

Sta. No. H48-206

Locality: California: ^{off} San Luis Obispo Co., between Point San Luis and Pt. Sal

Lat. ca. 35° 01-06' N.; Long. ca. 120° 44-48' W. (USC & GS chart 5302, 1917.)

Water: clear, salt

Vegetation: presumably none

Bottom:

Temp.:

Shore: Sand beach

Current:

Distance from shore: ca. 5-9 miles

Tide:

Depth of capture: bottom

Depth of water: 35-45 fathoms

Method of capture: otter trawl for San Luis Fish Co. (Richard Kirby)

Collected by: trawler; Carl L. Hubbs (in Avila market) Date: VII:23:1948

Orig. preserv.: form, 1 to 12 and 1 to 15 Time: day

(2 in with numbers)

I examined catch of previous day at San Luis Fish Co., at Avila, conferring with manager, Mr. Richard Kirby. One boat works here 5 days per week, skipping Sat. & Sun.

Same general ground is fished over & over, outside closure line joining Pt. San Luis & Pt. Sal (no inquiry as to illegal fishing!).

Laroc mesh used restricts catch mostly to the petrale sole [*Eogsetta jordani*], with mod. nos. of "English sole" [*Parophrys vetulus*], turbot [*Pleuronichthys* spp.] and some of

other spp. Mr. Kirby promises co-operation in getting carcasses of other spp.

6. Raja inornata: 1 hg. preserved, obviously brought in by

42. ~~Palometa~~ ^{occident.} ~~simillima~~

: 1 ad., largely digested, in stomach of an Ophiodon. (over)

(over)

53. Sebastodes paucispinis: 1 head in barrel.
Several yg. from stomachs of other fishes.

Sebastodes sp.: 1 yg. preserved, had
been in a stomach. C. yellow & mandib/c
less projecting. Perhaps S. flavidus.

47. Zalembeius rosaceus: 1 ad. ⁽¹³¹⁾ preserved,
from stomach of an Ophiodon; very
fresh, possibly eaten in trawl.

54. Ophiodon elongatus: several lg. ads. (none taken)
2 examined for food. 1 contained
1 zd. Merluccius productus, nearly
bitten in 2 medially. Other
contained 1 peculiar squid (preserved)
1 ^{Palometa} Pegrius (largely digested) & the
1 Zalembeius preserved.

55. Scorpaenichthys marmoratus: one
lg. zd., not preserved. Flaps very
short; interorbital nearly flat.

62. Merluccius productus: 1 zd. in stomach of
an Ophiodon (g.v.) - Not saved.

64. Paralichthys californicus: 2 lg. zds.
Both with eyes R. ^{Malibu} Not saved.

64 Citharichthys sordidus: 3 in lot -
"Sand dabs"
1 small one, preserved.

1(142): 1 hl. gr., from ~~stomach~~
mouth of an Eopsetta, preserved.
Another, not saved. Eyes L.

Pleuronichthys verticalis: ads.

4 preserved (all or partly as
filleted carcasses. "Turbot")

Pleuronichthys decurrens: 16 preserved,
mostly small as carcasses; 1, eyes R.
discarded. "Turbot" (COM.)

Notes at Morro Bay

VII:23:1948

C. L. Abbey Fishermen & market operator at Morro Bay said grunion runs have become well known at Cayucos, but no one at Morro seems to have checked. "Silver smelt" formerly ran commonly at Morro.

In market were following locally caught fish:
[Notes in part repeated under #48-208.]

9. Oncorhynchus tshawytscha: adults.

53. [Sebastes flavidus (?) - fish caught "yellowtail" at Monterey & San Francisco has been common off Morro Bay.]

S. rosaceus ("miniatus"): several, caught by C. L. Abbey today. Commonly caught. Known here as "red rock cod", not as "red snapper".

S. chlorostictus: 1 ad., typical, caught today. Abbey calls this fish "hail stealer" (small specimen, name general for small rockfish).

S. vexillaris: ~~1~~ 1 ad., caught today; known locally as whitebelly and regarded as an inshore species.

S. carnatus: 1 ad., brown & pink; large-eyed.

S. nebulosus: 2 ad., caught off Morro Bay today. "China rock cod".

54 Ophiodon elongatus: several, local.

64 Citharichthys sordidus: few.

Paralichthys californicus: several.

(Generally reputed to be good year for halibut in Morro Bay.)

64 (con.)

H 48-206 (con.)

Eopsetta jordani: sm. - lg. ads. The chief catch. "Petrale sole". ~~75~~ 159 preserved, nearly all as carcasses. 554 ^{others} examined, identified, as determined as eyes R in all. One contained a Citharichthys sordidus in mouth.

Parophrys retulus: sm. - lg. ads. "English sole". 31 preserved, all or nearly all as carcasses. 18 others (with cut fins) examined, identified, & determined as eyes R. in all.

Platichthys stellatus: 2 lg. ads., both with eyes R; not preserved. "Flounder".

Lepidopsetta bilineata: 2 carcasses of ads. preserved. "Gravel sole".

Microstomus pacificus: 1 lg. ad., preserved whole. "Rex sole" [presumably by error].