



Seerfishes and other species in Indian ocean fisheries

IOTC Species identification and sampling workshop

Kochi, India, September 29th to October 3rd, 2025



Narrow-barred Spanish mackerel



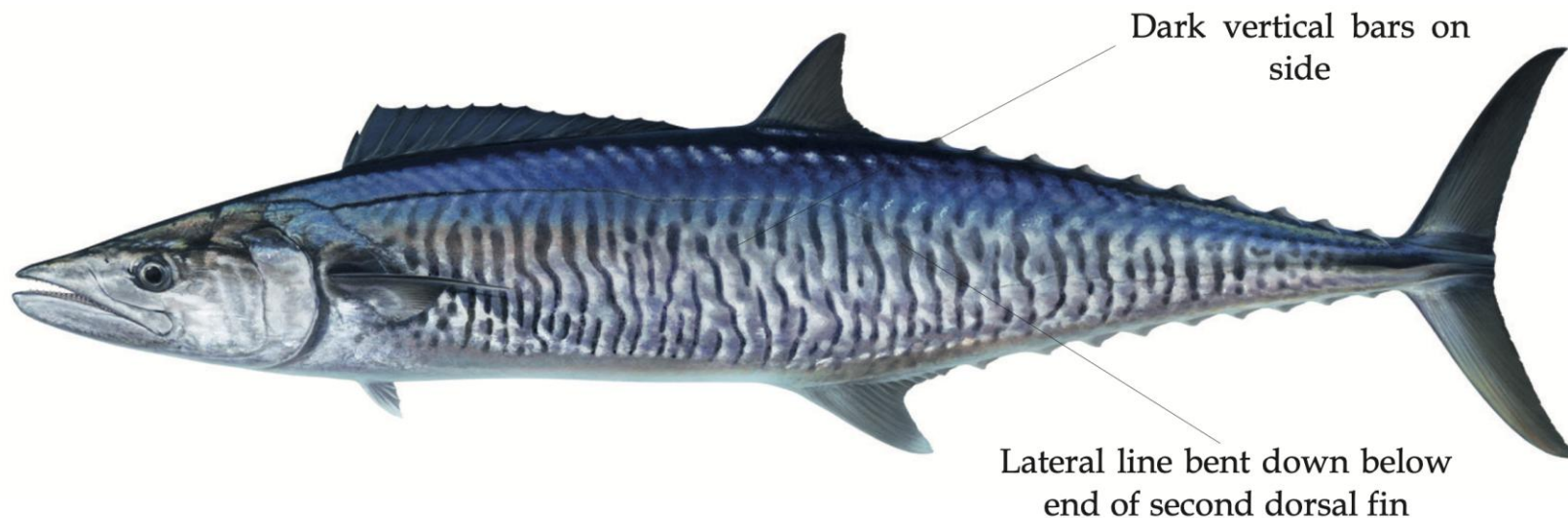
Scomberomorus commerson

J –ヨコシマサワラ

C –鰭 / 康氏馬加鰭

F –Thazard rayé indo-pacifique

S –Carite estriado Indo-Pacífico



Max. FL: 240 cm

Com. FL: \leq 90 cm

SCOMBEROMORUS COMMERSON



NARROW-BARRED SPANISH MACKEREL

SCOMBEROMORUS COMMERSON



NARROW-BARRED SPANISH MACKEREL

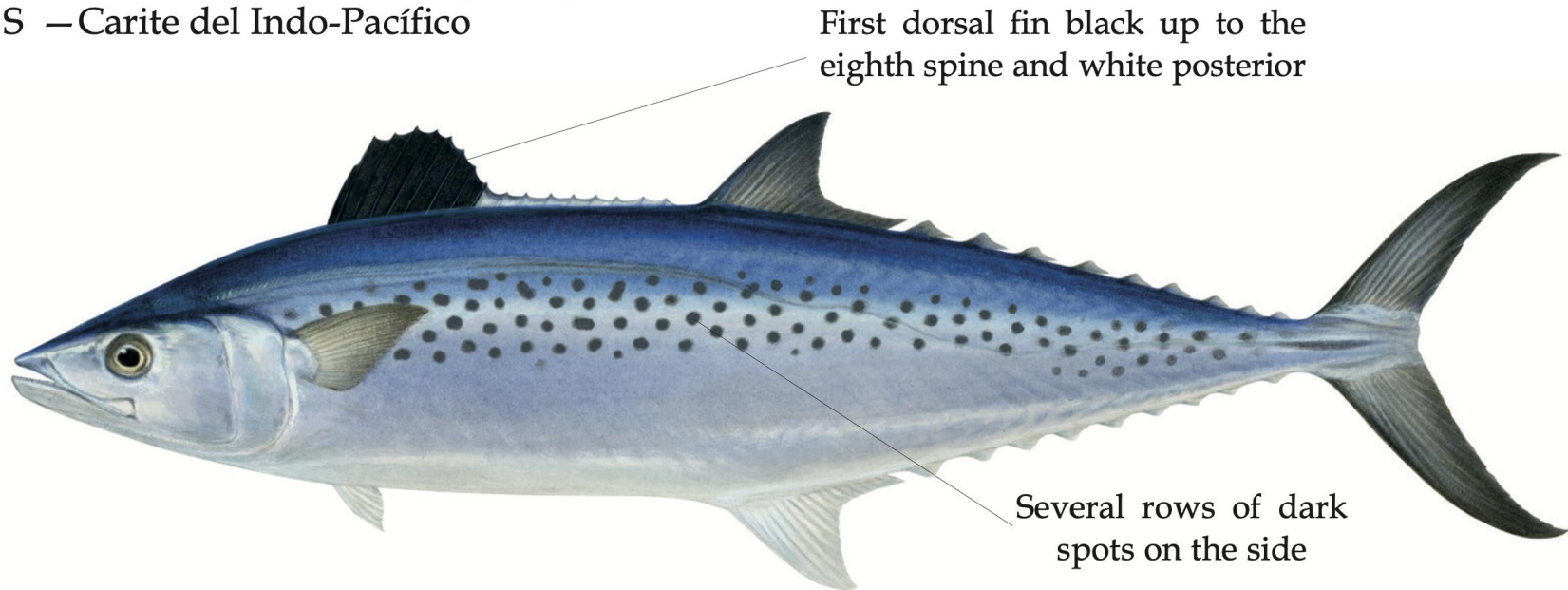
IOTC Species identification and sample workshop, 2025

Indo-Pacific king mackerel



Scomberomorus guttatus

- J - タイワンサワラ
- C - 长颌花鲷 / 台湾馬加鲷
- F - Thazard ponctué indo-pacifique
- S - Carite del Indo-Pacífico



Max. FL: 76 cm
Com. FL: ≤ 55 cm

SCOMBEROMORUS GUTTATUS



INDO-PACIFIC KING MACKEREL

IOTC Species identification and sample workshop, 2025

SCOMBEROMORUS GUTTATUS



INDO-PACIFIC KING MACKEREL

IOTC Species identification and sample workshop, 2025

SCOMBEROMORUS COMMERSON



SCOMBEROMORUS GUTTATUS

SCOMBEROMORUS COMMERSON



NARROW-BARRED SPANISH MACKEREL

IOTC Species identification and sample workshop, 2025

Wahoo



Acanthocybium solandri

J - アブラソコムツ

C - 异鳞蛇鲭 / 细鳞油鱼

F - Thazard-bâtard

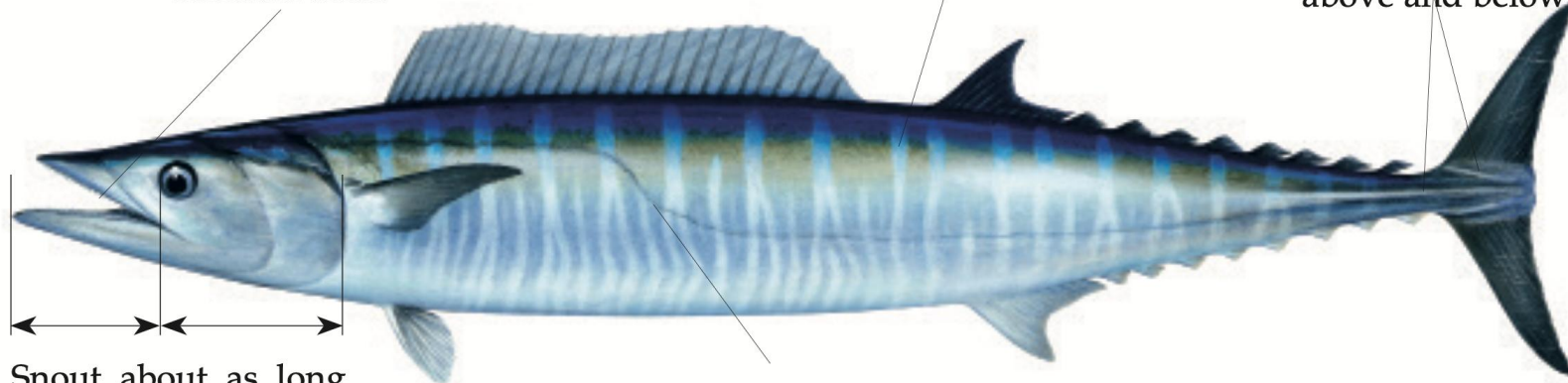
S - Peto

Very elongated body

Large mouth with long and finely serrated teeth

Bright blue vertical bars on back

One prominent median keel and two smaller keels above and below



Snout about as long as rest of the head

Lateral line bent down below first dorsal fin

Max. FL: 250 cm

Com. FL: \leq 170 cm

Common dolphinfish



Coryphaena hippurus

J - シイラ

C - 鯨鰐 / 鬼頭刀

F - *Coryphaena commune*

S - *Lampuga*

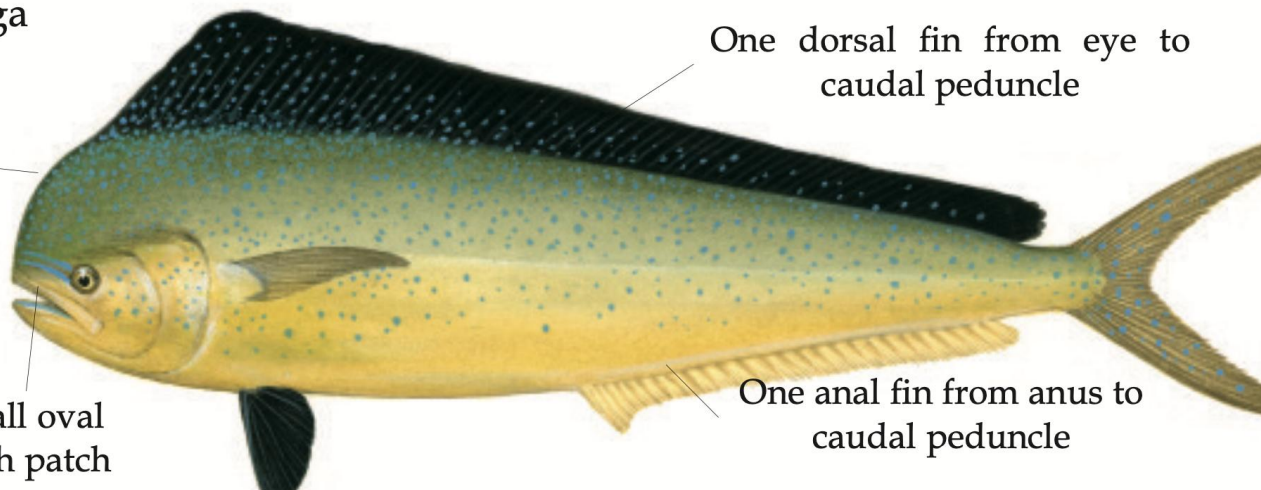
Distinctive body shape and color
Greatest body depth is anterior to pectoral fin

Male with
prominent
bony crest

Small oval
tooth patch
on tongue

One dorsal fin from eye to
caudal peduncle

One anal fin from anus to
caudal peduncle



Beware: Pompano dolphinfish (*Coryphaena equiselis* - CFW) also commonly caught as bycatch:

- Greatest body depth is posterior to pectoral fin
- One dorsal fin from just behind the eye to caudal peduncle
- Broad tooth patch on tongue

Max. FL: 210 cm

Com. FL: ≤ 100 cm

CORYPHAENA HIPPURUS

COMMON DOLPHINFISH



COMMON DOLPHINFISH

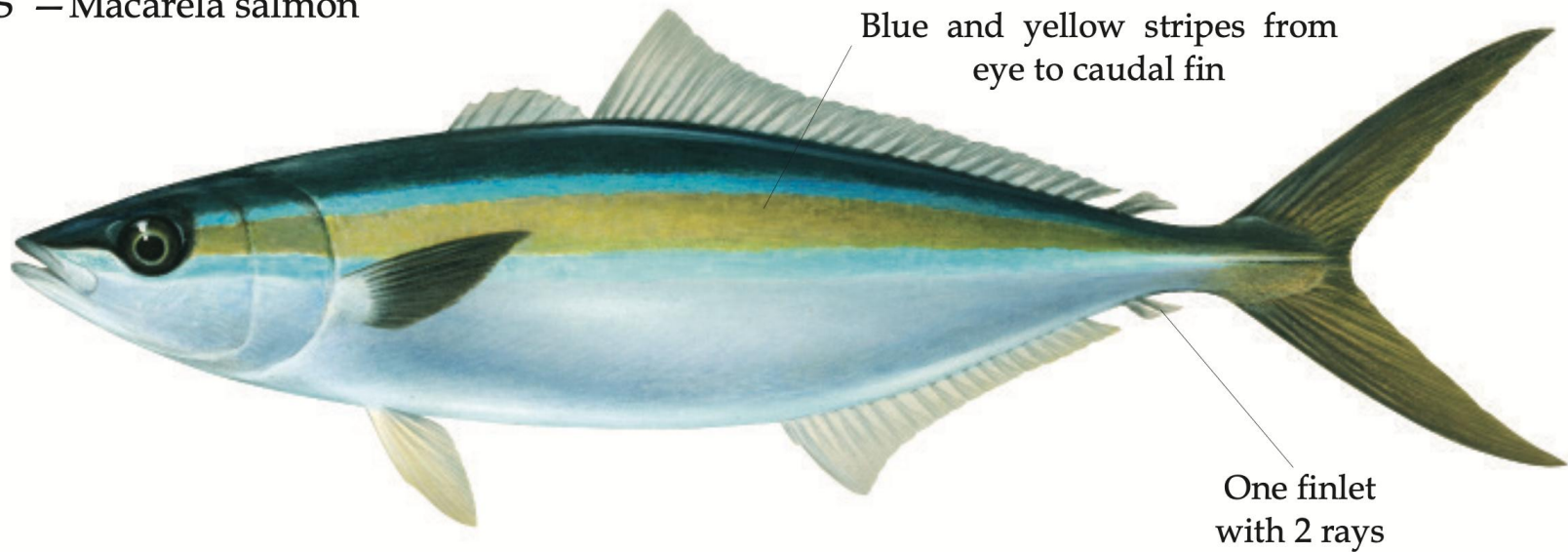
IOFC Species identification and sample workshop 2025

Rainbow runner



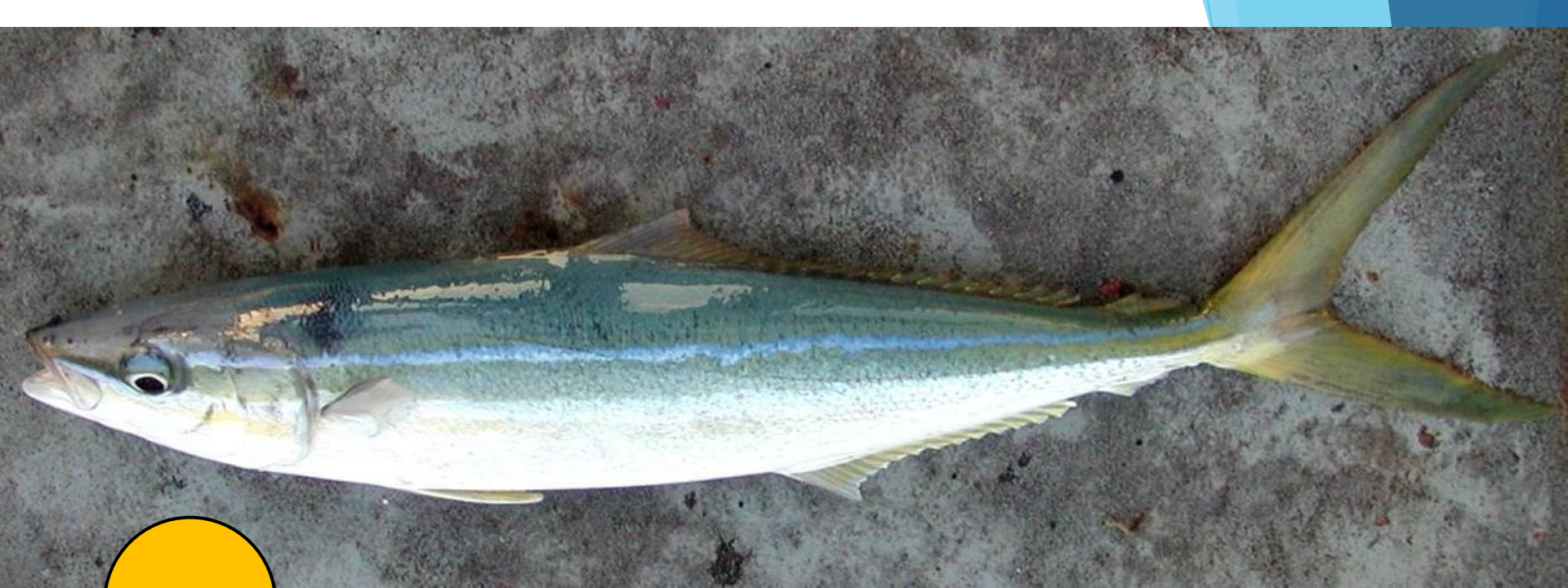
Elagatis bipinnulata

- J – ツムブリ
- C – 纺锤鲷 / 雙帶鯨
- F – Comète saumon / Coureur arc-en-ciel
- S – Macarela salmón



Max. FL: 180 cm

Com. FL: ≤ 90 cm



RRU



Oilfish

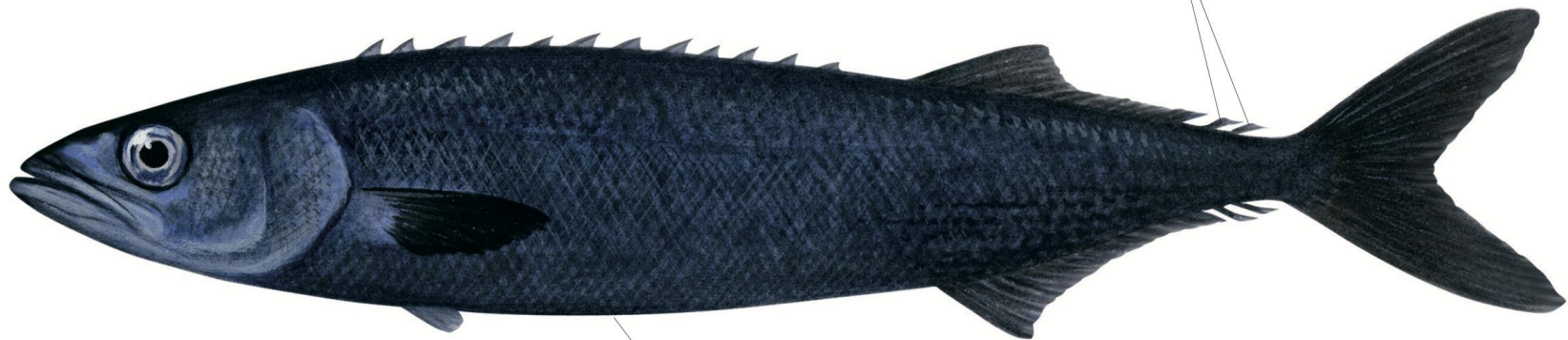


Ruvettus pretiosus

- J – バラムツ
- C – 棘鳞蛇鲭 / 粗鳞油魚
- F – Rouvet
- S – Escolar clavo

Body uniformly dark with rough skin

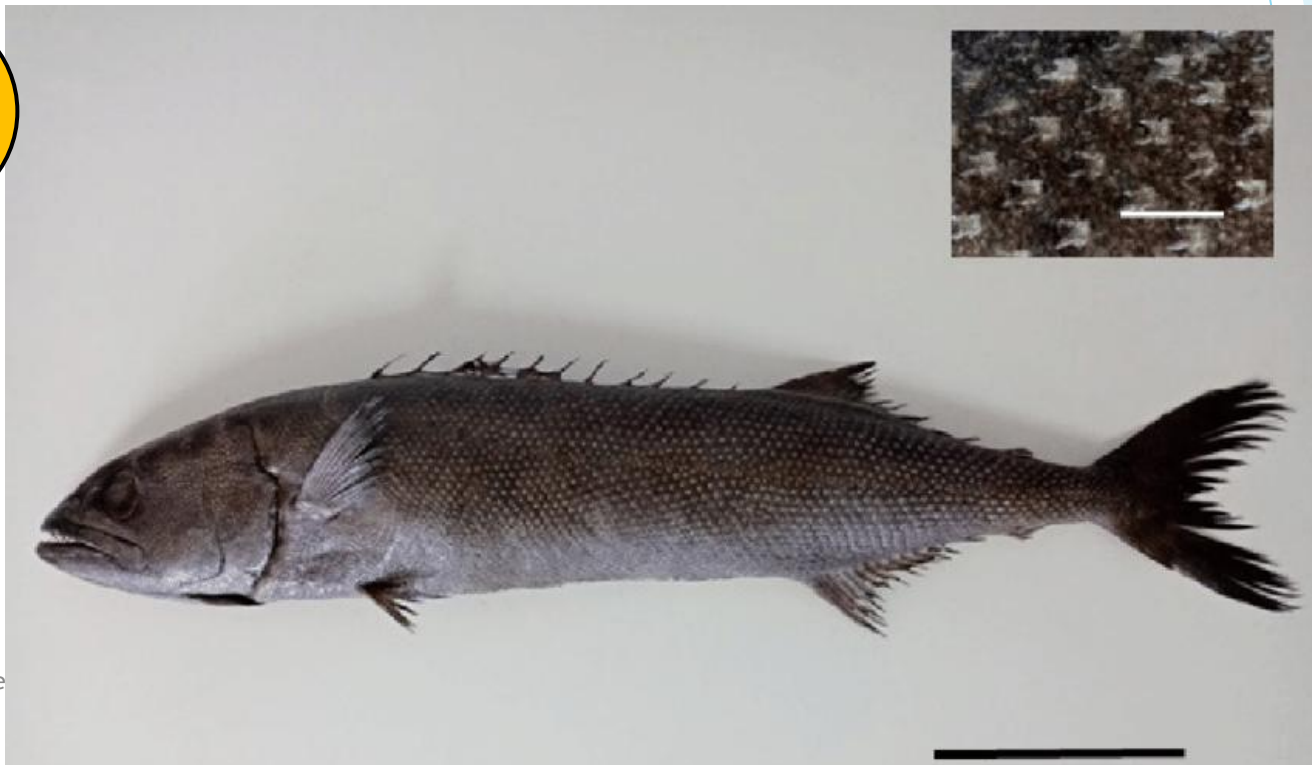
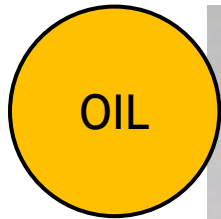
Two finlets



Sharp scaly abdominal keel

Max. FL: 300 cm

Com. FL: ≤ 150 cm



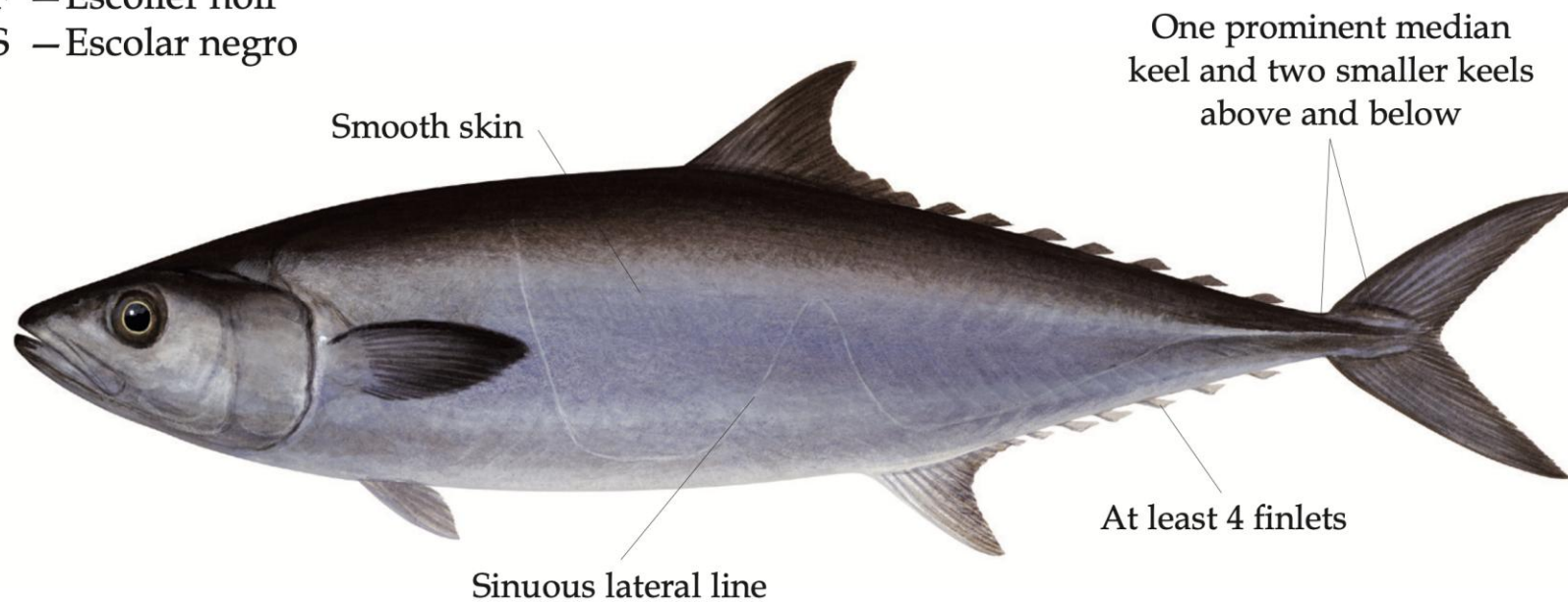
IOTC Species ide

Escolar

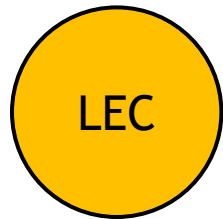


Lepidocybium flavobrunneum

- J – アブラソコムツ
- C – 异鳞蛇鲭 / 细鳞油鱼
- F – Escolier noir
- S – Escolar negro



Max. FL: 200 cm
Com. FL: ≤ 150 cm



REFERENCES

IOTC (2022). PORT STATE MEASURES. SPECIES IDENTIFICATION GUIDES FOR FISHERIES INSPECTORS. VICTORIA, FAO

IOTC (2013) IDENTIFICATION OF TUNA AND TUNA-LIKE SPECIES IN INDIAN OCEAN FISHERIES

FISHBASE

THANKS

QUESTIONS?



IOTC Species identification and sample workshop, 2025

