Flatfish/Sculpin Lecture

3-week Observer Training

Pacific sanddab

Important Characters

- ADB - Accessory dorsal branch of the lateral line
- Anal Spine

Groups

- **No ADB & No Anal Spine**
  - Greenland Turbot & Kam/ATF
  - Dover Sole
- **Anal Spine but No ADB**
  - Yellowfin Sole
  - Flathead & Bering Flounder
  - Rex Sole & Longhead Dab
- **Both ADB & Anal Spine**
  - Rock Soles
  - English, Sand, Butter Sole

Greenland turbot

Arrowtooth flounder

Kamchatka flounder

Greenland turbot

Arrowtooth flounder

Kamchatka

Arrowtooth

Kamchatka flounder

Arrowtooth flounder

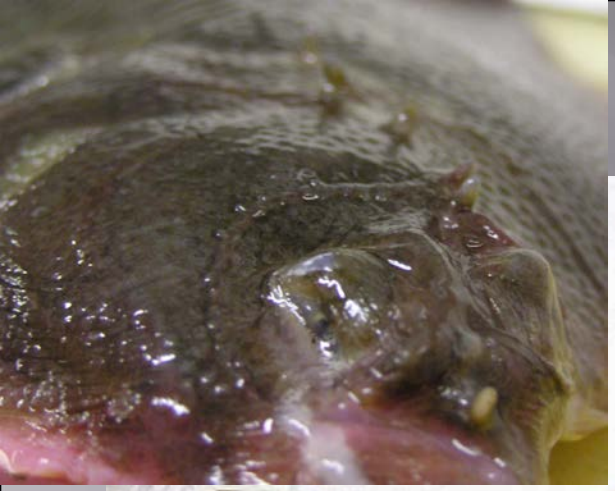
Dover sole

Deep-sea sole

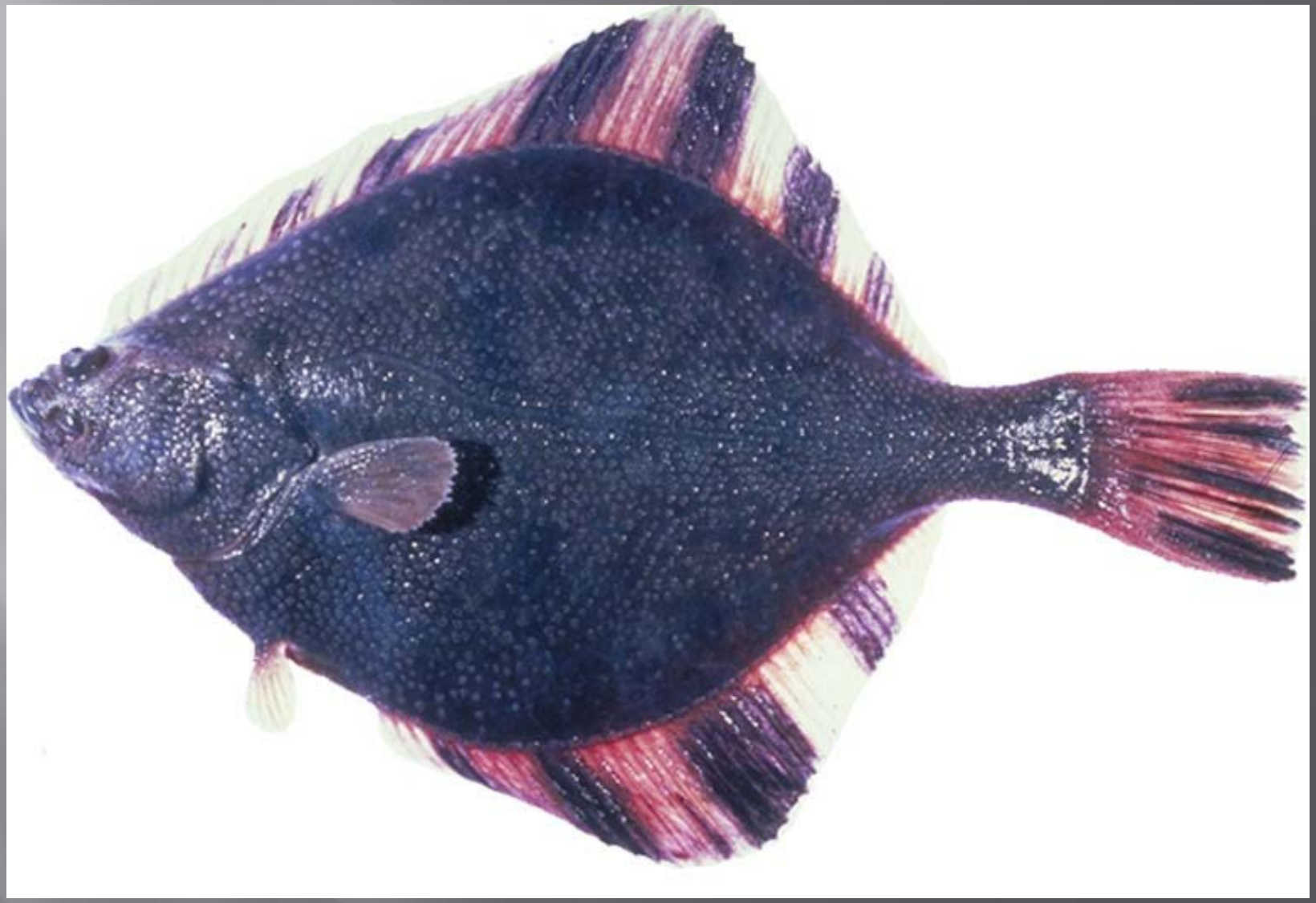
Pacific halibut

Pacific halibut (blind side)

Yellowfin sole



Alaska plaice



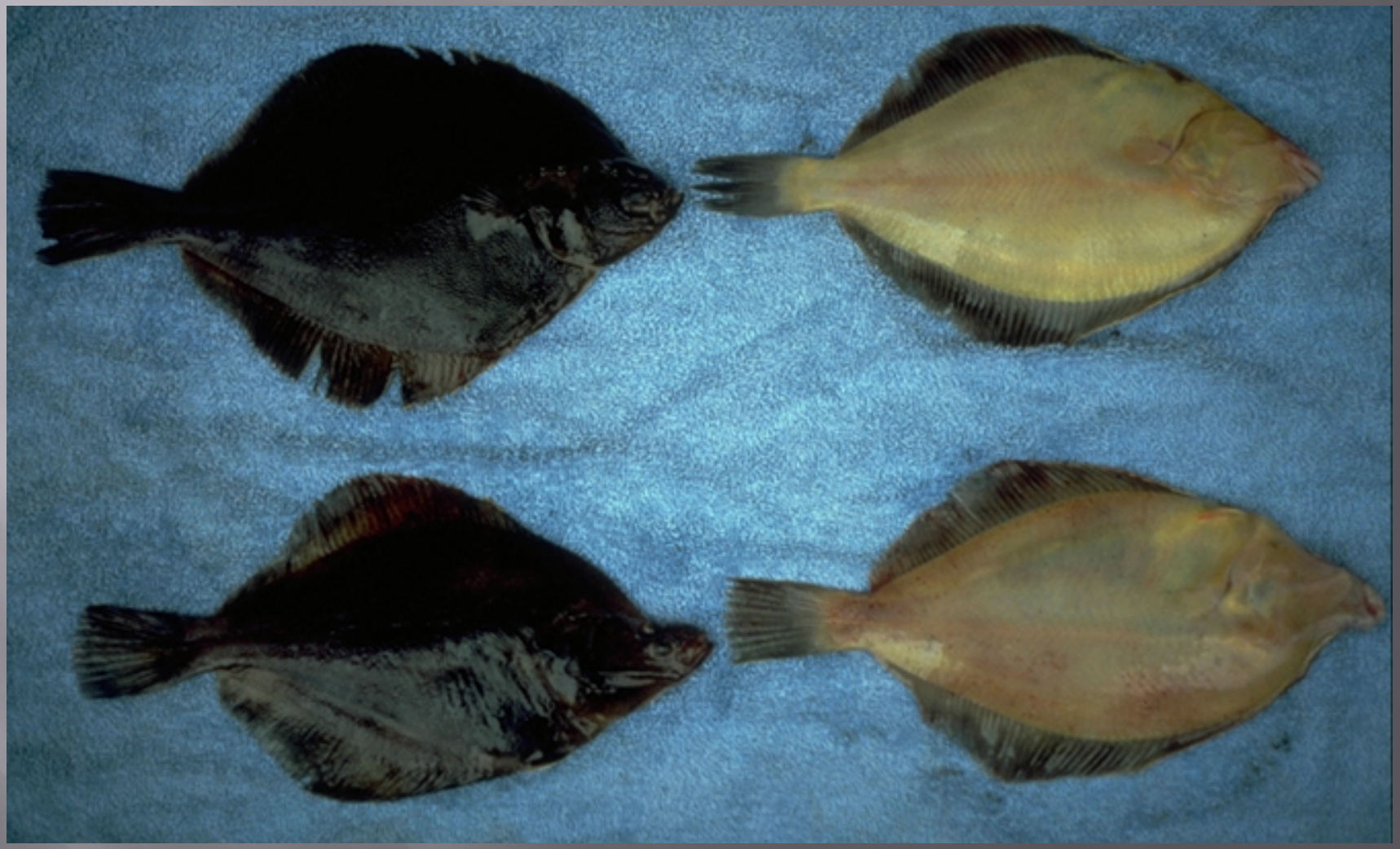
Starry flounder

Rex sole

Slender sole

Longhead dab

Alaska plaice



Longhead dab

Flathead sole

Bering flounder

Flathead sole

Petrale sole

Petrale sole (head)

Northern rock sole

Northern rock sole (blind side)

Southern rock sole

English sole

C-O sole

Curlfin sole

Rock sole

Yellowfin sole

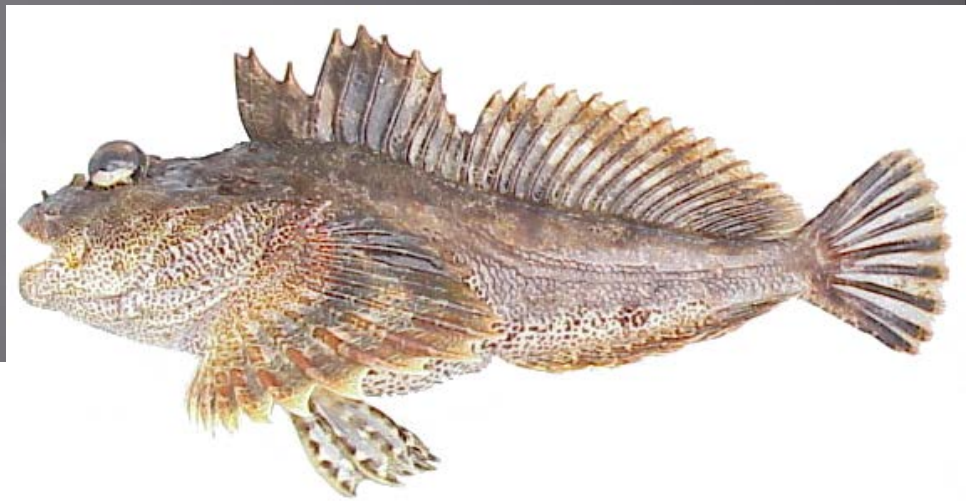
Flathead sole

Greenland turbot

Arrowtooth

Kamchatka

Sculpins

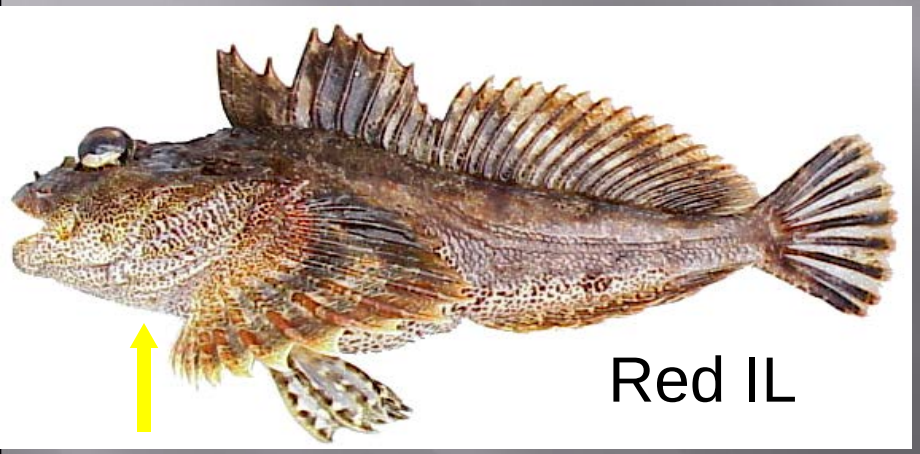


Irish Lords (*Hemilepidotus*)

Bigmouth Sculpin (*Hemitripterus*)

Myoxocephalus spp.

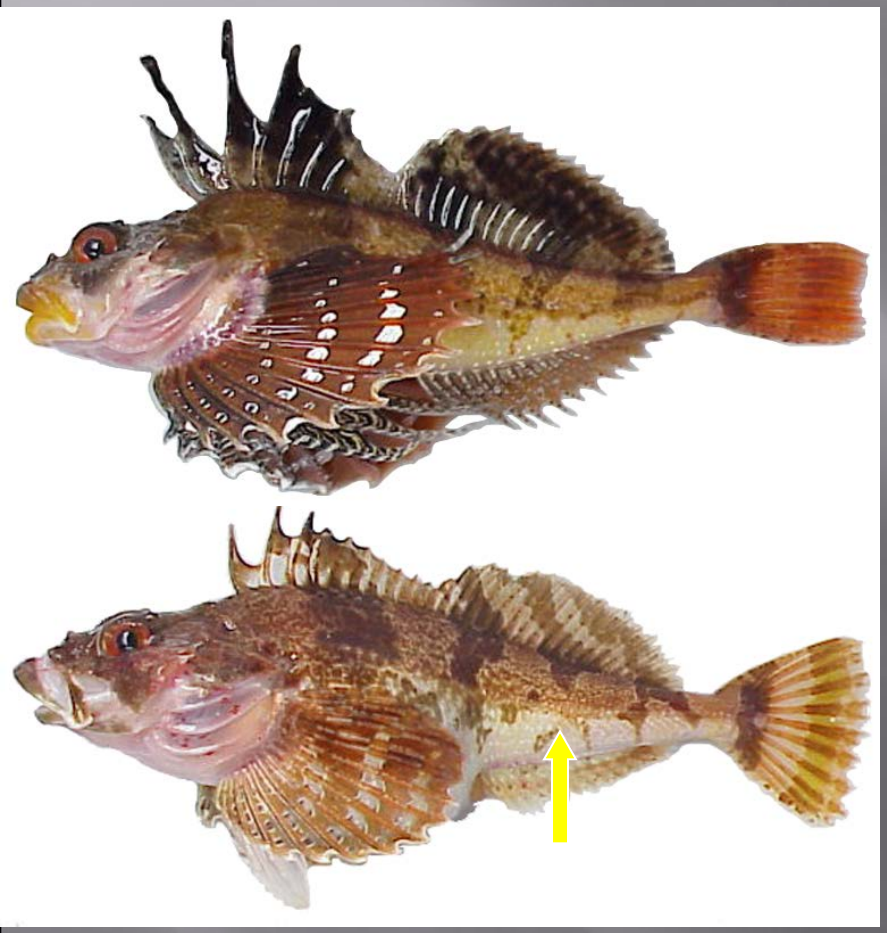
Sculpins



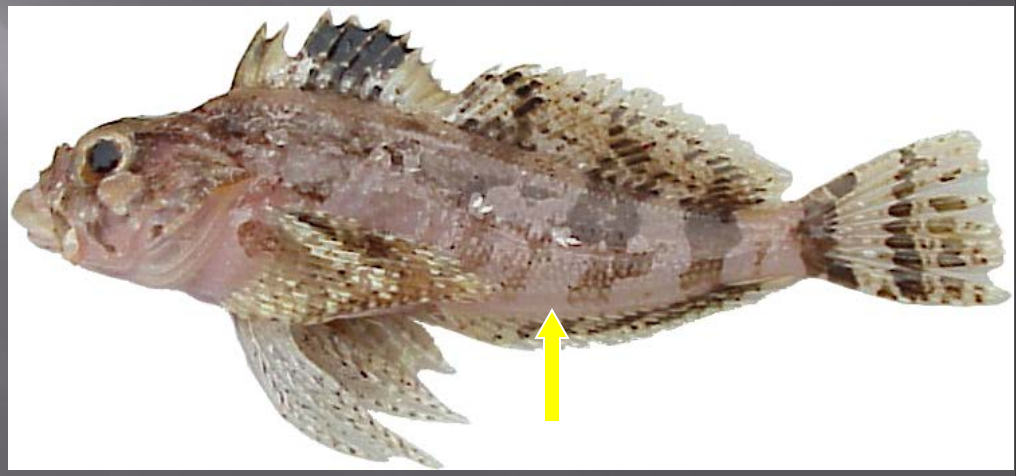
Hemilepidotus

Sculpins

Hemilepidotus



Butterfly Sculpin
(Bering Sea)



Longfin IL
(Aleutians)

Bigmouth Sculpin

Sculpins

Great Sculpin

Plain Sculpin

Warty Sculpin

Myoxocephalus

Sculpins

Darkfin Sculpin

Cottidae sp.