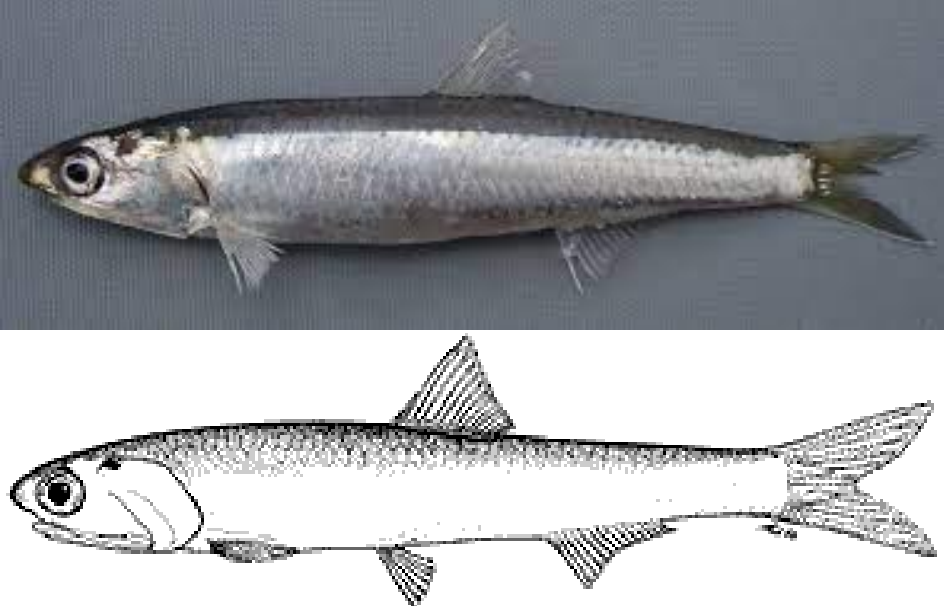


Bait sampling logsheet – Ghana pole and line fishery

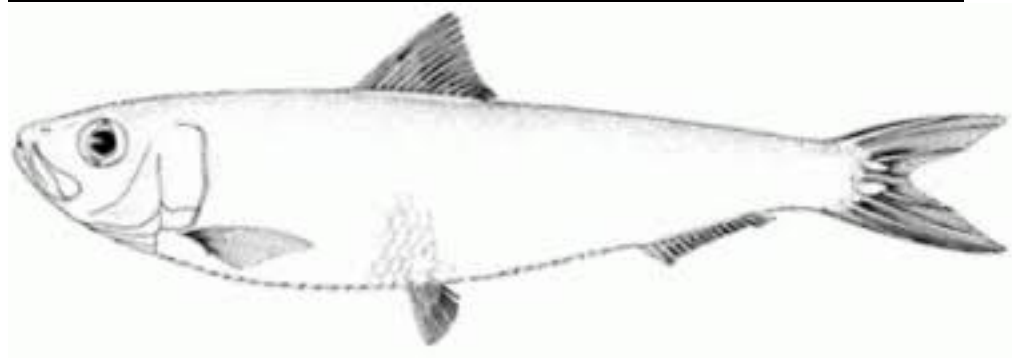
Vessel name	
Vessel registration	
Vessel company name	
Form completed by	

Date of activity	Position	Estimated catch volume (number of buckets) and percentage of catch per bucket				Association (Bait boat/canoe – please state)	Canoe name	Canoe registration number	Notes
	Latitude (N/S) Longitude (E/W)	Round sardinella (<i>Sardinella aurita</i>)	Flat sardinella (<i>Sardinella maderensis</i>)	Anchovy (<i>Engraulis encrasicolus</i>)	Other (Specify species)				
Ex. 23/04/2023	02.36N	10 buckets	5 buckets	2 buckets	N/A	BB	N/A	N/A	Good fishing. Observer also recorded bait activity.
	00.30E	50% fish/50% water	25% fish/75% water	50% fish/50% water					

Species	Description	Photograph
<p>Anchovy (<i>Engraulis encrasicolous</i>)</p>	<p>Dorsal spines (total): 0; Dorsal soft rays (total): 16-18; Anal spines: 0; Anal soft rays: 13 - 15; Vertebrae: 46 - 47. Snout pointed; maxilla short, tip blunt, reaching almost to front border of preoperculum, not projecting beyond tip of second supra-maxilla; tip of lower jaw reaching almost to below nostril. Gill rakers present on hind face of third epibranchial. Pseudobranch longer than eye, reaching onto inner face of operculum. A silver stripe along flank, disappearing with age.</p>	 <p>The photograph shows a real anchovy fish, which is slender and silver with a darker dorsal side and a lighter ventral side. The illustration is a detailed black and white line drawing of the same fish, showing its anatomical features like the pointed snout, large eye, and the arrangement of its fins.</p>

Round sardinella
(*Sardinella aurita*)

Dorsal spines (total): 0; Dorsal soft rays (total): 17-20; Anal spines: 0; Anal soft rays: 16 - 18; Vertebrae: 47 - 49.
Diagnosis: Body elongate, usually subcylindrical, but sometimes a little compressed; belly rather rounded, but with a distinct keel of scutes; lower gillrakers fine and numerous, more than 80; anterior gillrakers on lower limbs of second and third gill arches lying more or less flat. Flanks silvery, with a faint golden midlateral line, preceded by a faint golden spot behind gill opening; a distinct black spot at hind border of gill cover. The pelvic finray count of 1 unbranched and 8 branched rays distinguishes *Sardinella aurita* from all other species of *Sardinella*.



Flat sardinella
(*Sardinella*
maderensis)

Dorsal spines (total): 0; Dorsal soft rays (total): 18-23; Anal spines: 0; Anal soft rays: 17 - 23; Vertebrae: 44 - 48.
Diagnosis: Body elongate, but variable in depth, belly fairly sharply keeled; with 14-20 pre-pelvic and 12-15 post-pelvic scutes, total scutes 31-34; lower gillrakers 70-166, increasing with growth; upper pectoral finrays white on outer side, the membrane between black. It resembles *Sardinella aurita*, but pelvic fin with 1 unbranched and 7 branched rays vs. 1 unbranched and 8 branched rays in *S. aurita* and no black spot on hind part of gill cover, but faint gold or black area just behind gill opening. It is distinguished from *S. rouxi* by having more lower gillrakers, which is only 30-40 in *S. rouxi*, and the caudal fin grey, its tips almost black vs. pale yellow with distal margin dusky in *S. rouxi*.

