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
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
Greenland turbot
Arrowtooth
Kamchatka
Sculpins

Irish Lords (*Hemilepidotus*)

Bigmouth Sculpin (*Hemitripterus*)

*Myxocephalus* spp.
Sculpins

Red IL

Yellow IL

Hemilepidotus

Red IL
Sculpins

Darkfin Sculpin
Cottidae sp.