

**Supplementary Table S3. Amplicon sequence variant (ASV) counts for each metabarcoding marker**

Metabarcoding marker name (gene region)	Total N ASVs	For ASVs classified to species			For ASVs classified to at least genus			N Metazoan ASVs	N Metazoan ASVs classified to species (N unique species)	N Metazoan ASVs classified to at least genus (N unique genera)
		Total N ASVs	N unique species	Median % identity for species matches	Total N ASVs	N unique genera	Median % identity for genus matches			
<b>LrCOI</b> (mitochondrial cytochrome c oxidase I)	1321	571	177	99.4%	680	140	94.9%	1006	560 (167)	669 (130)
<b>Mol16S*</b> (mitochondrial 16S ribosomal RNA)	911/1150	343/382	126/129	99.4%/99.4%	479/538	134/137	96.4%/96.4%	813/852	338/376 (122/124)	474/532 (130/132)
<b>Cop16S</b> (mitochondrial 16S ribosomal RNA)	383	147	45	99.7%	167	41	96.3%	341	147 (45)	167 (41)
<b>MiFish12S</b> (mitochondrial 12S ribosomal RNA)	651	41	23	99.4%	50	26	99.4%	51	37 (20)	46 (23)
<b>FishCytb</b> (mitochondrial cytochrome b)	1261	95	38	99.4%	108	43	96.8%	432	93 (36)	106 (41)