

Table 2: Occurrence of fish species in the artisanal and semi-industrial fisheries at Teshie and Tema respectively during the lean and peak fishing seasons of year 2013

No.	Family	Species	Common name	Occurrence			
				AFL	AFP	SFL	SFP
1	Bothidae	<i>Scyacium micrurum</i>	Flounder	x	x	√	x
2	Carangidae	<i>Caranx crysos</i>	Blue runner	√	x	√	√
3		<i>Caranx hippos</i>	Jack mackerel	√	√	x	X
4		<i>Chloroscombrus chrysurus</i>	Atlantic bumper	√	√	x	X
5		<i>Decapterus punctatus</i>	Round scad	x	x	√	√
6		<i>Decapterus rhoncus</i>	False scad	√	√	√	√
7		<i>Selene dorsalis</i>	African moonfish	√	√	x	X
8		<i>Trachinotus ovatus</i>	Pompano	√	√	x	X
9		<i>Trachinotus teraia</i>	Terai pompano	√	√	x	X
10		<i>Selar crumenophthalmus</i>	Bigeye scad	x	x	√	√
11	Clupeidae	<i>Ethmalosa fimbriata</i>	Shad	√	√	√	X
12		<i>Illisha africana</i>	Long finned herring	x	√	x	X
13		<i>Sardinella aurita</i>	Round sardinella	x	x	√	√
14		<i>Sardinella maderensis</i>	Flat sardinella	√	√	√	X
15	Cynoglossidae	<i>Cynoglossus senegalensis</i>	Senegal left-eyed tongue sole	√	√	x	X
16	Dactylopteridae	<i>Dactylopterus volitans</i>	Flying gurnard	x	x	x	√
17	Dasyatidae	<i>Dasyatis margarita</i>	Daisy sting ray	√	√	x	X
18	Drepanidae	<i>Chaetodipterus lippei</i>	Black spadefish	x	√	x	X
19		<i>Drepane africana</i>	African sicklefish	x	√	x	X
20	Mugilidae	<i>Mugil cephalus</i>	Flathead grey mullet	√	x	x	X
21	Penaidea	<i>Penaeus notialis</i>	Pink shrimp	x	√	x	X
22	Polynemidae	<i>Galeoides decadactylus</i>	Common threadfin	√	√	x	X
23	Pomadasyidae	<i>Brachydeuterus auritus</i>	Burrito	√	√	√	X
24	Portunidae	<i>Callinectes sapidus</i>	Blue swimming crab	√	√	x	X
25	Priacanthidae	<i>Priacanthus arenatus</i>	Atlantic bigeye	x	x	x	√
26	Rhinobatidae	<i>Rhinobatos rhinobatos</i>	Common guitarfish	x	√	x	X
27	Sciaenidae	<i>Pseudotolithus brachygnatus</i>	Small mouth croaker	√	x	x	X
28		<i>Pseudotolithus senegalensis</i>	Cassava croaker	√	√	x	X
29		<i>Pseudotolithus typus</i>	Long neck roaker	√	x	x	X
30		<i>Pteroscion peli</i>	Boe drum	√	√	x	X
31	Scombridae	<i>Auxis thazard</i>	Frigate tuna	x	x	√	√
32		<i>Orcynopsis unicolor</i>	Plain bonito	x	√	x	X
33		<i>Scomber japonicus</i>	Chub mackerel	√	x	√	√

No.	Family	Species	Common name	Occurrence			
				AFL	AFP	SFL	SFP
34	Sepiidae	<i>Scomberomorus tritor</i>	Spanish mackerel	x	√	x	X
35		<i>Sepia officinalis</i>	Common cuttlefish	√	√	x	√
36	Soleidae	<i>Bathysolea albida</i>	Rock sole	x	√	x	X
37	Sparidae	<i>Boops boops</i>	Bogue	x	x	√	√
38	Sphyraenidae	<i>Sphyraena sphyraena</i>	Barracuda	√	√	√	X
39	Stromateidae	<i>Stromateus fiatola</i>	Butterfish	√	√	x	X
40	Tetraodontidae	<i>Ephippion guttifer</i>	Prickly puffer	√	√	x	√
41		<i>Lagocephalus laevigatus</i>	Smooth puffer	√	√	x	X
Total	Number of Families = 22	Number of species = 41		25	28	13	12

Legend: √ = present. x = absent. AFL = Artisanal fishery lean season. AFP = Artisanal fishery peak season. SFL = Semi-industrial fishery lean season. SFP = Semi-industrial fishery peak season