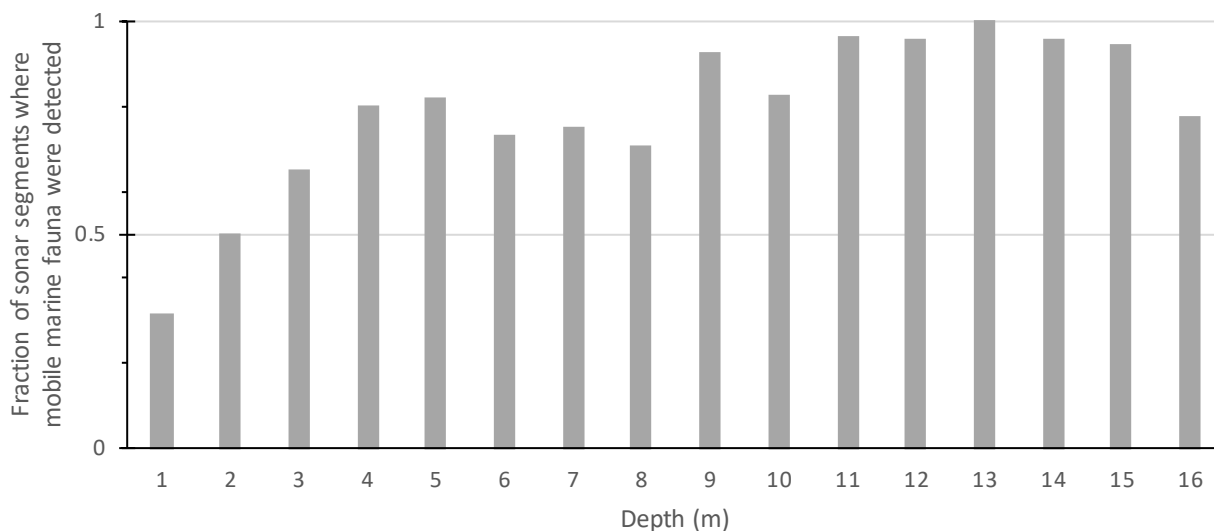


Supplementary Material for: Urban-industrial seascapes can be abundant and dynamic fish habitat



Supplementary Figure S1. Bar plot of overall mobile marine fauna presence in sonar segments by water depth.

Supplementary Table S1. Temporal dataset: Mackay Harbour

Site	April 2022		Nov 2021		Total (n)
	day (n)	night (n)	day (n)	night (n)	
Marina breakwall internal North	57	61	30	23	171
Marina breakwall internal South	71	82	68	71	292
Fuel Port	102	101	108	97	408
Total	230	244	206	191	871

Supplementary Table S2. Temporal dataset: Pioneer River

Site	April 2022		Total (<i>n</i>)
	day (<i>n</i>)	night (<i>n</i>)	
Mangrove training wall East	60	55	115
Mangrove training wall West	53	52	105
Pioneer Boatramp	37	43	80
Pioneer City	97	65	162
Pioneer Industry	91	62	153
Pioneer Narrows	89	66	155
Total	427	343	770

Supplementary Table S3. Spatial dataset: Day, April 2022

Site	(<i>n</i>)
Mangrove training wall East	81
Mangrove training wall West	53
Marina breakwall internal North	161
Marina breakwall internal South	77
Mid-marina site A	31
Mid-marina site B	23
Fuel Port	111
Pioneer Boatramp	55
Pioneer City	97
Pioneer Industry	91
Pioneer Narrows	89

Supplementary Table S4. Spatial dataset: Night, April 2022:

Site	(n)
Mangrove training wall East	55
Mangrove training wall West	52
Marina breakwall internal North	159
Marina breakwall internal South	82
Mid-marina site A	48
Mid-marina site B	14
Fuel Port	111
Pioneer Boatramp	43
Pioneer City	65
Pioneer Industry	62
Pioneer Narrows	66
Sugar Port	44

Supplementary Table S5. Species detected in video sampling and direct observation from the surface. Where species were identified as juvenile phase, they are recorded as (juv) in the table.

Habitat	Family	Species
Marina	Ambassidae	spp.
	Batoidea	spp.
	Blenniidae	spp.
	Carangidae	<i>Caranx sexfasciatus</i>
		<i>Gnathanodon speciosus</i>
	Chaetodontidae	<i>Chelmon muelleri</i>
	Clupeidae	spp.
	Drepaneidae	<i>Drepane punctata</i>
	Ephippidae	<i>Platax batavianus</i>
	Gerreidae	<i>Gerres filamentosus</i>
		<i>Gerres oyena</i>
	Gobiidae	spp.
	Haemulidae	<i>Diagramma pictum</i>
	Latidae	<i>Lates calcarifer</i>
	Lutjanidae	<i>Lutjanus russellii</i> (juv)
	Monodactylidae	<i>Monodactylus argenteus</i>
	Mugilidae	<i>Ellochelon vaigiensis</i>
	Pomacentridae	<i>Abudefduf bengalensis</i>
		spp.
	Scatophagidae	<i>Scatophagus argus</i>
	Serranidae	<i>Epinephelus coioides</i>
	Siganidae	<i>Siganus lineatus</i>

		sp. (juv)
	Sparidae	<i>Acanthopagrus australis</i>
	Sphyraenidae	<i>Sphyraena barracuda</i>
	Tetraodontidae	spp.
Harbour walls	Clupeidae	spp.
	Labridae	<i>Choerodon anchorago</i>
	Lutjanidae	<i>Lutjanus russellii</i>
	Pomacentridae	<i>neoglyphidodon melas</i>
	Siganidae	<i>Siganus doliatus</i>
		<i>Siganus lineatus</i>
	Sparidae	<i>Acanthopagrus australis</i>
Ports	Carangidae	<i>Carangoides fulvoguttatus</i>
		<i>Carangoides hedlandensis</i>
		<i>Caranx sexfasciatus</i>
		<i>Caranx ignobilis</i>
		<i>Ulua mentalis</i>
	Clupeidae	spp.
	Drepaneidae	<i>Drepane punctata</i>
	Ephippidae	<i>Platax batavianus</i>
	Gerreidae	<i>Gerres filamentosus</i>
	Haemulidae	<i>Diagramma pictum</i>
		<i>Plectorhinchus gibbosus</i>
		<i>Pomadasys argenteus</i>
	Latidae	<i>Lates calcarifer</i>
	Lutjanidae	<i>Lutjanus russellii</i>
		<i>Lutjanus johnii</i>
	Monodactylidae	<i>Monodactylus argenteus</i>
	Sciaenidae	<i>Protonibea diacanthus</i>
	Siganidae	<i>Siganus argenteus</i>
		<i>Siganus lineatus</i>
	Delphinidae	sp.
Estuary	Ambassidae	sp.
	Clupeidae	sp.
	Gobiidae	sp.
	Lutjanidae	<i>Lutjanus johnii</i> (juv)
		<i>Lutjanus russellii</i> (juv)
	Monodactylidae	<i>Monodactylus argenteus</i>
	Mugilidae	sp.
	Mullidae	<i>Upeneus tragula</i>
	Haemulidae	<i>Plectorhinchus gibbosus</i> (juv)
	Serranidae	<i>Epinephelus coioides</i>
	Siganidae	<i>Siganus lineatus</i>
	Sparidae	<i>Acanthopagrus australis</i>
		<i>Acanthopagrus pacificus</i>
	Sphyraenidae	<i>Sphyraena flavicauda</i>
	Tetraodontidae	sp.