1
Cuttlefish 1

Location	Fish Rocks
Date of Assessment	30-Mar-13
Dive Time	80
Maximum Depth	4.3
Accessories	

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	> 50	
2	ARACANIIDAE	<i>Anoplocapros amygdaloides</i>	Western Smooth Boxfish	5	
3	ARACANIIDAE	<i>Anoplocapros lenticularis</i>	White Barred Boxfish	3	
4	ARRIPIDAE	<i>Arripis georgianus</i>	Australian Herring	< 20	
5	BLENNIIDAE	<i>Omobranchus germaini</i>	Germain's Blenny	2	
6	CARANGIDAE	<i>Pseudocaranx dentex</i>	Skipjack Trevally	1	
7	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	< 20	Juvenile
8	CHEILODACTYLIDAE	<i>Cheilodactylus rubrolabiatus</i>	Red-lip Morwong	< 20	
9	CHEILODACTYLIDAE	<i>Goniistius Gibbosus</i>	Crested Morwong	> 20	
10	ECHENEIDAE	<i>Echeneis naucrates</i>	Slender Suckerfish	2	On Eagle Ray
11	HAEMULIDAE	<i>Plectorhinchus flavomaculatu</i>	Gold-spotted Sweetlips	2	
12	KYPHOSIDAE	<i>Kyphosus sydneyannus</i>	Common Buffalo Bream	< 20	
13	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	> 50	
14	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	1	
15	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	> 20	
16	LABRIDAE	<i>Thalassoma septemfasciatus</i>	Seven-banded Wrasse	2	
17	MULLIDAE	<i>Parupeneus signatus</i>	Black-spot Goatfish	< 50	
18	MYLIOBATIDAE	<i>Myliobatis tenuicaudatus</i>	Eagle Ray	1	
19	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	< 50	
20	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	< 20	
21	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	> 20	
22	POMACENTRIDAE	<i>Abudefduf bengalensis</i>	Narrow-banded Sergeant Maj	1	approx 20 CM
23	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	> 20	
24	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	< 20	
25	POMATOMIDAE	<i>Pomatomus saltatrix</i>	Tailor	> 50	approx 35 CM
26	SCORPAENIDAE	<i>Pterois volitans</i>	Red Firefish	1	approx 25 CM
27	SCORPIDIDAE	<i>Scorpiis georgianus</i>	Banded Sweep	< 10	Juvenile
28	SCORPIDIDAE	<i>Tilodon sexfasciatus</i>	Moonlighter	< 20	Juvenile
29	SIGANIDAE	<i>Siganus fuscescens</i>	Black Spinefoot	< 50	
30	SPARIDAE	<i>Rhabdosargus sarba</i>	Silver Bream	< 20	
31	TERAPONIDAE	<i>Pelates sexlineatus</i>	Striped Trumpeter	> 100	
32	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	> 100	
33	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	< 20	
34	UROLOPHIDAE	<i>Trygonoptera ovalis</i>	Striped Stingaree	1	
35	UROLOPHIDAE	<i>Trygonoptera personata</i>	Masked Stingaree	1	

OTHER OBSERVATIONS

Crayfish	< 5
Octopus	8
Cuttlefish	2

Location Fish Rocks
 Date of Assessment 26-Jan-13
 Dive Time 74
 Maximum Depth 3.8
 Accessories Torch

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus Rueppellii</i>	Gobbleguts		
2	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	> 50	
3	ARACANIIDAE	<i>Anoplocapros amygdaloides</i>	Western Smooth Boxfish	< 20	
4	ARRIPIDAE	<i>Arripis georgianus</i>	Australian Herring	< 5	
5	BLENNIIDAE	<i>Omobranchus germaini</i>	Germain's Blenny	1	
6	CARANGIDAE	<i>Pseudocaranx dentex</i>	Skipjack Trevally	< 50	Approx 30 CM
7	CARANGIDAE	<i>Trachurus novaezelandiae</i>	Yellowtail Scad	1	20 CM
8	CENTROPOMIDAE	<i>Psammoperca waigiensis</i>	Sand Bass	< 10	up to 35 CM
9	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	< 20	
10	CHEILODOCTYLIDAE	<i>Cheilodactylus rubrolabiatus</i>	Red-lip Morwong	1	
11	CHEILODOCTYLIDAE	<i>Goniistius gibbosus</i>	Crested Morwong	< 10	
12	DIODONTIDAE	<i>Diodon nichthemerus</i>	Globefish	1	
13	HAEMULIDAE	<i>Plectorhinchus flavomaculatus</i>	Gold-spotted Sweetlips	< 20	up to 30 CM
14	HEMIRAMPHIDAE	<i>Hyporhamphus melanochi</i>	Southern Sea Garfish	< 20	Juvenile
15	KYPHOSIDAE	<i>Kyphosus sydneyannus</i>	Common Buffalo Bream	< 20	up to 25 CM
16	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	> 100	
17	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	1	
18	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	> 50	
19	MONACANTHIDAE	<i>Chaetoderma penicilligera</i>	Prickly Leatherjacket	1	abt 25 CM
20	MULLIDAE	<i>Parupeneus signatus</i>	Black-spot Goatfish	> 20	
21	MYLIOBATIDAE	<i>Myliobatis tenuicaudatus</i>	Eagle Ray	1	Large
22	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	< 10	
23	NOTOCHERIDAE	<i>Iso rothophilus</i>	Flower of the Wave	> 20	
24	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	> 50	
25	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	> 20	
26	POMACENTRIDAE	<i>Abudefduf bengalensis</i>	Narrow-banded Sergeant Ma	1	abt 12 CM
27	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	> 20	
28	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	> 20	
29	POMATOMIDAE	<i>Pomatomus saltatrix</i>	Tailor	< 50	up to 40 CM
30	SCORPIDIDAE	<i>Scorpiis georgianus</i>	Banded Sweep	< 10	Juvenile
31	SCORPIDIDAE	<i>Tilodon sexfasciatus</i>	Moonlighter	1	abt 35 CM
32	SERRANIDAE	<i>Epinephelides rivulatus</i>	Chinaman Rock Cod	1	abt 28 CM
33	SIGANIDAE	<i>Siganus fuscescens</i>	Black Spinefoot	> 20	
34	SPARIDAE	<i>Rhabdosargus sarba</i>	Silver Bream	> 20	up to 35 CM
35	TERAPONIDAE	<i>Pelates sexlineatus</i>	Striped Trumpeter	< 50	
36	TETRAODONTIDAE	<i>Torquigener pleurogrammus</i>	Banded Blowfish	> 100	
37	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	< 10	
38	TRIPTERYGIIDAE	<i>Vauclusella species</i>	White-barred Threefin	< 10	
39	UROLOPHIDAE	<i>Trygonoptera ovalis</i>	Striped Stingaree	2	

OTHER OBSERVATIONS

Crayfish < 10
Octopus < 10

Location Fish Rocks
 Date of Assessment 9-Jun-12
 Dive Time 50
 Maximum Depth 4.7
 Accessories Torch

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	< 50	
2	ARACANIIDAE	<i>Anoplocapros lenticularis</i>	White Barred Boxfish	1	Juvenile
3	BLENNIIDAE	<i>Parablennius postoculomacul</i>	False Tasmanian Blenny	1	
4	CARANGIDAE	<i>Pseudocaranx dentex</i>	Skipjack Trevally	> 50	Approx 35 CM
5	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	< 5	
6	CHEILODACTYLIDA	<i>Goniistius Gibbosus</i>	Crested Morwong	> 10	
7	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	> 50	
8	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	< 10	Juvenile
9	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	> 20	
10	MULLIDAE	<i>Parupeneus signatus</i>	Black-spot Goatfish	> 20	Juvenile
11	MULLIDAE	<i>Upeneichthys lineatus</i>	Blue-spotted Goatfish	< 10	
12	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	> 50	
13	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	> 20	
14	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	> 20	
15	PLOTOSIDAE	<i>Cnidoglanis macrocephalus</i>	Cobbler	4	Approx 60 CM
16	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	> 20	
17	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	< 10	
18	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	> 100	
19	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	< 20	

OTHER OBSERVATIONS

<i>Cuttlefish</i>	3
<i>Octopus</i>	1
<i>Dolphin</i>	3

Location Fish Rocks
 Date of Assessment 31-Mar-12
 Dive Time 69
 Maximum Depth 3.3
 Accessories Torch

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	> 50	
2	ARACANIIDAE	<i>Anoplocapros amygdaloides</i>	Western Smooth Boxfish	3	
3	CHEILODACTYLIDAE	<i>Goniistius Gibbosus</i>	Crested Morwong	< 5	
4	HAEMULIDAE	<i>Plectorhinchus flavomaculatus</i>	Gold-spotted Sweetlips	2	Approx 20 CM
5	KYPHOSIDAE	<i>Kyphosus sydneyannus</i>	Common Buffalo Bream	< 20	
6	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	> 50	
7	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	1	Juvenile
8	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	> 50	
9	MONACANTHIDAE	<i>Eubalichthys mosaicus</i>	Mosaic Leatherjacket	1	Juvenile
10	MONACANTHIDAE	<i>Scobinichthys granulatus</i>	Rough Leatherjacket	1	Juvenile
11	MULLIDAE	<i>Parupeneus signatus</i>	Black-spot Goatfish	> 50	Approx 20 CM
12	MULLIDAE	<i>Upeneichthys lineatus</i>	Blue-spotted Goatfish	1	Juvenile
13	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	> 20	
14	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	> 20	
15	PLOTOSIDAE	<i>Plotosus lineatus</i>	Striped Catfish	< 50	Juvenile
16	POMACENTRIDAE	<i>Abudefduf bengalensis</i>	Narrow-banded Sergeant Ma	1	10 CM
17	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	> 20	
18	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	> 20	
19	SCORPIDIDAE	<i>Microcanthus strigatus</i>	Stripey	< 10	Approx 10 CM
20	SCORPIDIDAE	<i>Scorpius georgianus</i>	Banded Sweep	< 5	Approx 20 CM
21	SERRANIDAE	<i>Epinephelides rivulatus</i>	Chinaman Rock Cod	1	Approx 20 CM
22	SIGANIDAE	<i>Siganus fuscescens</i>	Black Spinefoot	> 20	Approx 20 CM
23	SPARIDAE	<i>Rhabdosargus sarba</i>	Silver Bream	< 20	30 CM
24	TERAPONIDAE	<i>Pelates sexlineatus</i>	Striped Trumpeter	< 100	Approx 25 CM
25	TERAPONIDAE	<i>Pelsartia humeralis</i>	Sea Trumpeter	< 10	Approx 25 CM
26	TETRAODONTIDAE	<i>Torquigener pleurogrammus</i>	Banded Blowfish	> 100	Approx 20 CM
27	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	< 10	2 CM
28	UROLOPHIDAE	<i>Trygonoptera ovalis</i>	Striped Stingaree	1	

OTHER OBSERVATIONS

Octopus

2

Location Fish Rocks
 Date of Assessment 28-Dec-11
 Dive Time 69 & 75
 Maximum Depth 3.9 & 3.1
 Accessories Torch

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	> 100	
2	ARACANIIDAE	<i>Anoplocapros amygdaloid</i>	Western Smooth Boxfish	4	
3	ARACANIIDAE	<i>Anoplocapros lenticularis</i>	White Barred Boxfish	2	
4	BLENNIIDAE	<i>Omobranchus germaini</i>	Germain's Blenny	4	
5	CARANGIDAE	<i>Pseudocaranx dentex</i>	Skipjack Trevally	1	Approx 35 CM
6	CENTROPOMIDAE	<i>Psammoperca waigiensis</i>	Sand Bass	< 10	Approx 45 CM
7	CHAETODONTIDAE	<i>Chaetodon assarius</i>	Western Buterflyfish	1	Juvenile
8	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	< 20	
9	CHEILODACTYLIDA	<i>Dactylophora nigricans</i>	Dusky Morwong	2	1.2 M
10	CHEILODACTYLIDA	<i>Goniistius Gibbosus</i>	Crested Morwong	< 5	
11	KYPHOSIDAE	<i>Kyphosus sydneyannus</i>	Common Buffalo Bream	< 20	
12	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	> 50	
13	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	< 10	
14	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	> 50	
15	MONACANTHIDAE	<i>Chaetoderma penicilligera</i>	Prickly Leatherjacket	< 20	
16	MONACANTHIDAE	<i>Scobinichthys granulatus</i>	Rough Leatherjacket	1	Adult
17	MULLIDAE	<i>Parupeneus signatus</i>	Black-spot Goatfish	> 50	Juvenile
18	MULLIDAE	<i>Upeneichthys lineatus</i>	Blue-spotted Goatfish	< 5	
19	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	< 10	
20	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	> 20	
21	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	> 20	
22	PLOTOSIDAE	<i>Cnidoglanis macrocephalu</i>	Cobbler	2	Approx 50 CM
23	PLOTOSIDAE	<i>Plotosus lineatus</i>	Striped Catfish	< 20	Juvenile
24	POMACENTRIDAE	<i>Abudefduf bengalensis</i>	Narrow-banded Sergeant Ma	1	10 CM
25	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	> 20	
26	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	< 20	
27	POMACENTRIDAE	<i>Parma Victoriae</i>	Victorian Scalyfin	1	Juvenile
28	POMATOMIDAE	<i>Pomatomus saltatrix</i>	Tailor	> 100	Approx 35 CM
29	SCORPAENIDAE	<i>Pterois volitans</i>	Red Firefish	1	Juvenile
30	SCORPIDIDAE	<i>Microcanthus strigatus</i>	Stripey	< 20	
31	SCYLIORHINIDAE	<i>Aulohalaelurus labiosus</i>	Black-spotted Catshark	1	Approx 50 CM
32	SERRANIDAE	<i>Hypoplectrodes nigrorubru</i>	Black-banded Seaperch	1	Juvenile
33	SIGANIDAE	<i>Siganus fuscescens</i>	Black Spinefoot	1	Approx 20 CM
34	TERAPONIDAE	<i>Pelates sexlineatus</i>	Striped Trumpeter	< 100	
35	TETRAODONTIDAE	<i>Torquigener pleurogramm</i>	Banded Blowfish	> 100	
36	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	> 20	
37	TRIPTERYGIIDAE	<i>Vauclusella species</i>	White-barred Threefin	< 20	
38	UROLOPHIDAE	<i>Trygonoptera ovalis</i>	Striped Stingaree	1	
39	UROLOPHIDAE	<i>Trygonoptera personata</i>	Masked Stingaree	1	

OTHER OBSERVATIONS

Octopus	12
Bailer Shell	1 Large

Location Fish Rocks
 Date of Assessment 11-Jun-11
 Dive Time 62
 Maximum Depth 4.4
 Accessories Torch

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus aureus?</i>	Ring-tailed Cardinalfish	1	2.5 CM
2	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	< 50	
3	ARACANIIDAE	<i>Anoplocapros amygdaloides</i>	Western Smooth Boxfish	< 5	
4	CHAETODONTIDAE	<i>Chaetodon assarius</i>	Western Butterflyfish	2	Juvenile
5	CHAETODONTIDAE	<i>Chaetodon auriga</i>	Threadfin Butterflyfish	1	Juvenile
6	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	< 10	
7	CHEILODACTYLIDAE	<i>Goniistius Gibbosus</i>	Crested Morwong	> 10	
8	HEMIRAMPHIDAE	<i>Hyporhamphus melanochi</i>	Southern Sea Garfish	< 50	
9	KYPHOSIDAE	<i>Kyphosus sydneyannus</i>	Common Buffalo Bream	< 10	
10	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	> 20	
11	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	> 20	
12	MULLIDAE	<i>Parupeneus signatus</i>	Black-spot Goatfish	1	Juvenile
13	MULLIDAE	<i>Upeneichthys lineatus</i>	Blue-spotted Goatfish	< 10	
14	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	< 50	
15	PEMPHERIDAE	<i>Parapriacanthus elongatus</i>	Slender Bullseye	> 50	
16	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	> 20	
17	PEMPHERIDAE	<i>Pempheris multiradiata</i>	Common Bullseye	< 20	
18	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	> 20	
19	PLOTOSIDAE	<i>Plotosus lineatus</i>	Striped Catfish	> 50	
20	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	< 20	
21	POMACENTRIDAE	<i>Parma Victoriae</i>	Victorian Scalyfin	1	
22	SERRANIDAE	<i>Hypoplectrodes nigrorubra</i>	Black-banded Seaperch	1	
23	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	> 100	
24	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	< 20	
25	UROLOPHIDAE	<i>Trygonoptera ovalis</i>	Striped Stingaree	1	

OTHER OBSERVATIONS

Cuttlefish

2

Location Fish Rocks
 Date of Assessment 18-Feb-11
 Dive Time 52 & 66
 Maximum Depth 3.7 & 4.4
 Accessories Torch

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus Rueppellii</i>	Gobbleguts	< 50	
2	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	> 100	
3	ARACANIIDAE	<i>Anoplocapros amygdaloid</i>	Western Smooth Boxfish	< 20	
4	ARRIPIDAE	<i>Arripis georgianus</i>	Australian Herring	< 10	
5	BLENNIIDAE	<i>Omobranchus germaini</i>	Germain's Blenny	2	
6	CALLIONYMIDAE	<i>Callionymus goodladi</i>	Goodlad's Stinkfish	1	Juvenile
7	CHAETODONTIDAE	<i>Chaetodon assarius</i>	Western Butterflyfish	2	Juvenile
8	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	< 10	
9	CHEILODACTYLIDA	<i>Cheilodactylus rubrolabiata</i>	Red-lip Morwong	< 10	
10	CHEILODACTYLIDA	<i>Goniistius Gibbosus</i>	Crested Morwong	> 10	
11	KYPHOSIDAE	<i>Kyphosus sydneyannus</i>	Common Buffalo Bream	> 20	
12	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	> 50	
13	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	< 10	
14	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	> 50	
15	LABRIDAE	<i>Siphonognathus beddome</i>	Pencil Weed Whiting	1	Juvenile
16	MONACANTHIDAE	<i>Chaetoderma penicilligera</i>	Prickly Leatherjacket	< 10	
17	MONACANTHIDAE	<i>Scobinichthys granulatus</i>	Rough Leatherjacket	< 10	
18	MONODACTYLIDAE	<i>Shuettea woodwardi</i>	Woodward's Pomfret	< 10	Juvenile
19	MULLIDAE	<i>Parupeneus signatus</i>	Black-spot Goatfish	1	Juvenile
20	MULLIDAE	<i>Upeneichthys lineatus</i>	Blue-spotted Goatfish	< 10	Juvenile
21	MYLIOBATIDAE	<i>Myliobatis tenuicaudatus</i>	Eagle Ray	1	Large
22	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	< 50	
23	PEMPHERIDAE	<i>Parapriacanthus elongatus</i>	Slender Bullseye	1	
24	PEMPHERIDAE	<i>Pempheris klunzingeri</i>	Rough Bullseye	> 50	
25	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	> 20	
26	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	< 20	
27	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	< 10	
28	POMACENTRIDAE	<i>Parma Victoriae</i>	Victorian Scalyfin	< 5	Juvenile
29	POMATOMIDAE	<i>Pomatomus saltatrix</i>	Tailor	> 100	Approx 30 CM
30	SCORPIDIDAE	<i>Tilodon sexfasciatus</i>	Moonlighter	< 10	Juvenile
31	SERRANIDAE	<i>Caesiocorpiis theagenes</i>	Southern Fusilier	> 50	
32	SERRANIDAE	<i>Hypoplectrodes nigrorubru</i>	Black-banded Seaperch	2	Juvenile
33	SILLAGINIDAE	<i>Sillaginodes punctatus</i>	King George Whiting	3	Adult
34	SPARIDAE	<i>Rhabdosargus sarba</i>	Silver Bream	< 20	Adult
35	TERAPONIDAE	<i>Pelates sexlineatus</i>	Striped Trumpeter	> 100	
36	TETRAODONTIDAE	<i>Torquigener pleurogramm</i>	Banded Blowfish	> 100	
37	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	< 20	
38	TRIPTERYGIIDAE	<i>Vauclusella species</i>	White-barred Threefin	< 10	
39	UROLOPHIDAE	<i>Trygonoptera ovalis</i>	Striped Stingaree	1	

OTHER OBSERVATIONS

Location Fish Rocks
 Date of Assessment 1-Jul-10
 Dive Time 44
 Maximum Depth 3.6
 Accessories Nil

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	> 20	
2	ARACANIIDAE	<i>Anoplocapros lenticularis</i>	White Barred Boxfish	1	
3	ARRIPIDAE	<i>Arripis georgianus</i>	Australian Herring	> 10	
4	BLENNIIDAE	<i>Parablennius postocolomaci</i>	False Tasmanian Blenny	< 5	
5	CARANGIDAE	<i>Pseudocaranx dentex</i>	Skipjack Trevally	< 20	
6	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	1	Adult
7	CHEILODACTYLIDA	<i>Goniistius Gibbosus</i>	Crested Morwong	> 10	
8	HEMIRAMPHIDAE	<i>Hyporhamphus melanochir</i>	Southern Sea Garfish	> 50	Juvenile
9	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	> 50	
10	PEMPHERIDAE	<i>Pemppheris klunzingeri</i>	Rough Bullseye	1	
11	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	> 20	
12	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	< 20	
13	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	< 10	
14	SILLAGINIDAE	<i>Sillaginodes punctatus</i>	King George Whiting	2	Adult
15	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	> 100	
16	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	< 20	

OTHER OBSERVATIONS

<i>Octopus</i>	6	Large
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Location Fish Rocks
 Date of Assessment 16-Jan-09
 Dive Time 55
 Maximum Depth 3.5
 Accessories Torch

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus Rueppellii</i>	Gobbleguts	> 50	Juvenile
2	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	> 50	
3	ARACANIIDAE	<i>Anoplocapros lenticularis</i>	White Barred Boxfish	1	
4	ATHERINIDAE	<i>Atherinomorus vaigiensis</i>	Ogilby's Hardiehead	< 20	Juvenile
5	BLENNIIDAE	<i>Parablennius postocolomac</i>	False Tasmanian Blenny	1	
6	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	< 5	Juvenile
7	CHEILODOACTYLIDA	<i>Goniistius Gibbosus</i>	Crested Morwong	< 5	
8	EXOCOETIDAE	<i>Cheilopogon furcatus</i>	Spotfin Flyingfish	1	#1
9	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	> 20	
10	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	> 20	
11	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	< 20	
12	POMACENTRIDAE	<i>Abudefduf bengalensis</i>	Narrow-banded Sergeant Ma	1	abt 10 CM
13	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	> 20	
14	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	< 10	
15	POMATOMIDAE	<i>Pomatomus saltatrix</i>	Tailor	< 20	25 - 40 CM
16	SCORPIDIDAE	<i>Scorpiis georgianus</i>	Banded Sweep	< 5	
17	SERRANIDAE	<i>Caesioscorpis theagenes</i>	Southern Fusilier	< 50	
18	SPARIDAE	<i>Rhabdosargus sarba</i>	Silver Bream	< 20	20 - 35 CM
19	TERAPONIDAE	<i>Pelates sexlineatus</i>	Striped Trumpeter	> 20	
20	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	> 20	
21	TRIPTERYGIIDAE	<i>Enneapterygius larsonae</i>	White-barred Threefin	< 10	
22	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	< 20	

OTHER OBSERVATIONS

Octopus 1
Red Crab < 10

#1 Flyingfish was observed from the boat just prior to arriving at survey location.

Location Fish Rocks
 Date of Assessment 3-Jan-08
 Dive Time 57
 Maximum Depth 3.9
 Accessories Torch

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	<50	
2	CARANGIDAE	<i>Pseudocaranx dentex</i>	Skipjack Trevally	1	Juvenile
3	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	<10	Juvenile
4	CHEILODACTYLIDAE	<i>Goniistius Gibbosus</i>	Crested Morwong	<20	
5	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	> 20	
6	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	> 20	
7	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	>50	
8	MONACANTHIDAE	<i>Acanthaluteres vittiger</i>	Toothbrush Leatherjack	<20	Juvenile
9	MULLIDAE	<i>Upeneichthys lineatus</i>	Blue-spotted Goatfish	<5	
10	PEMPHERIDAE	<i>Pempheris multiradiata</i>	Common Bullseye	<10	Juvenile
11	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	>20	
12	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	> 20	
13	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	>50	
14	SERRANIDAE	<i>Caesioscorpis theagenes</i>	Southern Fusilier	>50	
15	TERAPONIDAE	<i>Pelates sexlineatus</i>	Striped Trumpeter	>20	
16	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	>50	
17	TRIPTERYGIIDAE	<i>Enneapterygius larsonae</i>	White-barred Threefin	<10	
18	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	>20	

OTHER OBSERVATIONS

Octopus 3
Red Crab 6-8

Location Fish Rocks
 Date of Assessment 26-Jan-07
 Dive Time 58 min
 Maximum Depth 2.9 M
 Accessories Nil

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus Rueppellii</i>	Gobbleguts	>50	Juvenile
2	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	<20	
3	ARACANIIDAE	<i>Anoplocapros lenticularis</i>	White Barred Boxfish	2	
4	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	< 5	Juvenile
5	CHEILODACTYLIDAE	<i>Goniistius Gibbosus</i>	Crested Morwong	<20	Juvenile
6	HEMIRAMPHIDAE	<i>Hyporhamphus melanochi</i>	Southern Sea Garfish	> 20	
7	KYPHOSIDAE	<i>Kyphosus sydneyannus</i>	Buffalo Bream	1	
8	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	<20	
9	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	<10	
10	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	> 20	
11	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	<20	
12	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	> 20	
13	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	< 10	
14	SCORPIDIDAE	<i>Microcanthus strigatus</i>	Stripey	< 10	
15	SCORPIDIDAE	<i>Scorpius georgianus</i>	Banded Sweep	< 5	
16	SIGANIDAE	<i>Siganus fuscescens</i>	Black Spinefoot	1	
17	TERAPONIDAE	<i>Pelates sexlineatus</i>	Striped Trumpeter	< 20	
18	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	>100	
19	TRIPTERYGIIDAE	<i>Enneapterygius larsonae</i>	White-barred Threefin	<10	
20	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	>20	
21	UROLOPHIDAE	<i>Trygonoptera ovalis</i>	Striped Stingaree	1	

OTHER OBSERVATIONS

<i>Octopus</i>	6
<i>Red Crab</i>	6
<i>Sea Hair</i>	2

Location Fish Rocks
 Date of Assessment 13-Feb-06
 Dive Time 73 min
 Maximum Depth 3.1M
 Accessories Nil

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus Rueppellii</i>	Gobbleguts	>50	Juvenile
2	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	<20	
3	ARACANIIDAE	<i>Anoplocapros amygdaloides</i>	Western Smooth Boxfis	<10	Juvenile
4	CARANGIDAE	<i>Pseudocaranx dentex</i>	Skipjack Trevally	2	Juvenile
5	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	<10	
6	CHEILODOACTYLIDA	<i>Goniistius Gibbosus</i>	Crested Morwong	<10	
7	KYPHOSIDAE	<i>Kyphosus sydneyannus</i>	Buffalo Bream	1	
8	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	>10	
9	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	>50	
10	MONACANTHIDAE	<i>Scobinichthys granulatus</i>	Rough Leatherjacket	1	Juvenile
11	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	>10	
12	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	>10	
13	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	>10	
14	SCORPIDIDAE	<i>Scorpius georgianus</i>	Banded Sweep	2	
15	SERRANIDAE	<i>Caesioscorpis theagenes</i>	Southern Fusilier	<5	
16	TERAPONIDAE	<i>Pelates sexlineatus</i>	Striped Trumpeter	>50	
17	TETRAODONTIDAE	<i>Torquigener pleurogrammus</i>	Banded Blowfish	>100	
18	TRIPTERYGIIDAE	<i>Enneapterygius larsonae</i>	White-barred Threefin	<10	
19	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	>20	
20	UROLOPHIDAE	<i>Trygonoptera ovalis</i>	Striped Stingaree	1	

OTHER OBSERVATIONS

<i>Octopus</i>	9
<i>Red Crab</i>	3

Location Fish Rocks
 Date of Assessment 27-May-05
 Dive Time 36 minutes PG
 Maximum Depth 3.8 m PG
 Accessories Torch.

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	<20	
2	ARRIPIDAE	<i>Arripis georgianus</i>	Australian Herring	<10	
3	CARANGIDAE	<i>Pseudocaranx dentex</i>	Skipjack Trevally	<20	
4	CHEILODOCTYLIDAE	<i>Goniistius Gibbosus</i>	Crested Morwong	>10	
5	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	<10	Juvenile
6	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	<10	Juvenile
7	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	>50	
8	MONACANTHIDAE	<i>Meuschenia hippocrepis</i>	Horseshoe Leatherjack	1	
9	MONOCENTRIDAE	<i>Cleidopus gloriamaris</i>	Knight Fish	1	
10	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	<50	
11	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	>10	
12	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	<10	
13	SPARIDAE	<i>Rhabdosargus sarba</i>	Silver Bream	<20	
14	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	>100	
15	TORPEDINIDAE	<i>Hypnos monopterygium</i>	Numbfish	1	Approx 35 cm.
16	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	>20	
17	UROLOPHIDAE	<i>Trygonoptera ovalis</i>	Striped Stingaree	2	

OTHER OBSERVATIONS

<i>Octopus</i>	2	
<i>Red Crab</i>	1	
<i>Cuttlefish</i>	1	Large
<i>Pods of dolphins in the near vicinity</i>		

Location Fish Rocks
 Date of Assessment 19-Nov-04
 Dive Time 48 minutes PG
 Maximum Depth 2.5 m PG
 Accessories Slate, Torch.

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	<10	
2	ARACANIIDAE	<i>Anoplocapros amygdaloides</i>	Western Smooth Boxfish	1	
3	ARACANIIDAE	<i>Anoplocapros lenticularis</i>	White Barred Boxfish	2	
4	ARRIPIDAE	<i>Arripis georgianus</i>	Australian Herring	10	
5	BLENNIIDAE	<i>Parablennius postocolomaci</i>	False Tasmanian Blenn	1	
6	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	1	
7	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	<10	Juvenile
8	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	>10	
9	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	>50	
10	MONOCENTRIDAE	<i>Cleidopus gloriamaris</i>	Knight Fish	1	
11	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	<50	
12	PLESIOPIDAE	<i>Trachinops noarlungae?</i>	Yellow Headed Hula-fis	<50	Juvenile
13	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	>10	
14	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	<10	
15	SCORPIDIDAE	<i>Scorpius georgianus</i>	Banded Sweep	1	
16	SERRANIDAE	<i>Acanthistius pardalotus</i>	Leopard Wirrah (cod)	1	
17	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	>100	
18	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	>50	
19	TRIPTERYGIIDAE	<i>Vauclusella species</i>	White-barred Threefin	<10	
20	UROLOPHIDAE	<i>Trygonoptera ovalis</i>	Striped Stingaree	1	

OTHER OBSERVATIONS

Octopus 2
Red Crab <10

Location Fish Rocks
 Date of Assessment 28-Jan-04
 Dive Time 70 minutes
 Maximum Depth 3.3 M

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus Rueppellii</i>	Gobbleguts	>50	Juvenile
2	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	<10	
3	ARRIPIDAE	<i>Arripis georgianus</i>	Australian Herring	>10	
4	CHAETODONTIDAE	<i>Chelmonops curiosus</i>	Western Talma	2	Juvenile
5	CHEILODACTYLIDAE	<i>Goniistius Gibbosus</i>	Crested Morwong	>10	
6	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	<10	
7	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	>10	
8	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	>50	
9	LABRIDAE	<i>Pictilabrus viridis</i>	False Senator Wrasse	2	
10	MONACANTHIDAE	<i>Chaetoderma penicilligera</i>	Prickly Leatherjacket	1	Tropical
11	MUGILOIDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	<50	
12	MULLIDAE	<i>Upeneichthys lineatus</i>	Blue-spotted Goatfish	1	Juvenile
13	MURAENIDAE	<i>Gymnothorax woodwardi</i>	Woodward's Reef Eel	2	
14	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	1	
15	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	>10	
16	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	<10	
17	SCORPIDIDAE	<i>Scorpiis georgianus</i>	Banded Sweep	<10	
18	SCORPIDIDAE	<i>Tilodon sexfasciatus</i>	Moonlighter	1	
19	SERRANIDAE	<i>Acanthistius serratus</i>	Western Wirrah	1	
20	SERRANIDAE	<i>Caesioscorpis theagenes</i>	Southern Fusilier	>50	
21	SPARIDAE	<i>Rhabdosargus sarba</i>	Silver Bream	<50	
22	TERAPONIDAE	<i>Pelates sexlineatus</i>	Striped Trumpeter	>100	
23	TETRAODONTIDAE	<i>Torquigener pleurogramma</i>	Banded Blowfish	>100	
24	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	>50	
25	UROLOPHIDAE	<i>Trygonoptera ovalis</i>	Striped Stingaree	1	

OTHER OBSERVATIONS

<i>Octopus</i>	10
<i>Red Crab</i>	<10

Location Fish Rocks
 Date of Assessment 12-Dec-02
 Dive Time 39 minutes
 Maximum Depth 3.5 M

FISH OBSERVED

	FAMILY	SPECIES	NAME	COUNT	OTHER
1	APOGONIDAE	<i>Ostorhinchus victoriae</i>	Red-striped Cardinalfish	< 10	
2	ARACANIIDAE	<i>Anoplocapros amygdaloid</i>	Western Smooth Boxfis	1	
3	ARRIPIDAE	<i>Arripis georgianus</i>	Australian Herring	> 50	
4	KYPHOSIDAE	<i>Scorpiis georgianus</i>	Banded Sweep	1	
5	KYPHOSIDAE	<i>Tilodon sexfasciatus</i>	Moonlighter	< 10	Juvenile
6	LABRIDAE	<i>Australabrus maculatus</i>	Black-spotted Wrasse	< 10	
7	LABRIDAE	<i>Coris auricularis</i>	King Wrasse	< 10	Juvenile
8	LABRIDAE	<i>Halichoeres brownfieldi</i>	Brownfield's Wrasse	> 20	
9	LABRIDAE	<i>Notolabrus parilus</i>	Brown-spotted Wrasse	> 50	
10	LABRIDAE	<i>Pictilabrus viridis</i>	False Senator Wrasse	> 10	
11	LATIDAE	<i>Psammaperca waigiensis</i>	Sand Bass	1	Tropical
12	MONACANTHIDAE	<i>Scobinichthys granulatus</i>	Rough Leatherjacket	1	
13	MULLIDAE	<i>Upeneichthys lineatus</i>	Blue-spotted Goatfish	< 10	Juvenile
14	MURAENIDAE	<i>Gymnothorax woodwardi</i>	Woodward's Reef Eel	1	
15	NEMIPTERIDAE	<i>Pentapodus vitta</i>	Western Butterfish	1	
16	PINGUIPEDIDAE	<i>Parapercis haackei</i>	Wavy Grubfish	> 10	
17	POMACENTRIDAE	<i>Parma mccullochi</i>	Common Scalyfin	> 20	
18	POMACENTRIDAE	<i>Parma occidentalis</i>	Western Scalyfin	> 20	
19	SIGANIDAE	<i>Siganus fuscescens</i>	Black Spinefoot	1	Tropical
20	SILLAGINIDAE	<i>Sillago schomburgkii</i>	Yellowfin Whiting	1	
21	SPARIDAE	<i>Rhabdosargus sarba</i>	Silver Bream	> 20	
22	TERAPONIDAE	<i>Pelates sexlineatus</i>	Striped Trumpeter	> 50	
23	TETRAODONTIDAE	<i>Torquigener pleurogramm</i>	Banded Blowfish	> 50	
24	TRIPTERYGIIDAE	<i>Helcogramma decurrens</i>	Black-throated Threefin	> 50	